

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128575.D
 Acq On : 29 May 2022 17:02
 Operator : CG\JU
 Sample : N2951-20MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-01MSD

Quant Time: May 30 00:51:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/31/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	125250	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	425136	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	201749	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	338282	20.000	ng	0.00
76) Chrysene-d12	14.009	240	294411	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	272513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	790401	104.529	ng	0.00
7) Phenol-d6	6.469	99	957281	99.290	ng	0.00
23) Nitrobenzene-d5	7.404	82	650922	88.326	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	215731	112.342	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1008545	81.216	ng	0.00
79) Terphenyl-d14	12.951	244	969112	63.594	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	127858	37.921	ng	94
3) Pyridine	3.398	79	329662	37.765	ng	93
4) n-Nitrosodimethylamine	3.357	42	224937	49.173	ng	# 84
6) Aniline	6.534	93	395043	35.113	ng	99
8) 2-Chlorophenol	6.622	128	353910	45.138	ng	97
9) Benzaldehyde	6.386	77	236064	66.440	ng	94
10) Phenol	6.486	94	406992m	42.600	ng	
11) bis(2-Chloroethyl)ether	6.575	93	358302	45.814	ng	98
12) 1,3-Dichlorobenzene	6.781	146	410715	46.105	ng	99
13) 1,4-Dichlorobenzene	6.857	146	409608	45.460	ng	98
14) 1,2-Dichlorobenzene	7.010	146	383877	46.289	ng	99
15) Benzyl Alcohol	6.981	79	322641	43.877	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	581352	42.002	ng	98
17) 2-Methylphenol	7.092	107	271488	40.683	ng	97
18) Hexachloroethane	7.351	117	146494	46.091	ng	93
19) n-Nitroso-di-n-propyla...	7.257	70	250956	42.453	ng	98
20) 3+4-Methylphenols	7.245	107	327052	40.568	ng	# 82
22) Acetophenone	7.251	105	481482	49.117	ng	94
24) Nitrobenzene	7.422	77	379533	52.093	ng	96
25) Isophorone	7.663	82	674115	49.586	ng	98
26) 2-Nitrophenol	7.739	139	173362	56.932	ng	96
27) 2,4-Dimethylphenol	7.775	122	310718m	51.336	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	397912	45.099	ng	99
29) 2,4-Dichlorophenol	7.980	162	273960	43.737	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	314784	46.395	ng	99
31) Naphthalene	8.145	128	956304	45.959	ng	99
32) Benzoic acid	7.886	122	191537	44.767	ng	99
33) 4-Chloroaniline	8.192	127	172554	20.827	ng	98
34) Hexachlorobutadiene	8.263	225	216083	50.440	ng	98
35) Caprolactam	8.557	113	77065	39.899	ng	98
36) 4-Chloro-3-methylphenol	8.675	107	275365	42.793	ng	99
37) 2-Methylnaphthalene	8.833	142	585108	44.549	ng	100
38) 1-Methylnaphthalene	8.933	142	556609	43.574	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	295955	53.421	ng	99
41) Hexachlorocyclopentadiene	8.986	237	252683	81.138	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	190289	46.577	ng	97

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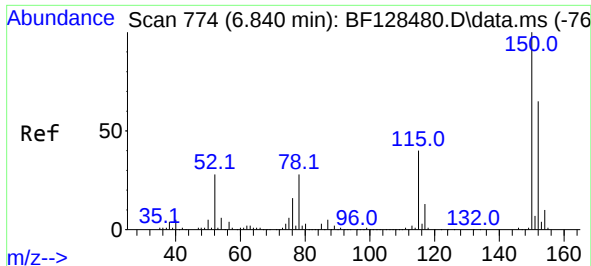
Manual Integrations
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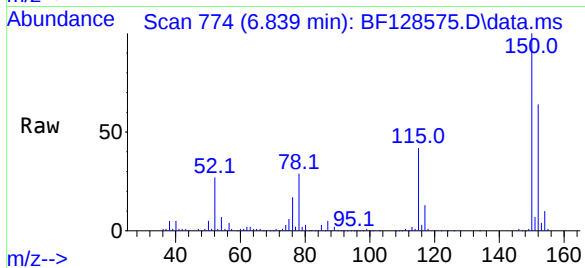
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	193543	45.978	ng	# 94
46) 1,1'-Biphenyl	9.298	154	712633	50.305	ng	99
47) 2-Chloronaphthalene	9.327	162	541685	48.710	ng	97
48) 2-Nitroaniline	9.422	65	176633	57.119	ng	99
49) Acenaphthylene	9.739	152	836831	48.984	ng	100
50) Dimethylphthalate	9.604	163	639322	48.853	ng	99
51) 2,6-Dinitrotoluene	9.663	165	132336	55.176	ng	91
52) Acenaphthene	9.916	154	524479	49.759	ng	99
53) 3-Nitroaniline	9.827	138	97000	35.020	ng	97
54) 2,4-Dinitrophenol	9.933	184	79980	66.960	ng	90
55) Dibenzofuran	10.086	168	708047	45.275	ng	96
56) 4-Nitrophenol	9.986	139	208308	92.679	ng	# 76
57) 2,4-Dinitrotoluene	10.063	165	168236	58.631	ng	98
58) Fluorene	10.427	166	530969	47.162	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	151250	44.338	ng	99
60) Diethylphthalate	10.304	149	605112	47.600	ng	100
61) 4-Chlorophenyl-phenyle...	10.421	204	268906	47.076	ng	94
62) 4-Nitroaniline	10.445	138	110671	41.732	ng	95
63) Azobenzene	10.580	77	566858	43.800	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	53955	36.060	ng	94
66) n-Nitrosodiphenylamine	10.539	169	484377	47.826	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	167124	47.817	ng	95
68) Hexachlorobenzene	10.974	284	189165	49.011	ng	# 92
69) Atrazine	11.069	200	156656	49.839	ng	98
70) Pentachlorophenol	11.169	266	219001	93.113	ng	99
71) Phenanthrene	11.392	178	756631	47.216	ng	99
72) Anthracene	11.439	178	767689	47.960	ng	99
73) Carbazole	11.598	167	688263	44.866	ng	99
74) Di-n-butylphthalate	11.927	149	883041	48.908	ng	100
75) Fluoranthene	12.580	202	844580	49.297	ng	97
77) Benzidine	12.704	184	358813	52.838	ng	99
78) Pyrene	12.810	202	867638	39.119	ng	98
80) Butylbenzylphthalate	13.433	149	397978	42.541	ng	94
81) Benzo(a)anthracene	13.998	228	807694	46.157	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	280800	62.667	ng	99
83) Chrysene	14.033	228	807330	45.049	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	589594	52.107	ng	100
85) Di-n-octyl phthalate	14.609	149	963638	48.381	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	659632	41.040	ng	95
88) Benzo(b)fluoranthene	15.045	252	833282	49.154	ng	98
89) Benzo(k)fluoranthene	15.080	252	731105m	46.548	ng	
90) Benzo(a)pyrene	15.409	252	721576	53.053	ng	97
91) Dibenzo(a,h)anthracene	16.950	278	585085	43.903	ng	96
92) Benzo(g,h,i)perylene	17.374	276	548343	41.483	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

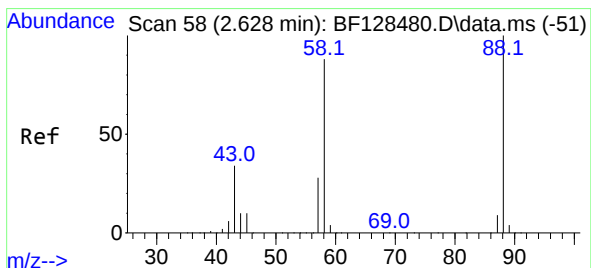
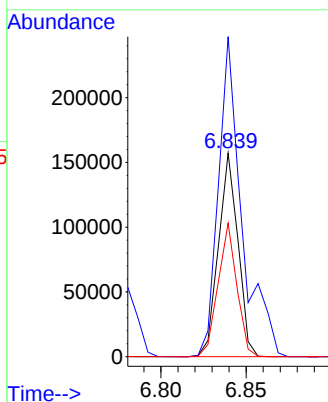
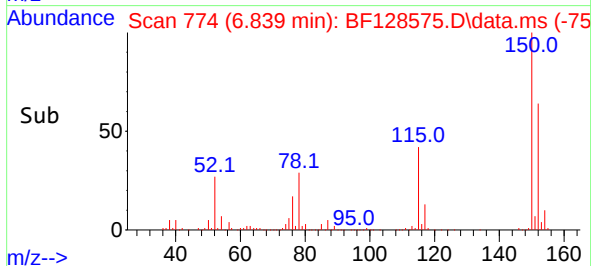
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BNA_F
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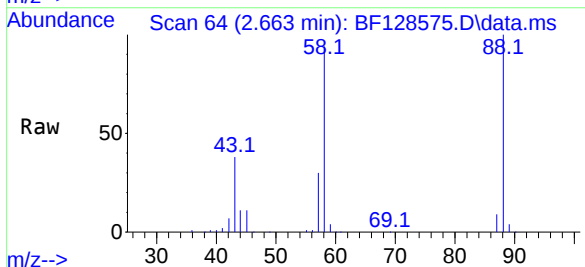
Tgt Ion:152 Resp: 125250
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 65.6 49.9 74.9

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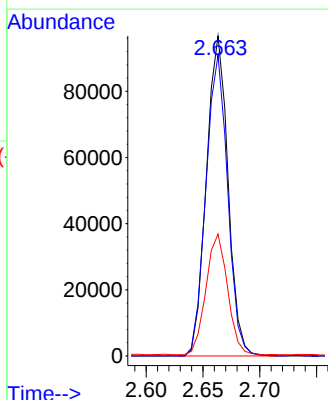
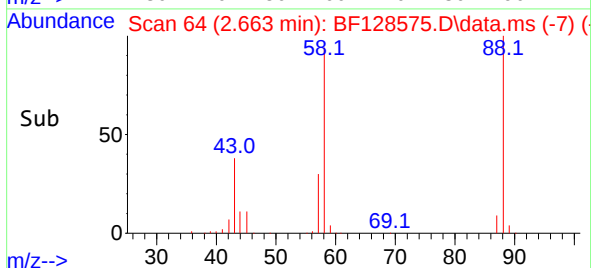
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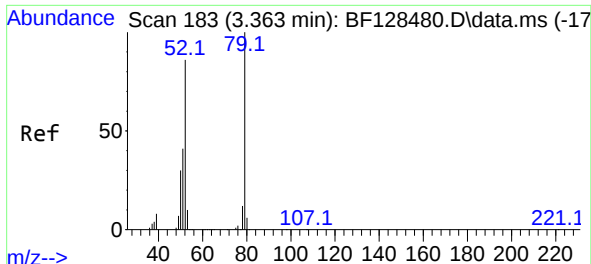


#2
1,4-Dioxane
Concen: 37.921 ng
RT: 2.663 min Scan# 64
Delta R.T. 0.035 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



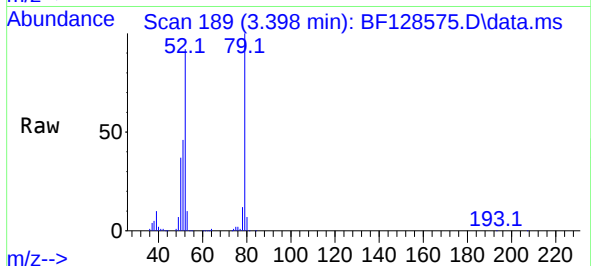
Tgt Ion: 88 Resp: 127858
Ion Ratio Lower Upper
88 100
58 94.6 71.8 107.8
43 37.9 26.6 39.8





#3
Pyridine
Concen: 37.765 ng
RT: 3.398 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

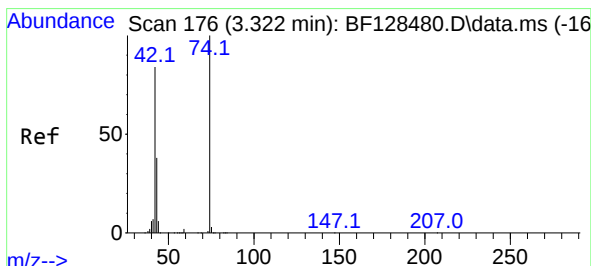
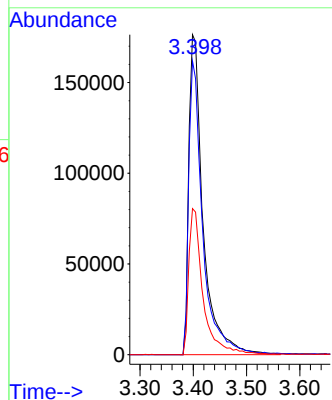
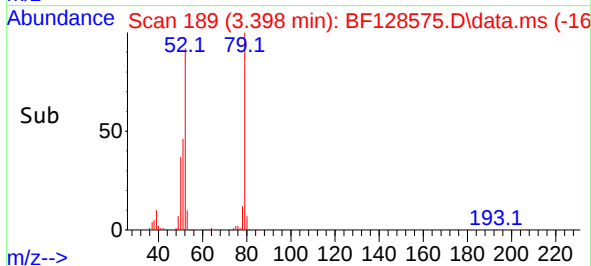
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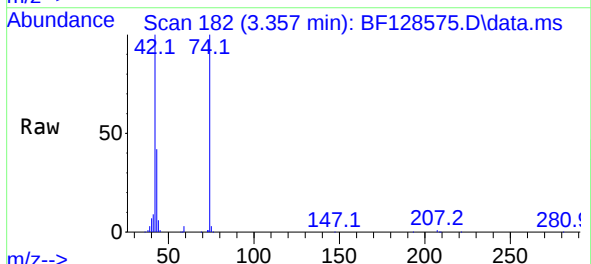
Tgt Ion: 79 Resp: 329662
Ion Ratio Lower Upper
79 100
52 91.8 68.6 102.8
51 45.7 32.9 49.3

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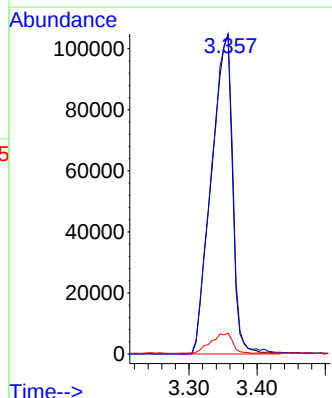
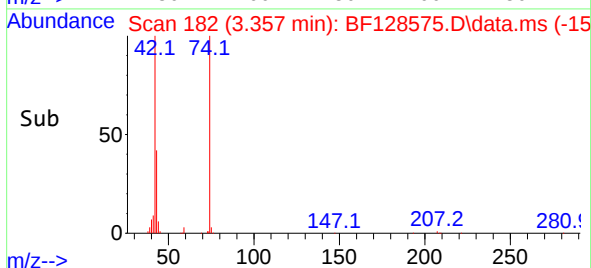
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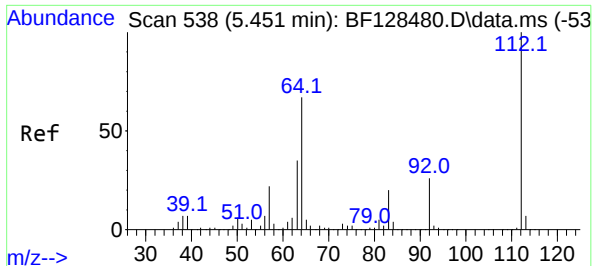


#4
n-Nitrosodimethylamine
Concen: 49.173 ng
RT: 3.357 min Scan# 182
Delta R.T. 0.035 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



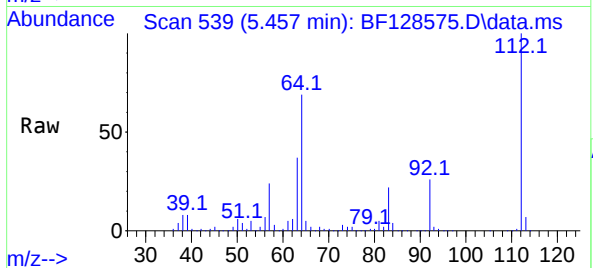
Tgt Ion: 42 Resp: 224937
Ion Ratio Lower Upper
42 100
74 100.4 94.8 142.2
44 6.5 6.6 10.0





#5
2-Fluorophenol
Concen: 104.529 ng
RT: 5.457 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

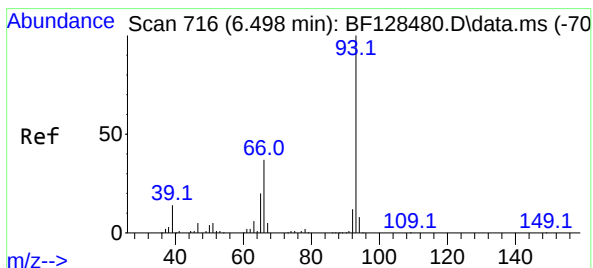
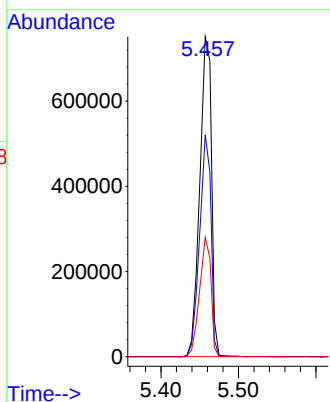
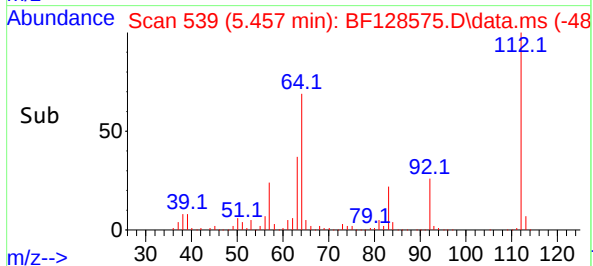
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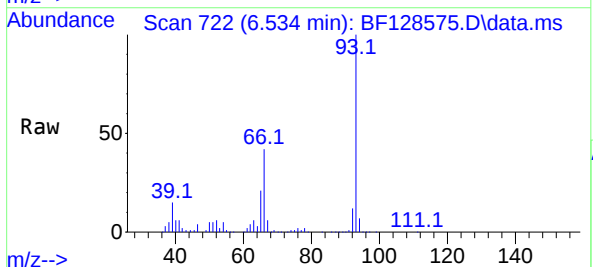
Tgt Ion:112 Resp: 79040
Ion Ratio Lower Upper
112 100
64 69.3 53.3 79.9
63 37.3 28.0 42.0

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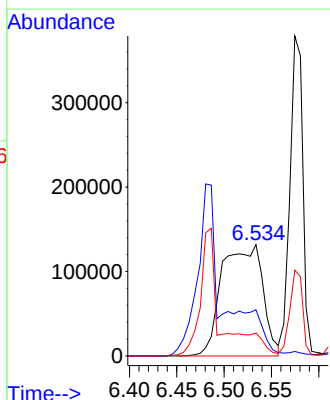
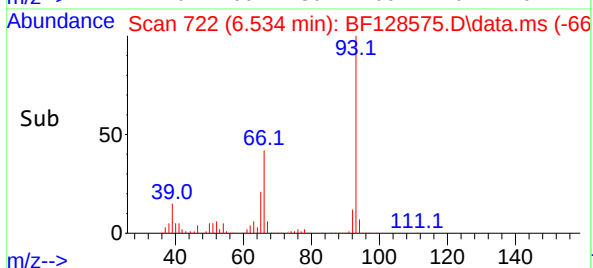
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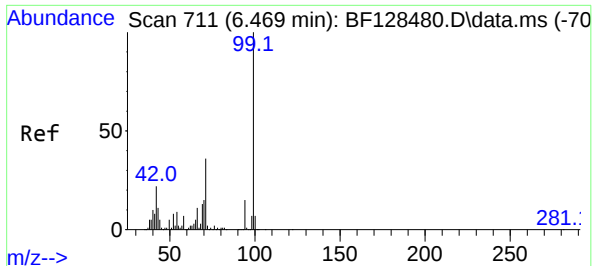


#6
Aniline
Concen: 35.113 ng
RT: 6.534 min Scan# 722
Delta R.T. 0.035 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



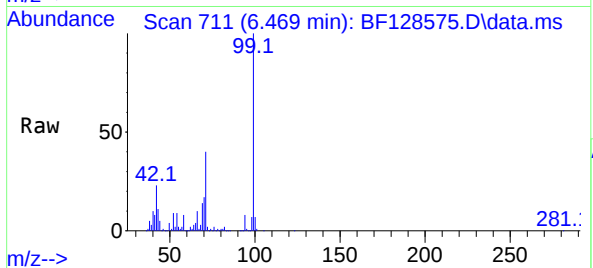
Tgt Ion: 93 Resp: 395043
Ion Ratio Lower Upper
93 100
66 41.5 32.5 48.7
65 20.7 16.4 24.6





#7
Phenol-d6
Concen: 99.290 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

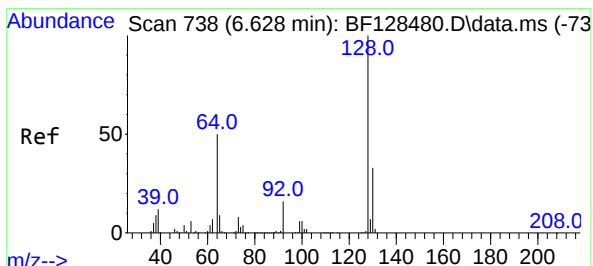
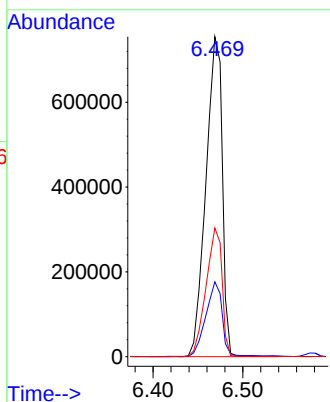
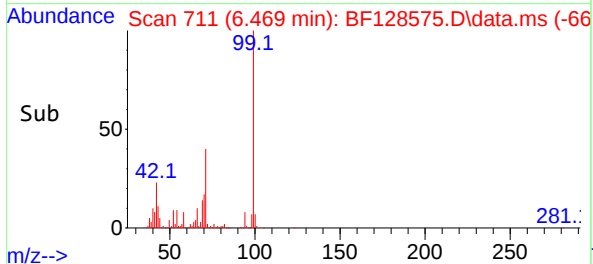
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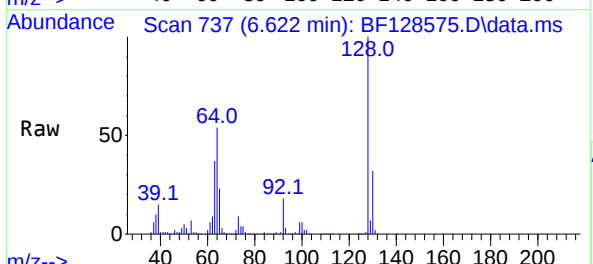
Tgt Ion: 99 Resp: 95728
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 40.2 28.9 43.3

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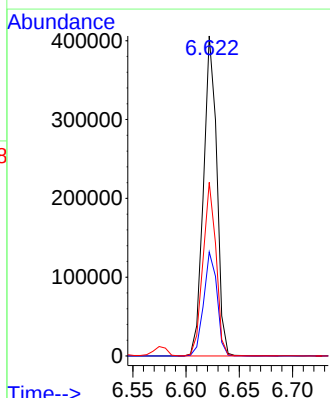
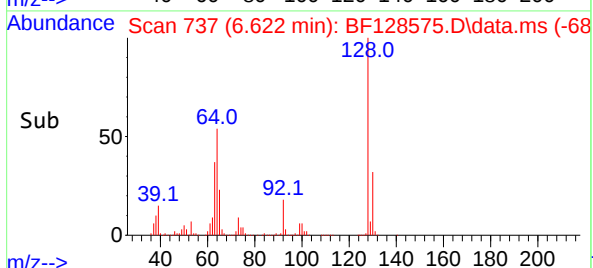
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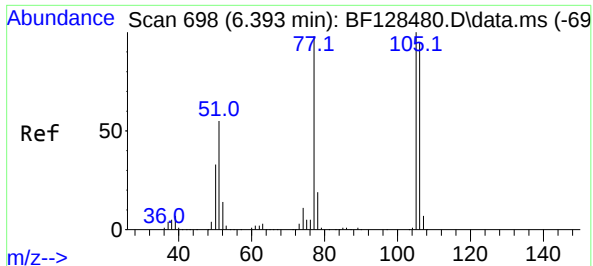


#8
2-Chlorophenol
Concen: 45.138 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



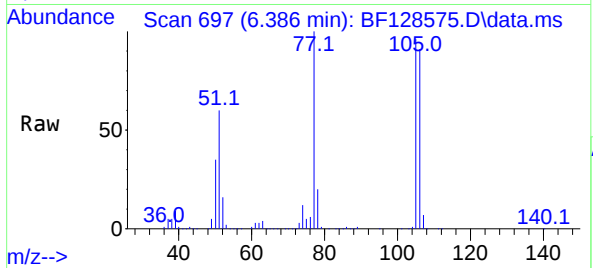
Tgt Ion:128 Resp: 353910
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 54.3 30.9 70.9





#9
Benzaldehyde
Concen: 66.440 ng
RT: 6.386 min Scan# 698
Delta R.T. -0.007 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

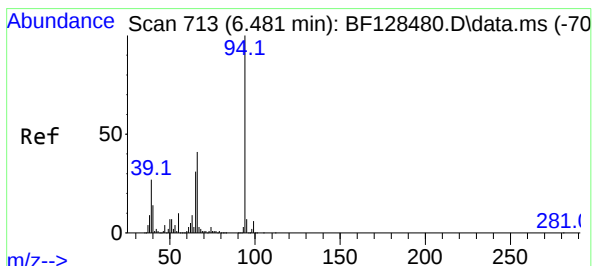
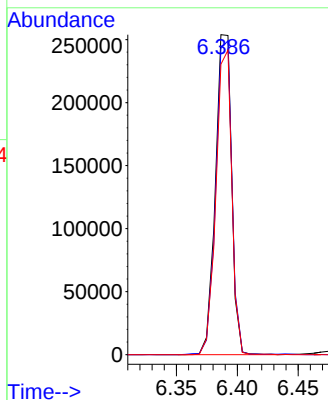
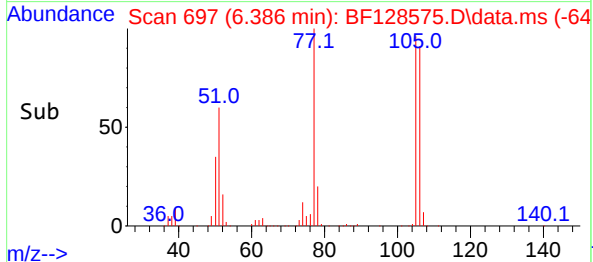
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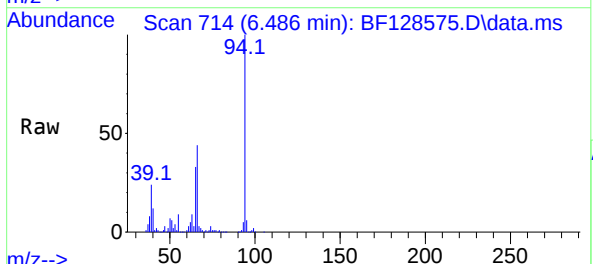
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Ion Ratio Lower Upper
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105 95.7 81.6 121.6
106 90.8 76.1 116.1

Manual Integrations
APPROVED

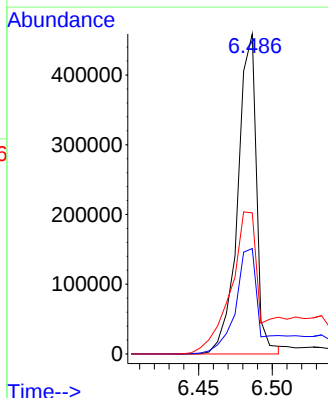
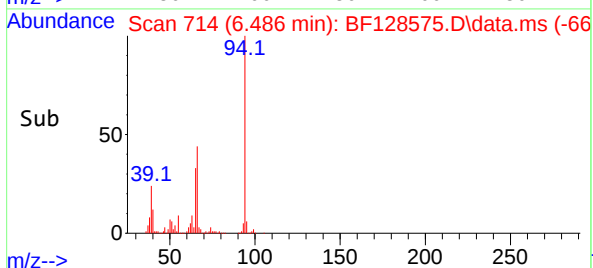
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

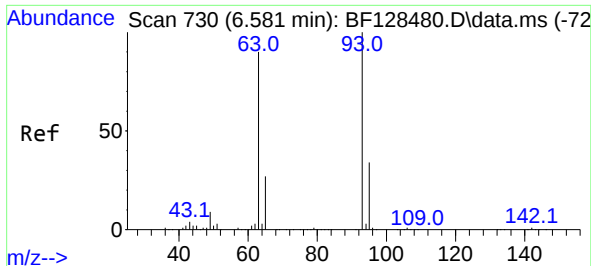


#10
Phenol
Concen: 42.600 ng m
RT: 6.486 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



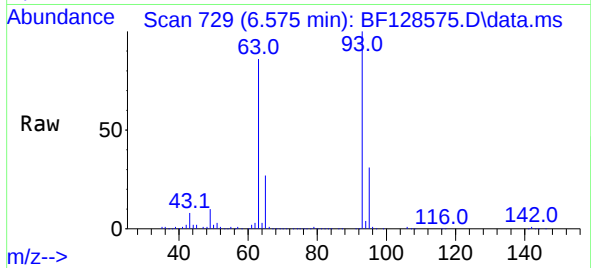
Tgt Ion: 94 Resp: 406992
Ion Ratio Lower Upper
94 100
65 33.0 11.4 51.4
66 44.1 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 45.814 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

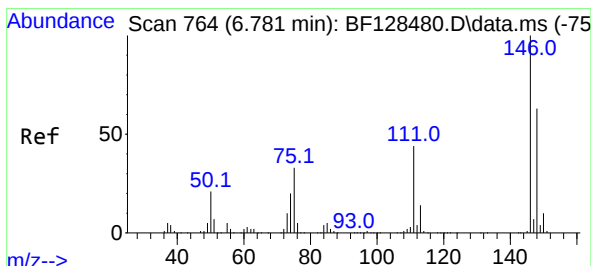
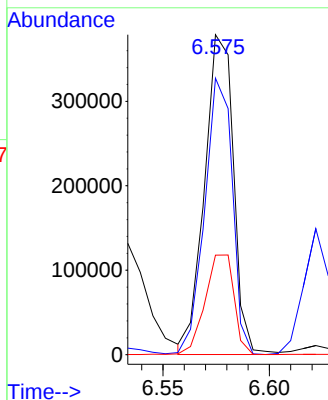
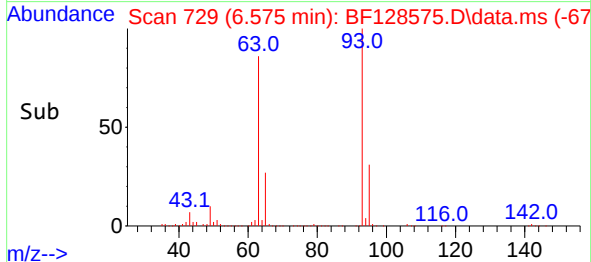
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



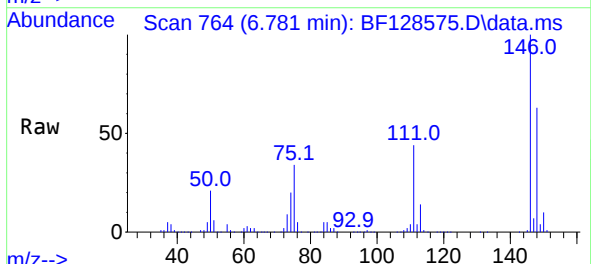
Tgt Ion: 93 Resp: 358302
Ion Ratio Lower Upper
93 100
63 86.4 67.4 107.4
95 31.1 12.7 52.7

Manual Integrations
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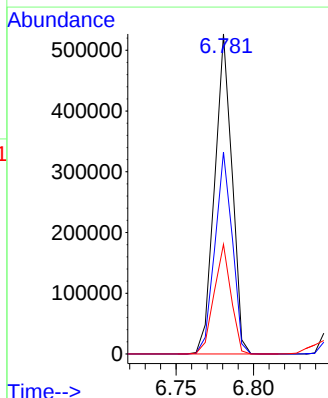
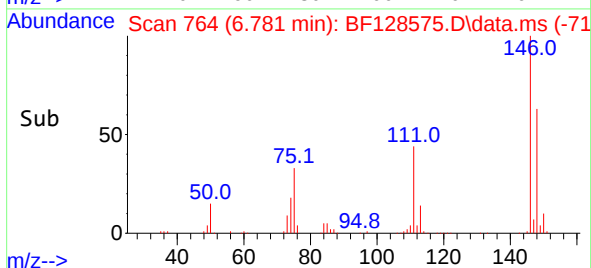
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

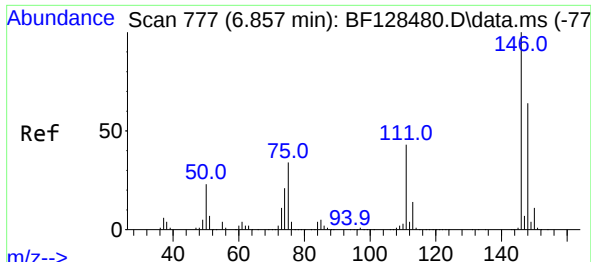


#12
1,3-Dichlorobenzene
Concen: 46.105 ng
RT: 6.781 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



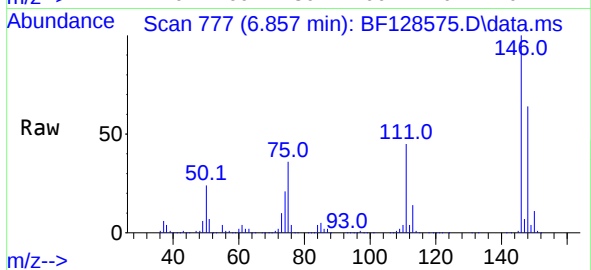
Tgt Ion:146 Resp: 410715
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 34.3 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 45.460 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

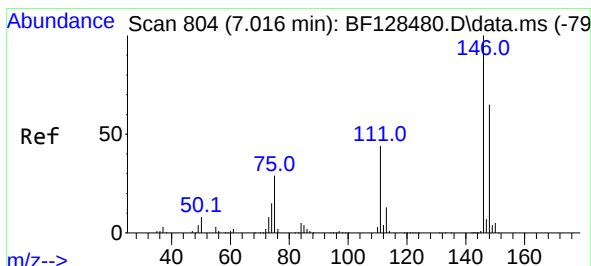
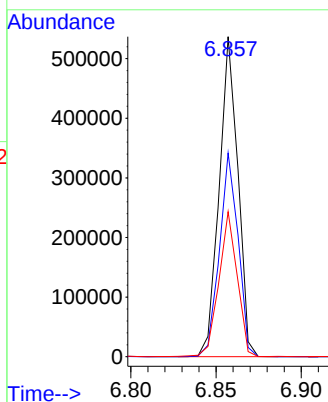
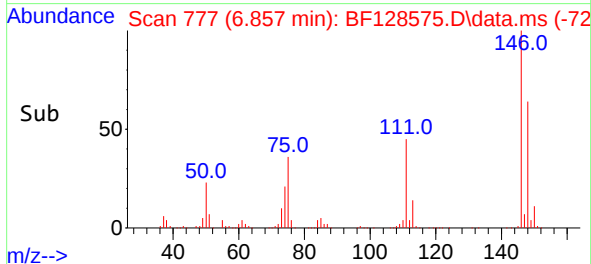
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



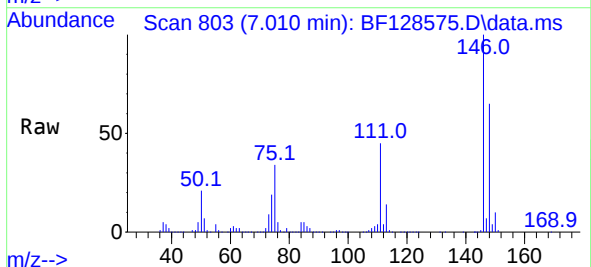
Tgt Ion:146 Resp: 409608
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 45.3 34.2 51.4

Manual Integrations
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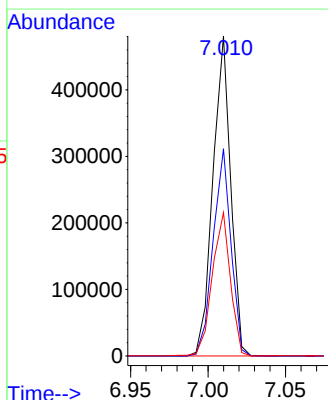
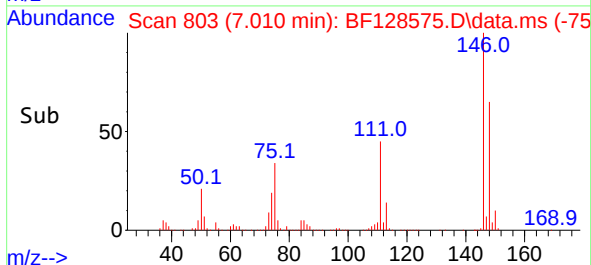
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

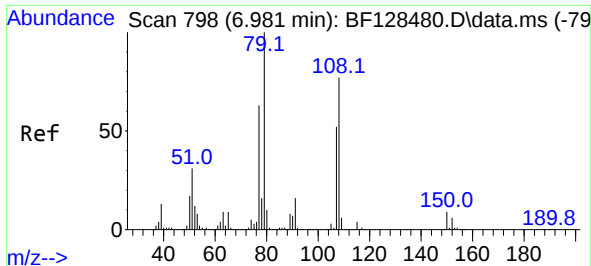


#14
1,2-Dichlorobenzene
Concen: 46.289 ng
RT: 7.010 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



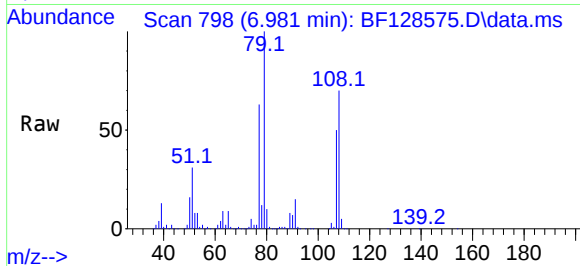
Tgt Ion:146 Resp: 383877
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 44.8 35.1 52.7





#15
Benzyl Alcohol
Concen: 43.877 ng
RT: 6.981 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

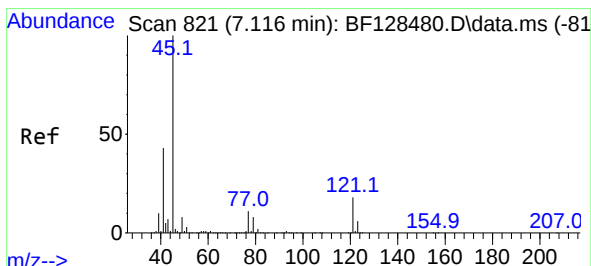
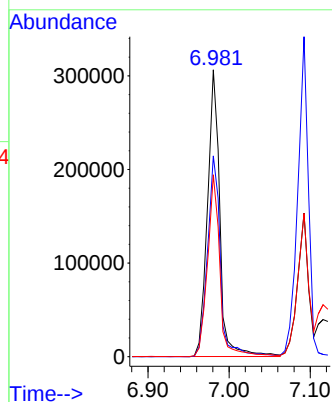
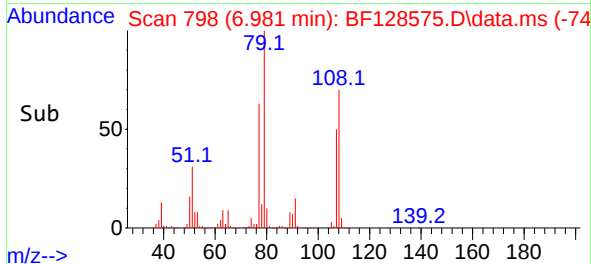
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



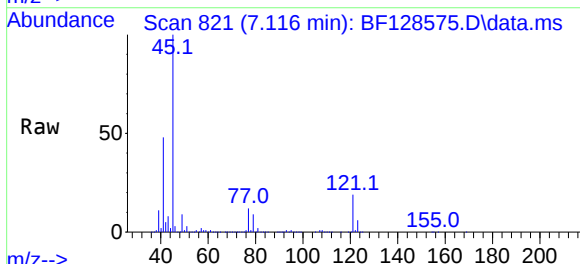
Tgt Ion: 79 Resp: 32264
Ion Ratio Lower Upper
79 100
108 70.0 61.8 92.6
77 63.4 50.2 75.4

Manual Integrations
APPROVED

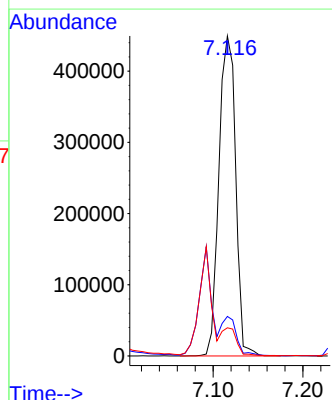
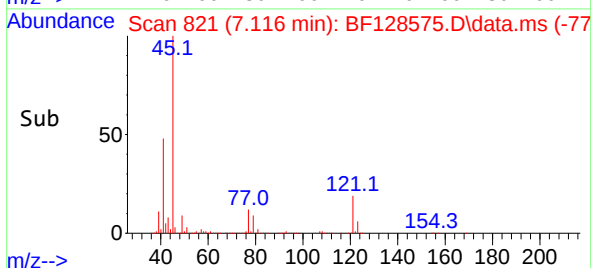
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

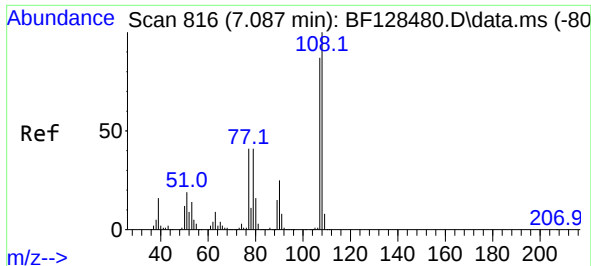


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.002 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



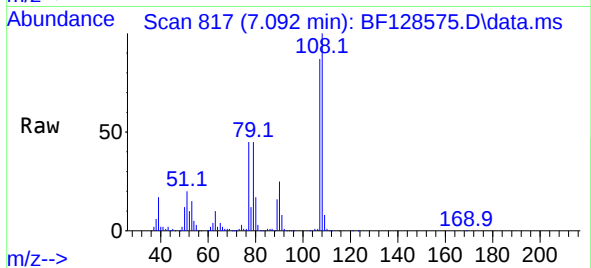
Tgt Ion: 45 Resp: 581352
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.3
79 8.8 0.0 28.3





#17
2-Methylphenol
Concen: 40.683 ng
RT: 7.092 min Scan# 816
Delta R.T. 0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

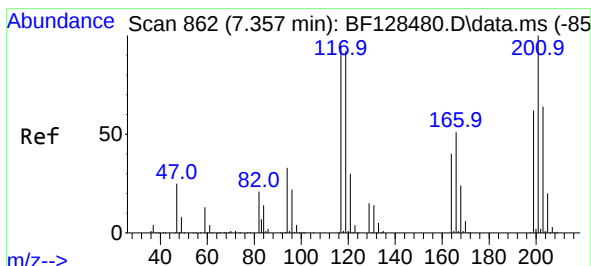
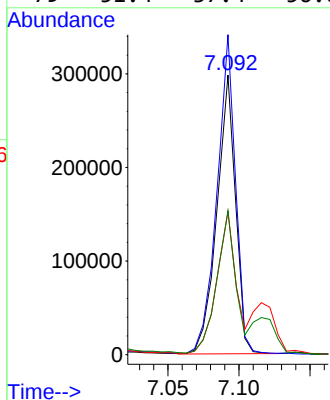
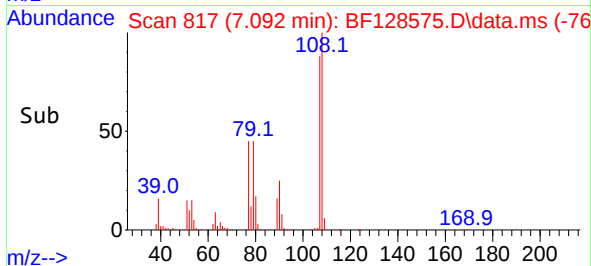
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:107 Resp: 271488
Ion Ratio Lower Upper
107 100
108 114.5 91.9 137.9
77 51.3 37.8 56.8
79 51.4 37.4 56.0

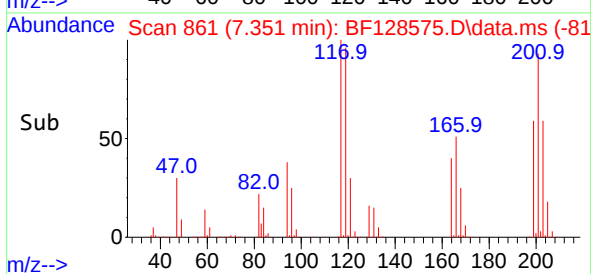
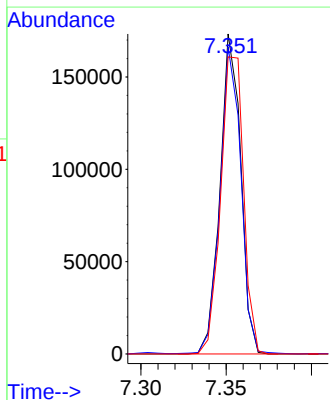
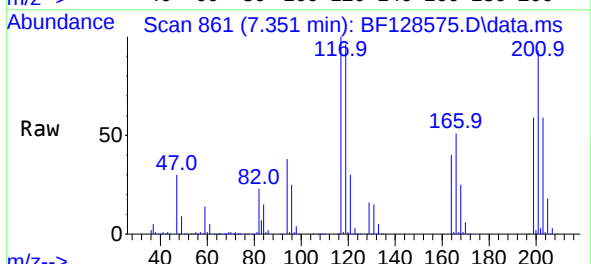
Manual Integrations
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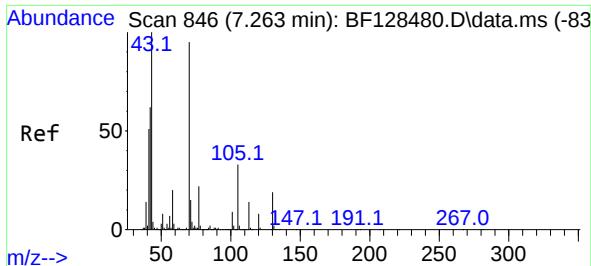
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#18
Hexachloroethane
Concen: 46.091 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

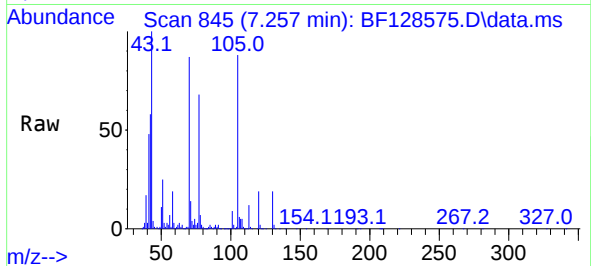
Tgt Ion:117 Resp: 146494
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.2
201 92.8 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.453 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

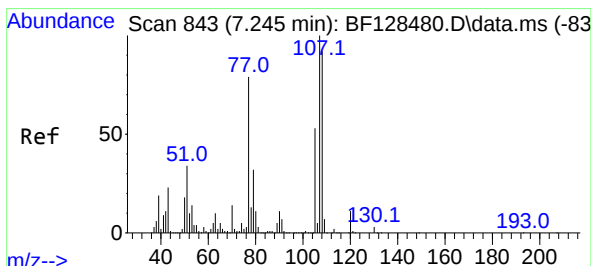
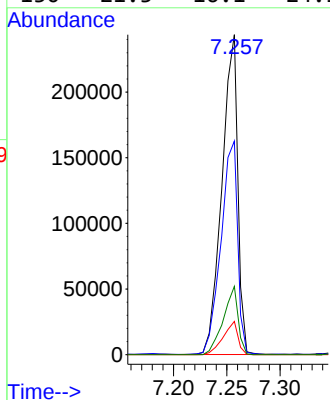
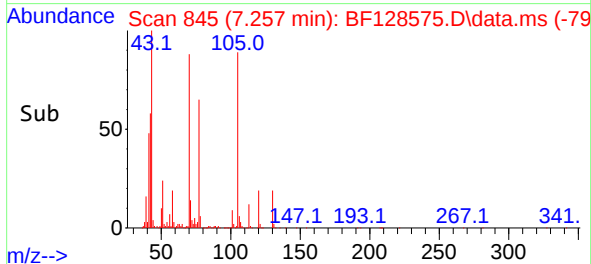
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



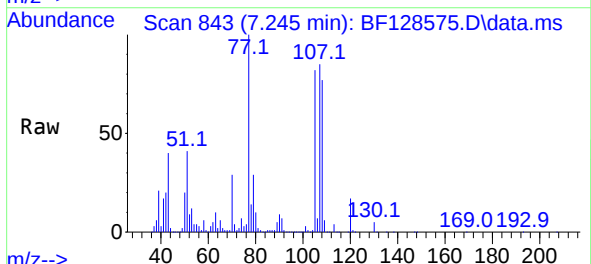
Tgt Ion: 70 Resp: 250950
Ion Ratio Lower Upper
70 100
42 66.7 52.3 78.5
101 10.4 7.5 11.3
130 21.3 16.1 24.1

Manual Integrations
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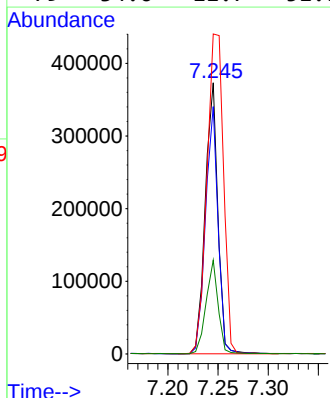
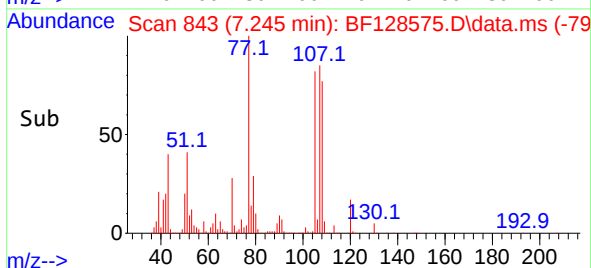
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

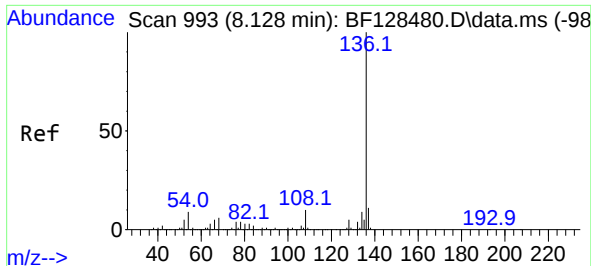


#20
3+4-Methylphenols
Concen: 40.568 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



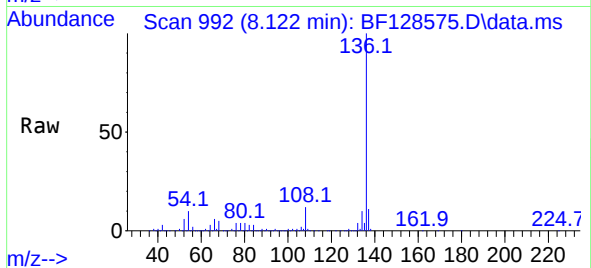
Tgt Ion:107 Resp: 327052
Ion Ratio Lower Upper
107 100
108 91.2 71.8 111.8
77 118.0 59.3 99.3#
79 34.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD

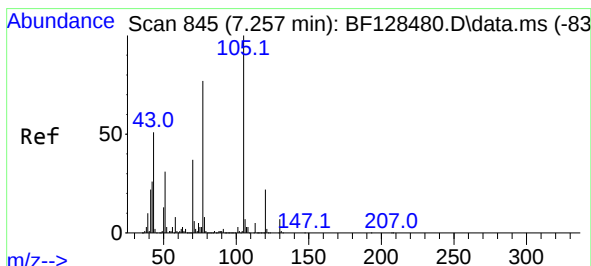
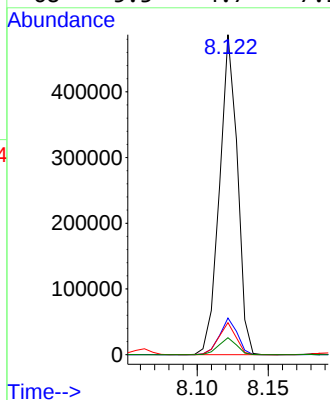
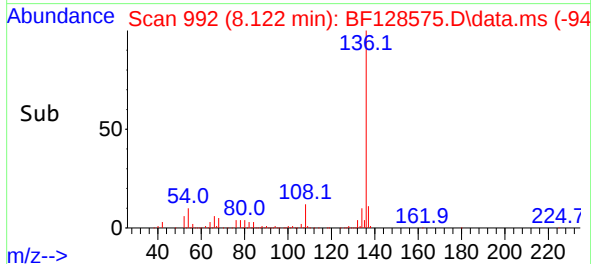


Tgt Ion:136 Resp: 425130

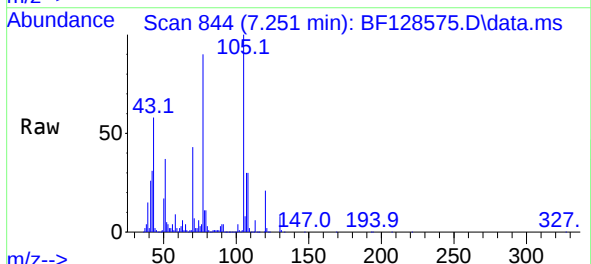
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.0	7.5	11.3
68	5.3	4.7	7.1

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Supervised By :Jagrut Upadhyay 05/31/2022

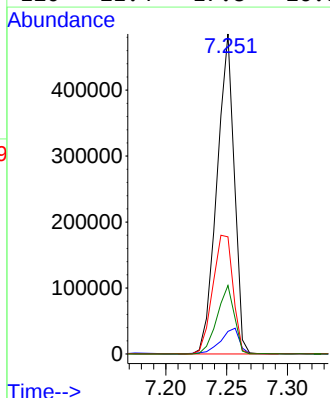
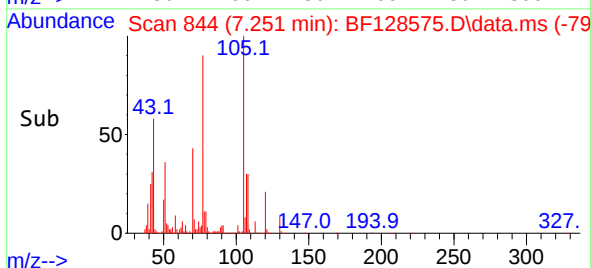


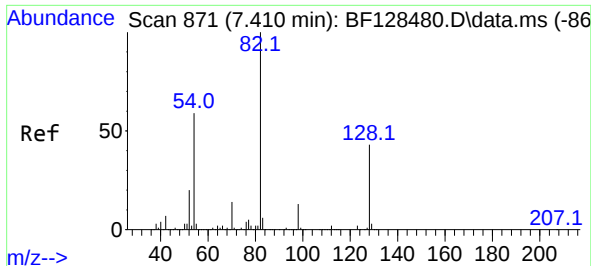
#22
Acetophenone
Concen: 49.117 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



Tgt Ion:105 Resp: 481482

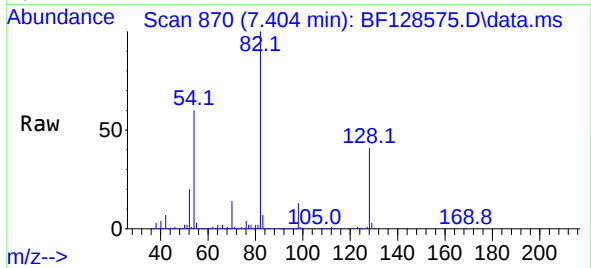
Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.0	7.4
51	36.6	25.0	37.4
120	21.4	17.8	26.8





#23
Nitrobenzene-d5
Concen: 88.326 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

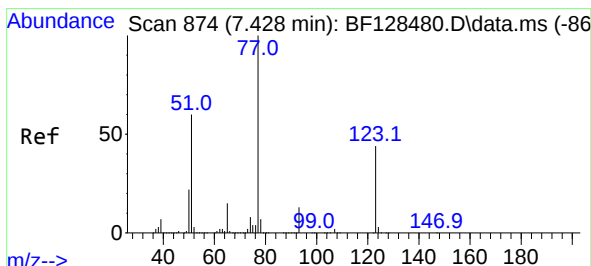
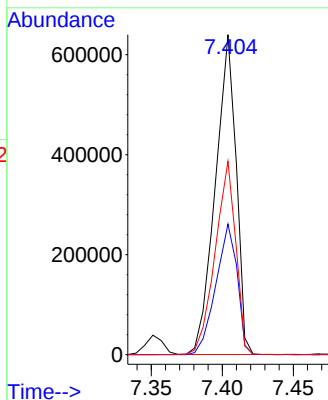
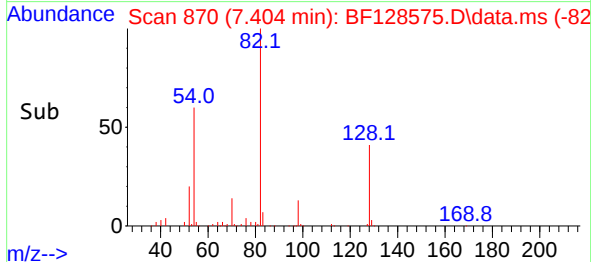
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



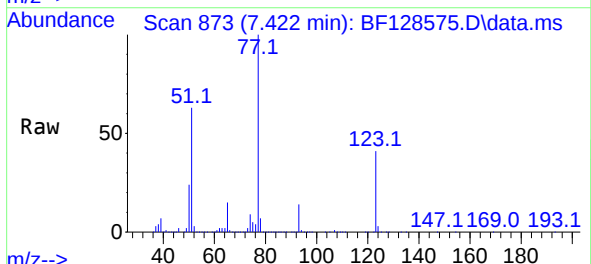
Tgt Ion: 82 Resp: 65092
Ion Ratio Lower Upper
82 100
128 40.8 34.0 51.0
54 60.4 46.9 70.3

Manual Integrations
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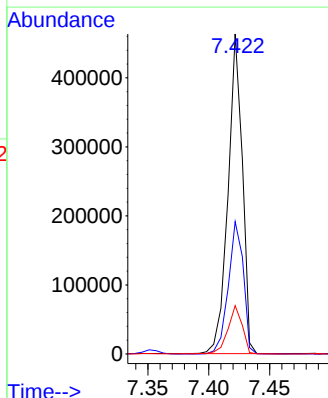
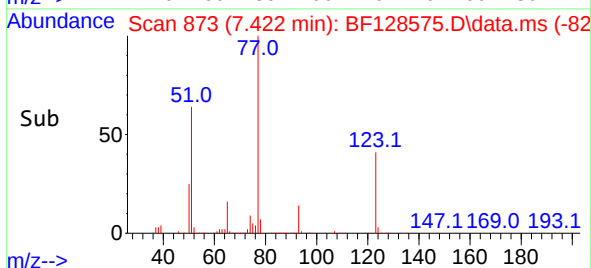
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

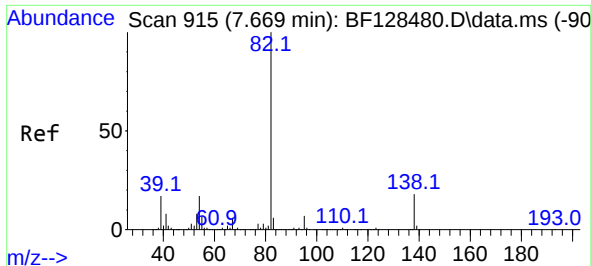


#24
Nitrobenzene
Concen: 52.093 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



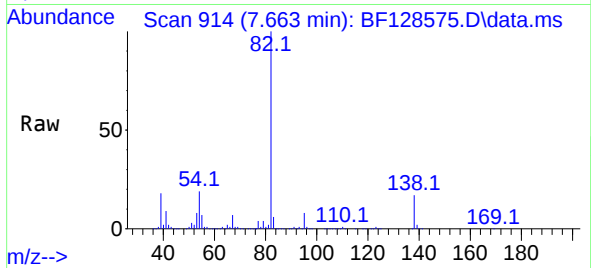
Tgt Ion: 77 Resp: 379533
Ion Ratio Lower Upper
77 100
123 41.4 35.4 53.2
65 15.1 11.8 17.8





#25
Isophorone
Concen: 49.586 ng
RT: 7.663 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

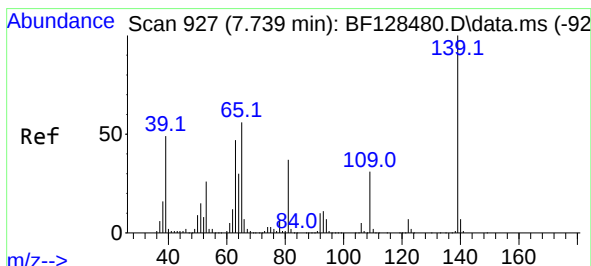
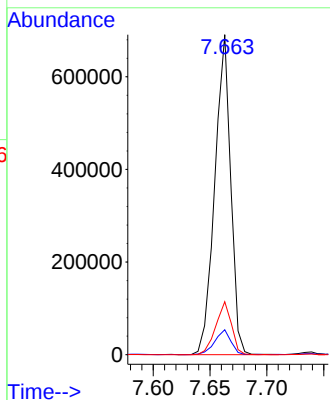
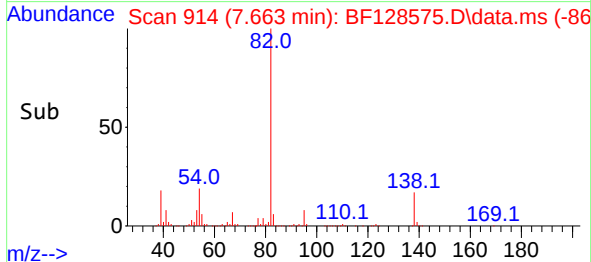
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion: 82 Resp: 674111
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 16.6 14.2 21.2

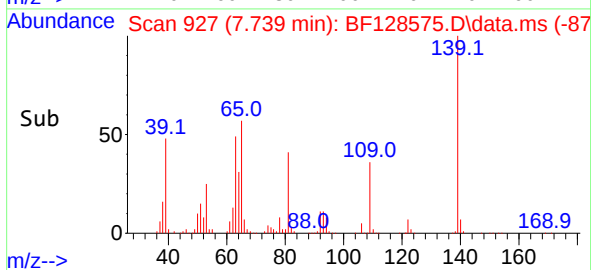
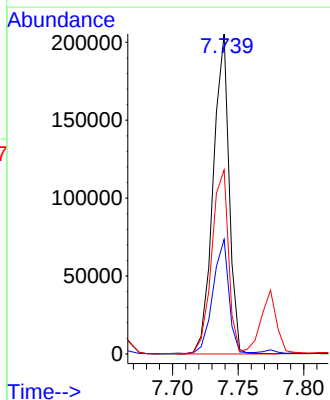
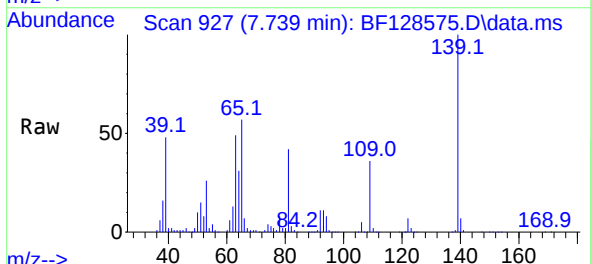
Manual Integrations
APPROVED

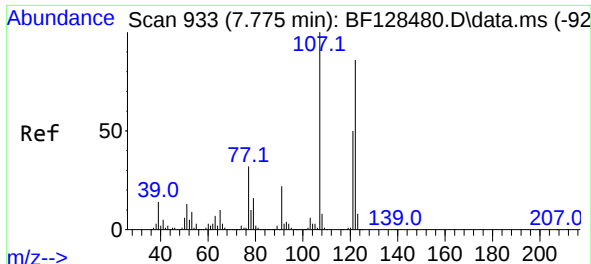
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#26
2-Nitrophenol
Concen: 56.932 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

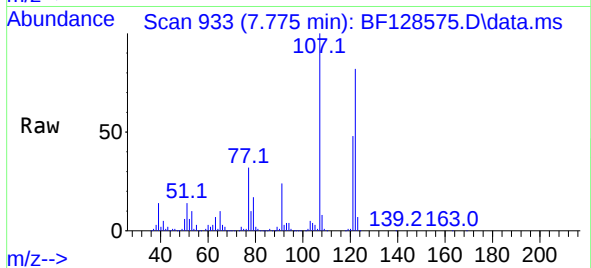
Tgt Ion:139 Resp: 173362
Ion Ratio Lower Upper
139 100
109 35.8 25.0 37.4
65 57.5 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 51.336 ng m
RT: 7.775 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

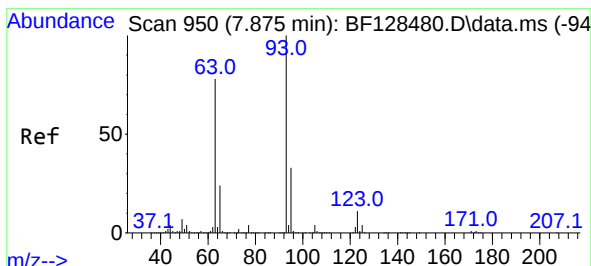
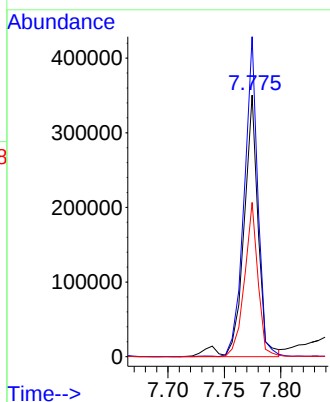
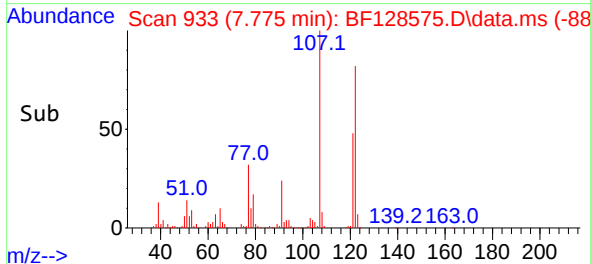
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



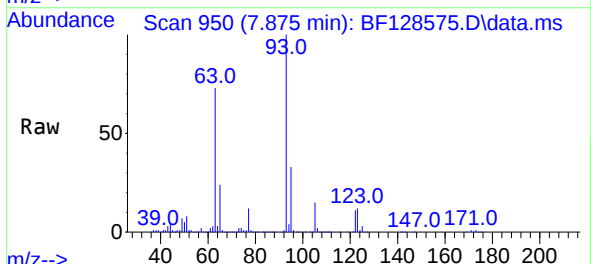
Tgt Ion:122 Resp: 310718
Ion Ratio Lower Upper
122 100
107 122.3 93.0 139.6
121 58.9 46.6 70.0

Manual Integrations
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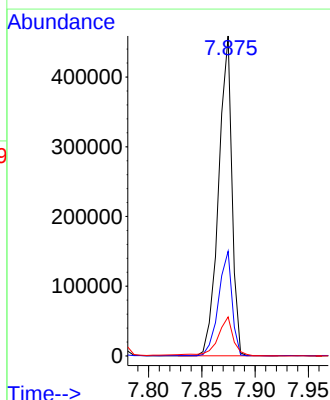
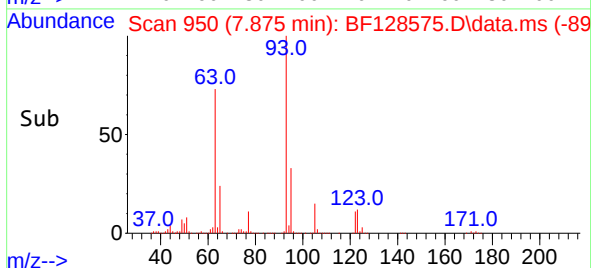
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

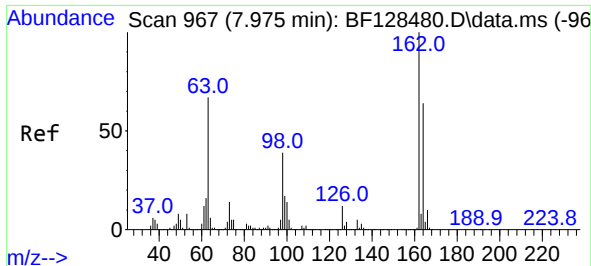


#28
bis(2-Chloroethoxy)methane
Concen: 45.099 ng
RT: 7.875 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



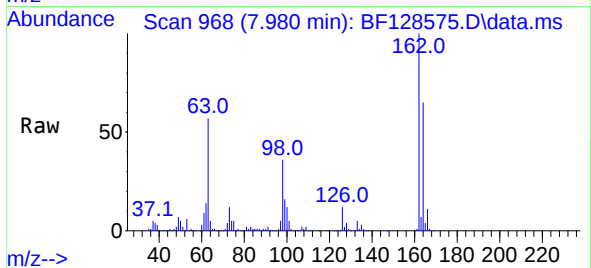
Tgt Ion: 93 Resp: 397912
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 12.2 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 43.737 ng
RT: 7.980 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

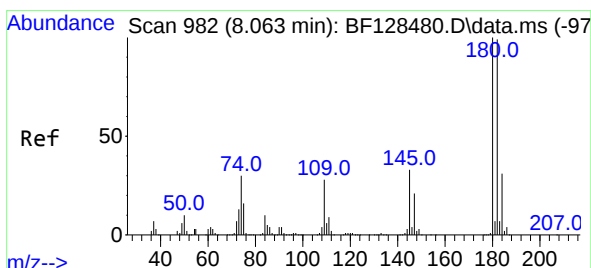
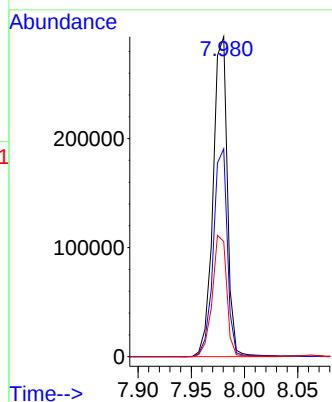
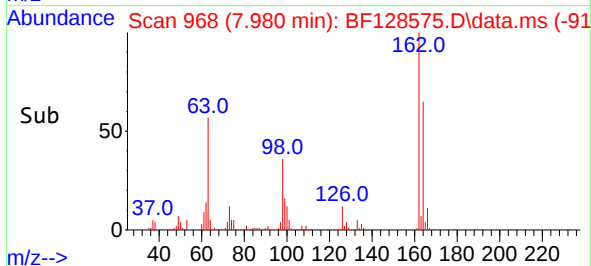
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



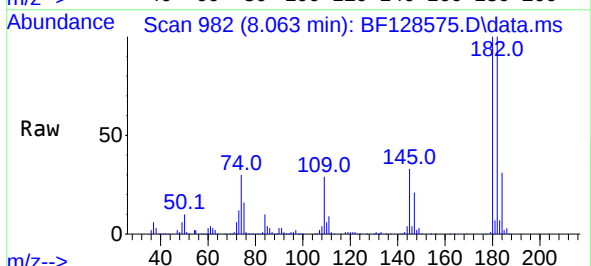
Tgt Ion:162 Resp: 273960
Ion Ratio Lower Upper
162 100
164 64.9 44.2 84.2
98 36.0 19.6 59.6

Manual Integrations
APPROVED

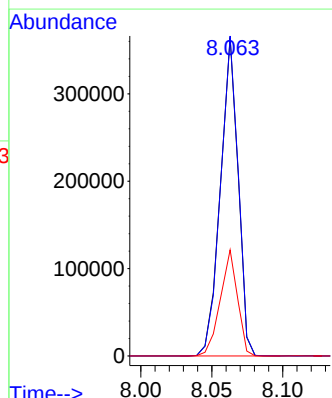
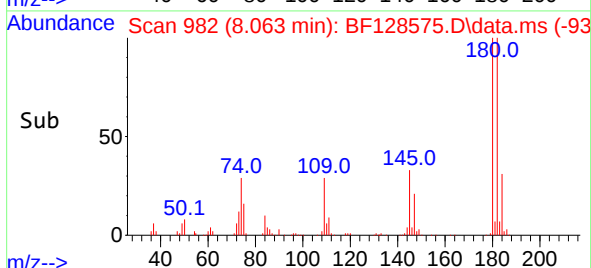
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

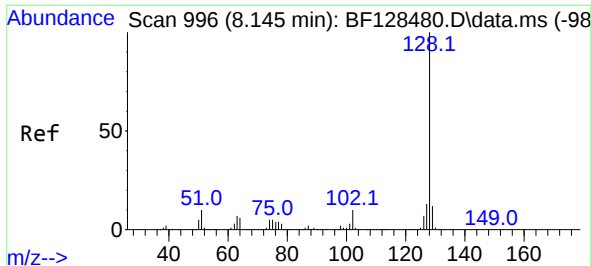


#30
1,2,4-Trichlorobenzene
Concen: 46.395 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



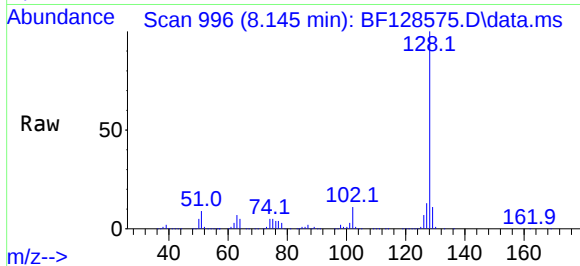
Tgt Ion:180 Resp: 314784
Ion Ratio Lower Upper
180 100
182 100.4 79.2 118.8
145 33.3 26.2 39.2





#31
Naphthalene
Concen: 45.959 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

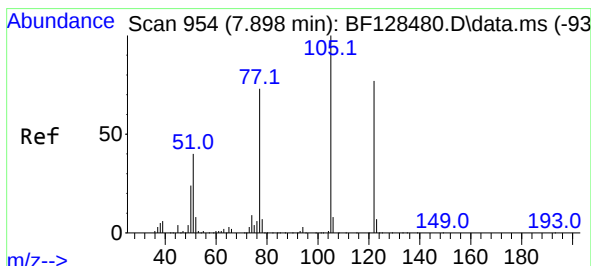
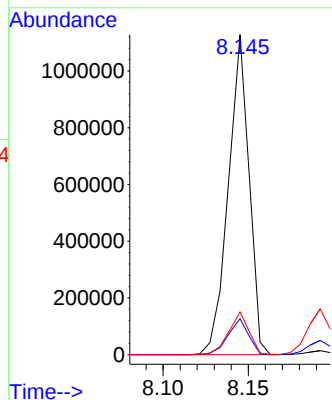
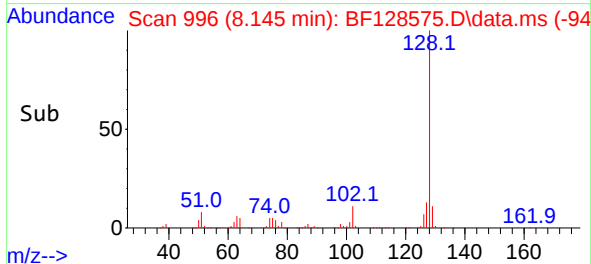
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:128 Resp: 956304
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.4 10.5 15.7

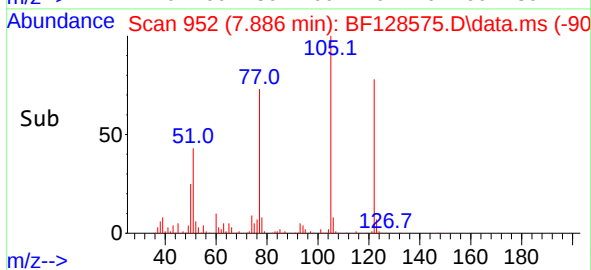
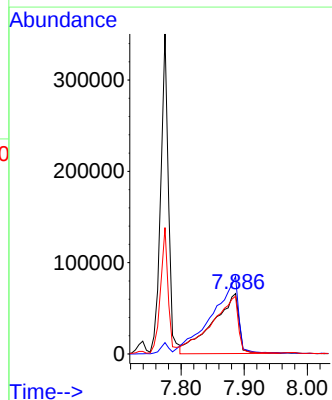
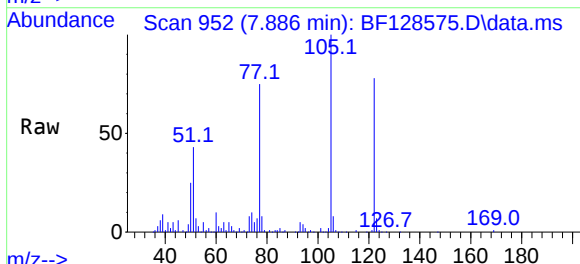
Manual Integrations
APPROVED

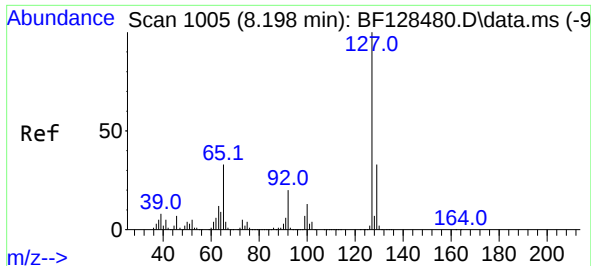
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#32
Benzoic acid
Concen: 44.767 ng
RT: 7.886 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

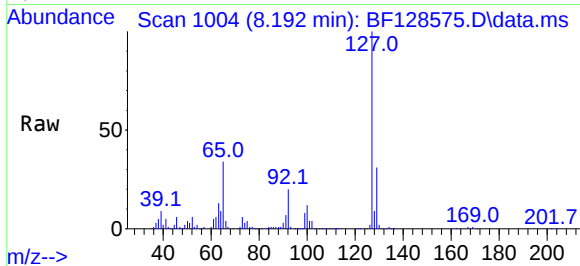
Tgt Ion:122 Resp: 191537
Ion Ratio Lower Upper
122 100
105 128.4 107.1 147.1
77 95.7 74.2 114.2





#33
4-Chloroaniline
Concen: 20.827 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

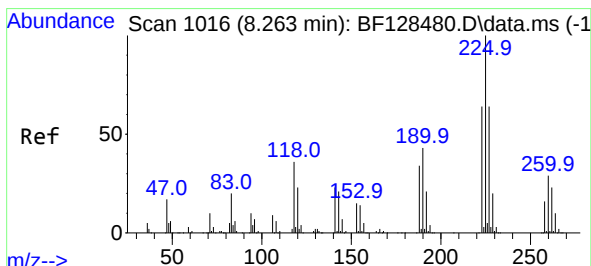
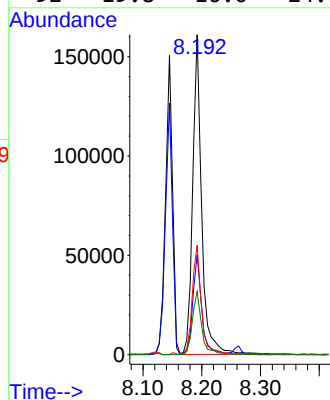
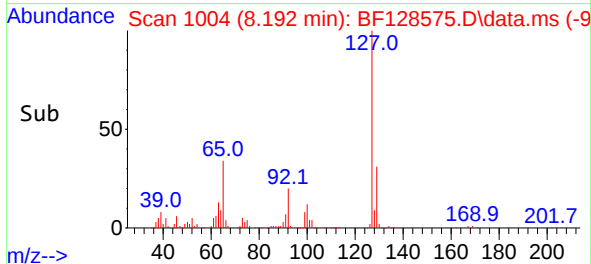
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:127 Resp: 172554
Ion Ratio Lower Upper
127 100
129 31.2 26.4 39.6
65 34.2 26.4 39.6
92 19.8 16.0 24.0

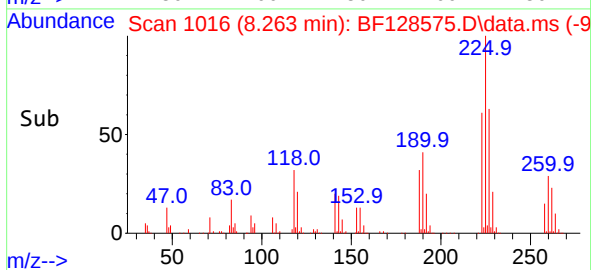
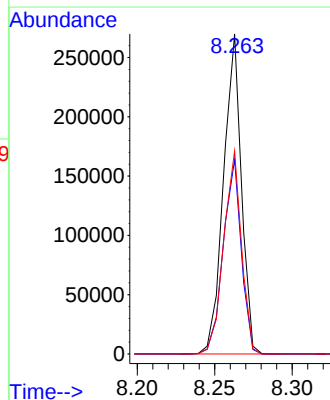
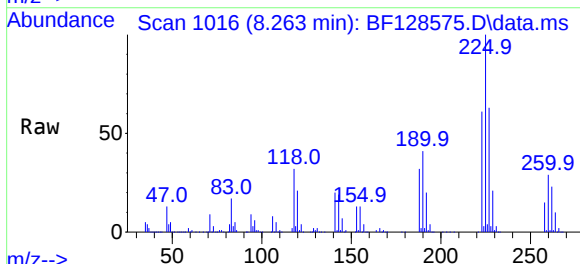
Manual Integrations
APPROVED

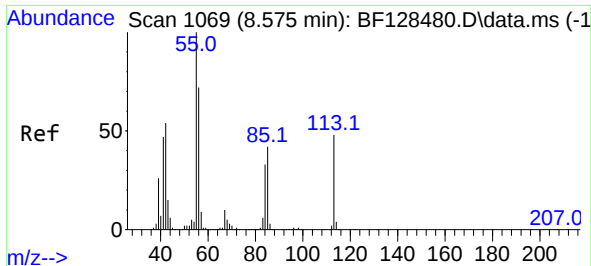
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#34
Hexachlorobutadiene
Concen: 50.440 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

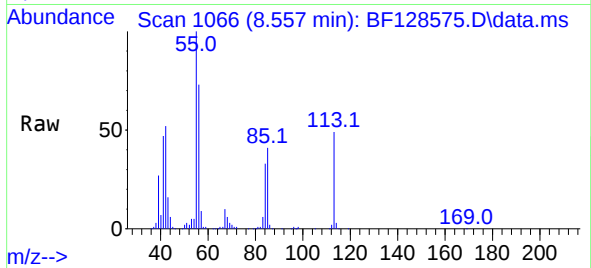
Tgt Ion:225 Resp: 216083
Ion Ratio Lower Upper
225 100
223 60.8 51.0 76.6
227 63.4 51.1 76.7





#35
Caprolactam
Concen: 39.899 ng
RT: 8.557 min Scan# 1066
Delta R.T. -0.018 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

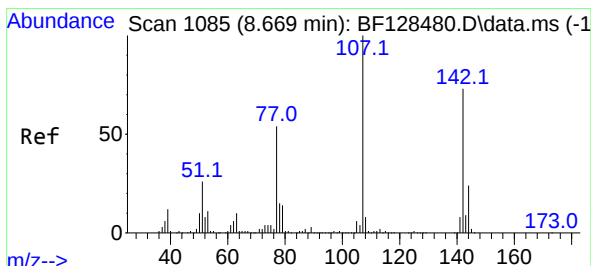
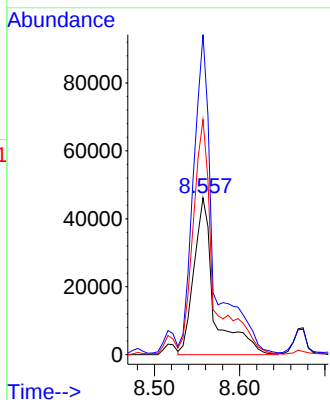
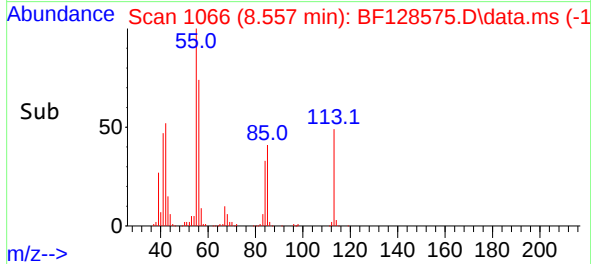
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



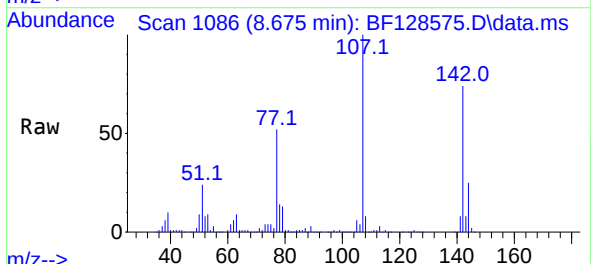
Tgt Ion:113 Resp: 77065
Ion Ratio Lower Upper
113 100
55 204.1 188.5 228.5
56 150.0 130.6 170.6

Manual Integrations
APPROVED

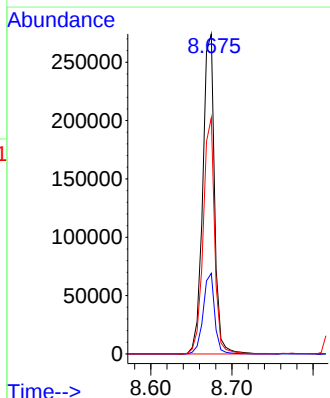
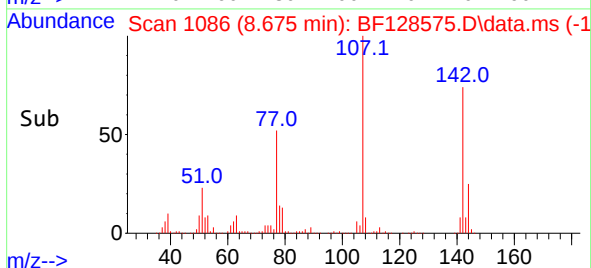
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

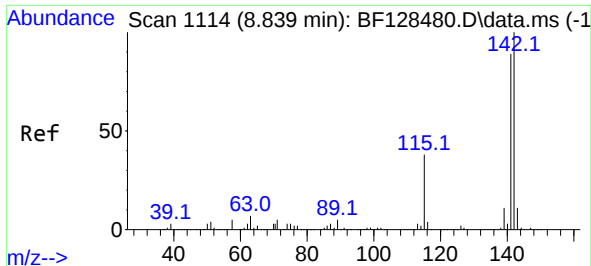


#36
4-Chloro-3-methylphenol
Concen: 42.793 ng
RT: 8.675 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



Tgt Ion:107 Resp: 275365
Ion Ratio Lower Upper
107 100
144 25.2 19.5 29.3
142 73.8 58.2 87.4





#37

2-Methylnaphthalene

Concen: 44.549 ng

RT: 8.833 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF128575.D

Acq: 29 May 2022 17:02

Instrument :

BNA_F

ClientSampleId :

P036-SS001-0612-01MSD

Tgt Ion:142 Resp: 585108

Ion Ratio Lower Upper

142 100

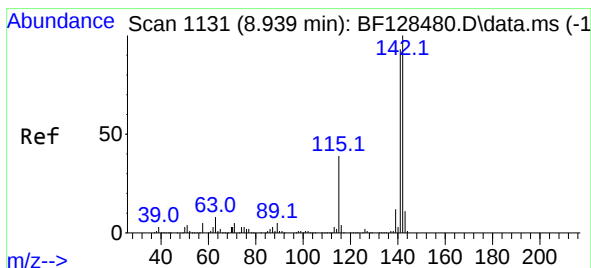
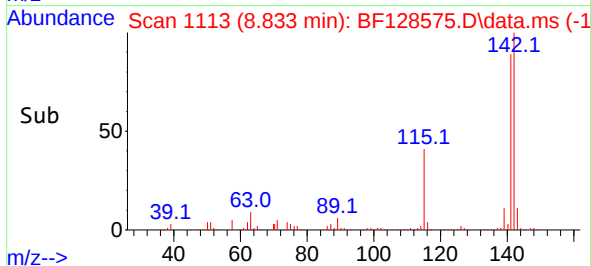
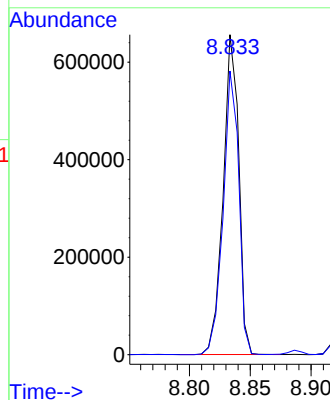
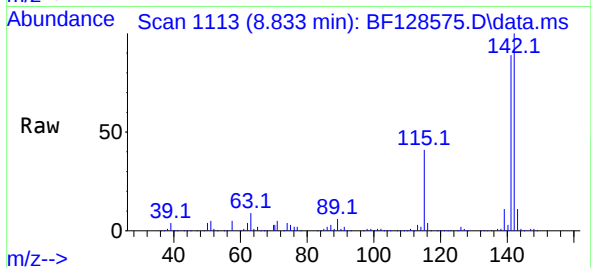
141 88.6 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#38

1-Methylnaphthalene

Concen: 43.574 ng

RT: 8.933 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BF128575.D

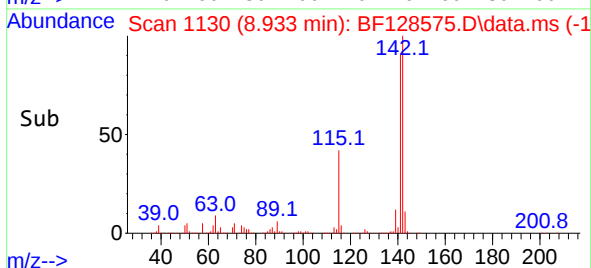
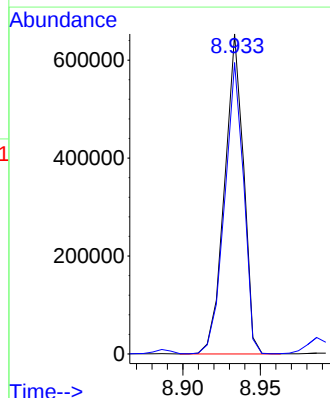
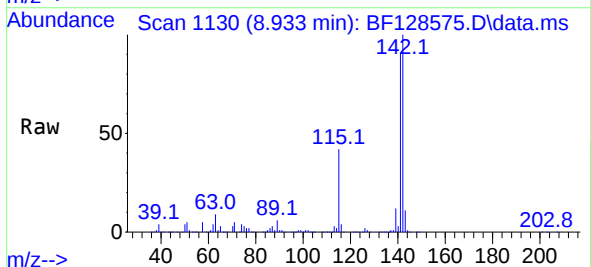
Acq: 29 May 2022 17:02

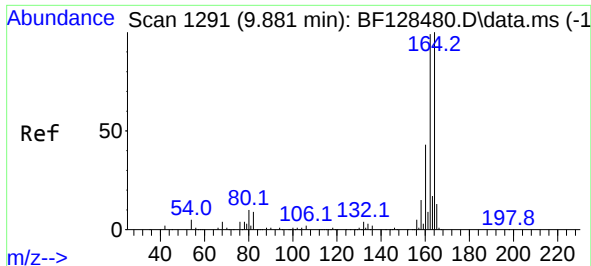
Tgt Ion:142 Resp: 556609

Ion Ratio Lower Upper

142 100

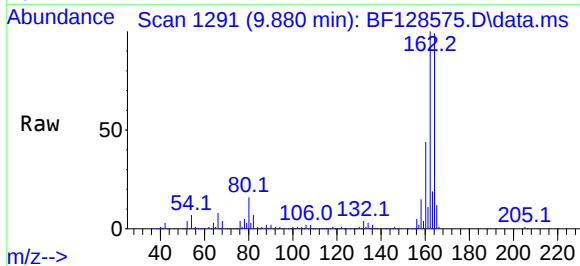
141 91.1 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 111
Delta R.T. -0.001 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

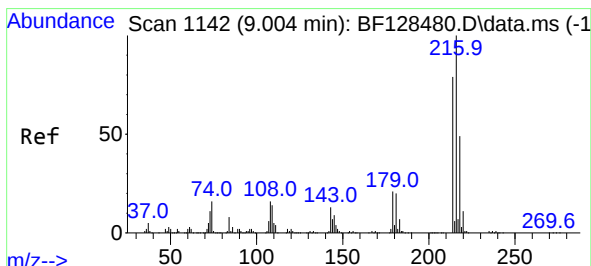
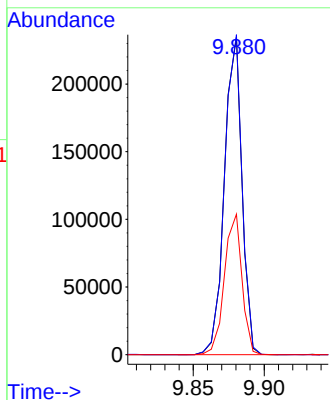
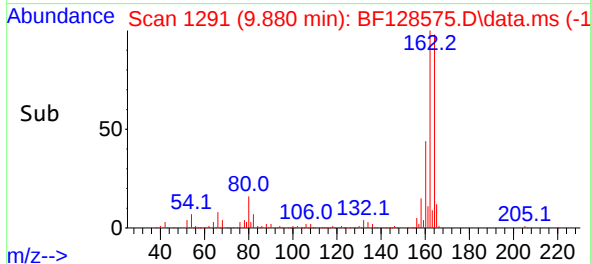
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



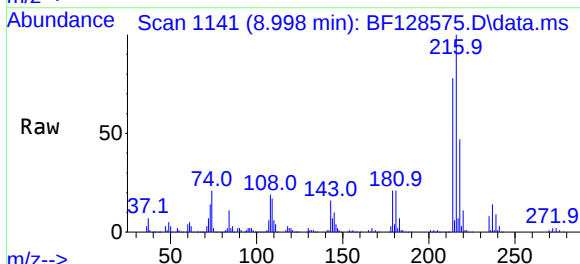
Tgt Ion:164 Resp: 201749
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 44.3 34.2 51.4

Manual Integrations
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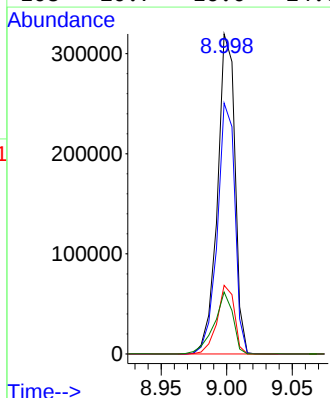
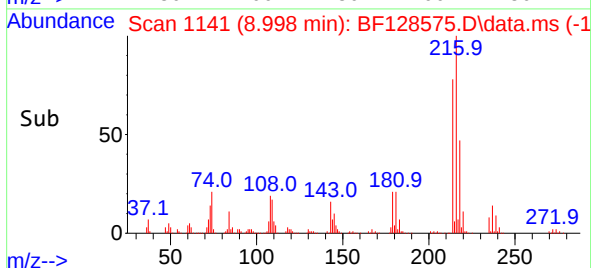
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

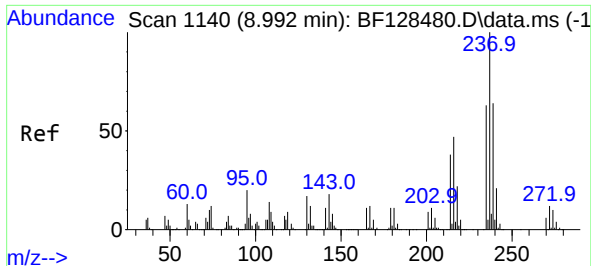


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.421 ng
RT: 8.998 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



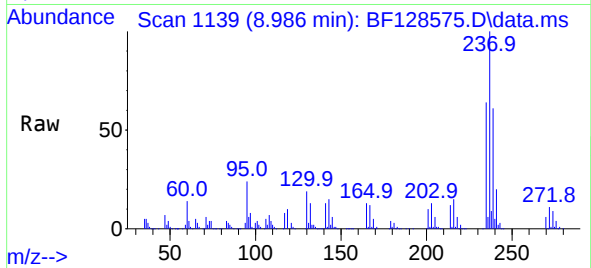
Tgt Ion:216 Resp: 295955
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 21.2 17.0 25.6
108 20.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 81.138 ng
RT: 8.986 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

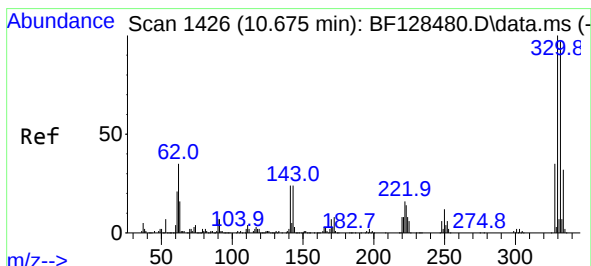
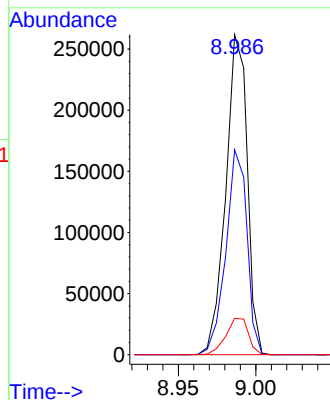
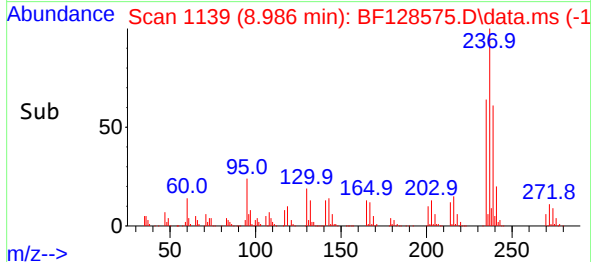
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



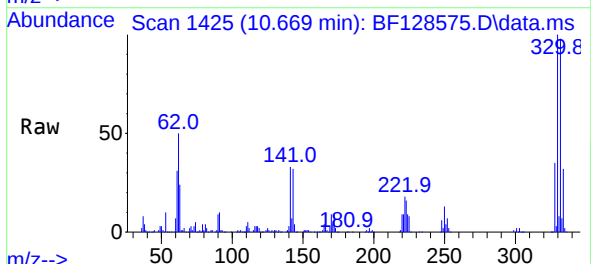
Tgt Ion:237 Resp: 25268
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 11.3 0.0 31.9

Manual Integrations
APPROVED

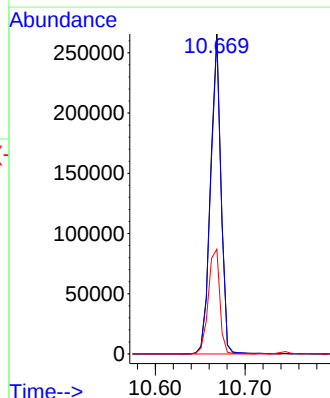
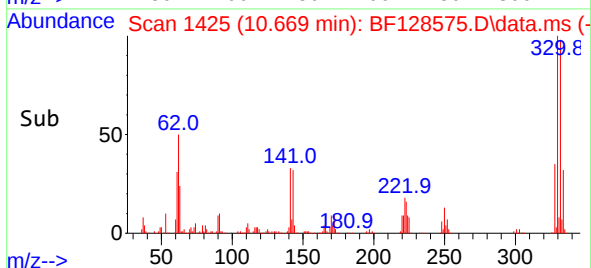
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

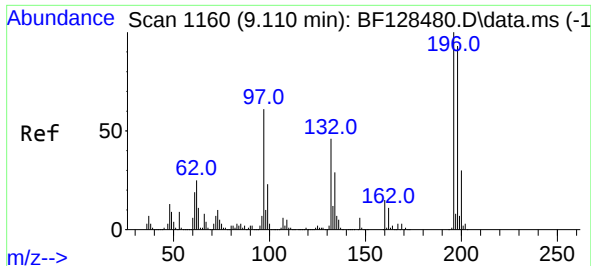


#42
2,4,6-Tribromophenol
Concen: 112.342 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



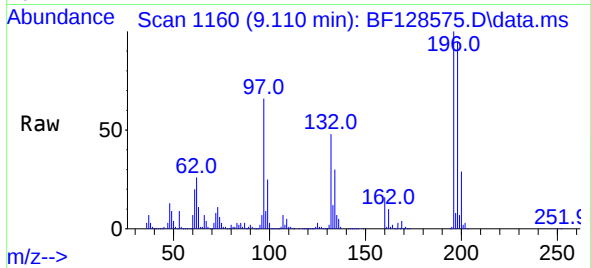
Tgt Ion:330 Resp: 215731
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 35.9 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 46.577 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

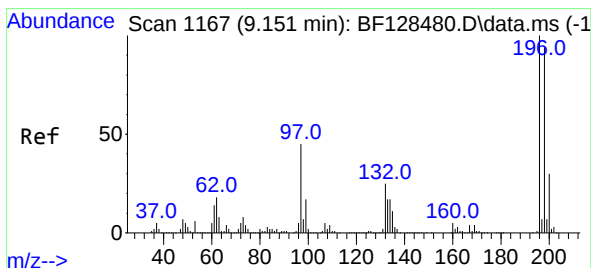
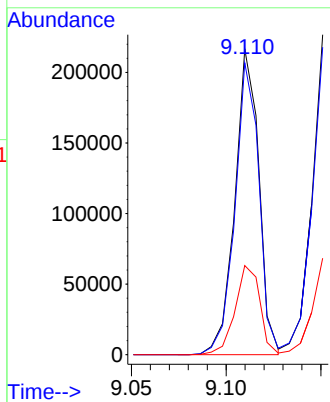
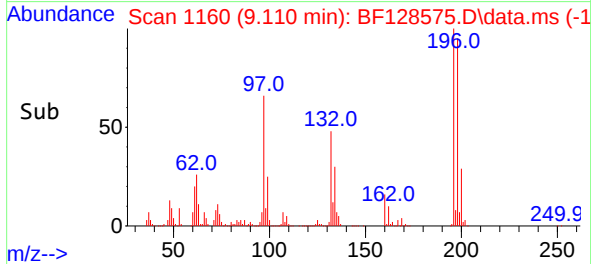
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



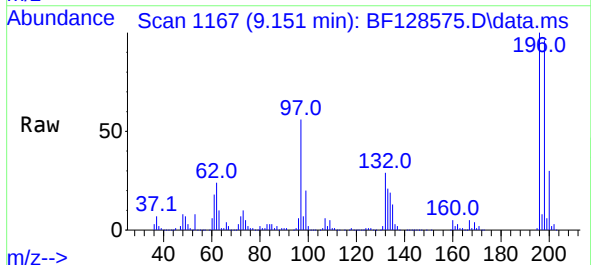
Tgt Ion:196 Resp: 190289
Ion Ratio Lower Upper
196 100
198 95.5 74.0 111.0
200 29.1 24.1 36.1

Manual Integrations
APPROVED

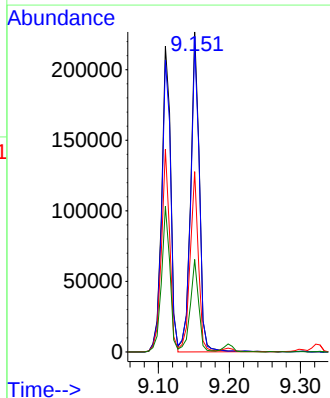
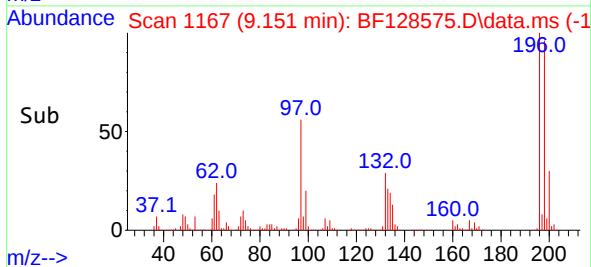
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

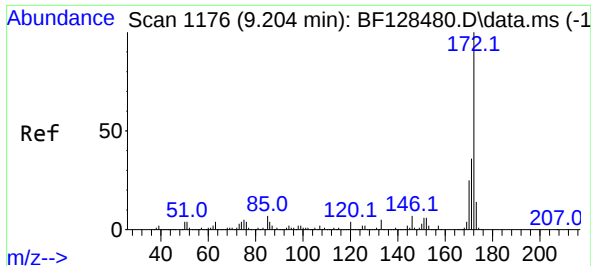


#44
2,4,5-Trichlorophenol
Concen: 45.978 ng
RT: 9.151 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



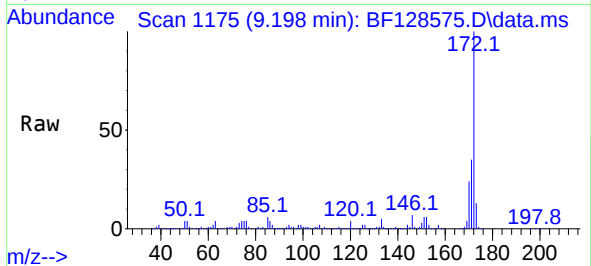
Tgt Ion:196 Resp: 193543
Ion Ratio Lower Upper
196 100
198 96.1 75.7 113.5
97 56.4 36.4 54.6#
132 28.9 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 81.216 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

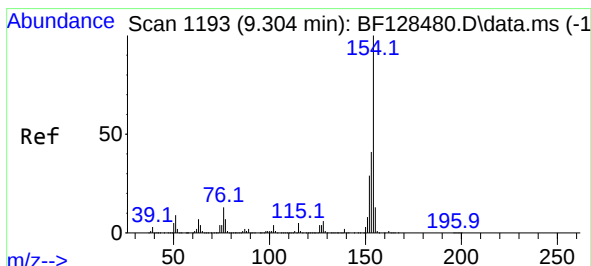
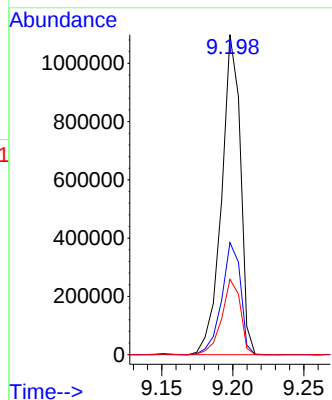
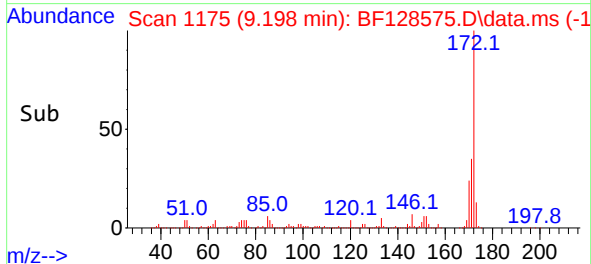
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



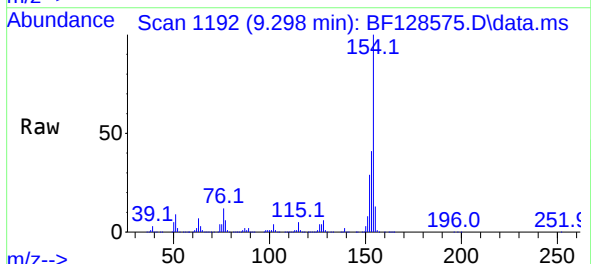
Tgt Ion:172 Resp: 1008549
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.5 19.8 29.8

Manual Integrations
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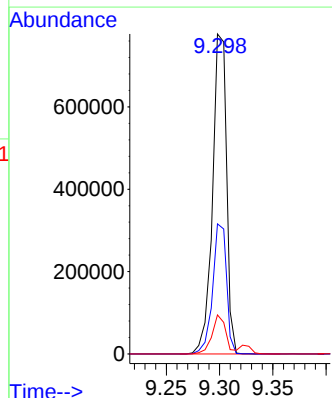
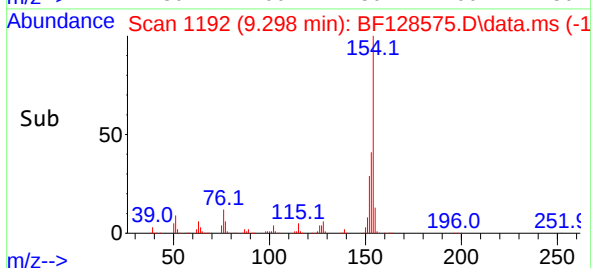
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

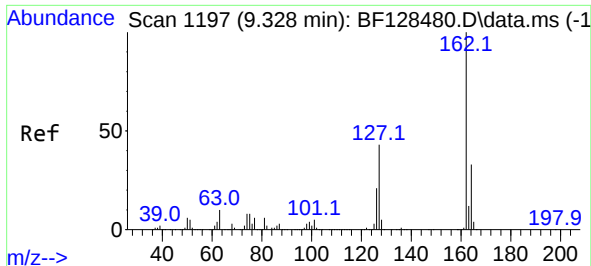


#46
1,1'-Biphenyl
Concen: 50.305 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



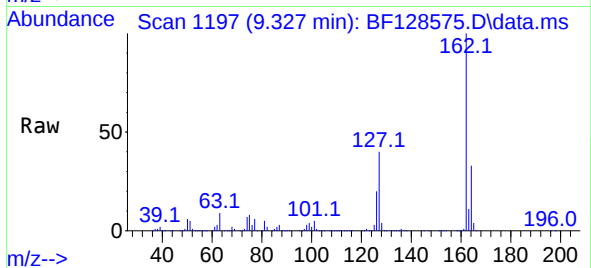
Tgt Ion:154 Resp: 712633
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.2 0.0 33.3





#47
2-Chloronaphthalene
Concen: 48.710 ng
RT: 9.327 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

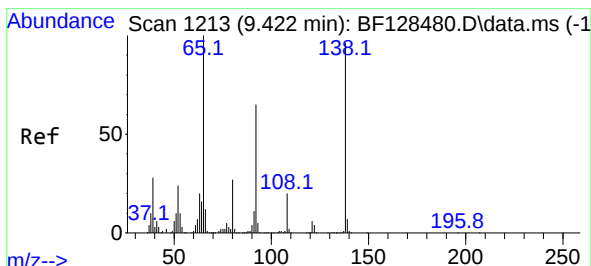
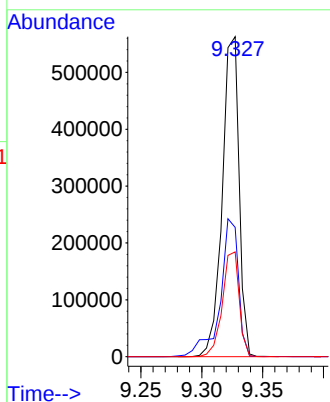
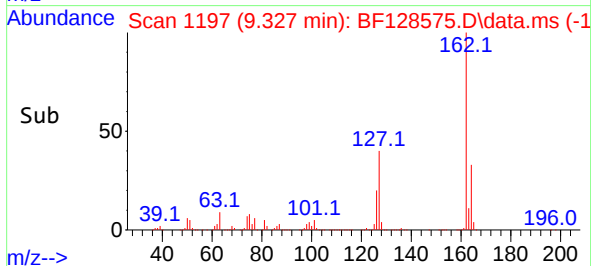
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



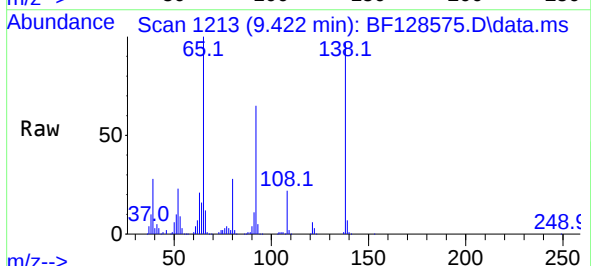
Tgt Ion:162 Resp: 54168
Ion Ratio Lower Upper
162 100
127 40.4 34.5 51.7
164 32.7 26.5 39.7

Manual Integrations
APPROVED

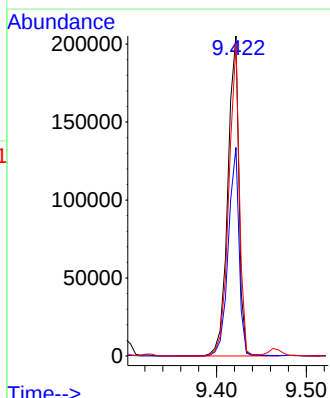
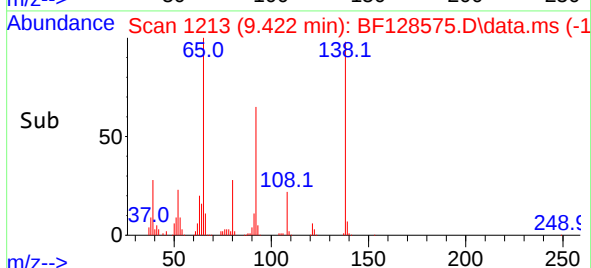
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

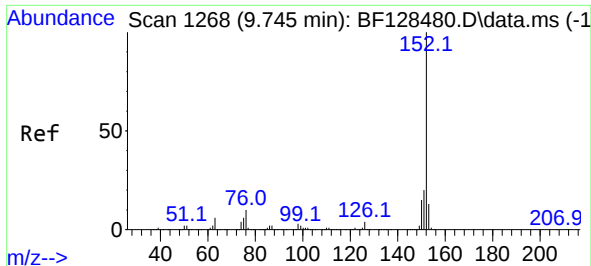


#48
2-Nitroaniline
Concen: 57.119 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



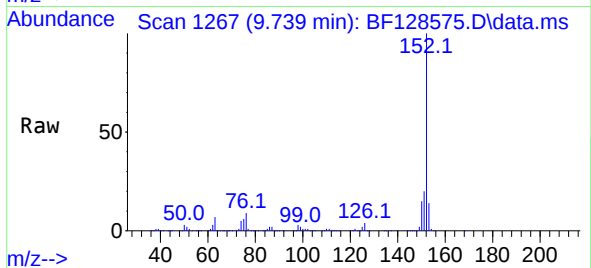
Tgt Ion: 65 Resp: 176633
Ion Ratio Lower Upper
65 100
92 65.2 51.9 77.9
138 97.5 76.4 114.6





#49
Acenaphthylene
Concen: 48.984 ng
RT: 9.739 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

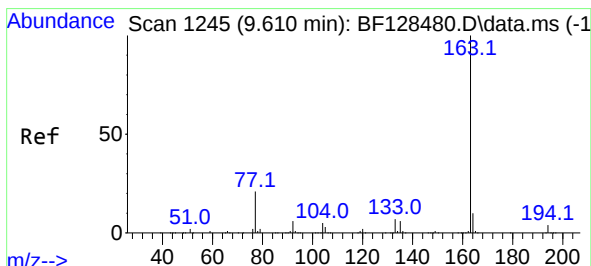
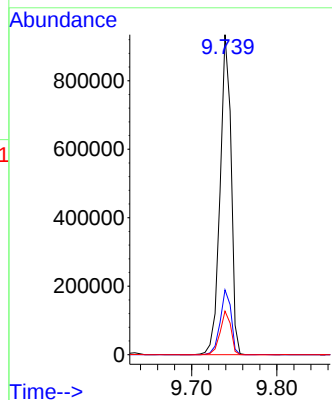
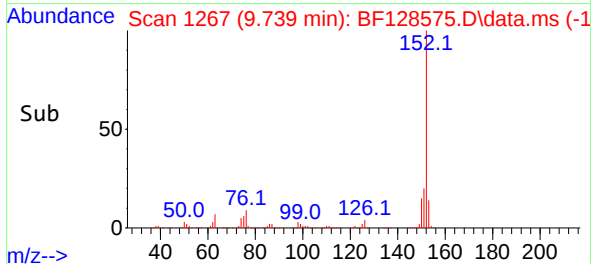
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:152 Resp: 83683
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.6 10.7 16.1

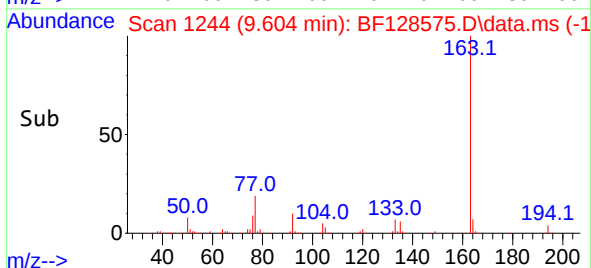
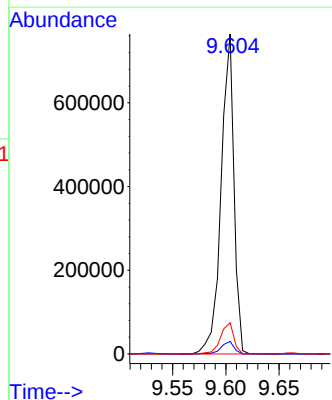
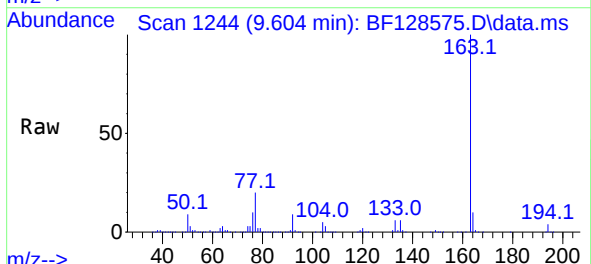
Manual Integrations
APPROVED

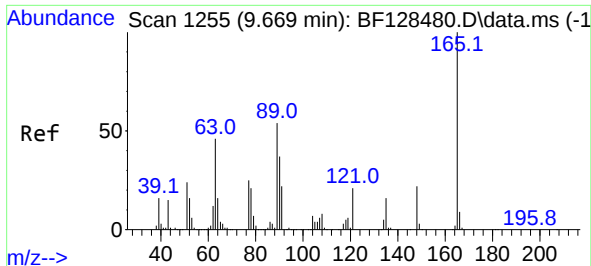
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#50
Dimethylphthalate
Concen: 48.853 ng
RT: 9.604 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

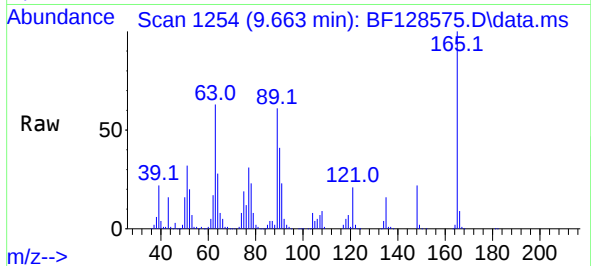
Tgt Ion:163 Resp: 639322
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 55.176 ng
RT: 9.663 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

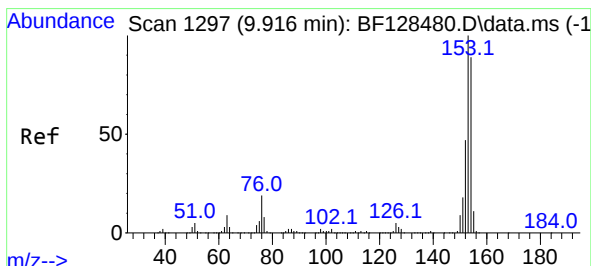
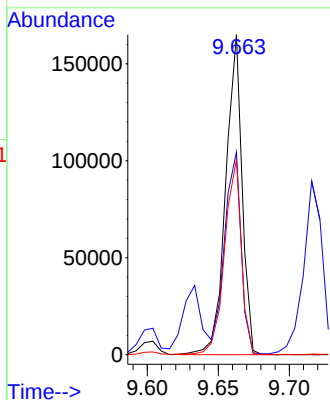
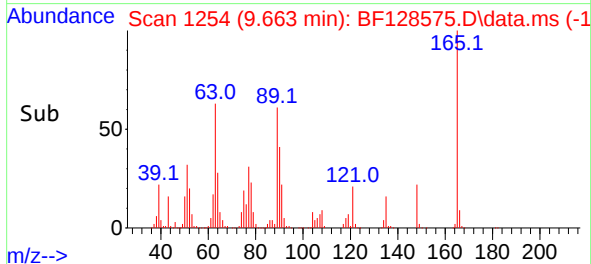
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:165 Resp: 132330
Ion Ratio Lower Upper
165 100
63 63.4 44.9 67.3
89 61.0 43.6 65.4

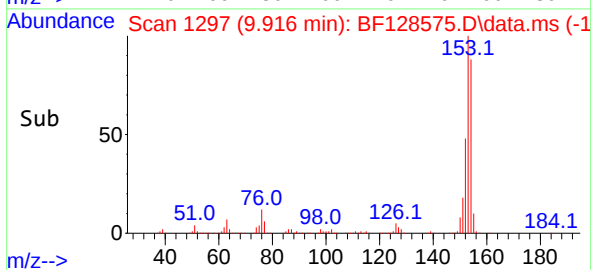
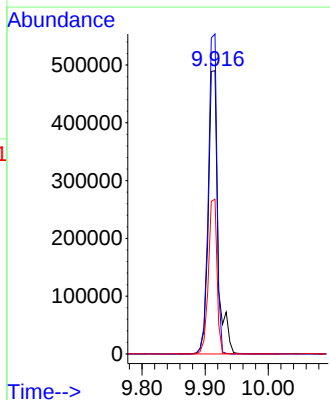
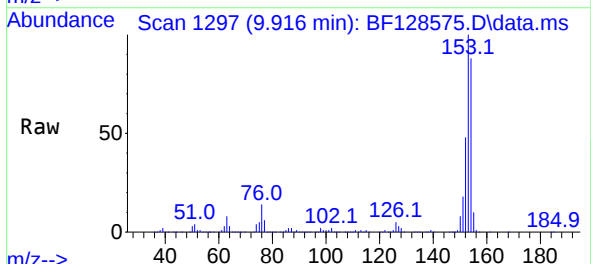
Manual Integrations
APPROVED

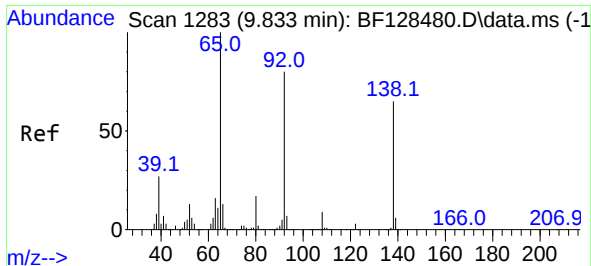
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#52
Acenaphthene
Concen: 49.759 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

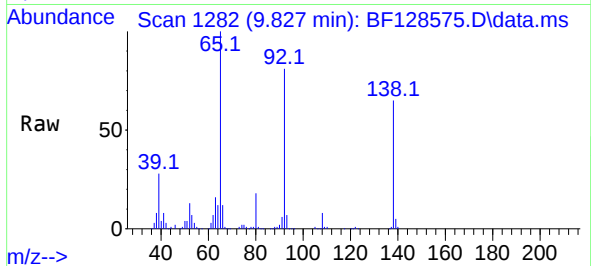
Tgt Ion:154 Resp: 524479
Ion Ratio Lower Upper
154 100
153 113.0 89.6 134.4
152 54.6 42.4 63.6





#53
3-Nitroaniline
Concen: 35.020 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

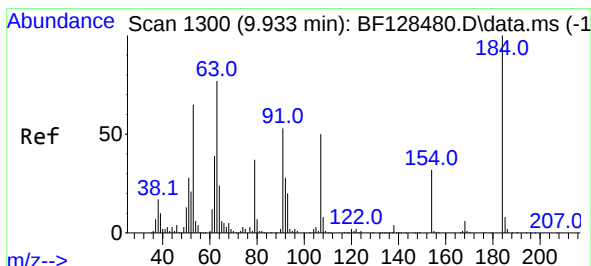
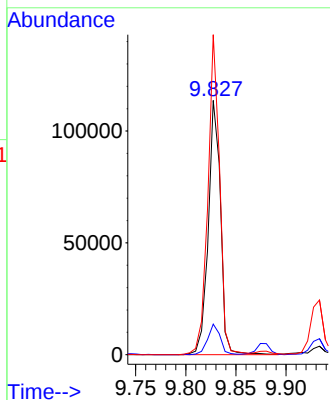
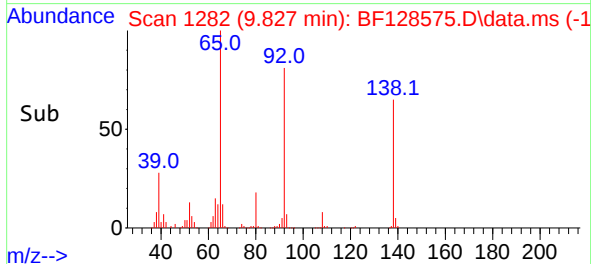
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:138 Resp: 97000
Ion Ratio Lower Upper
138 100
108 12.0 10.9 16.3
92 125.9 98.2 147.2

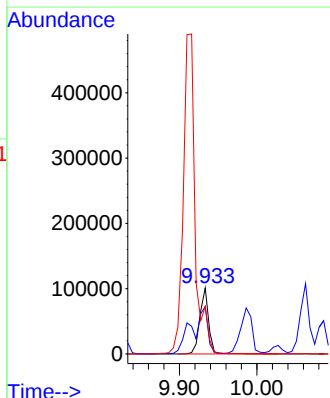
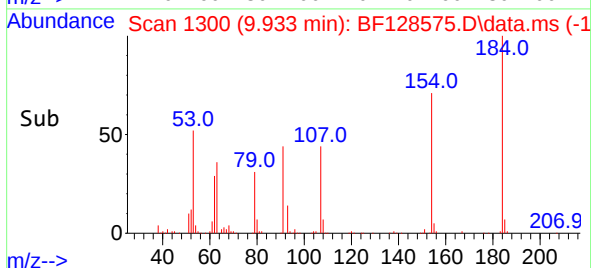
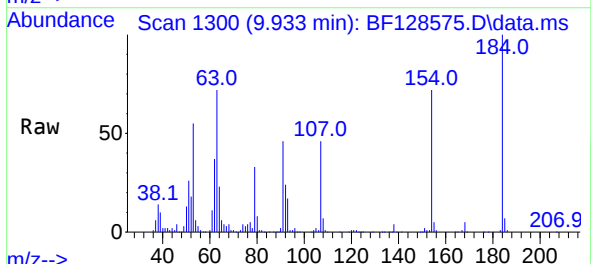
Manual Integrations
APPROVED

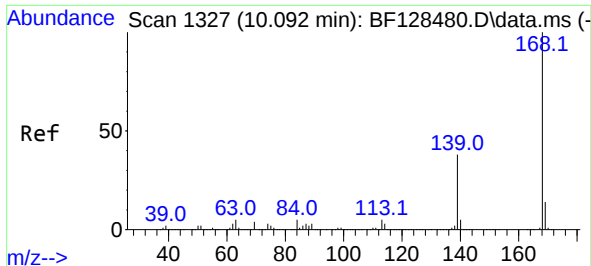
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#54
2,4-Dinitrophenol
Concen: 66.960 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

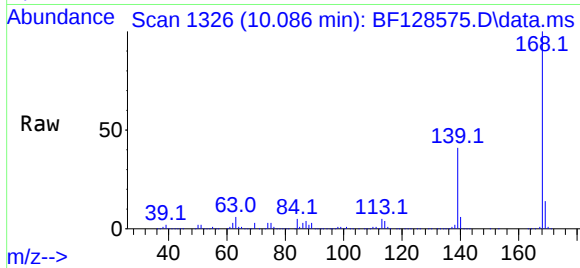
Tgt Ion:184 Resp: 79980
Ion Ratio Lower Upper
184 100
63 71.8 64.5 96.7
154 71.7 50.6 75.8





#55
Dibenzenofuran
Concen: 45.275 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

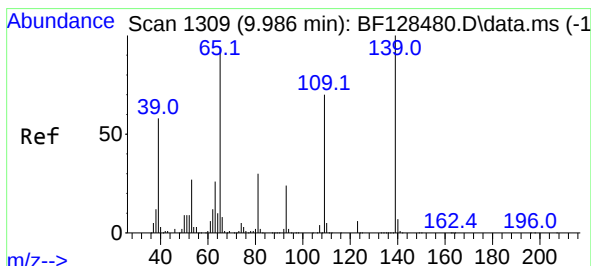
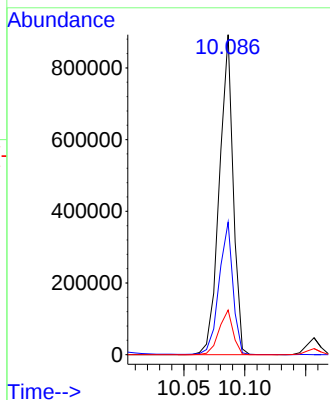
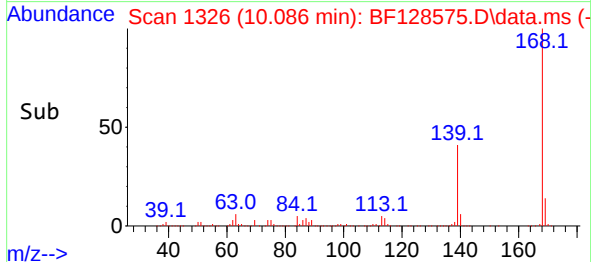
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:168 Resp: 70804
Ion Ratio Lower Upper
168 100
139 41.4 30.6 46.0
169 14.0 11.0 16.6

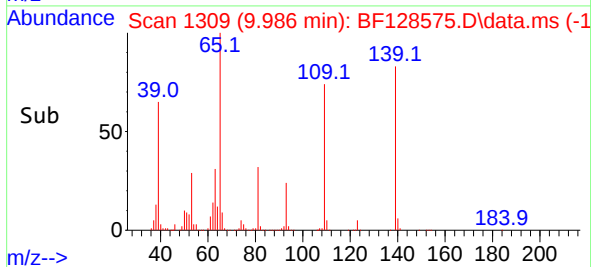
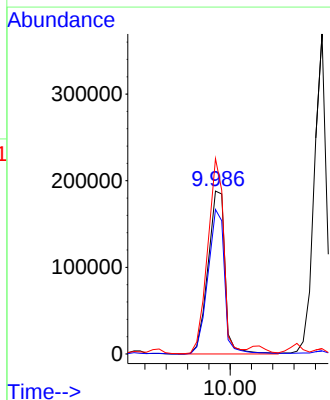
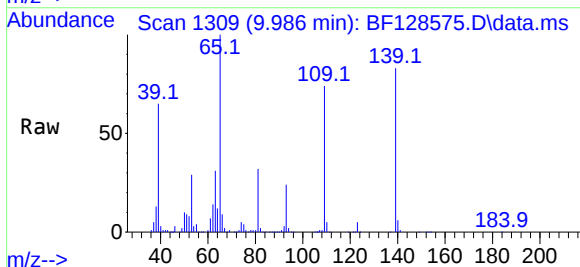
Manual Integrations
APPROVED

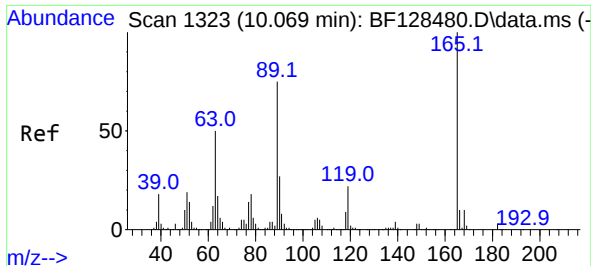
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#56
4-Nitrophenol
Concen: 92.679 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

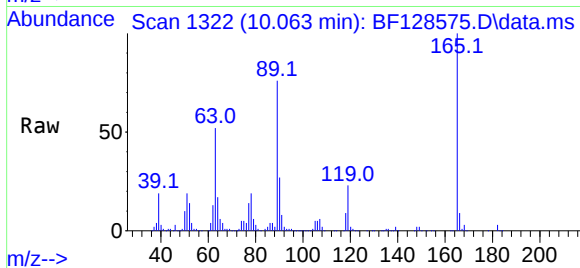
Tgt Ion:139 Resp: 208308
Ion Ratio Lower Upper
139 100
109 88.7 50.7 90.7
65 120.0 74.5 114.5#





#57
2,4-Dinitrotoluene
Concen: 58.631 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

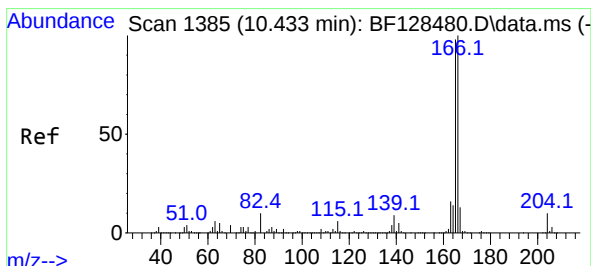
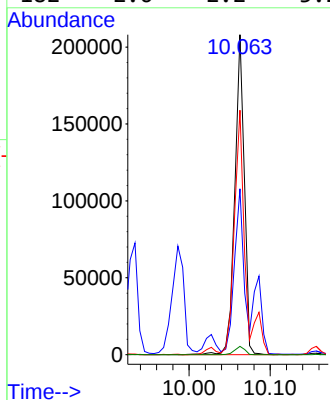
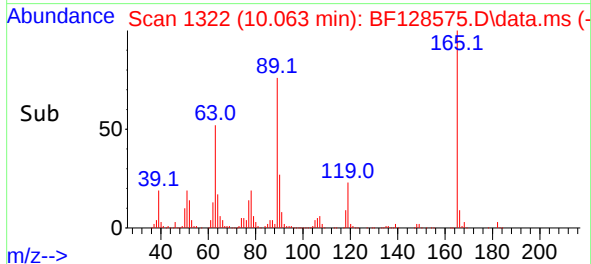
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



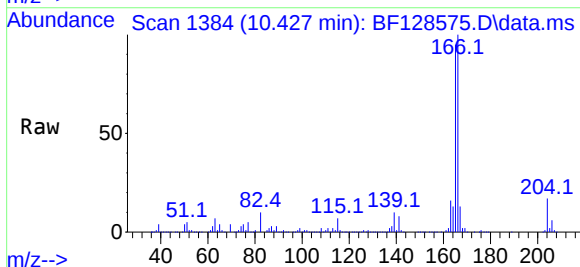
Tgt Ion:165 Resp: 168230
Ion Ratio Lower Upper
165 100
63 51.9 39.8 59.6
89 76.4 60.2 90.2
182 2.6 2.2 3.2

Manual Integrations
APPROVED

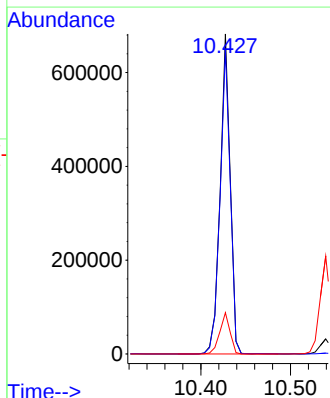
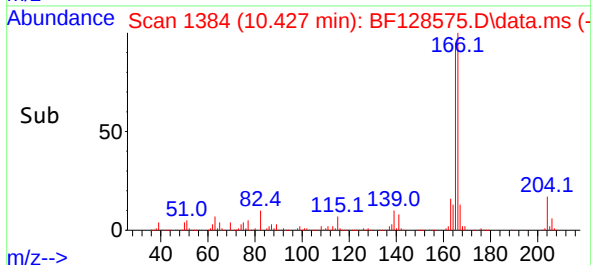
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

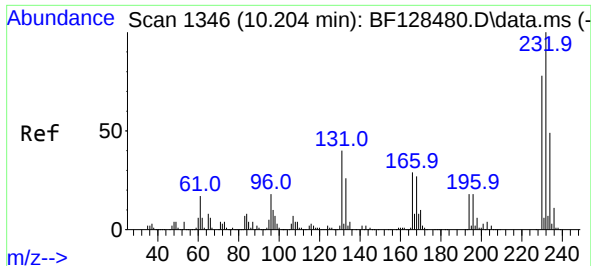


#58
Fluorene
Concen: 47.162 ng
RT: 10.427 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



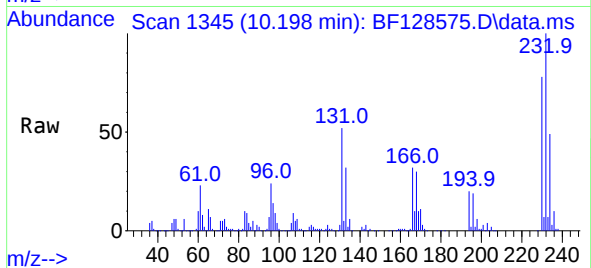
Tgt Ion:166 Resp: 530969
Ion Ratio Lower Upper
166 100
165 95.3 78.1 117.1
167 12.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.338 ng
RT: 10.198 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

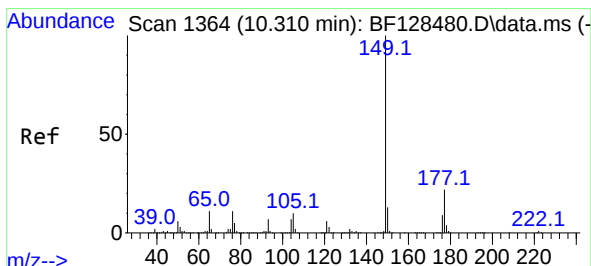
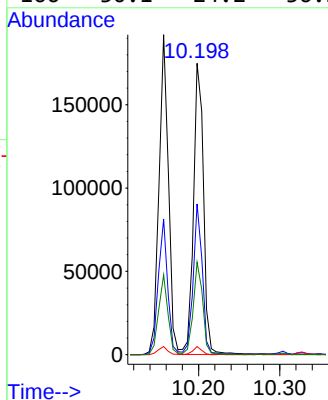
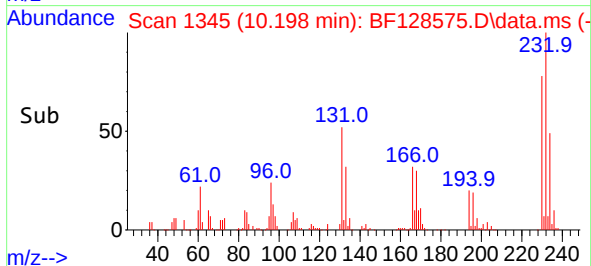
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



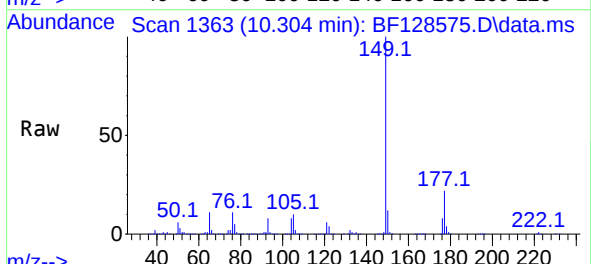
Tgt Ion:232 Resp: 151250
Ion Ratio Lower Upper
232 100
131 46.4 36.1 54.1
130 2.5 1.8 2.8
166 30.1 24.2 36.2

Manual Integrations
APPROVED

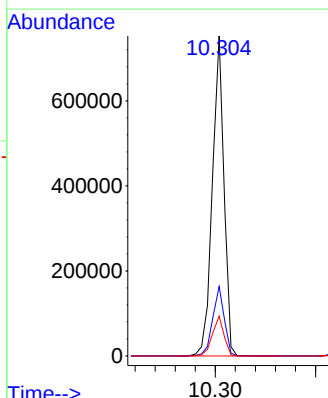
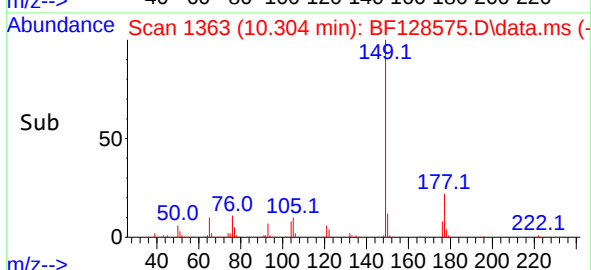
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

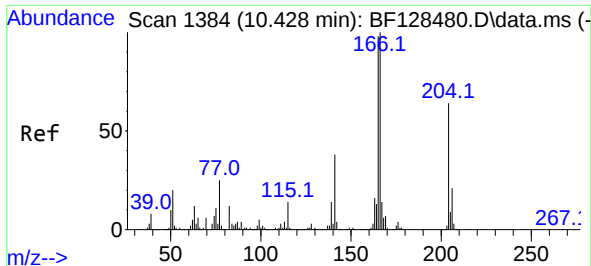


#60
Diethylphthalate
Concen: 47.600 ng
RT: 10.304 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



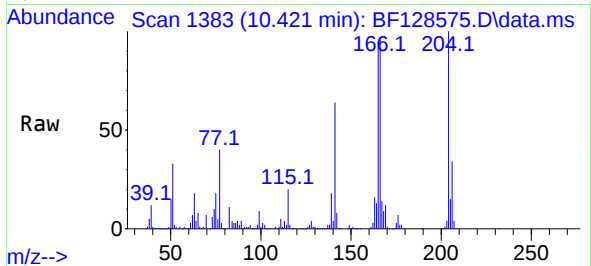
Tgt Ion:149 Resp: 605112
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.076 ng
RT: 10.421 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

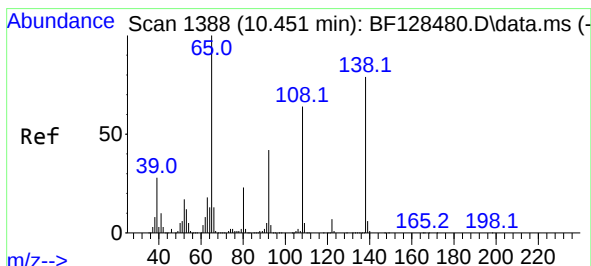
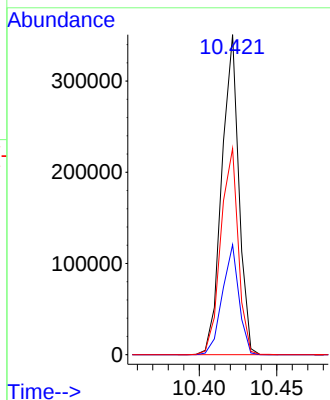
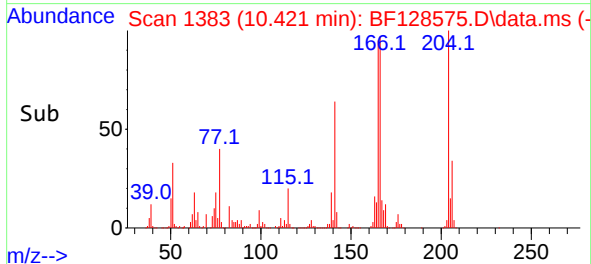
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



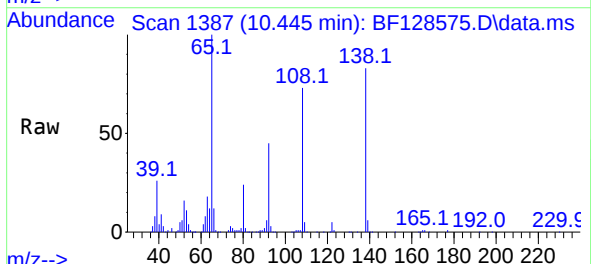
Tgt Ion:204 Resp: 268900
Ion Ratio Lower Upper
204 100
206 34.3 25.8 38.6
141 64.5 47.0 70.4

Manual Integrations
APPROVED

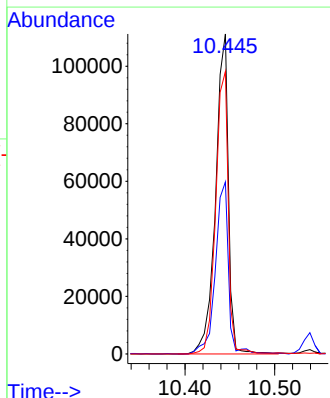
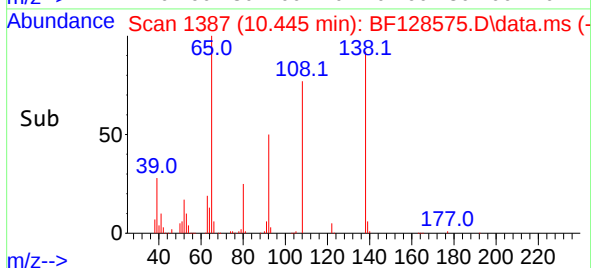
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

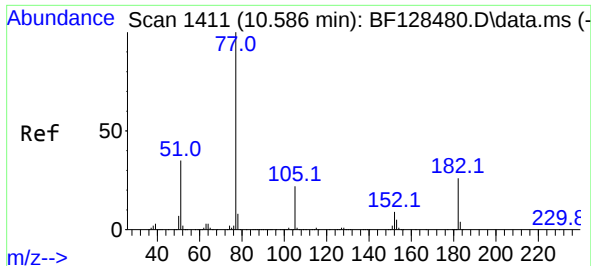


#62
4-Nitroaniline
Concen: 41.732 ng
RT: 10.445 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



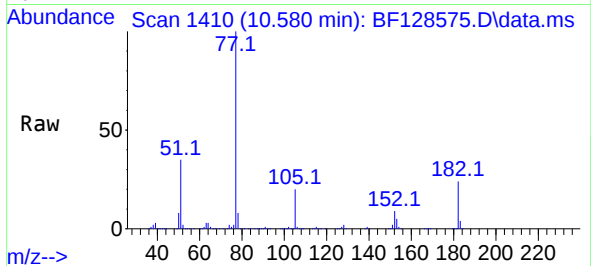
Tgt Ion:138 Resp: 110671
Ion Ratio Lower Upper
138 100
92 53.8 33.5 73.5
108 88.3 61.0 101.0





#63
Azobenzene
Concen: 43.800 ng
RT: 10.580 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

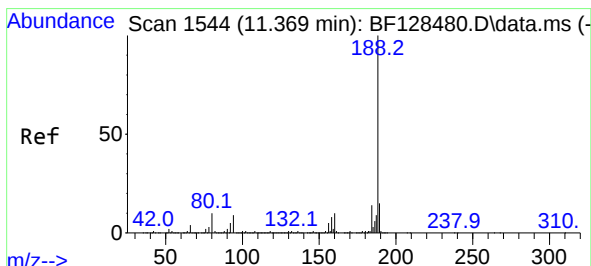
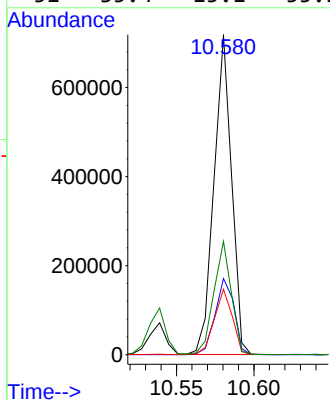
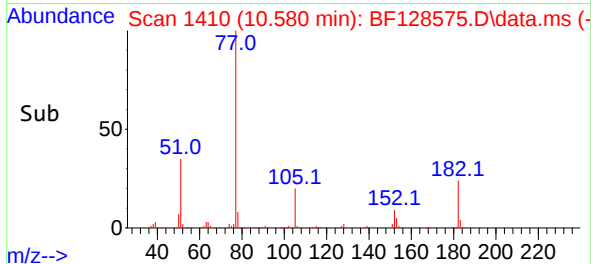
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion: 77 Resp: 566858
Ion Ratio Lower Upper
77 100
182 23.8 5.6 45.6
105 20.5 1.6 41.6
51 35.4 15.1 55.1

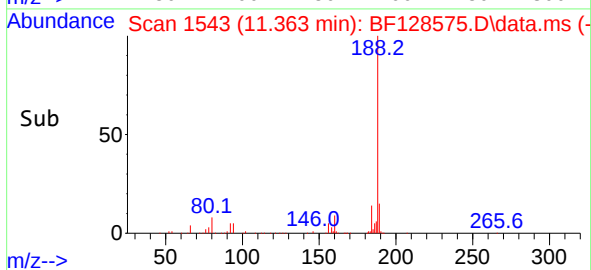
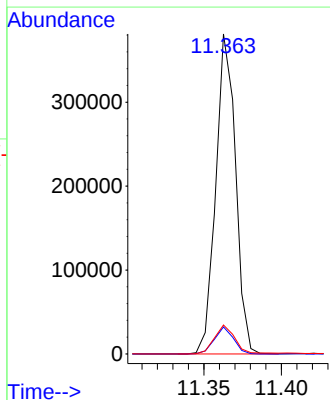
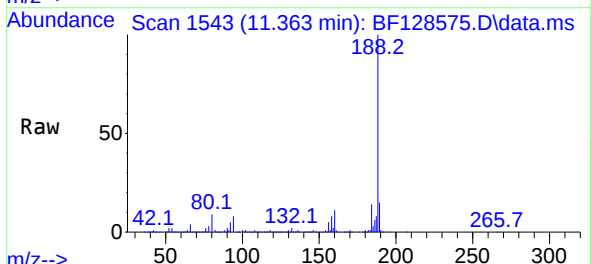
Manual Integrations
APPROVED

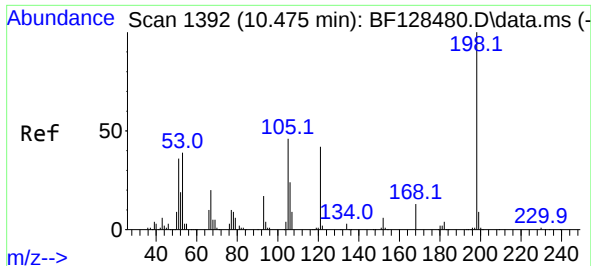
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

Tgt Ion:188 Resp: 338282
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.1 7.6 11.4





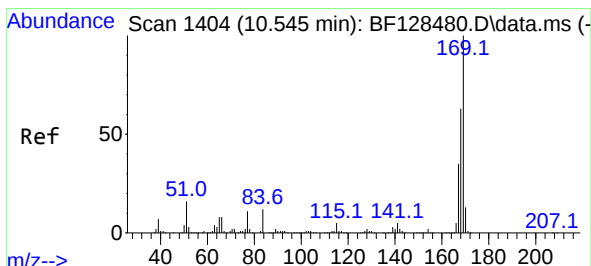
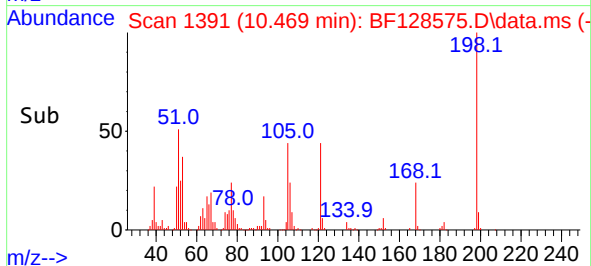
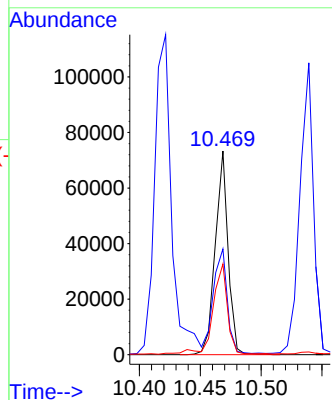
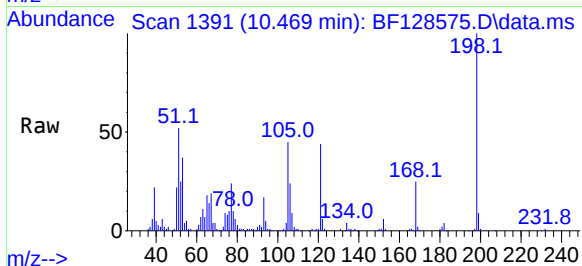
#65
4,6-Dinitro-2-methylphenol
Concen: 36.060 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD

Tgt Ion:198 Resp: 5395
Ion Ratio Lower Upper
198 100
51 52.0 37.6 77.6
105 44.5 27.0 67.0

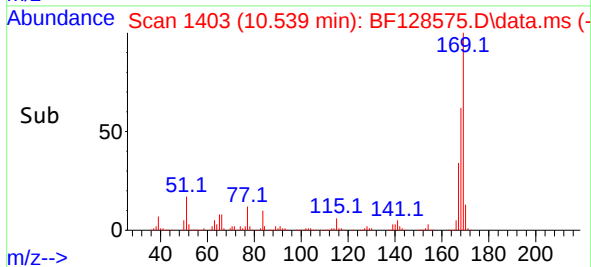
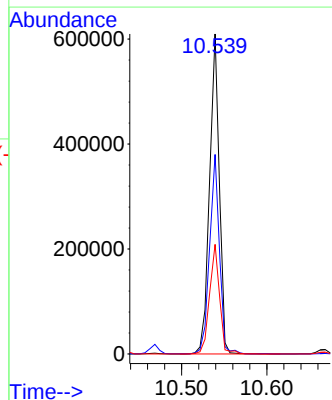
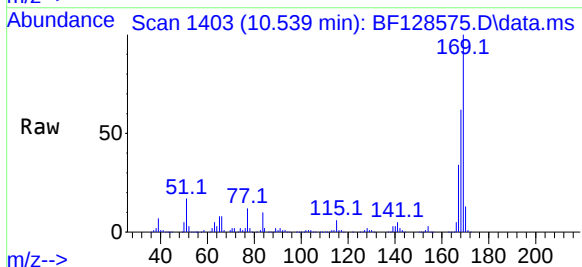
Manual Integrations
APPROVED

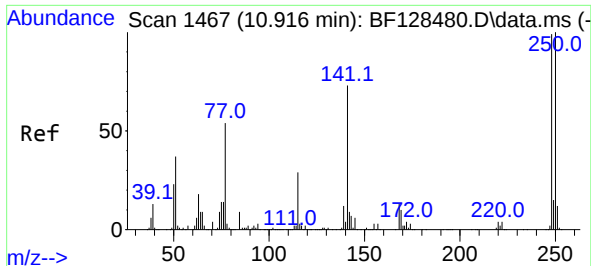
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#66
n-Nitrosodiphenylamine
Concen: 47.826 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

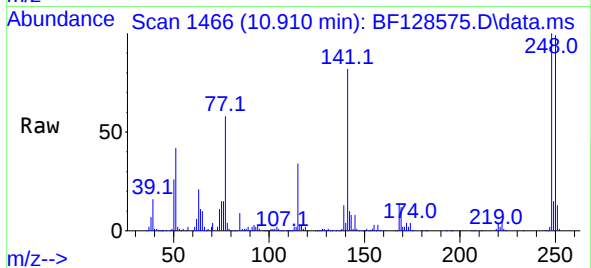
Tgt Ion:169 Resp: 484377
Ion Ratio Lower Upper
169 100
168 62.3 50.1 75.1
167 34.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 47.817 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

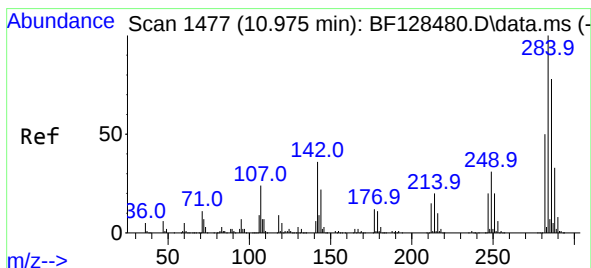
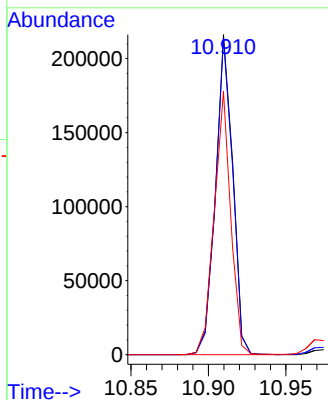
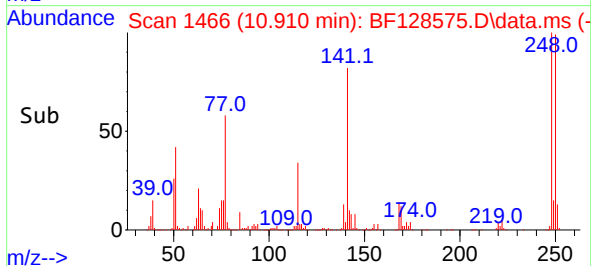
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



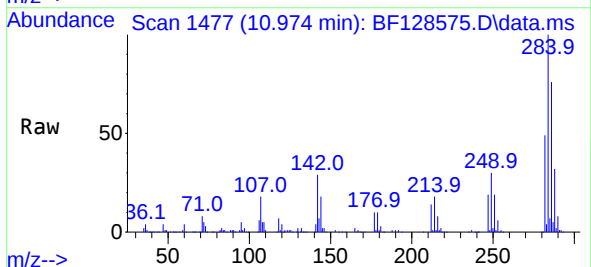
Tgt Ion:248 Resp: 167124
Ion Ratio Lower Upper
248 100
250 98.8 80.6 120.8
141 82.3 58.9 88.3

Manual Integrations
APPROVED

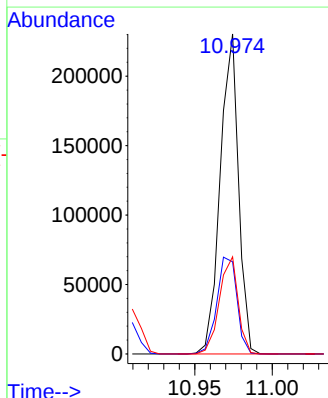
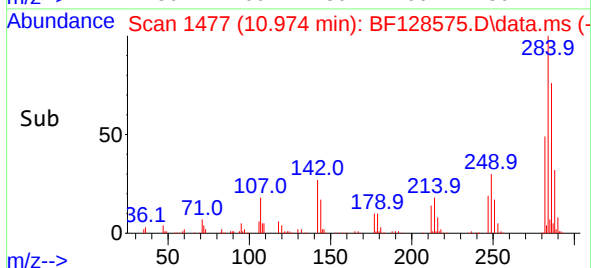
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

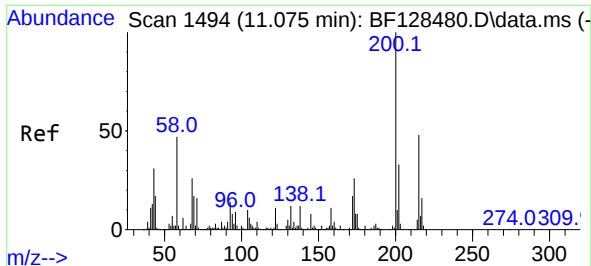


#68
Hexachlorobenzene
Concen: 49.011 ng
RT: 10.974 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



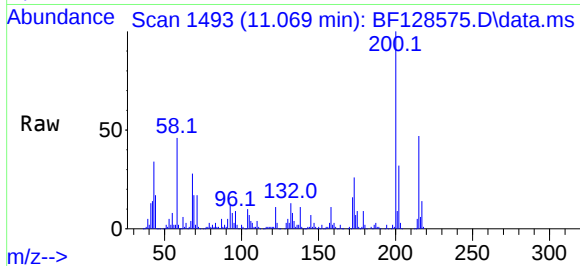
Tgt Ion:284 Resp: 189165
Ion Ratio Lower Upper
284 100
142 28.8 29.0 43.4#
249 30.4 25.0 37.6





#69
Atrazine
Concen: 49.839 ng
RT: 11.069 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

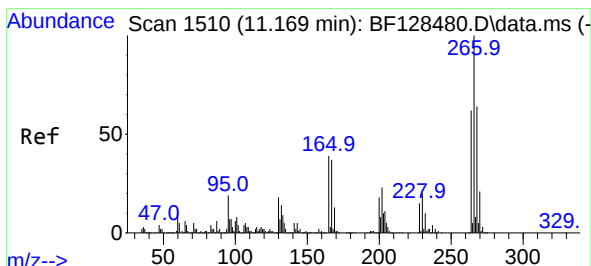
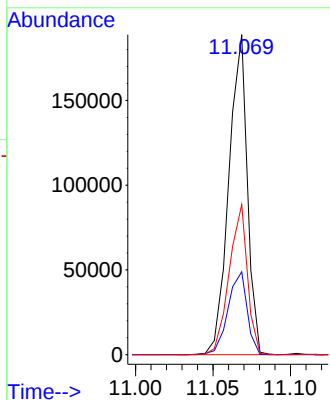
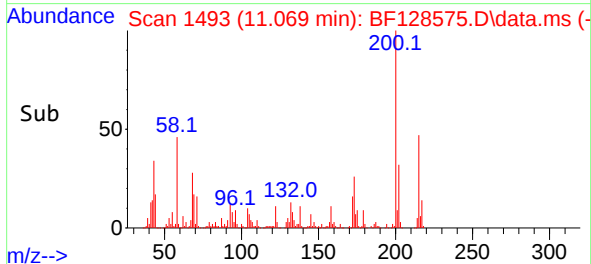
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



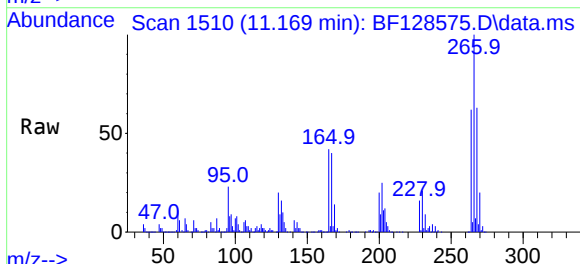
Tgt Ion:200 Resp: 156650
Ion Ratio Lower Upper
200 100
173 25.9 6.3 46.3
215 46.9 28.3 68.3

Manual Integrations
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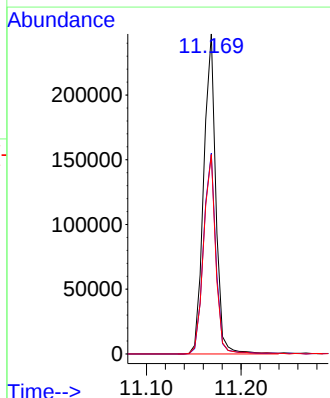
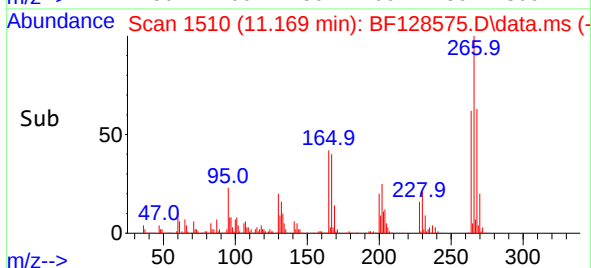
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

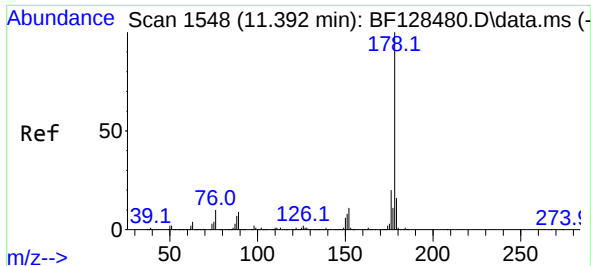


#70
Pentachlorophenol
Concen: 93.113 ng
RT: 11.169 min Scan# 1510
Delta R.T. -0.001 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



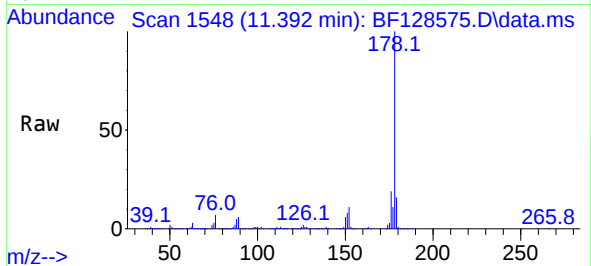
Tgt Ion:266 Resp: 219001
Ion Ratio Lower Upper
266 100
268 62.7 51.0 76.4
264 62.3 49.4 74.2





#71
Phenanthrene
Concen: 47.216 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

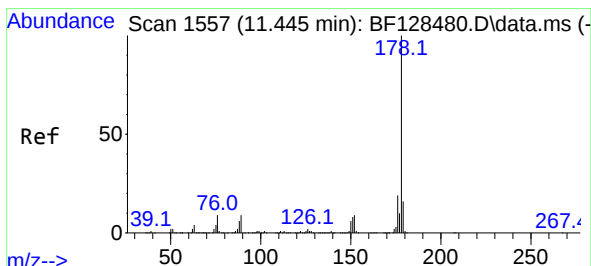
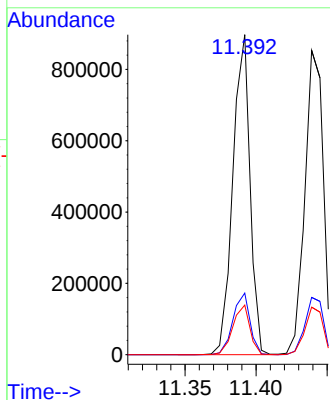
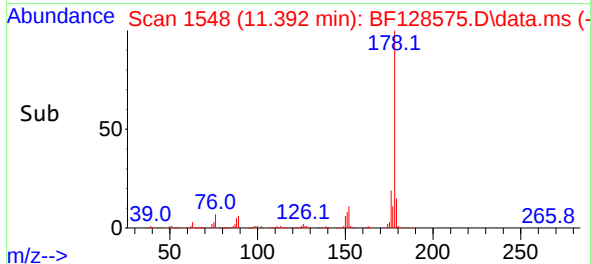
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



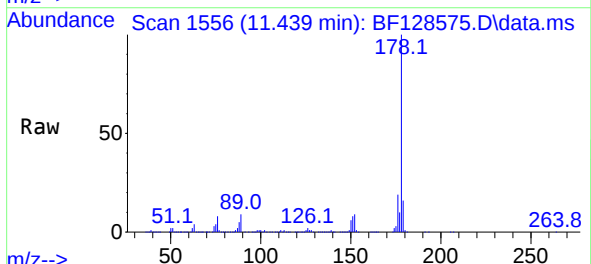
Tgt Ion:178 Resp: 75663
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.5 12.6 19.0

Manual Integrations
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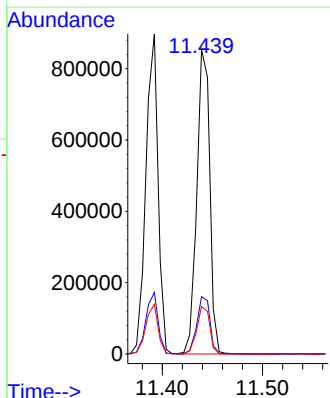
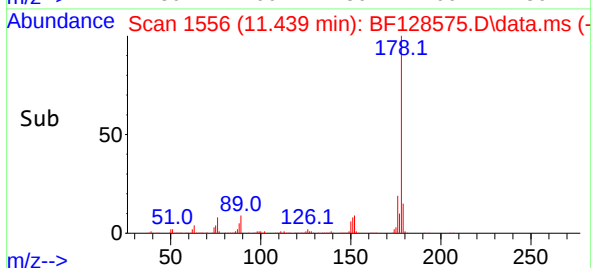
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

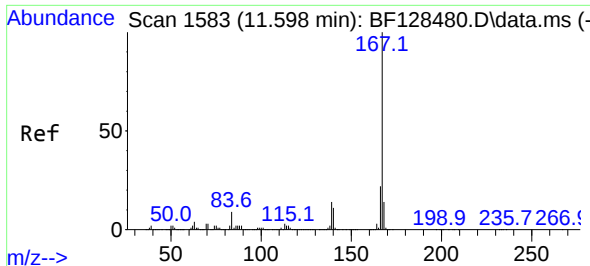


#72
Anthracene
Concen: 47.960 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



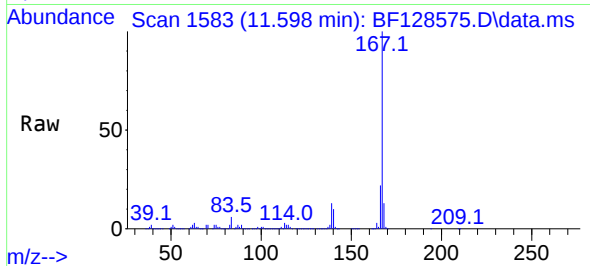
Tgt Ion:178 Resp: 767689
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 44.866 ng
 RT: 11.598 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BF128575.D
 Acq: 29 May 2022 17:02

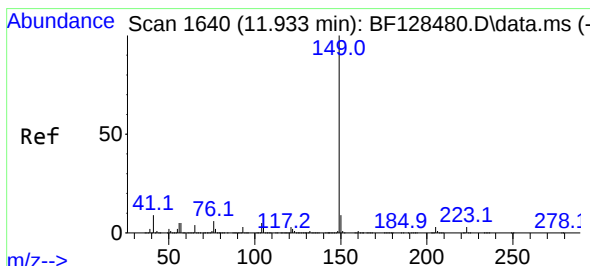
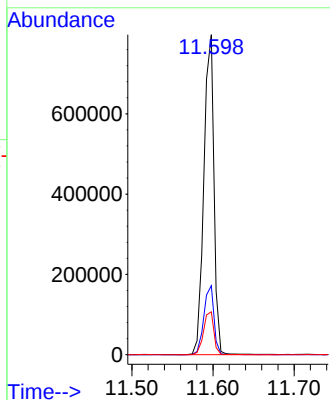
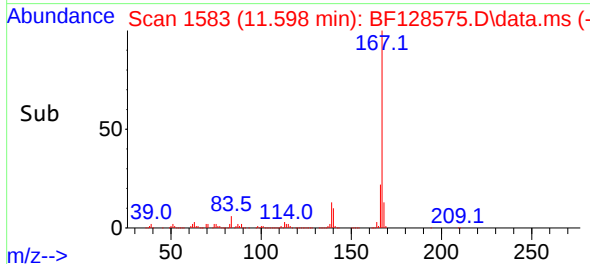
Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-01MSD



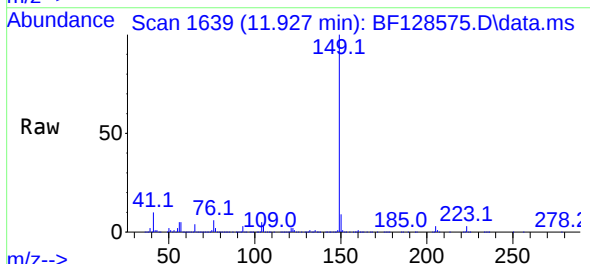
Tgt Ion:167 Resp: 68826
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 13.4 11.2 16.8

Manual Integrations
 APPROVED

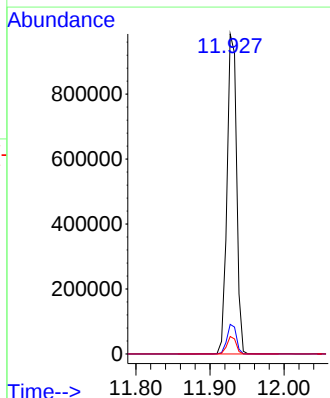
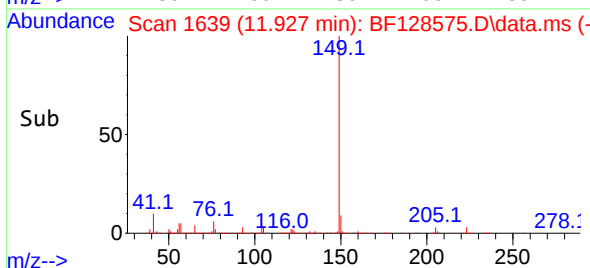
Reviewed By :Christian Giraldo 05/31/2022
 Supervised By :Jagrut Upadhyay 05/31/2022

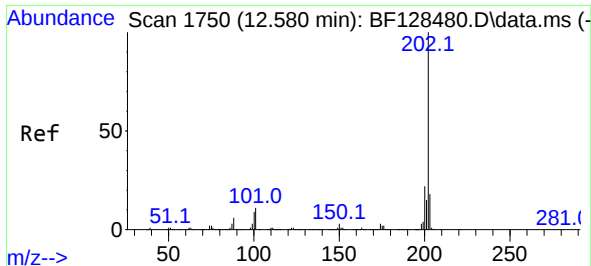


#74
 Di-n-butylphthalate
 Concen: 48.908 ng
 RT: 11.927 min Scan# 1639
 Delta R.T. -0.006 min
 Lab File: BF128575.D
 Acq: 29 May 2022 17:02



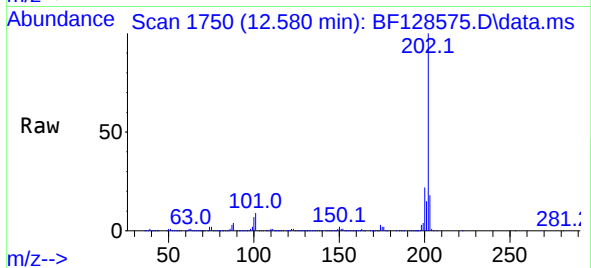
Tgt Ion:149 Resp: 883041
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 49.297 ng
RT: 12.580 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

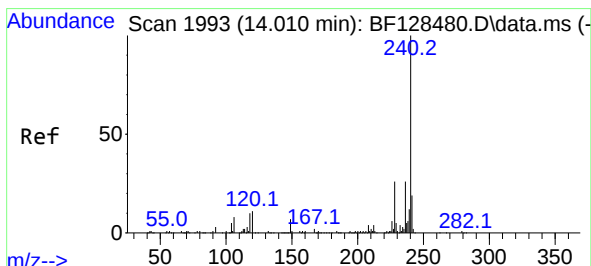
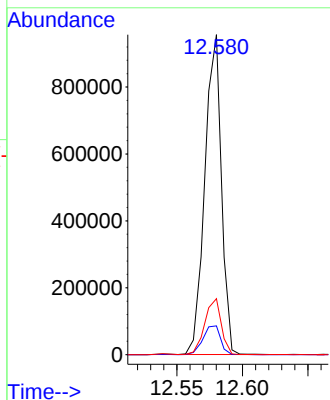
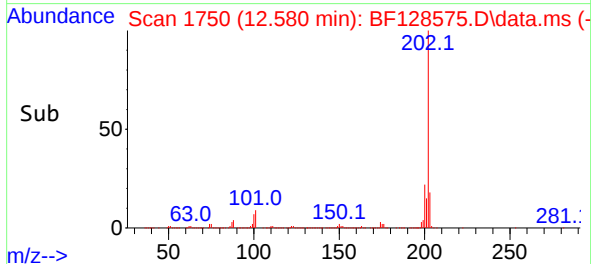
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



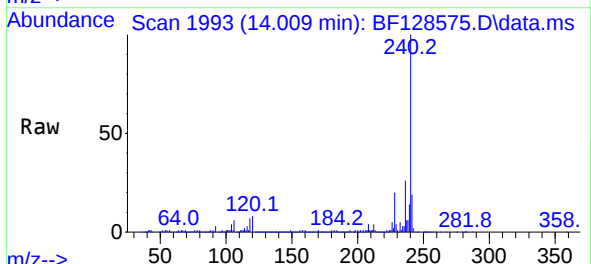
Tgt Ion:202 Resp: 844580
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.4
203 17.5 0.0 38.0

Manual Integrations
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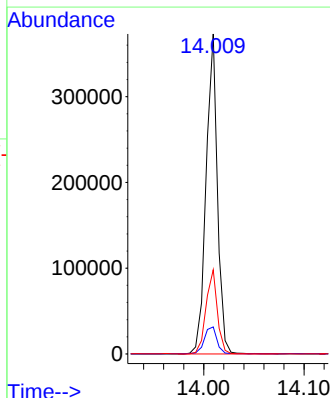
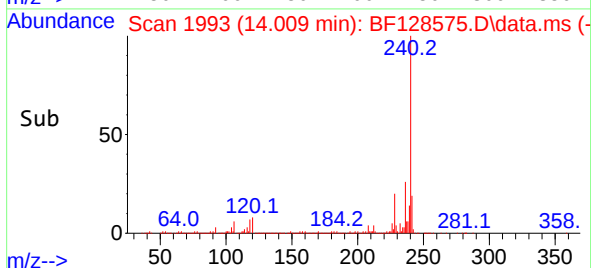
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

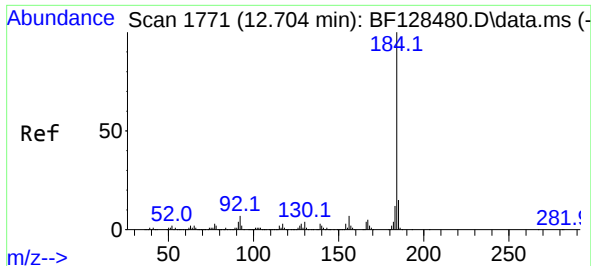


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



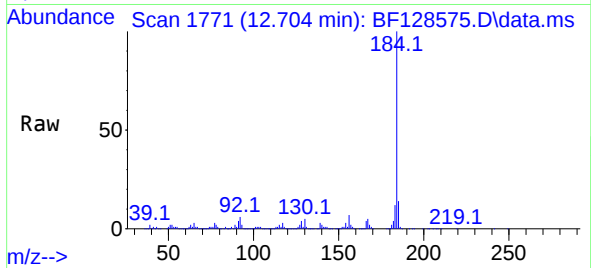
Tgt Ion:240 Resp: 294411
Ion Ratio Lower Upper
240 100
120 8.5 8.9 13.3#
236 26.3 20.8 31.2





#77
Benzidine
Concen: 52.838 ng
RT: 12.704 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

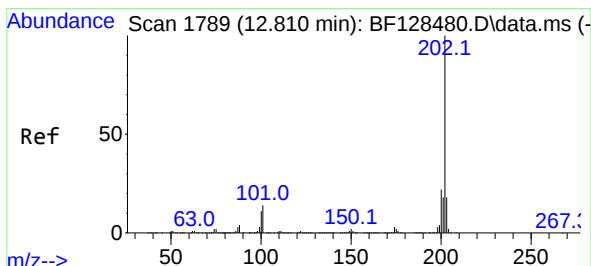
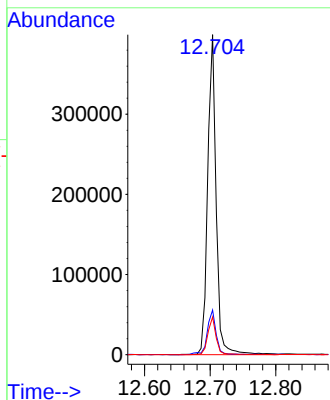
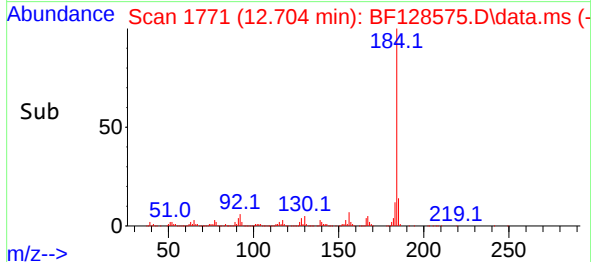
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



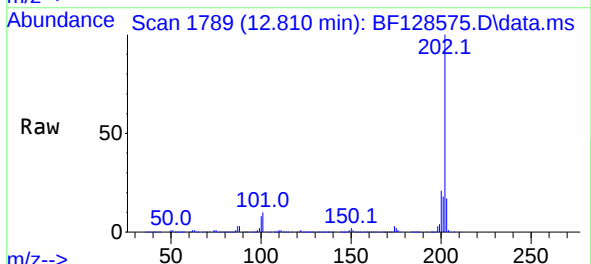
Tgt Ion:184 Resp: 358811
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.7 9.3 13.9

Manual Integrations
APPROVED

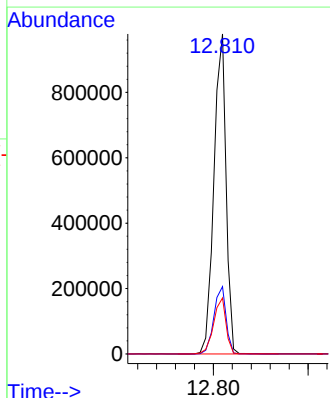
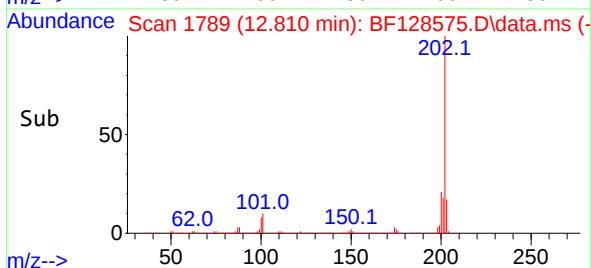
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

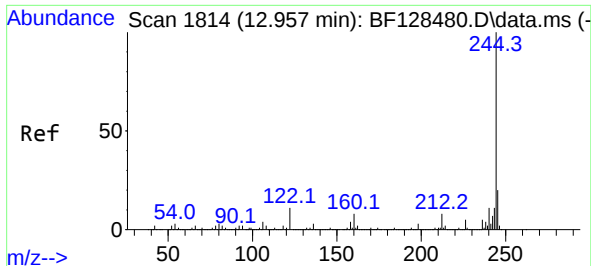


#78
Pyrene
Concen: 39.119 ng
RT: 12.810 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



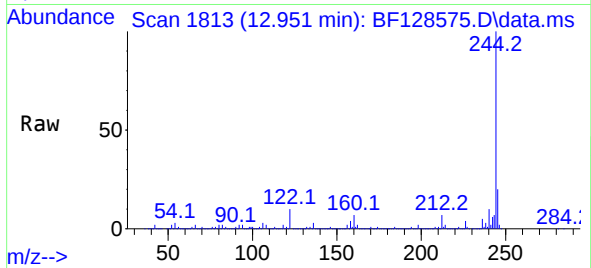
Tgt Ion:202 Resp: 867638
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 63.594 ng
 RT: 12.951 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF128575.D
 Acq: 29 May 2022 17:02

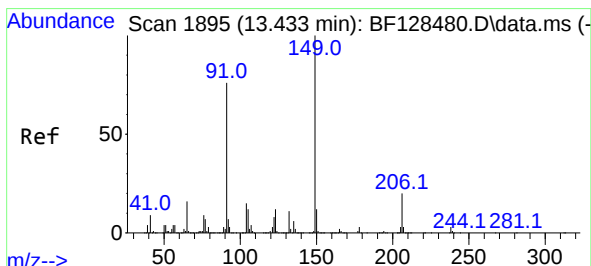
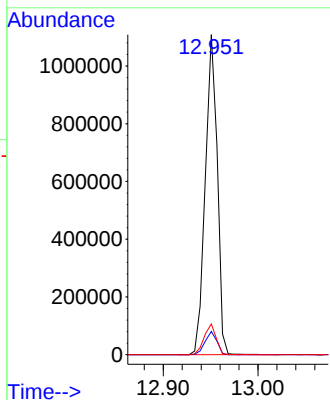
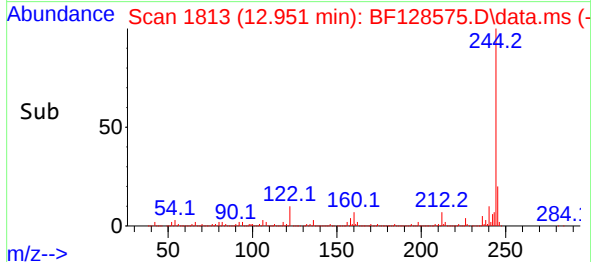
Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-01MSD



Tgt Ion:244 Resp: 969112
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.6 8.8 13.2

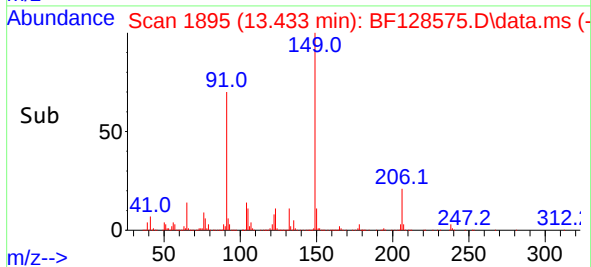
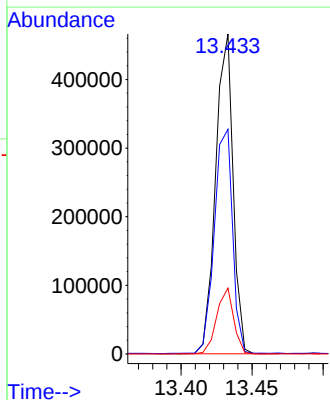
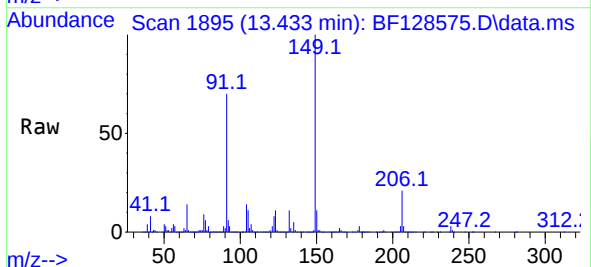
Manual Integrations
 APPROVED

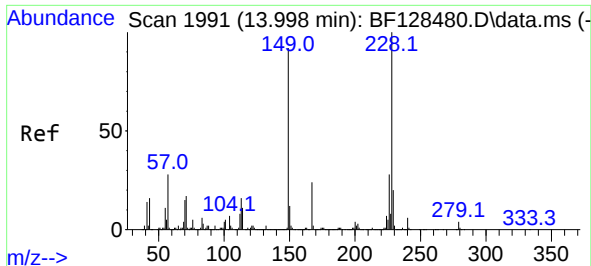
Reviewed By :Christian Giraldo 05/31/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#80
 Butylbenzylphthalate
 Concen: 42.541 ng
 RT: 13.433 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: BF128575.D
 Acq: 29 May 2022 17:02

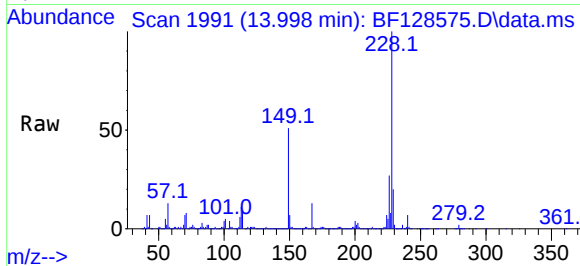
Tgt Ion:149 Resp: 397978
 Ion Ratio Lower Upper
 149 100
 91 70.2 61.2 91.8
 206 20.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 46.157 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

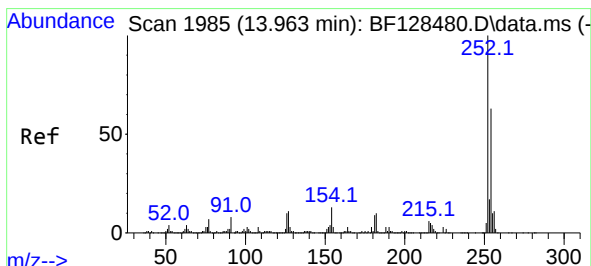
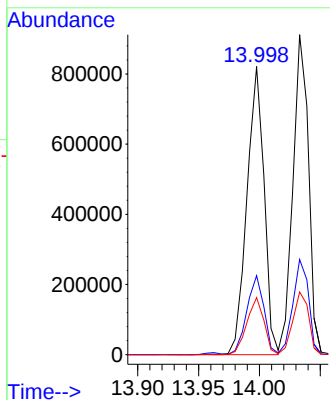
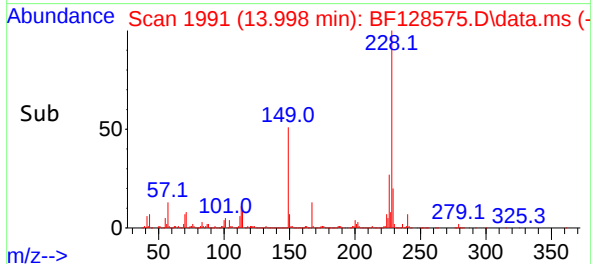
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



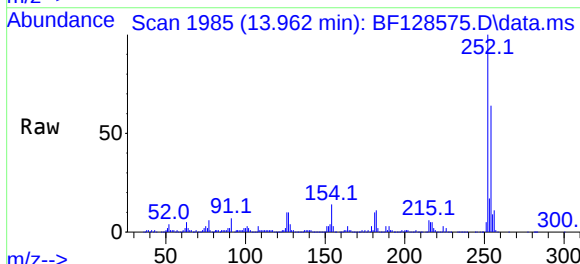
Tgt Ion:228 Resp: 807694
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.8 15.8 23.8

Manual Integrations
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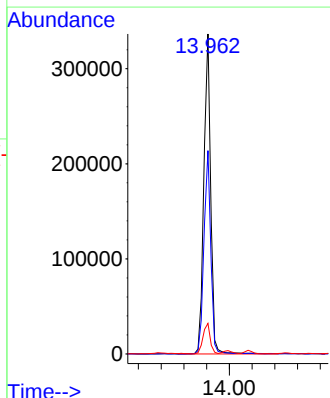
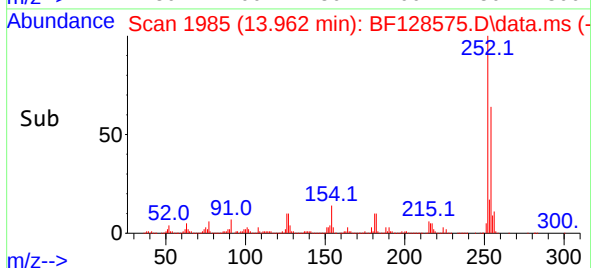
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

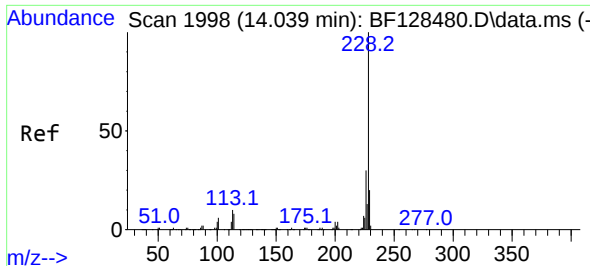


#82
3,3'-Dichlorobenzidine
Concen: 62.667 ng
RT: 13.962 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



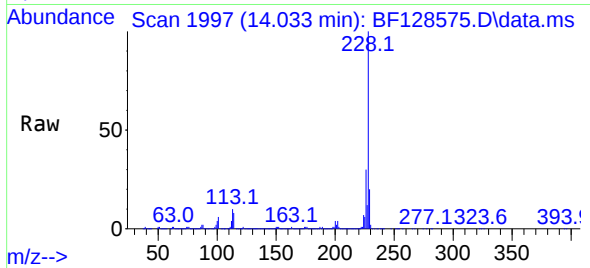
Tgt Ion:252 Resp: 280800
Ion Ratio Lower Upper
252 100
254 63.5 50.2 75.4
126 9.6 8.2 12.4





#83
Chrysene
Concen: 45.049 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

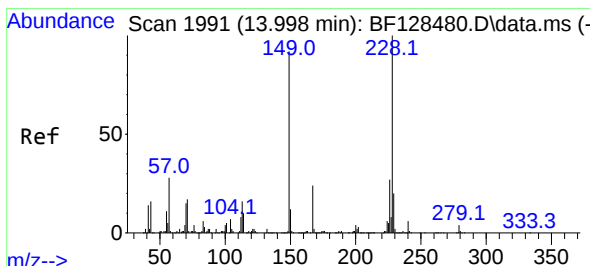
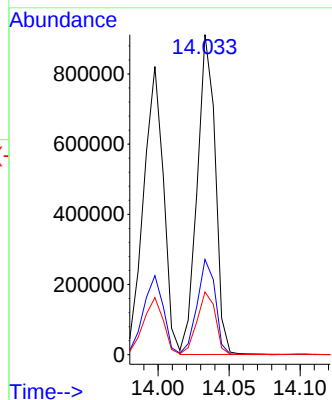
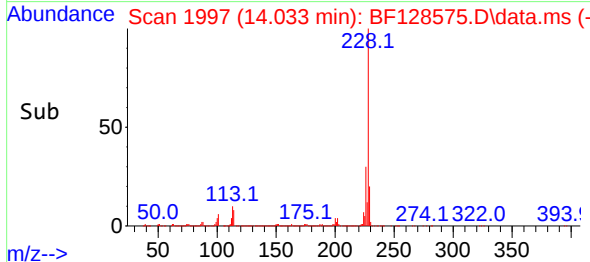
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



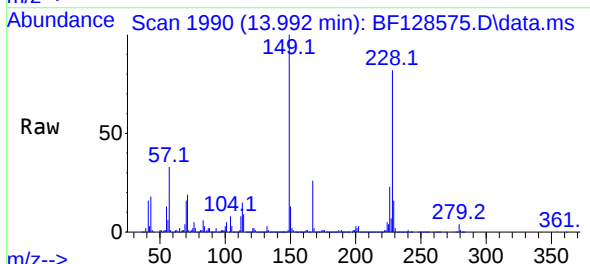
Tgt Ion:228 Resp: 807330
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 19.6 15.9 23.9

Manual Integrations
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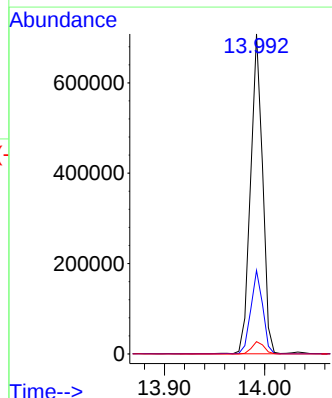
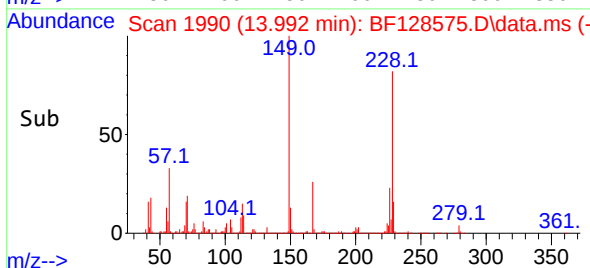
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

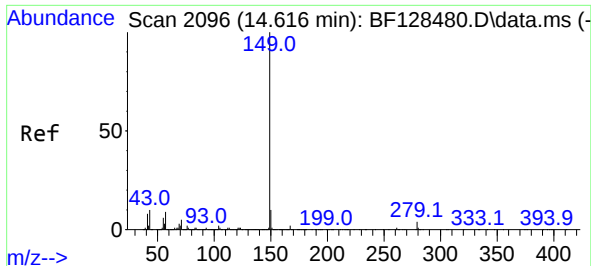


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.107 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



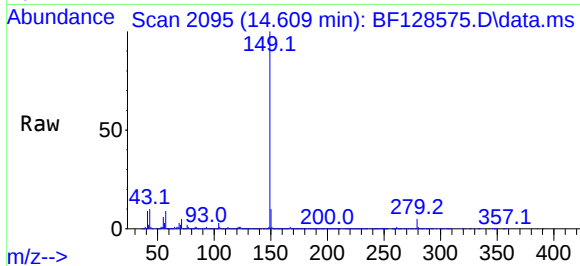
Tgt Ion:149 Resp: 589594
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 48.381 ng
RT: 14.609 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

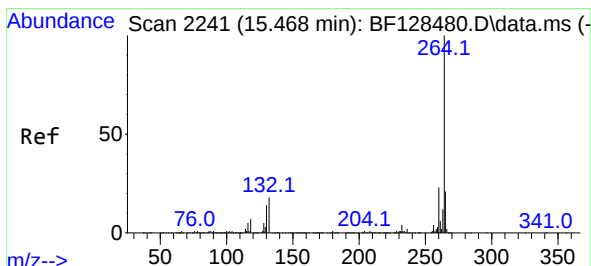
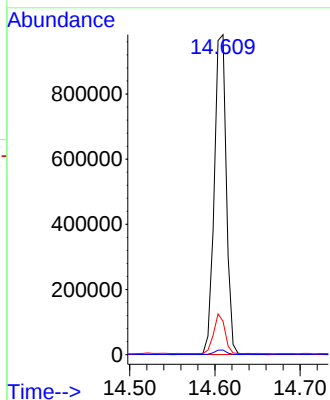
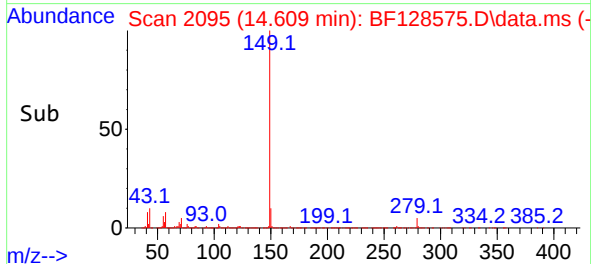
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:149 Resp: 963638
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.5 9.2 13.8

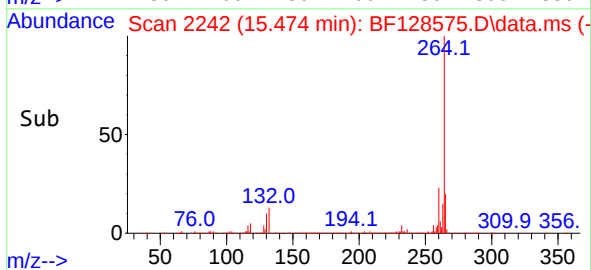
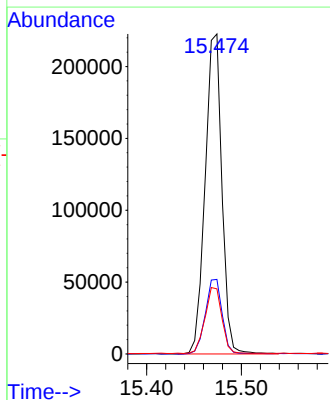
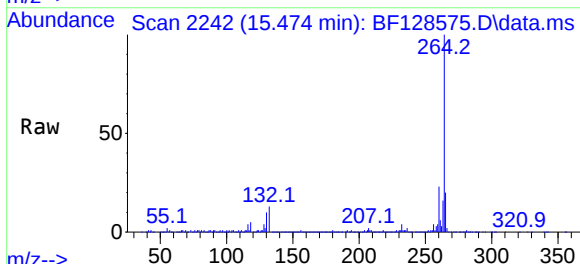
Manual Integrations
APPROVED

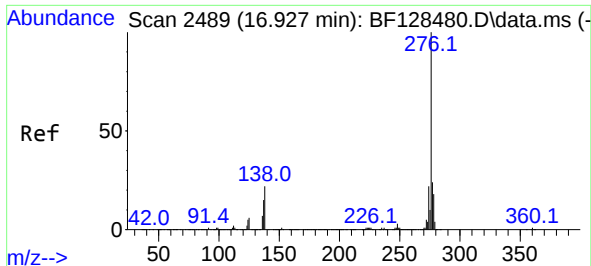
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

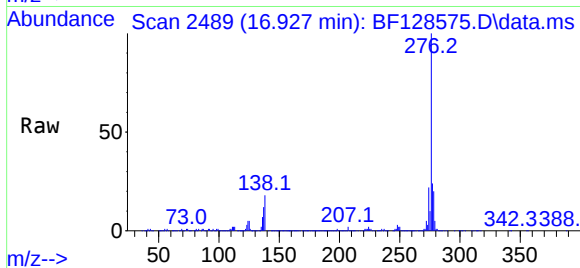
Tgt Ion:264 Resp: 272513
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 20.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.040 ng
RT: 16.927 min Scan# 2489
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

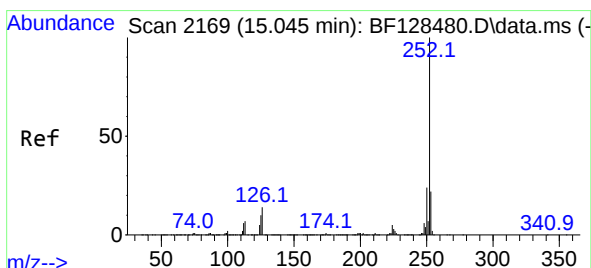
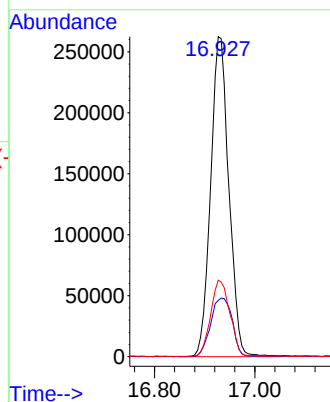
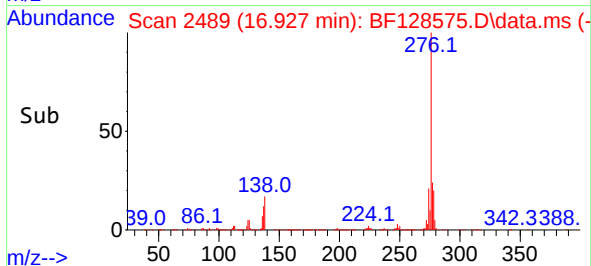
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:276 Resp: 65963
Ion Ratio Lower Upper
276 100
138 21.6 21.1 31.7
277 25.2 20.3 30.5

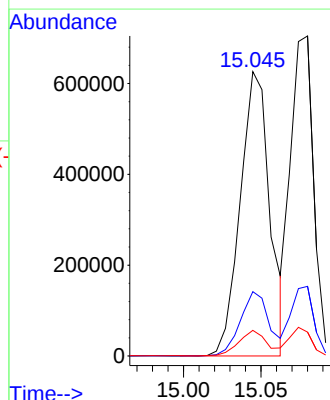
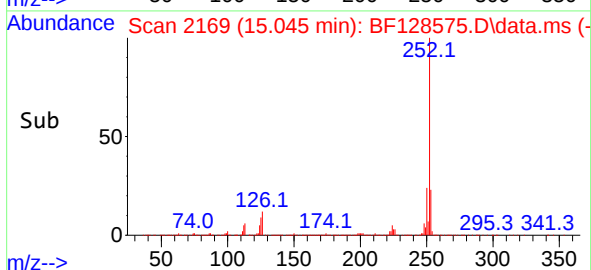
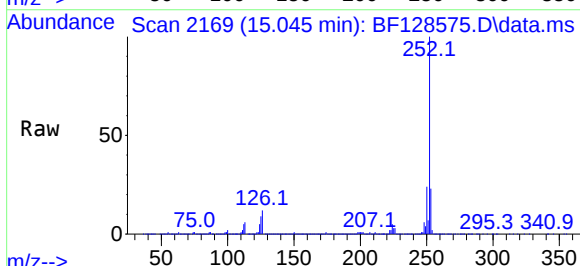
Manual Integrations
APPROVED

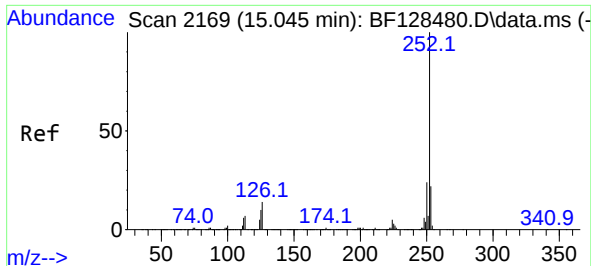
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#88
Benzo(b)fluoranthene
Concen: 49.154 ng
RT: 15.045 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

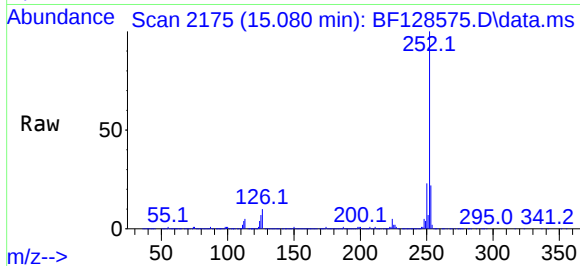
Tgt Ion:252 Resp: 833282
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.0 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 46.548 ng m
RT: 15.080 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

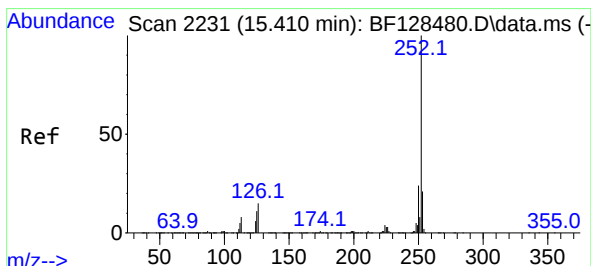
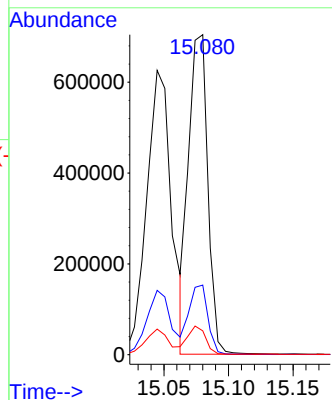
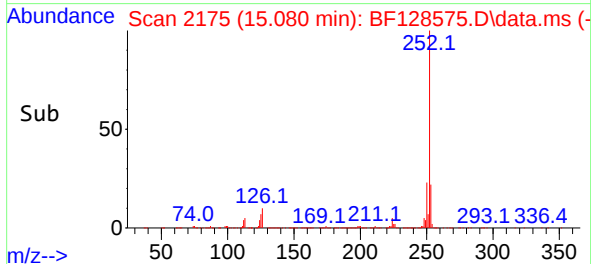
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



Tgt Ion:252 Resp: 73110
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 7.4 8.3 12.5

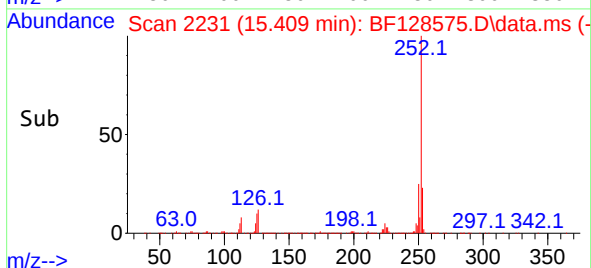
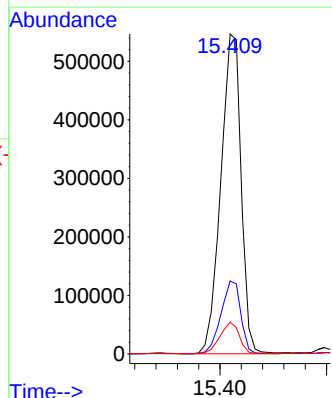
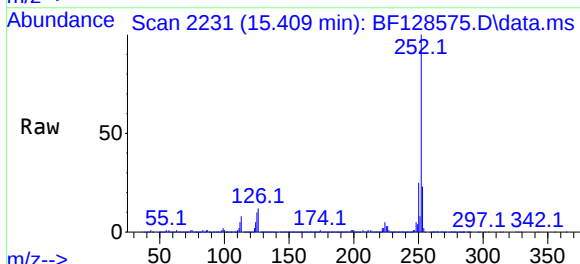
Manual Integrations
APPROVED

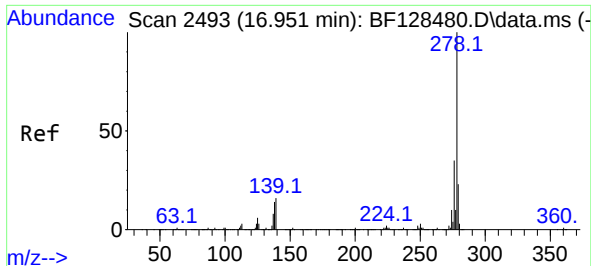
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#90
Benzo(a)pyrene
Concen: 53.053 ng
RT: 15.409 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

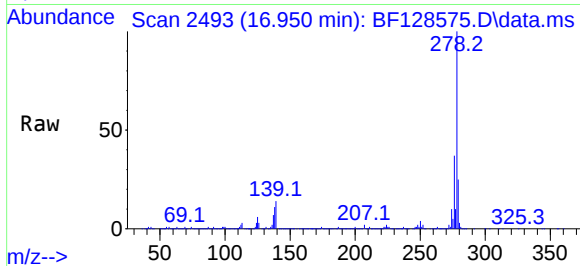
Tgt Ion:252 Resp: 721576
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 10.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 43.903 ng
RT: 16.950 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02

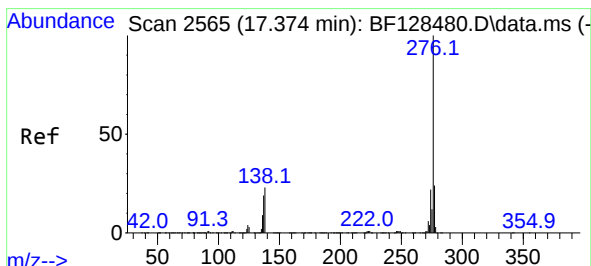
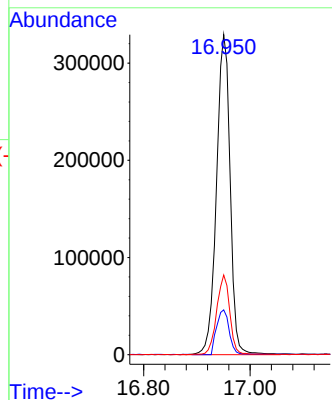
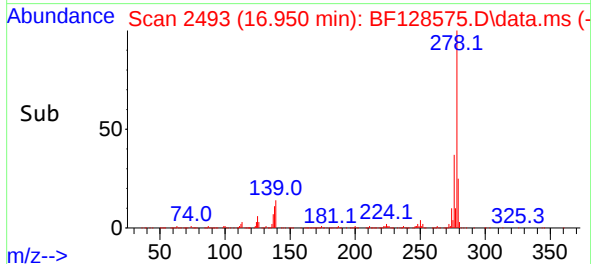
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01MSD



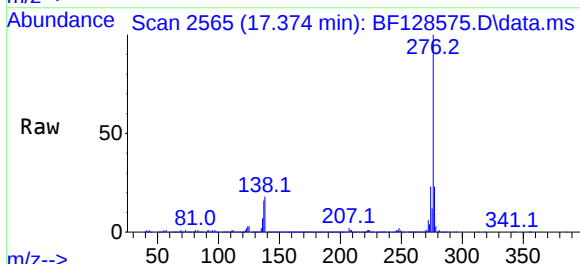
Tgt Ion: 278 Resp: 585085
Ion Ratio Lower Upper
278 100
139 14.0 12.8 19.2
279 24.9 18.6 28.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/31/2022
Supervised By : Jagrut Upadhyay 05/31/2022



#92
Benzo(g,h,i)perylene
Concen: 41.483 ng
RT: 17.374 min Scan# 2565
Delta R.T. -0.000 min
Lab File: BF128575.D
Acq: 29 May 2022 17:02



Tgt Ion: 276 Resp: 548343
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 18.5 18.0 27.0

