

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129884.D
 Acq On : 18 Aug 2022 19:43
 Operator : CG\JU
 Sample : N4200-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S13MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/19/2022
 Supervised By : Jagrut Upadhyay 08/19/2022

Quant Time: Aug 19 01:02:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	109505	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	433312	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	216667	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	324365	20.000	ng	0.00
76) Chrysene-d12	13.974	240	202203	20.000	ng	0.00
86) Perylene-d12	15.433	264	248153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	821304	124.180	ng	0.02
7) Phenol-d6	6.451	99	932581	112.599	ng	0.00
23) Nitrobenzene-d5	7.363	82	701860	86.709	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	274640	126.296	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1263145	88.545	ng	0.00
79) Terphenyl-d14	12.904	244	1080838	88.943	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	110936	40.657	ng	# 84
3) Pyridine	3.428	79	233406	32.687	ng	98
4) n-Nitrosodimethylamine	3.322	42	158655	48.212	ng	96
6) Aniline	6.463	93	207194	21.949	ng	# 56
8) 2-Chlorophenol	6.593	128	342177	46.474	ng	99
9) Benzaldehyde	6.351	77	124284	25.619	ng	99
10) Phenol	6.463	94	355413	39.121	ng	89
11) bis(2-Chloroethyl)ether	6.528	93	338893	49.122	ng	97
12) 1,3-Dichlorobenzene	6.734	146	332013	41.770	ng	99
13) 1,4-Dichlorobenzene	6.810	146	341862	42.092	ng	98
14) 1,2-Dichlorobenzene	6.963	146	329493	43.681	ng	97
15) Benzyl Alcohol	6.945	79	298917	47.807	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	438797	47.466	ng	99
17) 2-Methylphenol	7.069	107	262849	44.461	ng	98
18) Hexachloroethane	7.298	117	129915	42.596	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	245099	46.818	ng	99
20) 3+4-Methylphenols	7.222	107	341922	43.086	ng	98
22) Acetophenone	7.210	105	498711	47.229	ng	97
24) Nitrobenzene	7.381	77	362752	44.443	ng	95
25) Isophorone	7.622	82	658313	47.252	ng	99
26) 2-Nitrophenol	7.698	139	183431	45.689	ng	98
27) 2,4-Dimethylphenol	7.740	122	290237	50.408	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	407667	50.116	ng	99
29) 2,4-Dichlorophenol	7.945	162	282150	44.815	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	279389	42.065	ng	98
31) Naphthalene	8.098	128	981928	43.340	ng	99
32) Benzoic acid	7.887	122	120481	46.945	ng	92
33) 4-Chloroaniline	8.157	127	170147	19.097	ng	98
34) Hexachlorobutadiene	8.204	225	171305	42.358	ng	100
35) Caprolactam	8.540	113	66168m	33.797	ng	
36) 4-Chloro-3-methylphenol	8.651	107	300602	44.258	ng	97
37) 2-Methylnaphthalene	8.787	142	647609	43.551	ng	100
38) 1-Methylnaphthalene	8.887	142	612526	42.385	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	291380	48.352	ng	98
41) Hexachlorocyclopentadiene	8.934	237	165449	82.915	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	184691	47.171	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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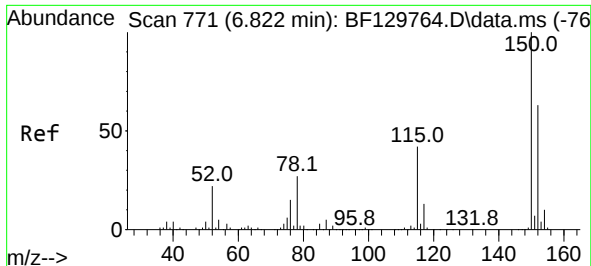
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	191725	45.514	ng	98
46) 1,1'-Biphenyl	9.251	154	788726	47.918	ng	99
47) 2-Chloronaphthalene	9.281	162	601290	46.169	ng	99
48) 2-Nitroaniline	9.386	65	183979	44.701	ng	97
49) Acenaphthylene	9.698	152	905435	45.846	ng	100
50) Dimethylphthalate	9.557	163	683655	44.016	ng	99
51) 2,6-Dinitrotoluene	9.628	165	151839	45.066	ng	97
52) Acenaphthene	9.869	154	546058	45.573	ng	99
53) 3-Nitroaniline	9.798	138	92546	24.838	ng	92
54) 2,4-Dinitrophenol	9.922	184	118868	78.167	ng	93
55) Dibenzofuran	10.039	168	801007	44.498	ng	96
56) 4-Nitrophenol	9.992	139	120624	72.768	ng	99
57) 2,4-Dinitrotoluene	10.039	165	184492	42.182	ng	96
58) Fluorene	10.386	166	653814	43.500	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	136308	44.093	ng	# 81
60) Diethylphthalate	10.257	149	656590	42.396	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	302363	44.827	ng	97
62) 4-Nitroaniline	10.422	138	135171m	35.960	ng	
63) Azobenzene	10.533	77	632873	42.752	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	83413	43.805	ng	99
66) n-Nitrosodiphenylamine	10.498	169	543518	49.645	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	187094	49.246	ng	95
68) Hexachlorobenzene	10.933	284	203617	49.477	ng	92
69) Atrazine	11.028	200	167057	49.716	ng	98
70) Pentachlorophenol	11.139	266	122291	97.895	ng	98
71) Phenanthrene	11.351	178	839713	46.353	ng	99
72) Anthracene	11.398	178	844788	46.893	ng	99
73) Carbazole	11.563	167	729708	44.621	ng	99
74) Di-n-butylphthalate	11.880	149	968653	46.023	ng	98
75) Fluoranthene	12.539	202	763905	41.208	ng	98
78) Pyrene	12.769	202	761916	43.361	ng	100
80) Butylbenzylphthalate	13.380	149	333534	44.859	ng	99
81) Benzo(a)anthracene	13.963	228	625438	44.964	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	177959	41.310	ng	99
83) Chrysene	13.998	228	592730	45.523	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	469624	53.239	ng	97
85) Di-n-octyl phthalate	14.545	149	753518	61.880	ng	100
87) Indeno(1,2,3-cd)pyrene	16.910	276	878695	51.579	ng	99
88) Benzo(b)fluoranthene	15.010	252	732759	43.123	ng	98
89) Benzo(k)fluoranthene	15.039	252	695645	42.688	ng	99
90) Benzo(a)pyrene	15.374	252	654511	48.912	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	763152	54.291	ng	100
92) Benzo(g,h,i)perylene	17.351	276	766071	54.627	ng	98

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

Manual Integrations

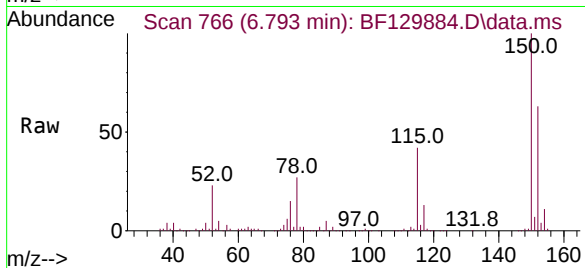
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 70
 Delta R.T. 0.001 min
 Lab File: BF129884.D
 Acq: 18 Aug 2022 19:43

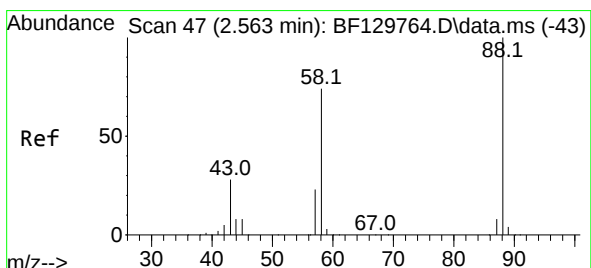
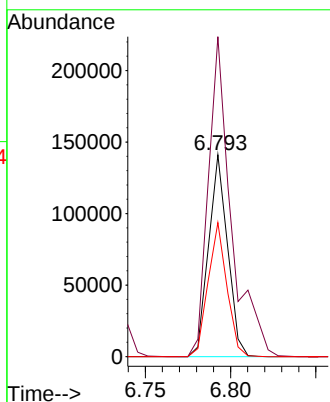
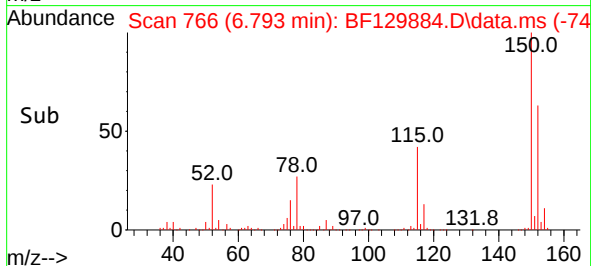
Instrument :
 BNA_F
 ClientSampleId :
 S13MSD



Tgt Ion: 152 Resp: 109505
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.9 190.3
 115 66.3 53.4 80.0

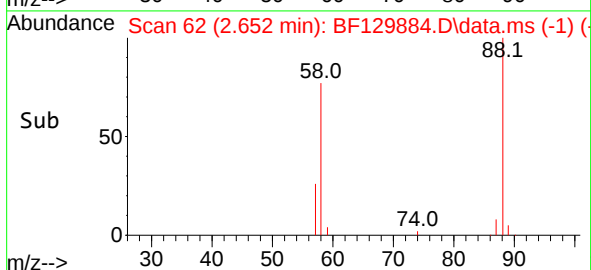
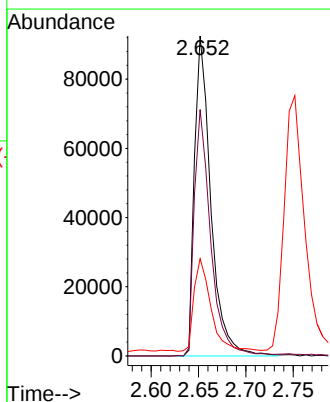
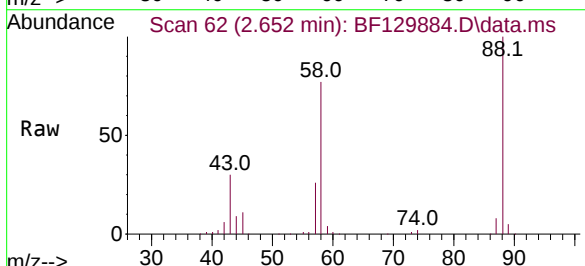
Manual Integrations
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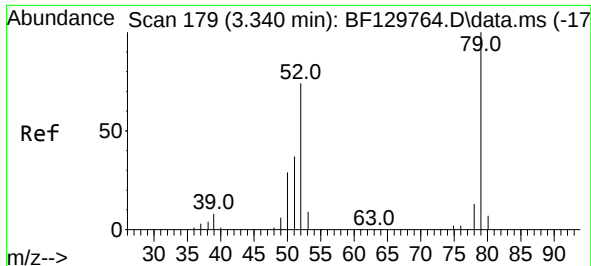
Reviewed By : Christian Giraldo 08/19/2022
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#2
 1,4-Dioxane
 Concen: 40.657 ng
 RT: 2.652 min Scan# 62
 Delta R.T. 0.153 min
 Lab File: BF129884.D
 Acq: 18 Aug 2022 19:43

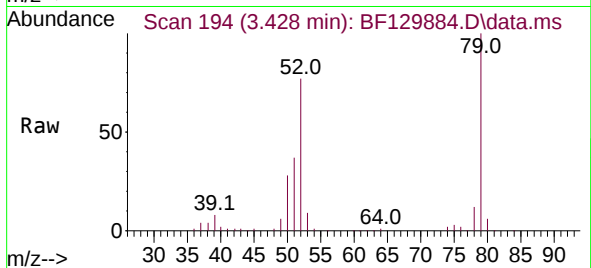
Tgt Ion: 88 Resp: 110936
 Ion Ratio Lower Upper
 88 100
 58 77.3 60.9 91.3
 43 0.0 23.6 35.4





#3
Pyridine
Concen: 32.687 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.159 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

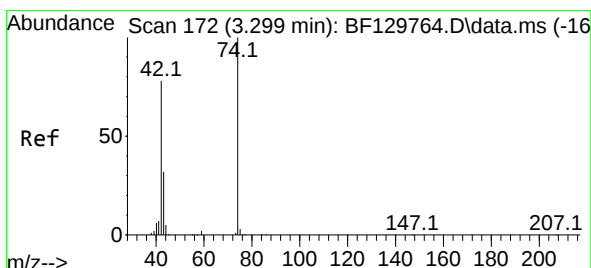
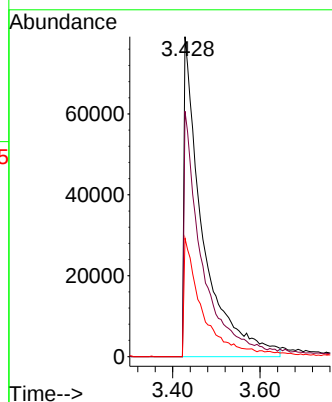
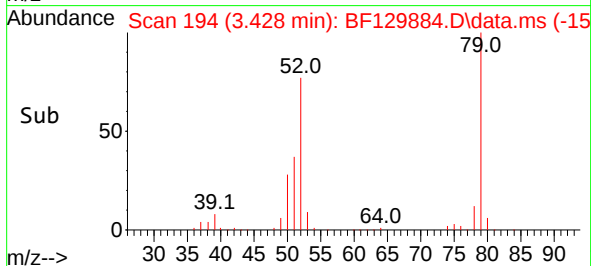
Instrument :
BNA_F
ClientSampleId :
S13MSD



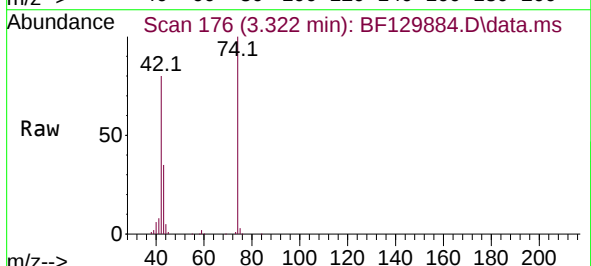
Tgt Ion: 79 Resp: 233406
Ion Ratio Lower Upper
79 100
52 76.7 59.4 89.2
51 37.0 29.5 44.3

Manual Integrations
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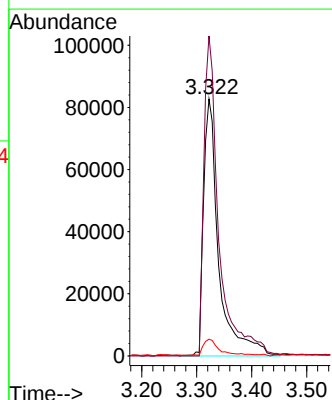
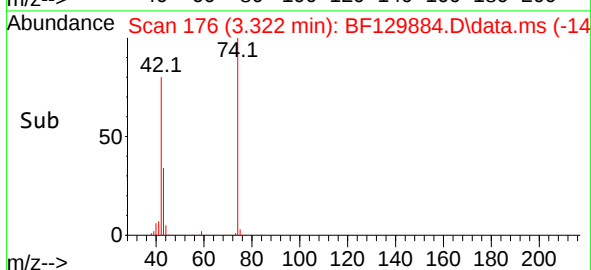
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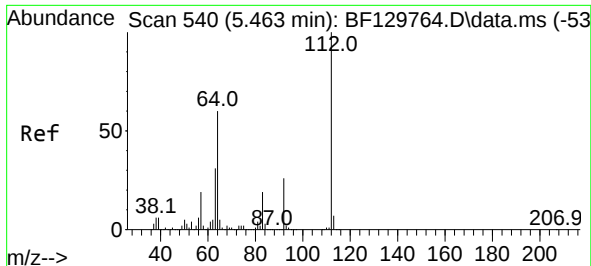


#4
n-Nitrosodimethylamine
Concen: 48.212 ng
RT: 3.322 min Scan# 176
Delta R.T. 0.094 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



Tgt Ion: 42 Resp: 158655
Ion Ratio Lower Upper
42 100
74 124.5 103.1 154.7
44 6.5 5.4 8.2





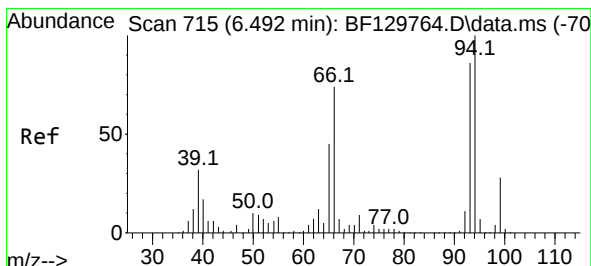
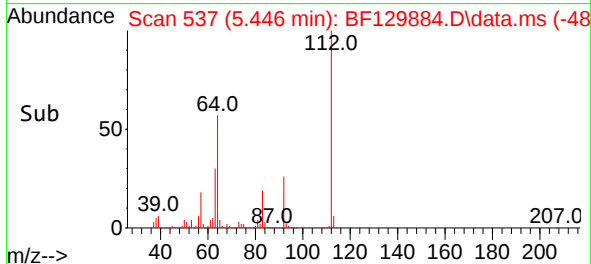
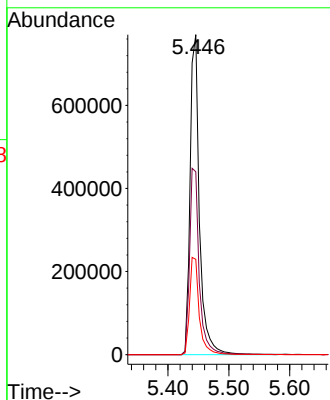
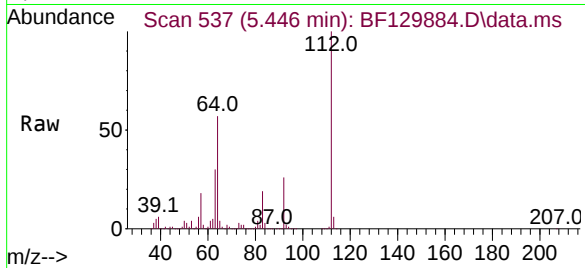
#5
2-Fluorophenol
Concen: 124.180 ng
RT: 5.446 min Scan# 537
Delta R.T. 0.018 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 821304
Ion Ratio Lower Upper
112 100
64 57.1 47.6 71.4
63 29.8 24.6 37.0

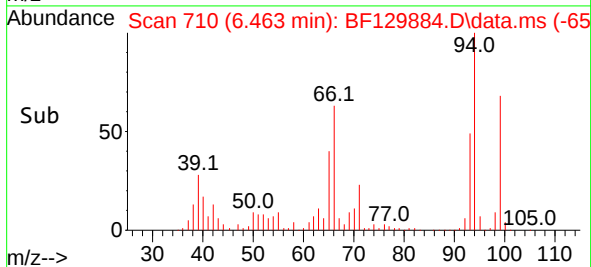
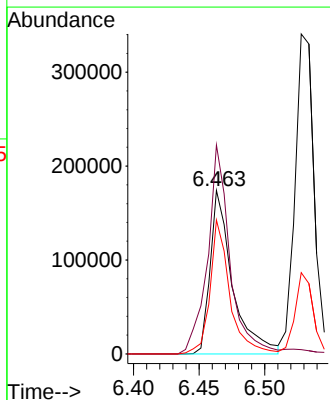
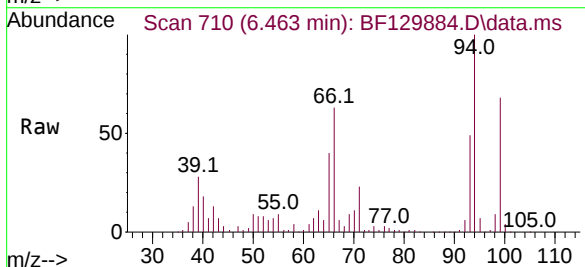
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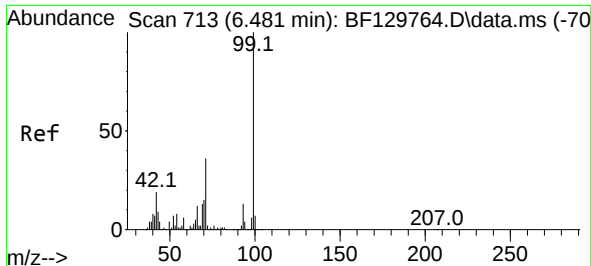
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#6
Aniline
Concen: 21.949 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

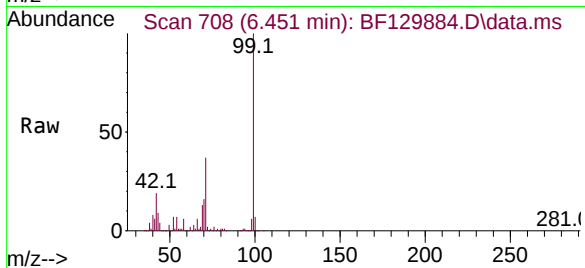
Tgt Ion: 93 Resp: 207194
Ion Ratio Lower Upper
93 100
66 127.8 68.7 103.1#
65 81.8 41.6 62.4#





#7
Phenol-d6
Concen: 112.599 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129884.D
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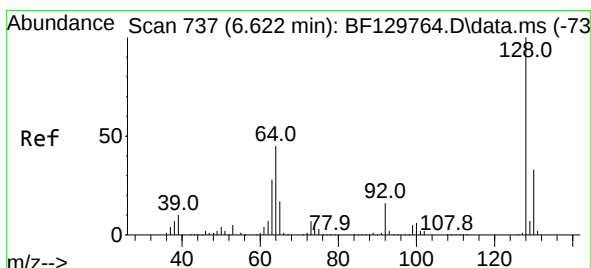
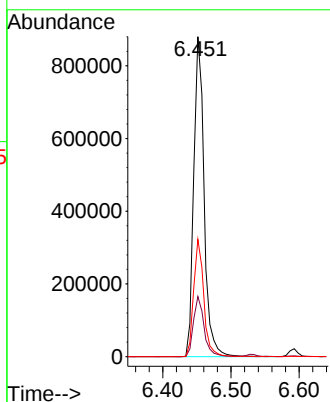
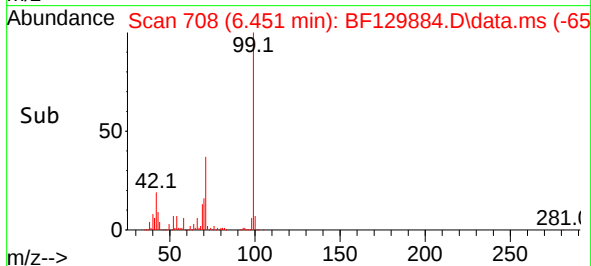
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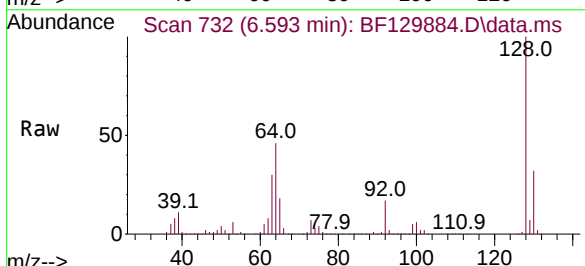
Tgt Ion: 99 Resp: 932581
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.6 28.8 43.2

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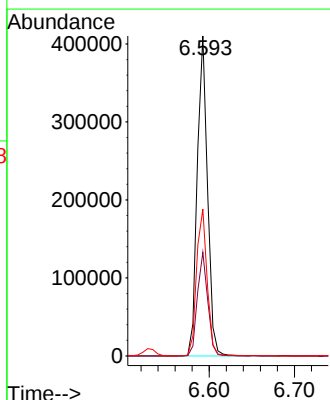
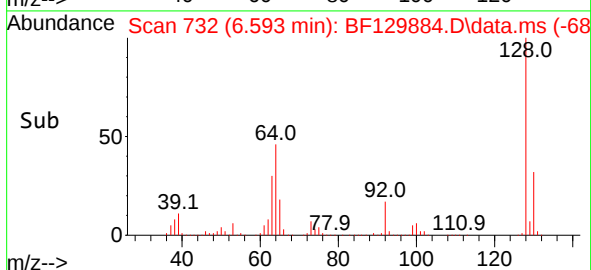
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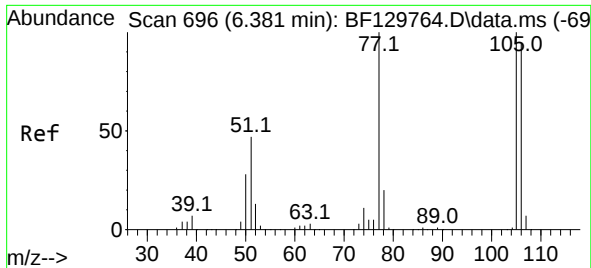


#8
2-Chlorophenol
Concen: 46.474 ng
RT: 6.593 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



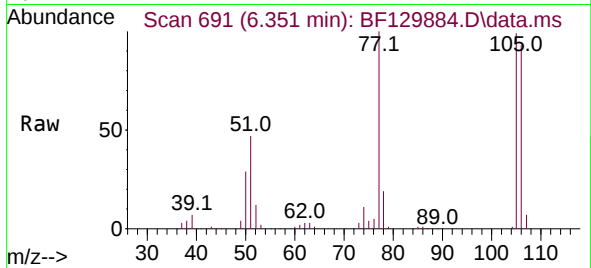
Tgt Ion:128 Resp: 342177
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 45.9 24.9 64.9





#9
Benzaldehyde
Concen: 25.619 ng
RT: 6.351 min Scan# 69
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

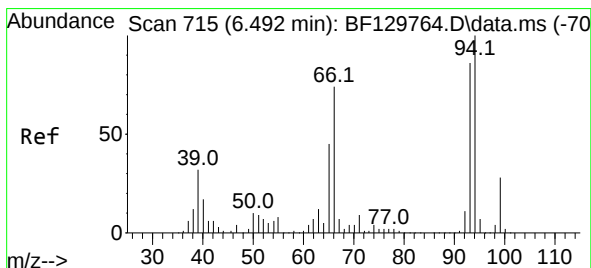
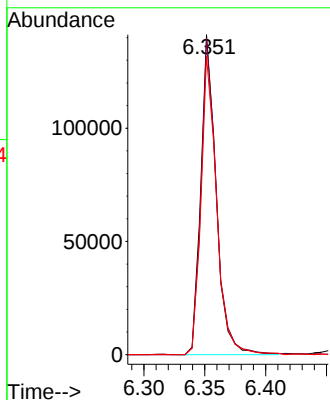
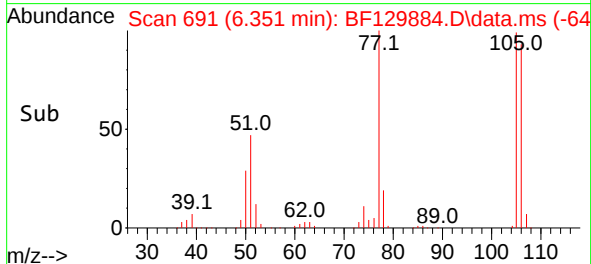
Instrument :
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Tgt Ion: 77 Resp: 124284
Ion Ratio Lower Upper
77 100
105 98.8 80.3 120.3
106 93.3 74.3 114.3

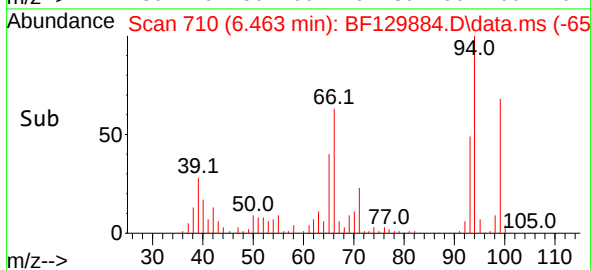
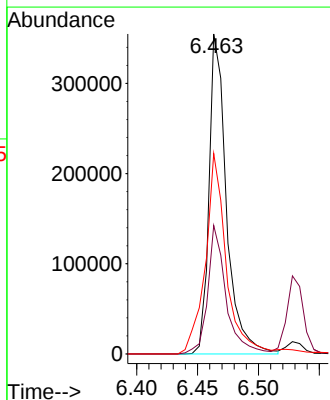
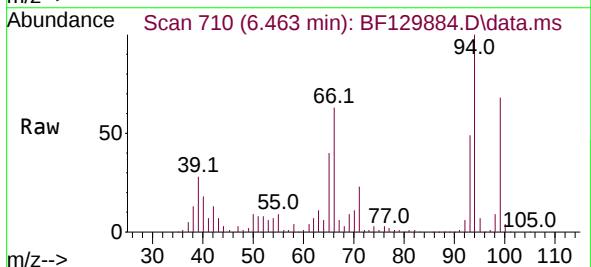
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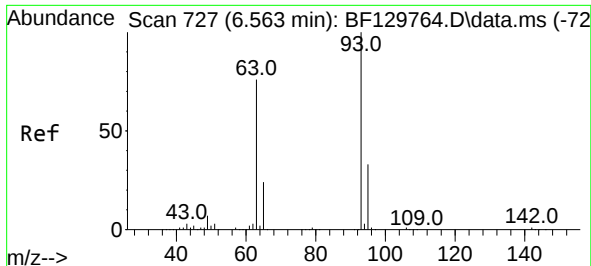
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#10
Phenol
Concen: 39.121 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Tgt Ion: 94 Resp: 355413
Ion Ratio Lower Upper
94 100
65 40.1 24.9 64.9
66 62.6 54.2 94.2





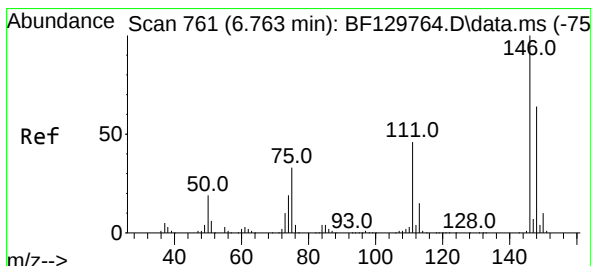
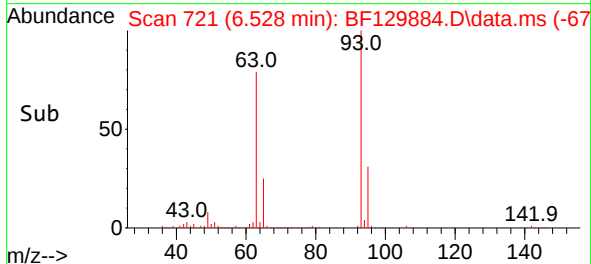
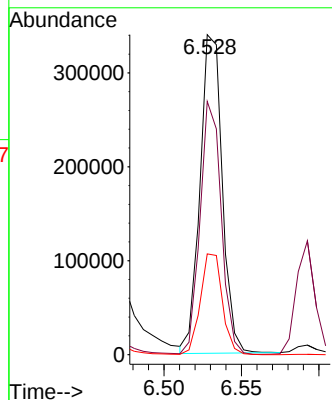
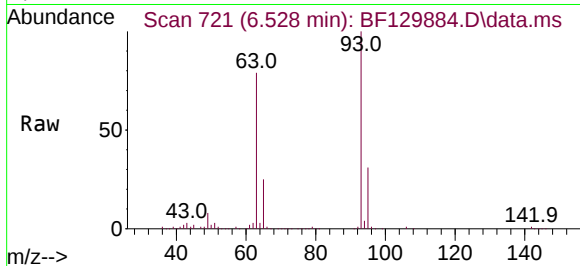
#11
bis(2-Chloroethyl)ether
Concen: 49.122 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Instrument :
BNA_F
ClientSampleId :
S13MSD

Tgt Ion: 93 Resp: 338893
Ion Ratio Lower Upper
93 100
63 79.1 55.9 95.9
95 31.5 12.3 52.3

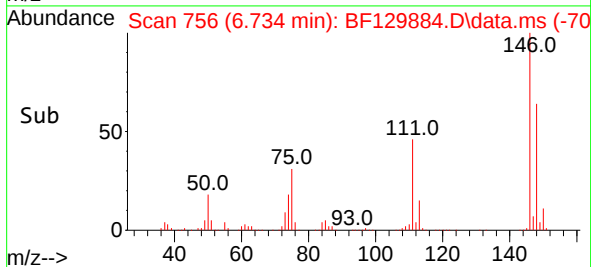
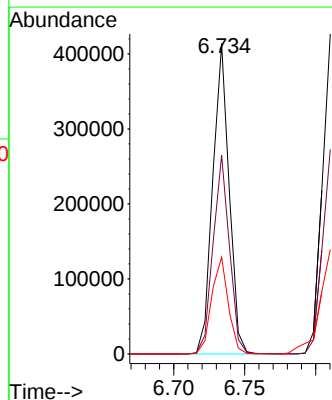
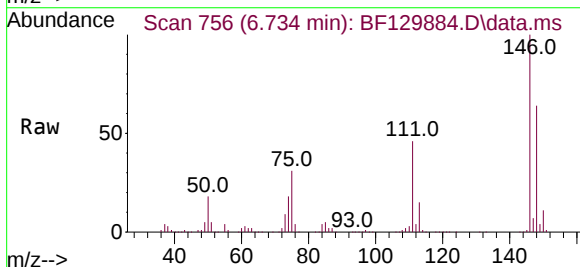
Manual Integrations
APPROVED

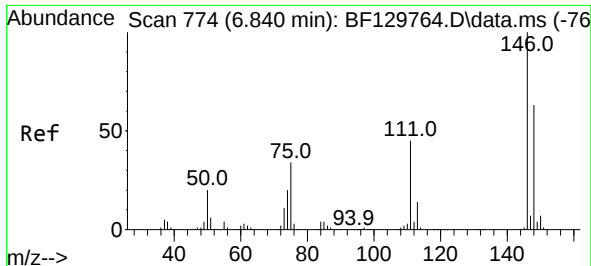
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#12
1,3-Dichlorobenzene
Concen: 41.770 ng
RT: 6.734 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Tgt Ion:146 Resp: 332013
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 31.2 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 42.092 ng

RT: 6.810 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

Instrument :

BNA_F

ClientSampleId :

S13MSD

Tgt Ion:146 Resp: 341862

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

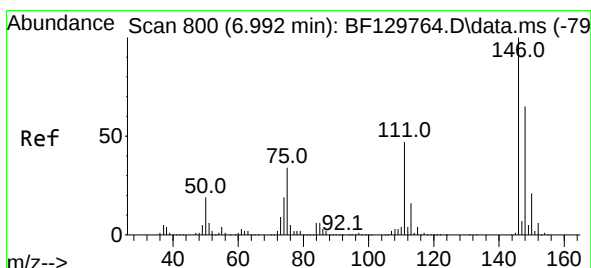
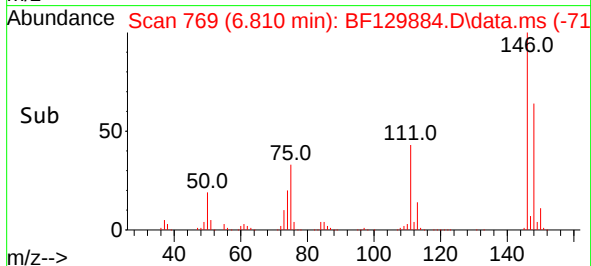
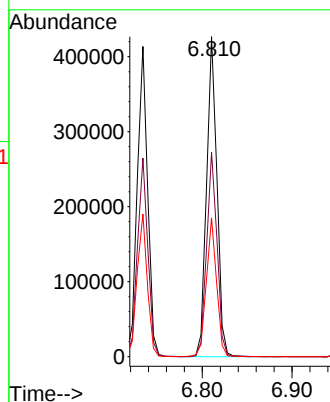
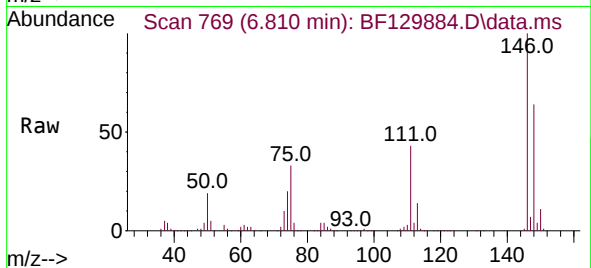
111 43.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#14

1,2-Dichlorobenzene

Concen: 43.681 ng

RT: 6.963 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

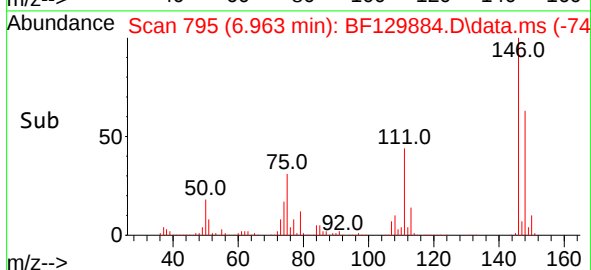
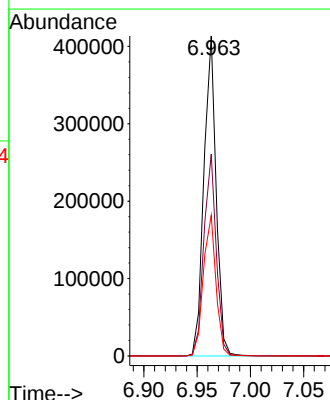
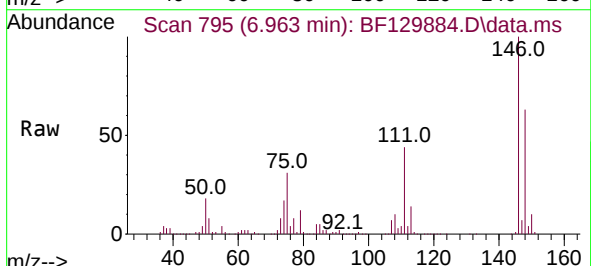
Tgt Ion:146 Resp: 329493

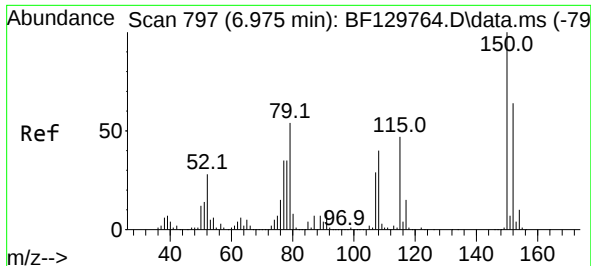
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

111 43.9 37.2 55.8





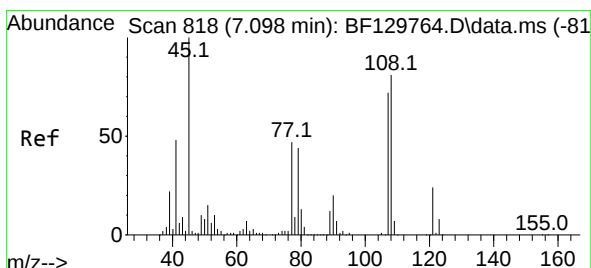
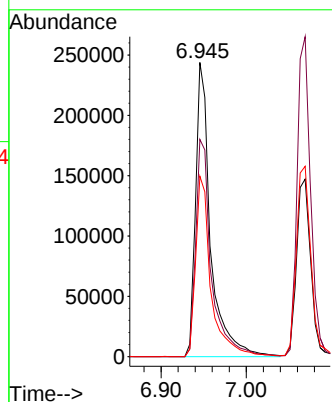
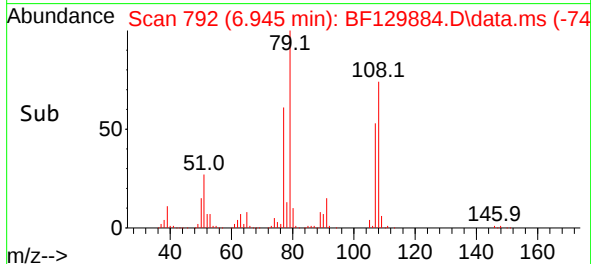
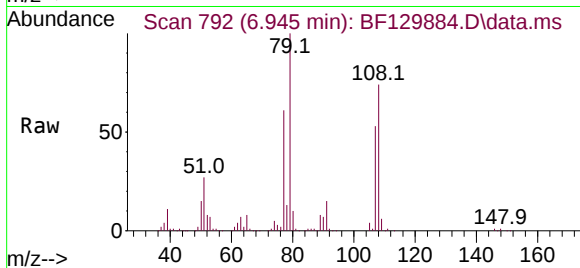
#15
Benzyl Alcohol
Concen: 47.807 ng
RT: 6.945 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Instrument :
BNA_F
ClientSampleId :
S13MSD

Tgt Ion: 79 Resp: 298917
Ion Ratio Lower Upper
79 100
108 73.9 59.2 88.8
77 61.3 51.9 77.9

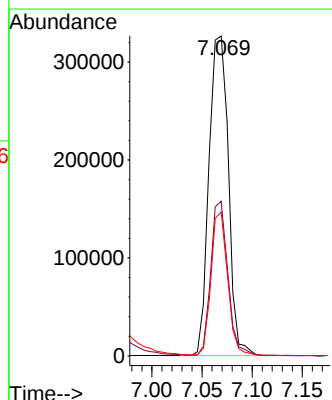
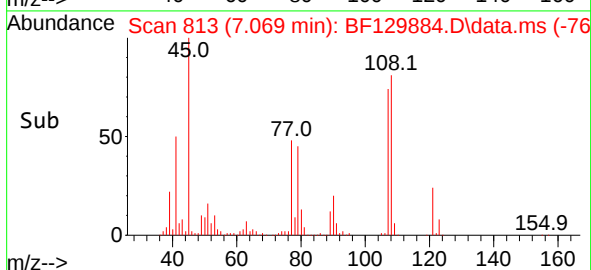
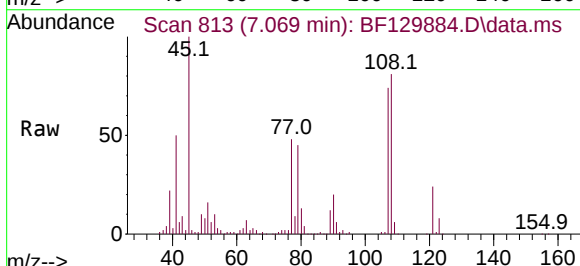
Manual Integrations
APPROVED

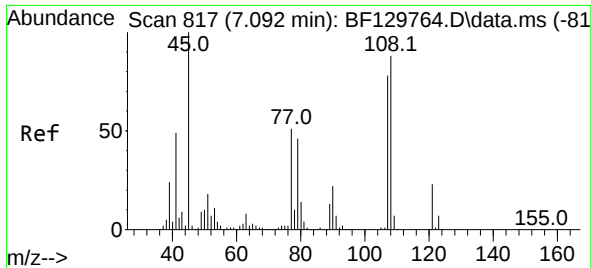
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.466 ng
RT: 7.069 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

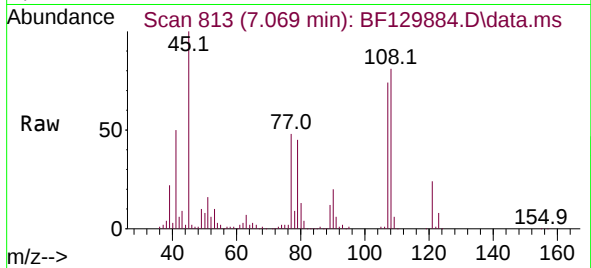
Tgt Ion: 45 Resp: 438797
Ion Ratio Lower Upper
45 100
77 48.3 27.4 67.4
79 45.0 24.4 64.4





#17
2-Methylphenol
Concen: 44.461 ng
RT: 7.069 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

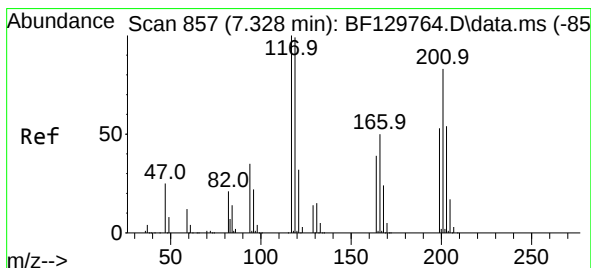
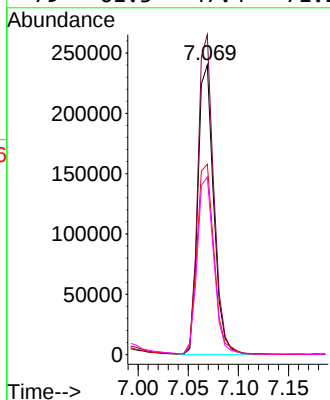
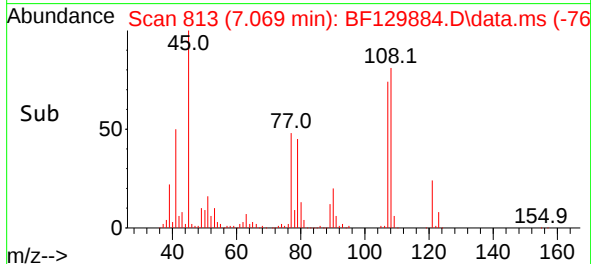
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion:107 Resp: 262849
Ion Ratio Lower Upper
107 100
108 110.4 90.2 135.2
77 65.7 51.8 77.8
79 61.3 47.4 71.2

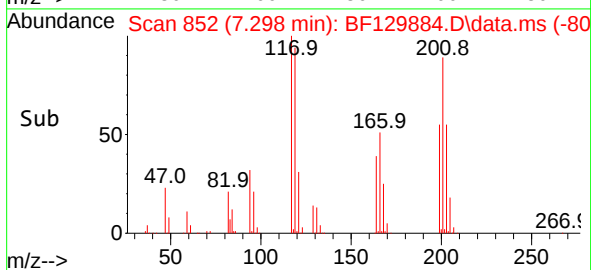
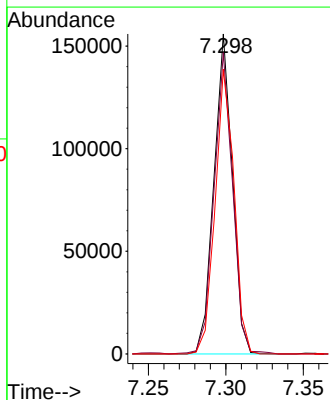
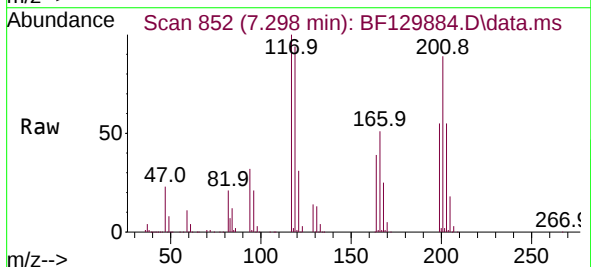
Manual Integrations
APPROVED

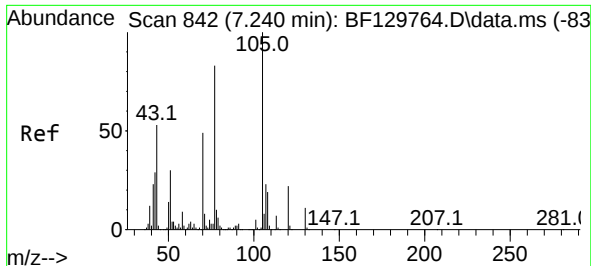
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#18
Hexachloroethane
Concen: 42.596 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

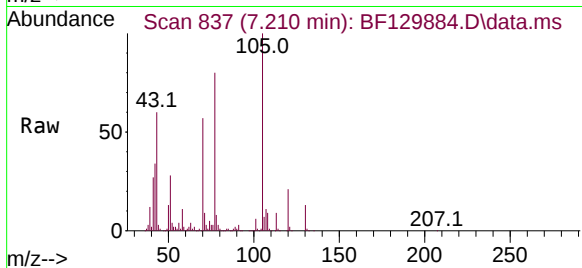
Tgt Ion:117 Resp: 129915
Ion Ratio Lower Upper
117 100
119 94.1 79.1 118.7
201 88.9 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 46.818 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

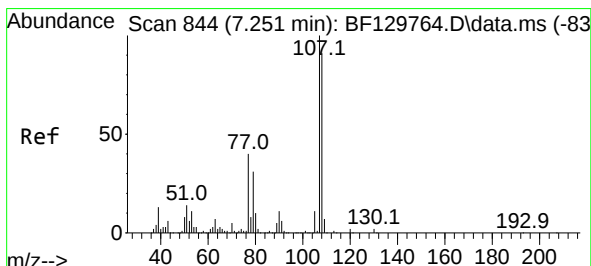
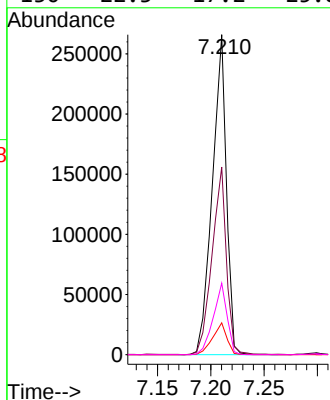
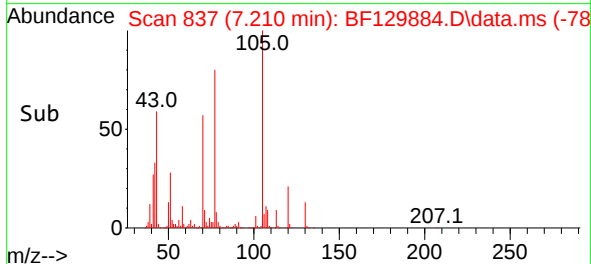
Instrument :
BNA_F
ClientSampleId :
S13MSD



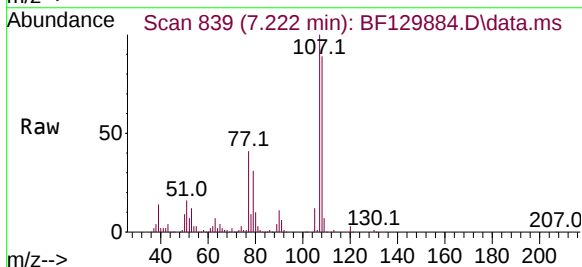
Tgt Ion: 70 Resp: 245099
Ion Ratio Lower Upper
70 100
42 58.6 47.6 71.4
101 10.0 8.1 12.1
130 22.3 17.2 25.8

Manual Integrations
APPROVED

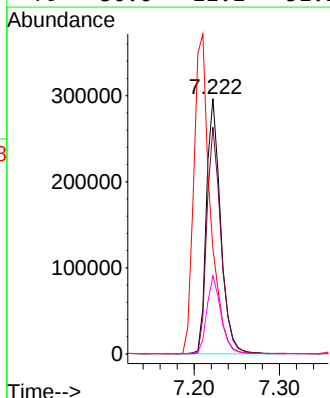
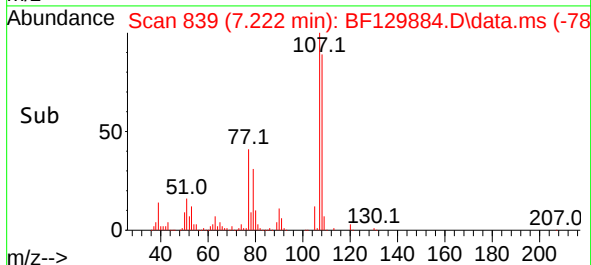
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

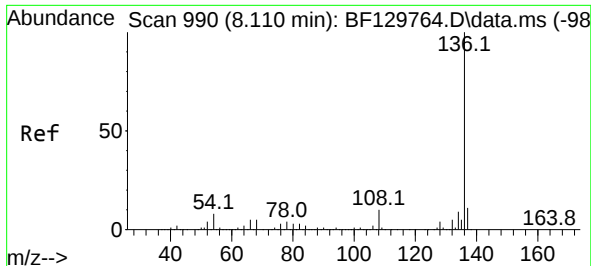


#20
3+4-Methylphenols
Concen: 43.086 ng
RT: 7.222 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



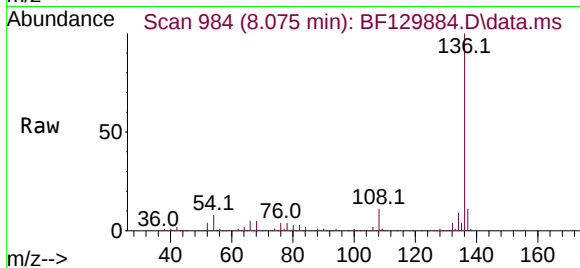
Tgt Ion:107 Resp: 341922
Ion Ratio Lower Upper
107 100
108 88.8 71.3 111.3
77 41.1 20.4 60.4
79 30.6 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

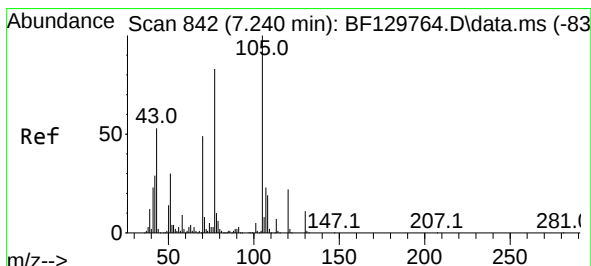
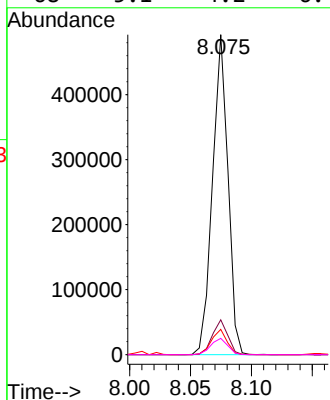
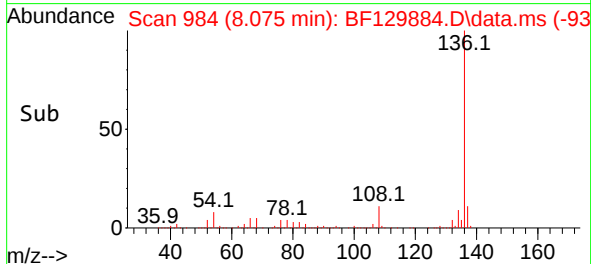
Instrument :
BNA_F
ClientSampleId :
S13MSD



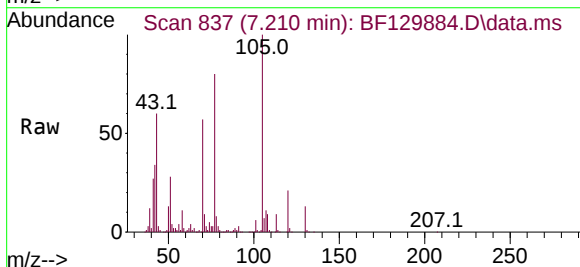
Tgt Ion:	136	Resp:	433312
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	7.9	6.2	9.2
68	5.1	4.2	6.4

Manual Integrations
APPROVED

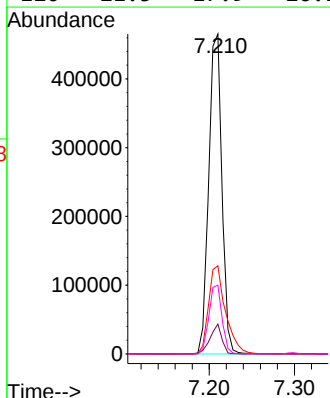
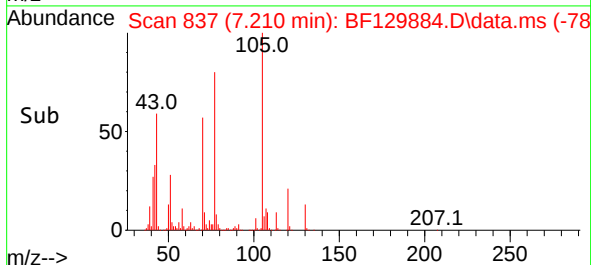
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

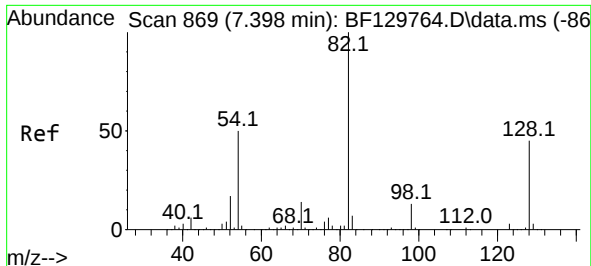


#22
Acetophenone
Concen: 47.229 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



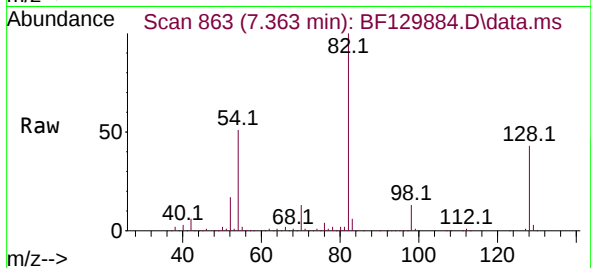
Tgt Ion:	105	Resp:	498711
Ion Ratio	Lower	Upper	
105	100		
71	9.3	6.6	9.8
51	27.5	23.8	35.8
120	21.5	17.9	26.9





#23
Nitrobenzene-d5
Concen: 86.709 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

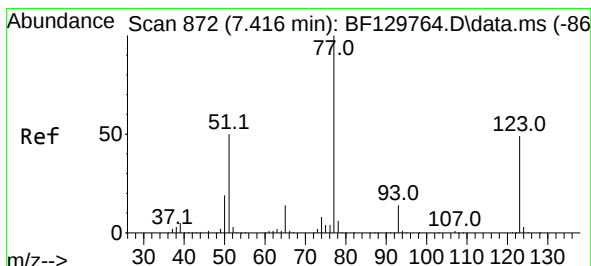
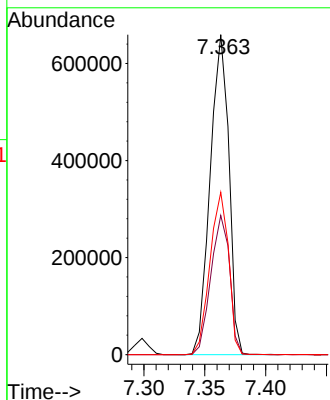
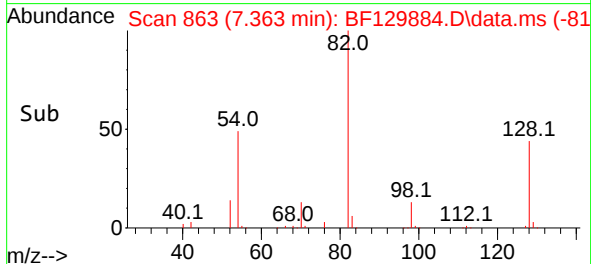
Instrument :
BNA_F
ClientSampleId :
S13MSD



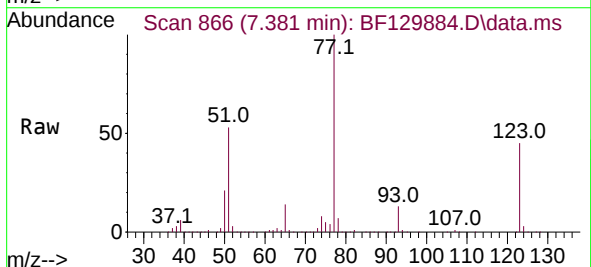
Tgt Ion: 82 Resp: 701860
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 50.7 40.0 60.0

Manual Integrations
APPROVED

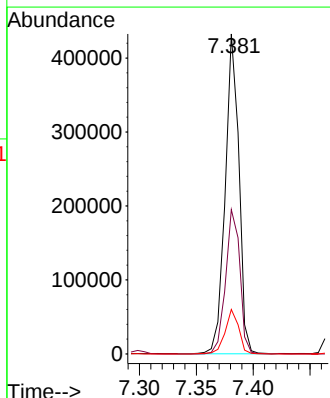
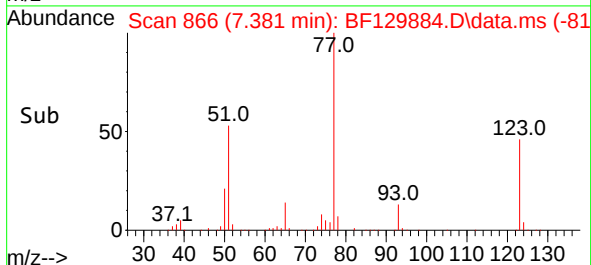
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

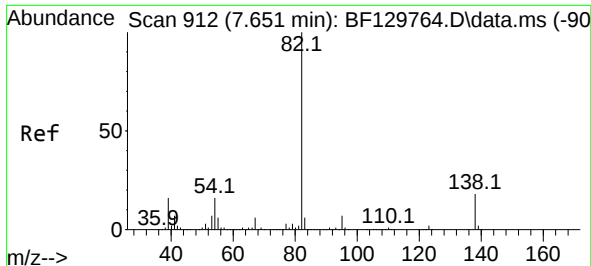


#24
Nitrobenzene
Concen: 44.443 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



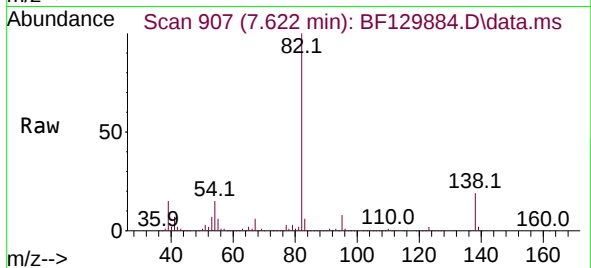
Tgt Ion: 77 Resp: 362752
Ion Ratio Lower Upper
77 100
123 45.1 39.2 58.8
65 13.9 11.1 16.7





#25
Isophorone
Concen: 47.252 ng
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

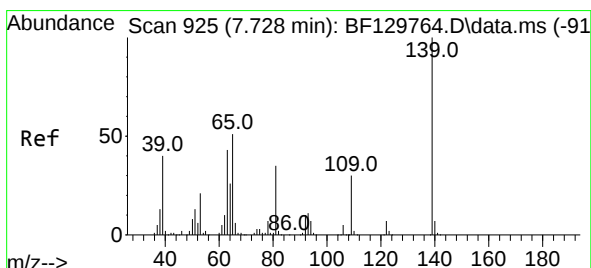
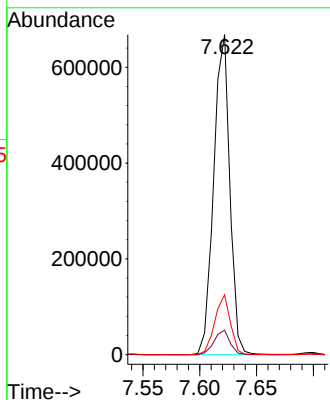
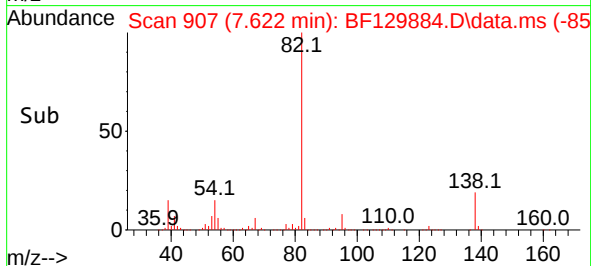
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion: 82 Resp: 658313
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.7 14.6 21.8

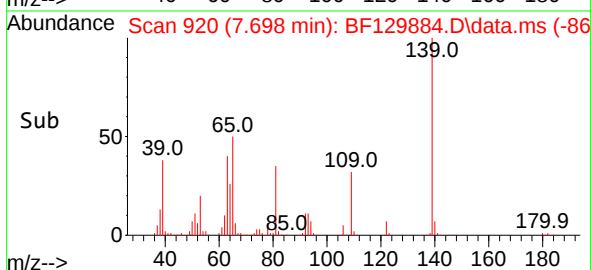
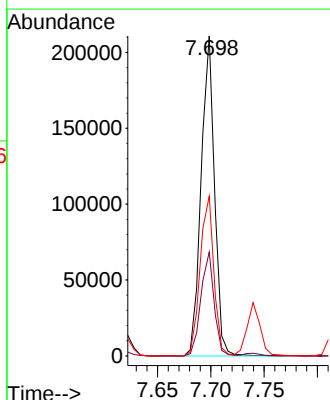
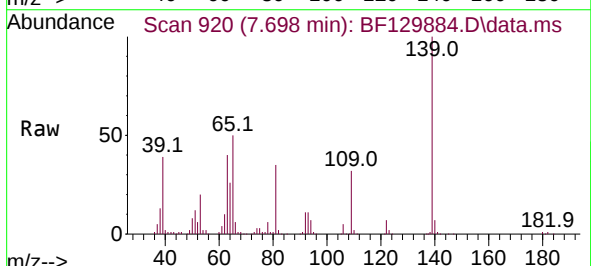
Manual Integrations
APPROVED

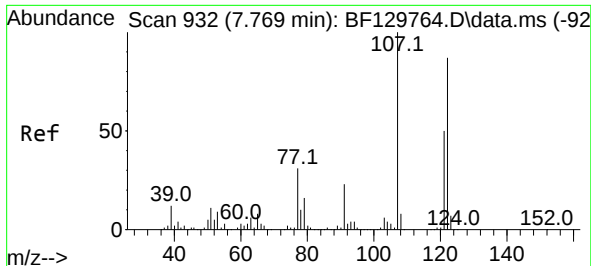
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#26
2-Nitrophenol
Concen: 45.689 ng
RT: 7.698 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Tgt Ion:139 Resp: 183431
Ion Ratio Lower Upper
139 100
109 32.5 24.4 36.6
65 50.0 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 50.408 ng

RT: 7.740 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

Instrument :

BNA_F

ClientSampleId :

S13MSD

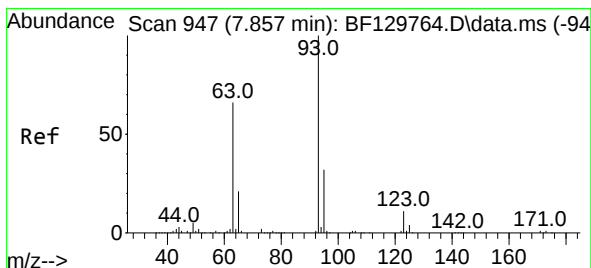
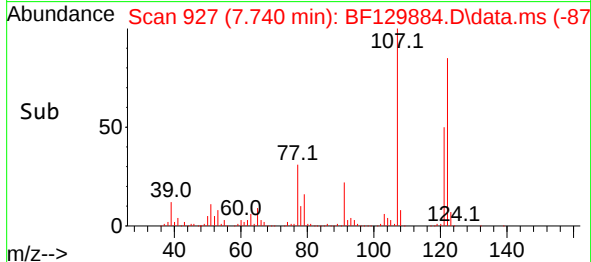
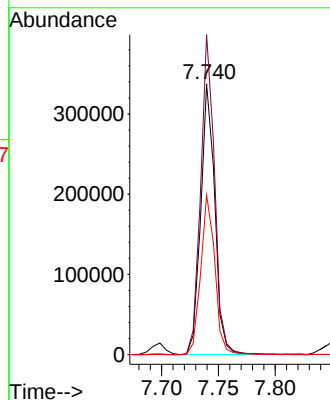
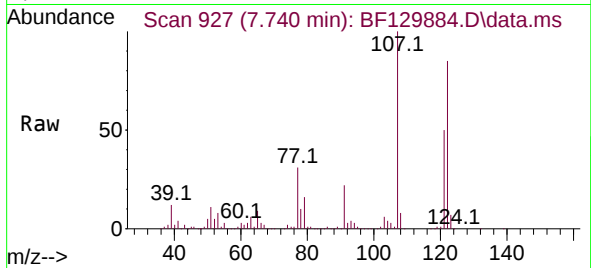
Tgt Ion:	122	Resp:	29023
Ion Ratio	Lower	Upper	
122	100		
107	118.2	92.2	138.4
121	59.0	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.116 ng

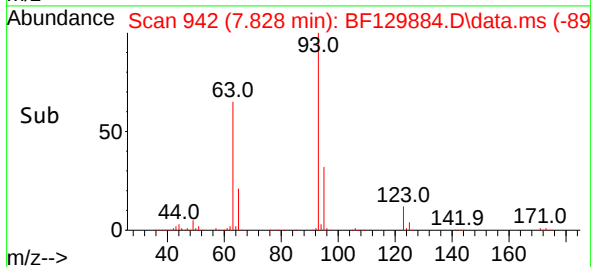
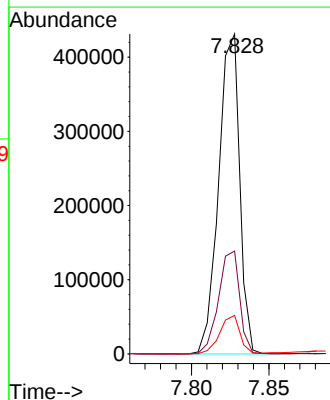
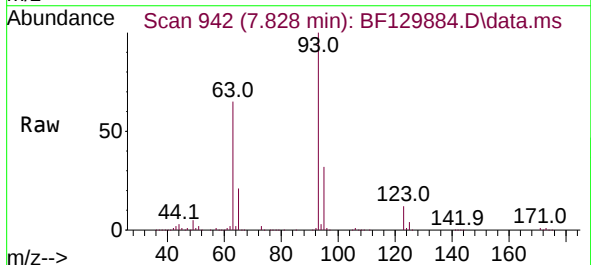
RT: 7.828 min Scan# 942

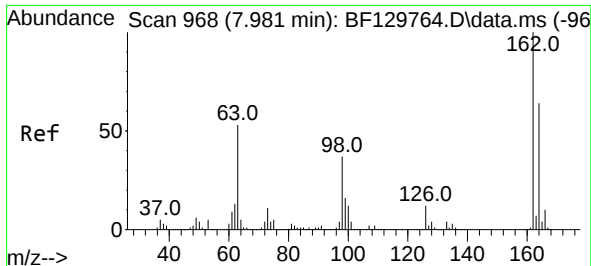
Delta R.T. 0.000 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

Tgt Ion:	93	Resp:	407667
Ion Ratio	Lower	Upper	
93	100		
95	32.1	25.6	38.4
123	12.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 44.815 ng

RT: 7.945 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

Instrument :

BNA_F

ClientSampleId :

S13MSD

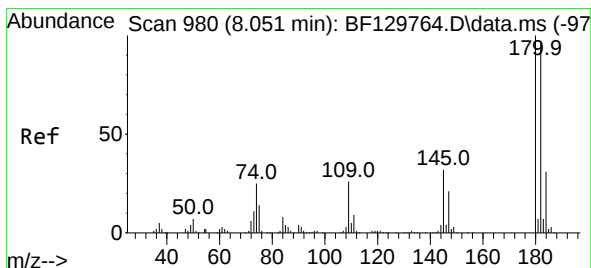
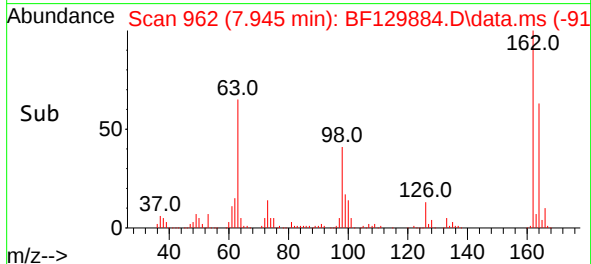
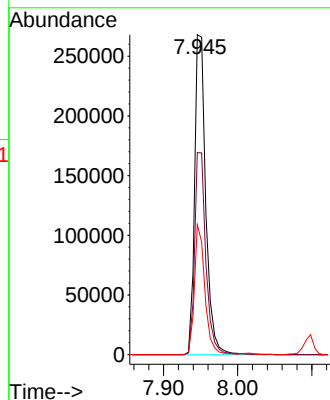
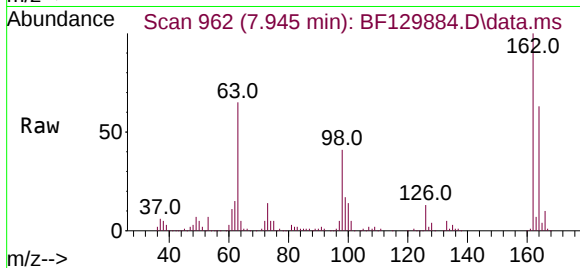
Tgt Ion:162 Resp: 282150
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.7 83.7
 98 40.6 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.065 ng

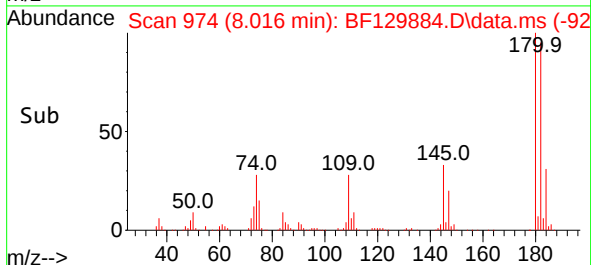
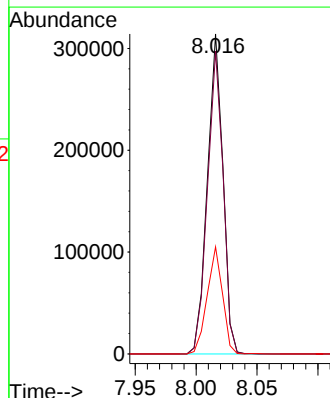
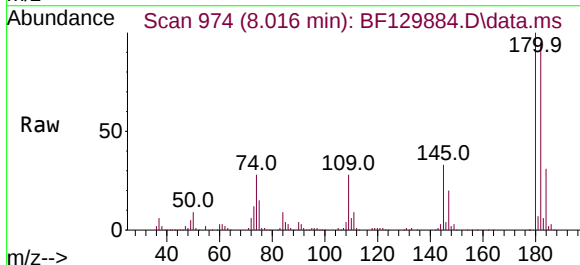
RT: 8.016 min Scan# 974

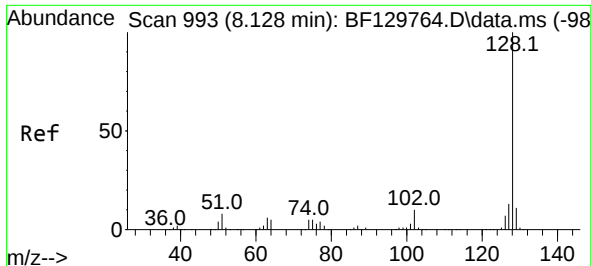
Delta R.T. -0.006 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

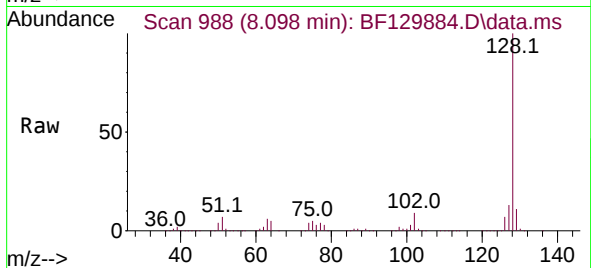
Tgt Ion:180 Resp: 279389
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.6 116.4
 145 33.4 25.6 38.4





#31
Naphthalene
Concen: 43.340 ng
RT: 8.098 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

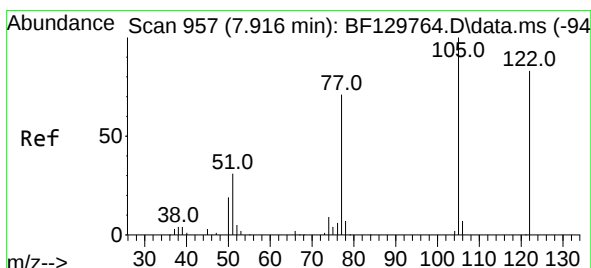
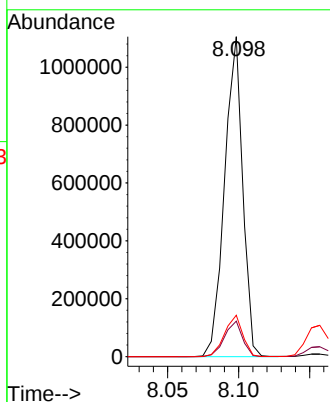
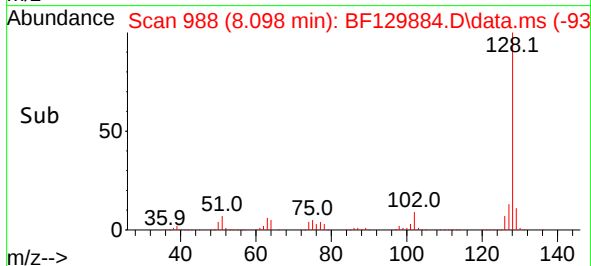
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion:128 Resp: 981928
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.7 16.1

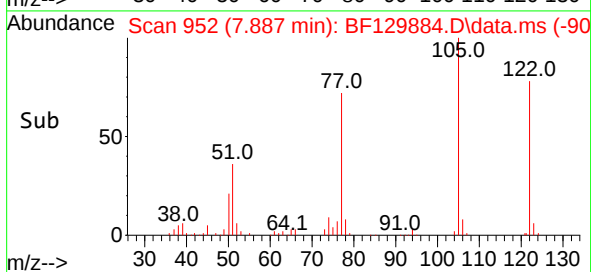
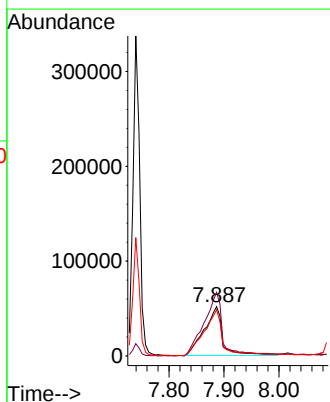
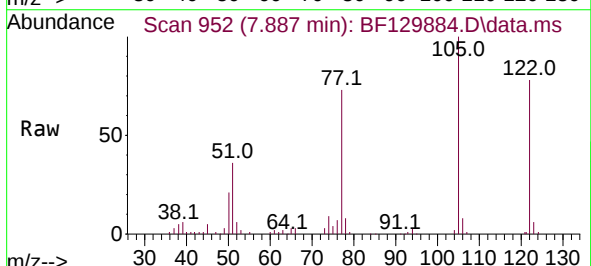
Manual Integrations
APPROVED

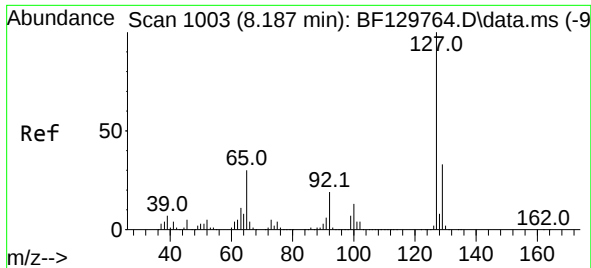
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#32
Benzoic acid
Concen: 46.945 ng
RT: 7.887 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Tgt Ion:122 Resp: 120481
Ion Ratio Lower Upper
122 100
105 129.0 99.9 139.9
77 93.8 65.9 105.9





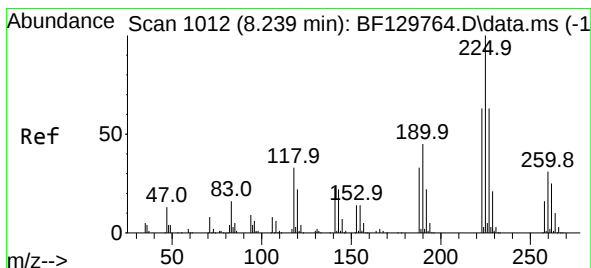
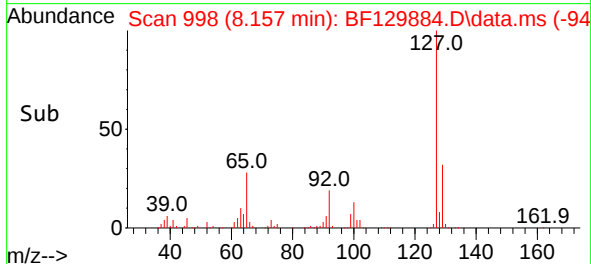
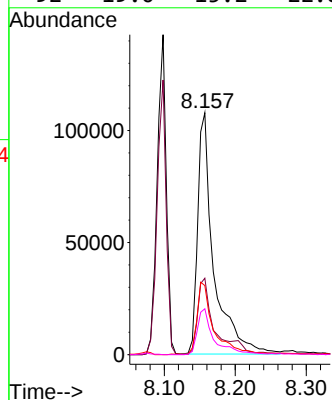
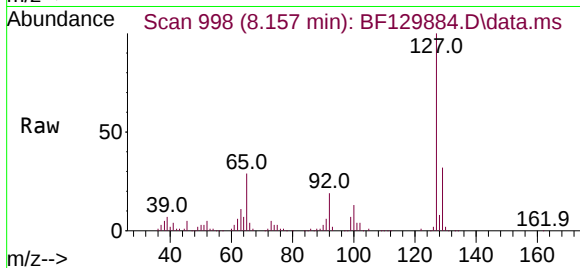
#33
4-Chloroaniline
Concen: 19.097 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Instrument :
BNA_F
ClientSampleId :
S13MSD

Tgt Ion:	127	Resp:	17014
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.7	40.1
65	28.6	24.2	36.2
92	19.0	15.2	22.8

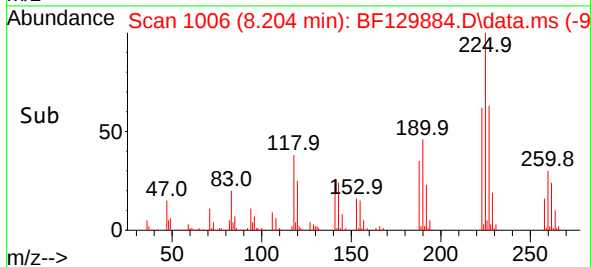
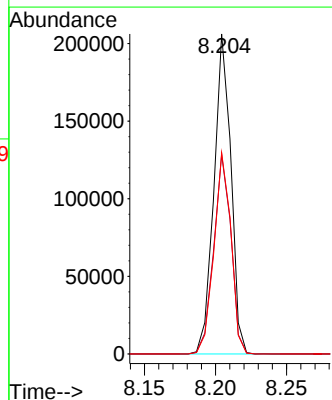
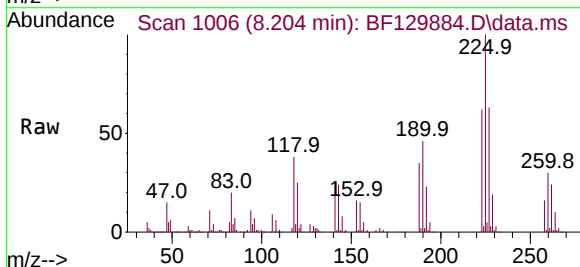
Manual Integrations
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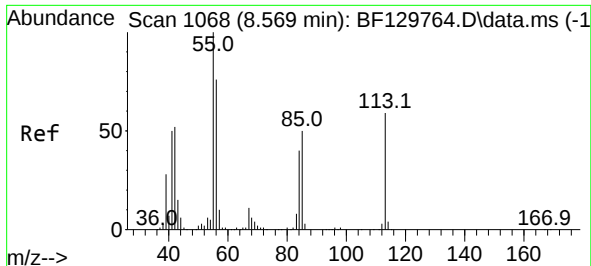
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#34
Hexachlorobutadiene
Concen: 42.358 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Tgt Ion:	225	Resp:	171305
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.2	75.2
227	62.9	50.6	75.8





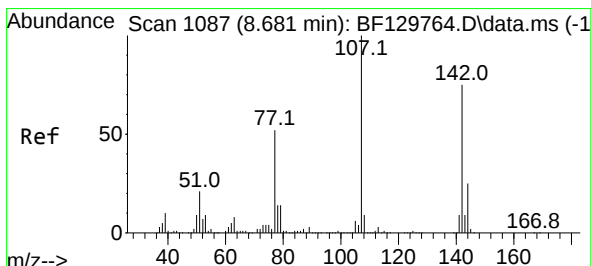
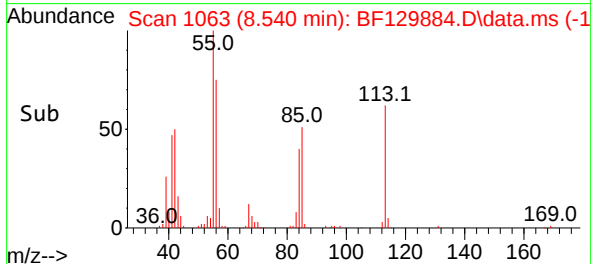
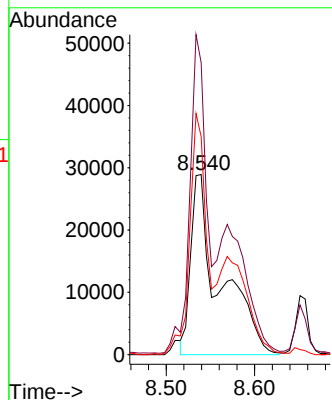
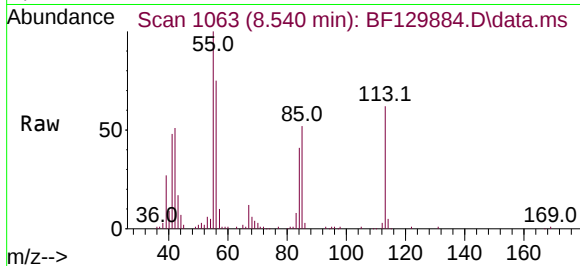
#35
 Caprolactam
 Concen: 33.797 ng m
 RT: 8.540 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: BF129884.D
 Acq: 18 Aug 2022 19:43

Instrument :
 BNA_F
 ClientSampleId :
 S13MSD

Tgt Ion:113 Resp: 66168
 Ion Ratio Lower Upper
 113 100
 55 162.1 148.8 188.8
 56 121.1 109.1 149.1

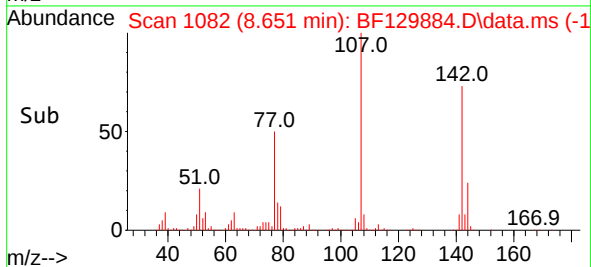
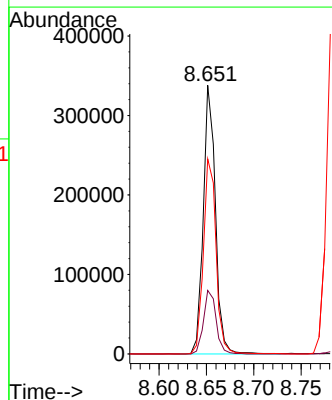
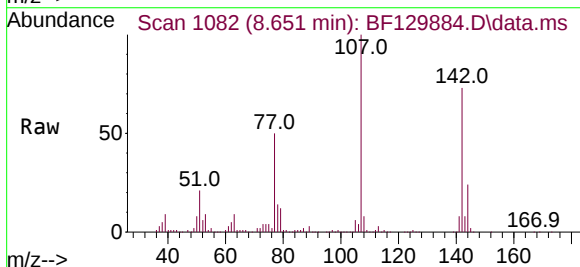
Manual Integrations
 APPROVED

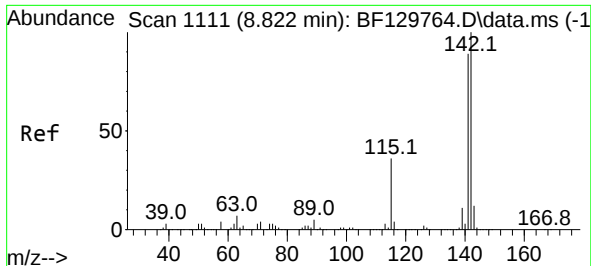
Reviewed By :Christian Giraldo 08/19/2022
 Supervised By :Jagrut Upadhyay 08/19/2022



#36
 4-Chloro-3-methylphenol
 Concen: 44.258 ng
 RT: 8.651 min Scan# 1082
 Delta R.T. 0.000 min
 Lab File: BF129884.D
 Acq: 18 Aug 2022 19:43

Tgt Ion:107 Resp: 300602
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.9 29.9
 142 72.6 60.2 90.4





#37

2-Methylnaphthalene

Concen: 43.551 ng

RT: 8.787 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

Instrument :

BNA_F

ClientSampleId :

S13MSD

Tgt Ion:142 Resp: 647609

Ion Ratio Lower Upper

142 100

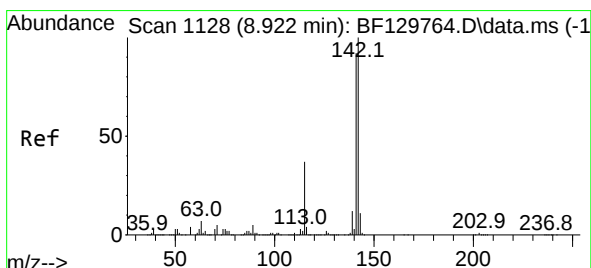
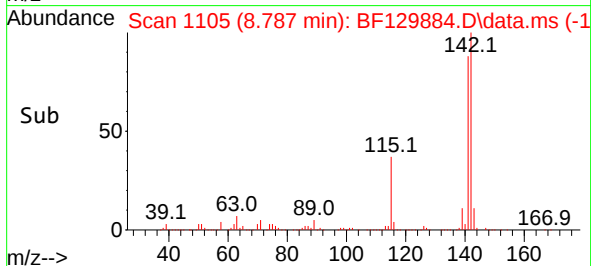
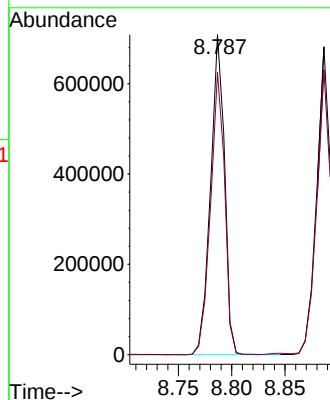
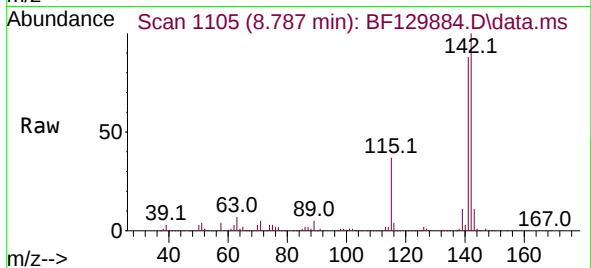
141 88.2 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#38

1-Methylnaphthalene

Concen: 42.385 ng

RT: 8.887 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF129884.D

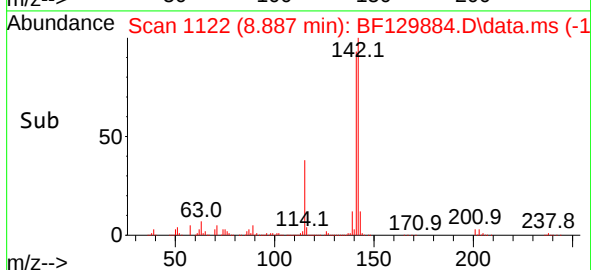
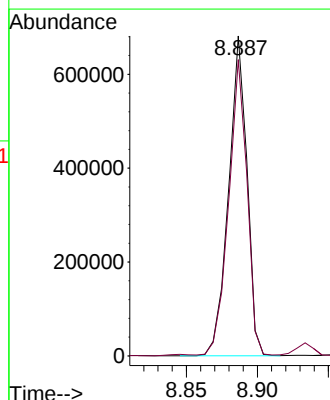
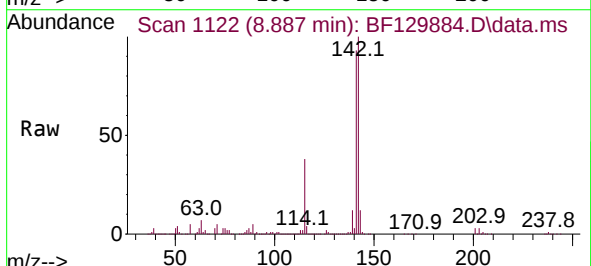
Acq: 18 Aug 2022 19:43

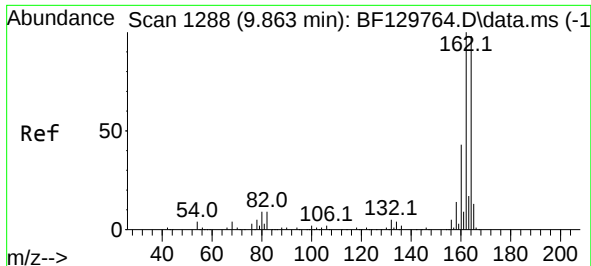
Tgt Ion:142 Resp: 612526

Ion Ratio Lower Upper

142 100

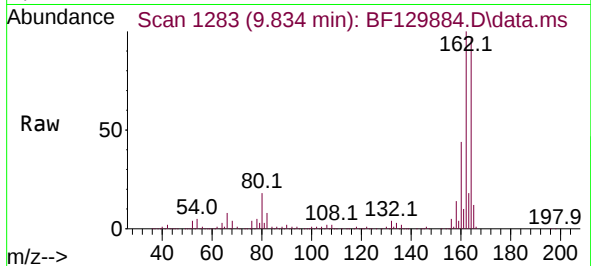
141 92.6 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

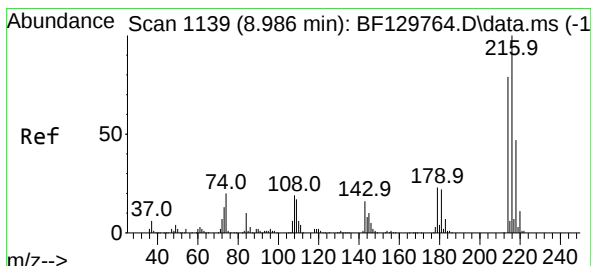
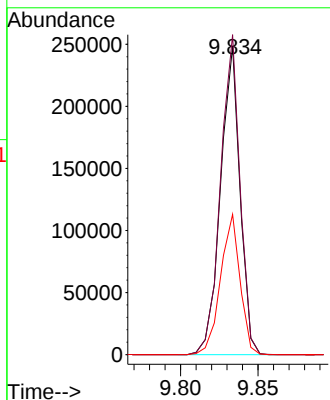
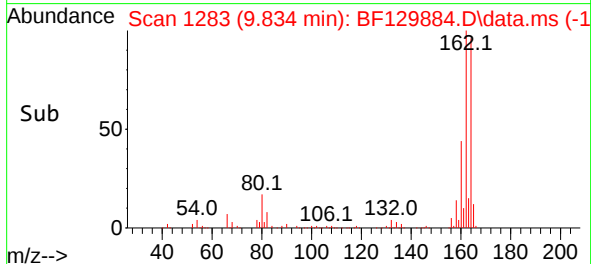
Instrument :
BNA_F
ClientSampleId :
S13MSD



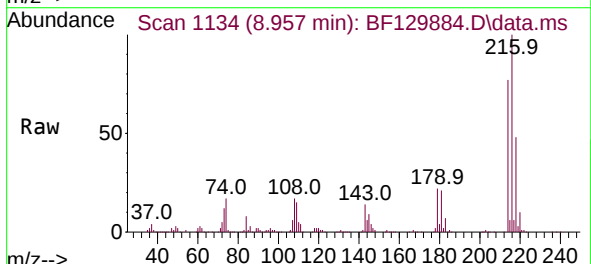
Tgt Ion:164 Resp: 216662
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 45.4 35.4 53.0

Manual Integrations
APPROVED

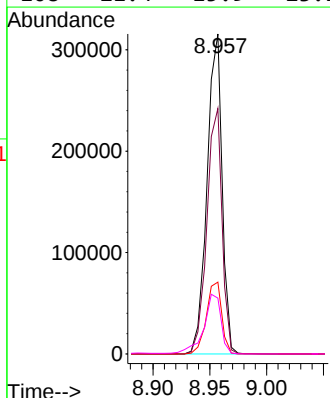
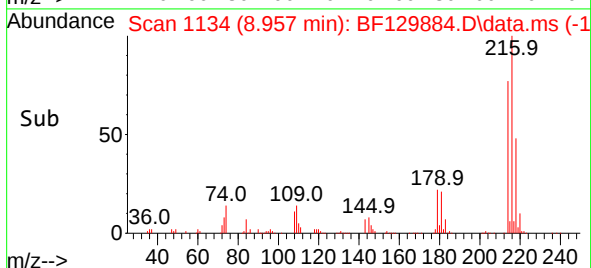
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

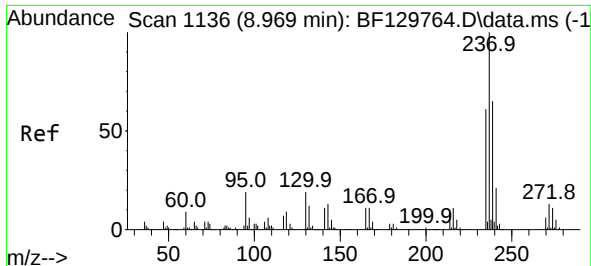


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.352 ng
RT: 8.957 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



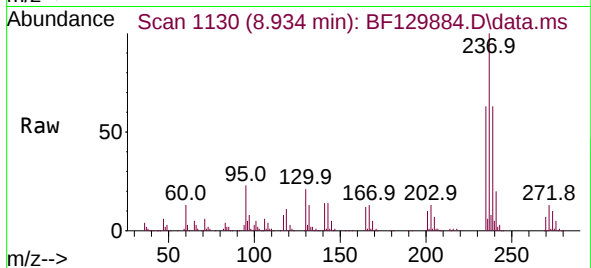
Tgt Ion:216 Resp: 291380
Ion Ratio Lower Upper
216 100
214 77.3 63.1 94.7
179 22.9 18.1 27.1
108 21.4 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 82.915 ng
RT: 8.934 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

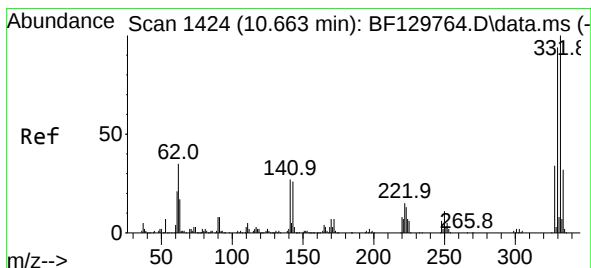
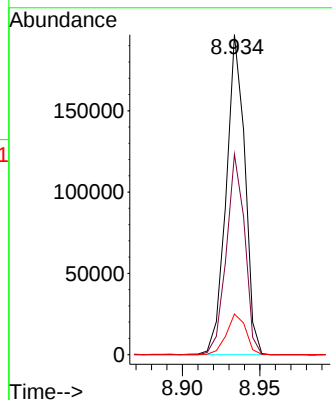
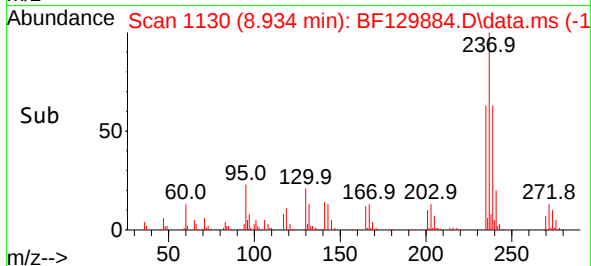
Instrument :
BNA_F
ClientSampleId :
S13MSD



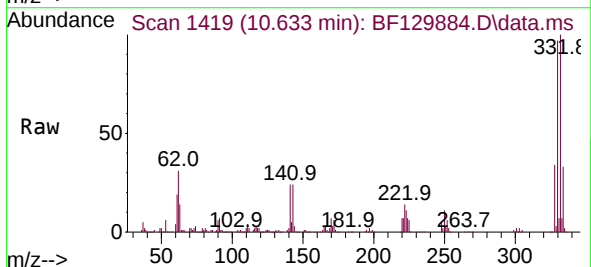
Tgt Ion: 237 Resp: 165449
Ion Ratio Lower Upper
237 100
235 62.6 41.5 81.5
272 12.7 0.0 33.3

Manual Integrations
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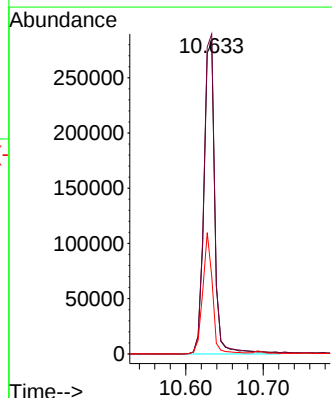
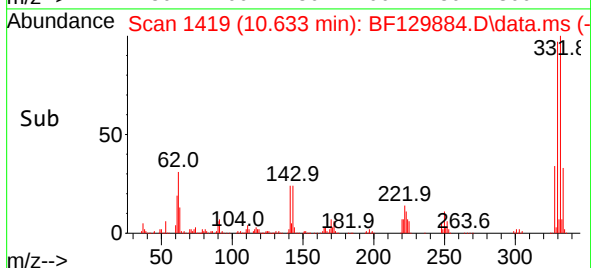
Reviewed By : Christian Giraldo 08/19/2022
Supervised By : Jagrut Upadhyay 08/19/2022

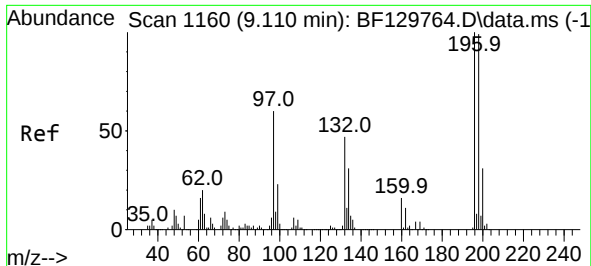


#42
2,4,6-Tribromophenol
Concen: 126.296 ng
RT: 10.633 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



Tgt Ion: 330 Resp: 274640
Ion Ratio Lower Upper
330 100
332 102.1 82.6 124.0
141 34.7 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 47.171 ng

RT: 9.081 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

Instrument :

BNA_F

ClientSampleId :

S13MSD

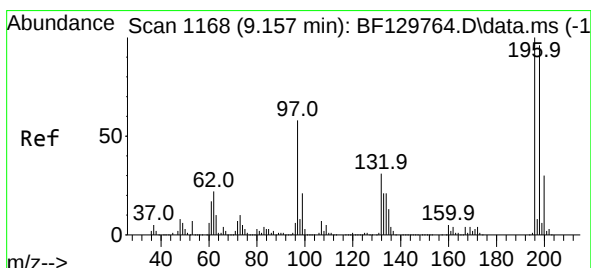
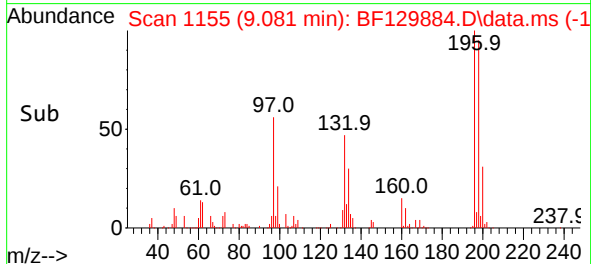
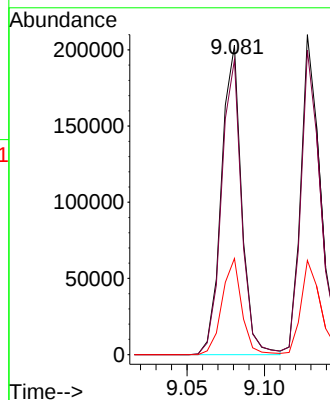
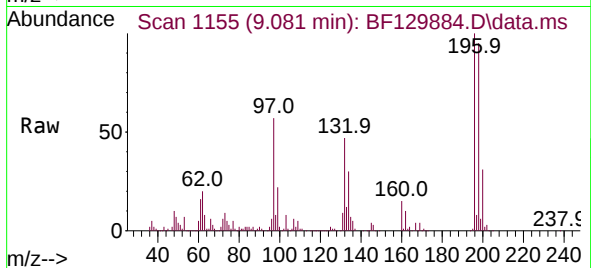
Tgt Ion:196	Resp: 18469
Ion Ratio	Lower Upper
196	100
198	95.3 79.0 118.4
200	31.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#44

2,4,5-Trichlorophenol

Concen: 45.514 ng

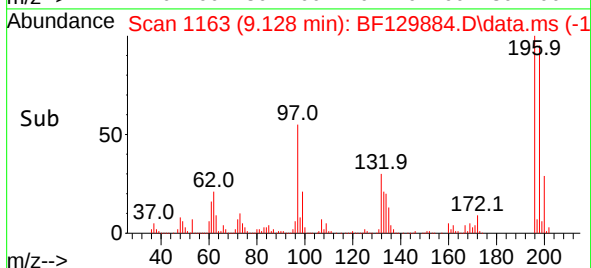
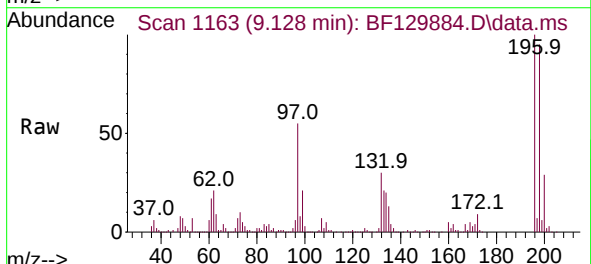
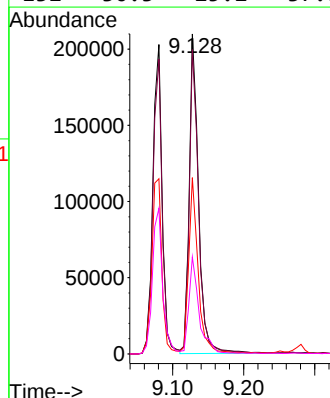
RT: 9.128 min Scan# 1163

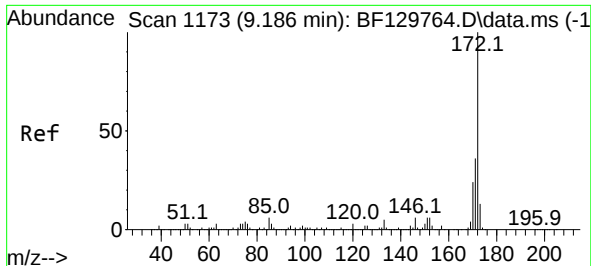
Delta R.T. 0.000 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

Tgt Ion:196	Resp: 191725
Ion Ratio	Lower Upper
196	100
198	95.1 76.4 114.6
97	55.1 46.5 69.7
132	30.3 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 88.545 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

Instrument :

BNA_F

ClientSampleId :

S13MSD

Tgt Ion:172 Resp: 1263145

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

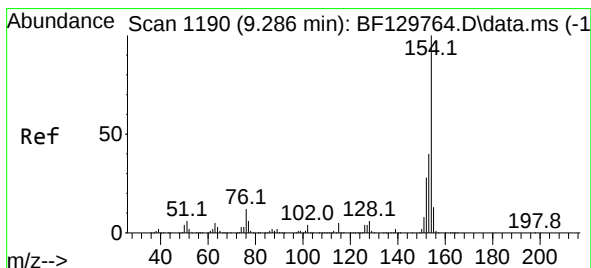
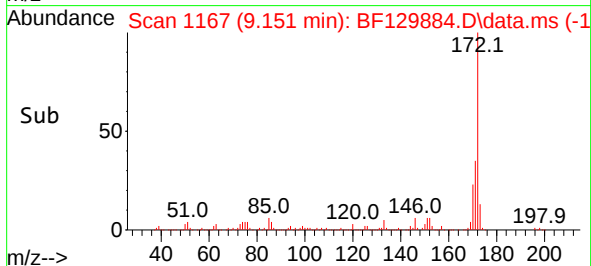
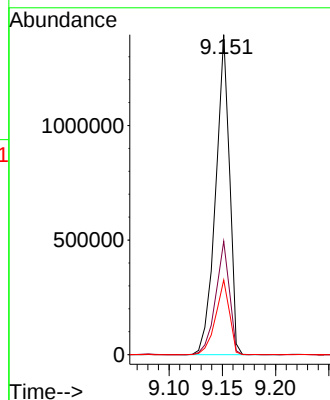
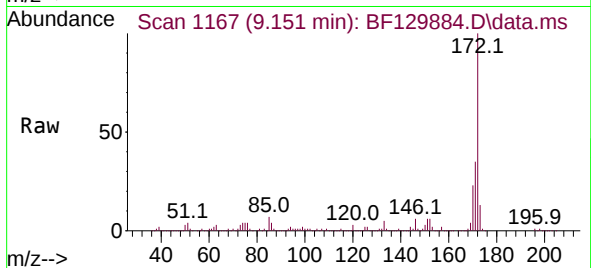
170 23.3 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#46

1,1'-Biphenyl

Concen: 47.918 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

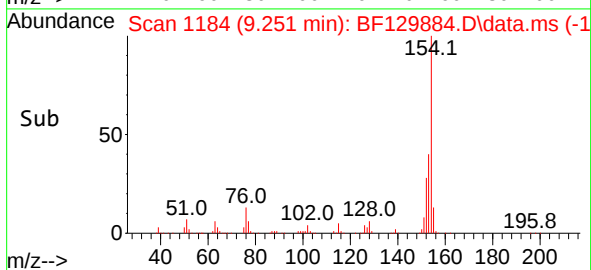
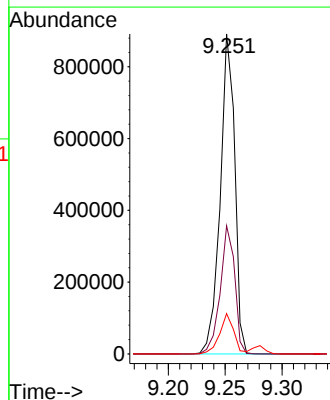
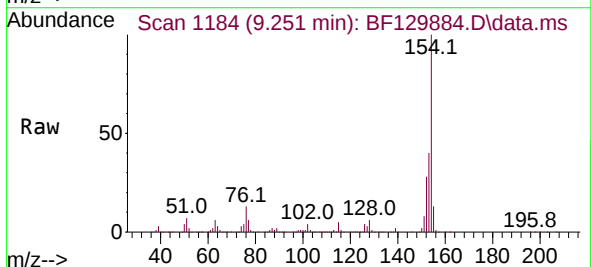
Tgt Ion:154 Resp: 788726

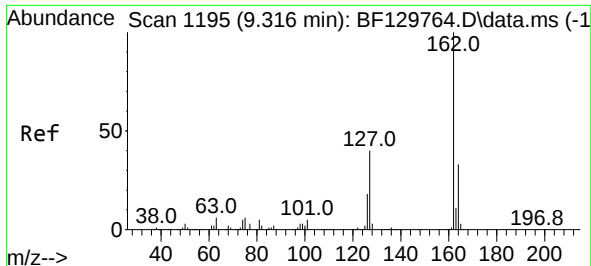
Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

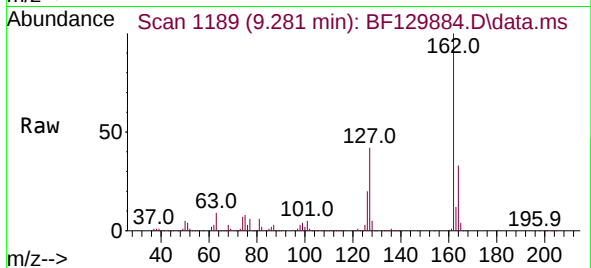
76 12.6 0.0 32.1





#47
2-Chloronaphthalene
Concen: 46.169 ng
RT: 9.281 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

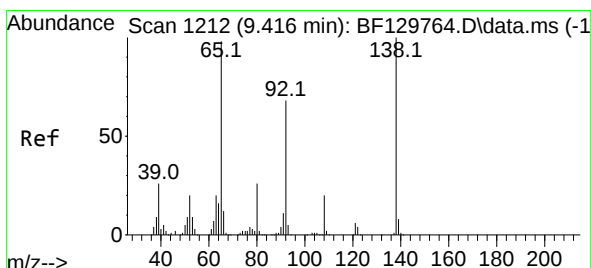
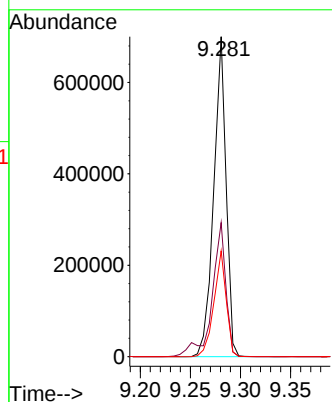
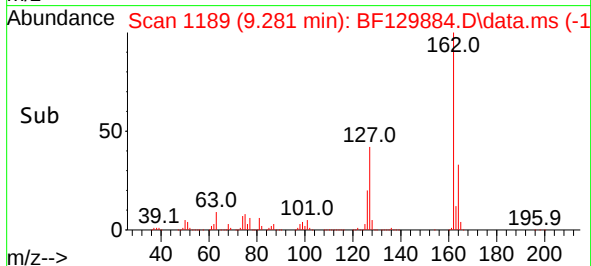
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion:162 Resp: 601290
Ion Ratio Lower Upper
162 100
127 41.9 33.1 49.7
164 33.0 26.7 40.1

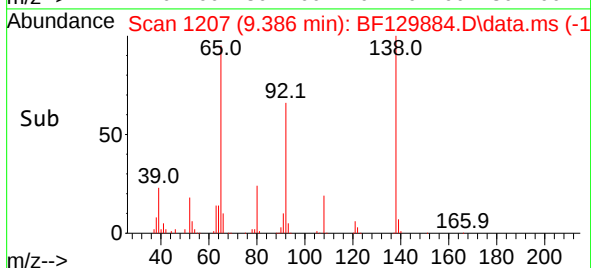
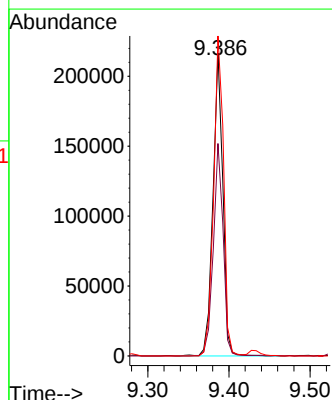
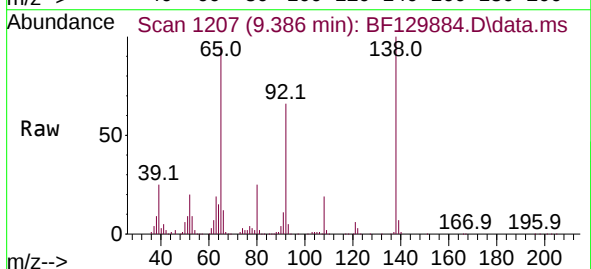
Manual Integrations
APPROVED

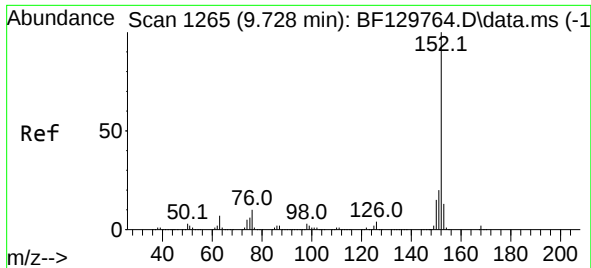
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#48
2-Nitroaniline
Concen: 44.701 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

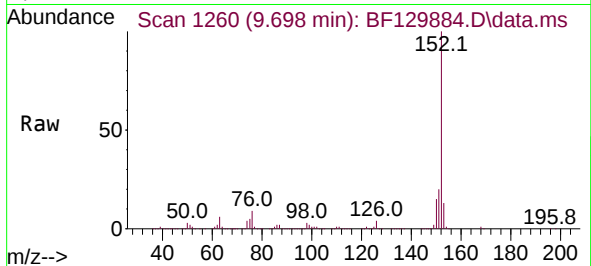
Tgt Ion: 65 Resp: 183979
Ion Ratio Lower Upper
65 100
92 70.1 55.0 82.4
138 105.6 81.3 121.9





#49
Acenaphthylene
Concen: 45.846 ng
RT: 9.698 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

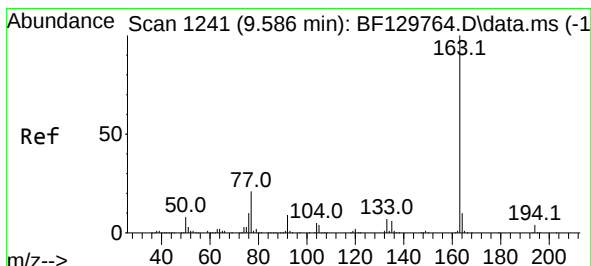
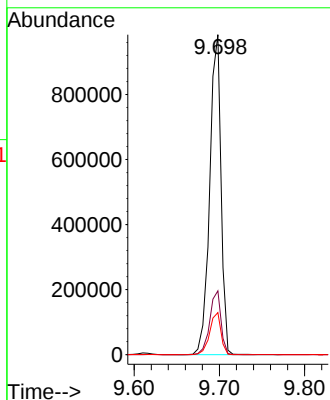
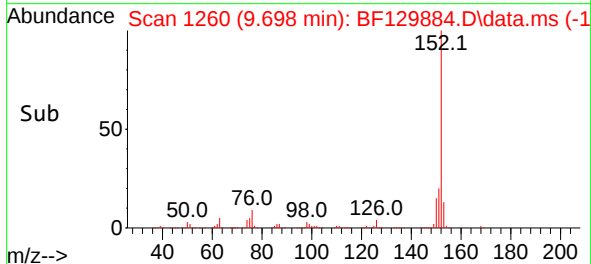
Instrument :
BNA_F
ClientSampleId :
S13MSD



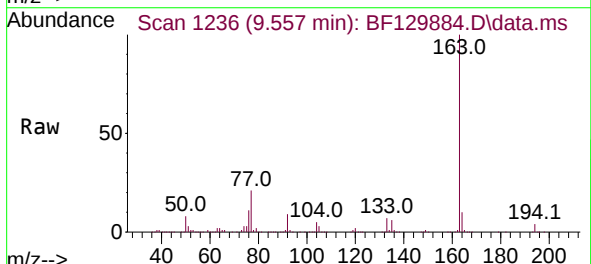
Tgt Ion:152 Resp: 905435
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.6 16.0

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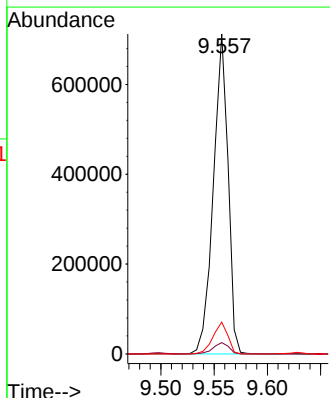
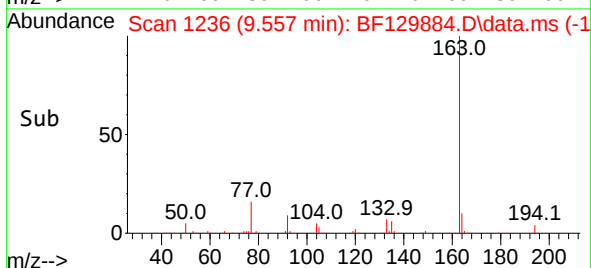
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

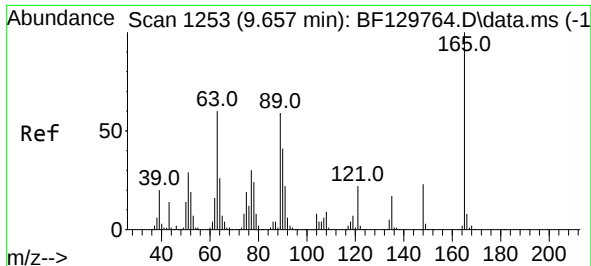


#50
Dimethylphthalate
Concen: 44.016 ng
RT: 9.557 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



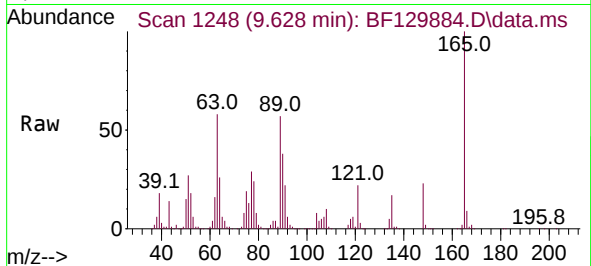
Tgt Ion:163 Resp: 683655
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.066 ng
RT: 9.628 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

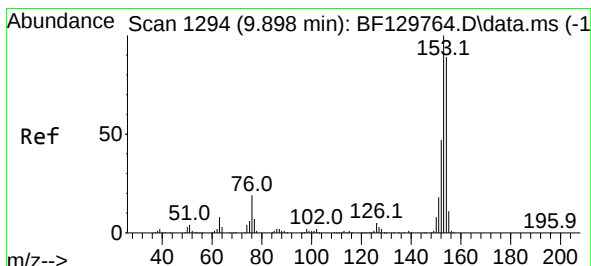
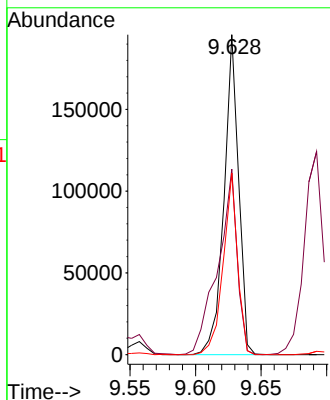
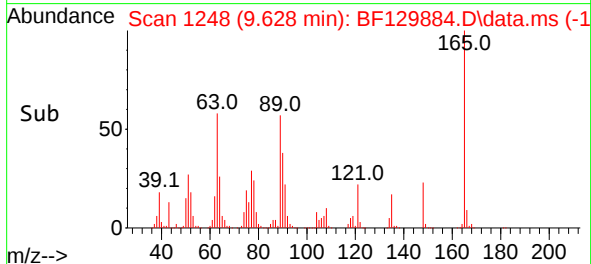
Instrument :
BNA_F
ClientSampleId :
S13MSD



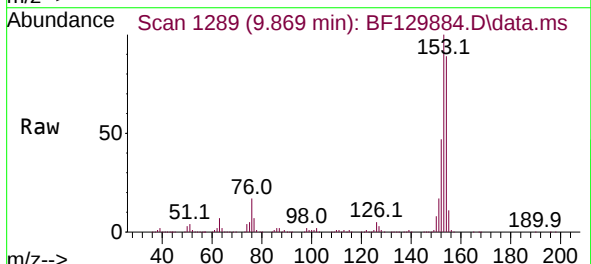
Tgt Ion:165 Resp: 151839
Ion Ratio Lower Upper
165 100
63 58.0 47.8 71.8
89 56.7 47.2 70.8

Manual Integrations
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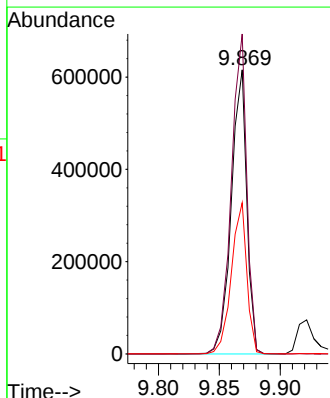
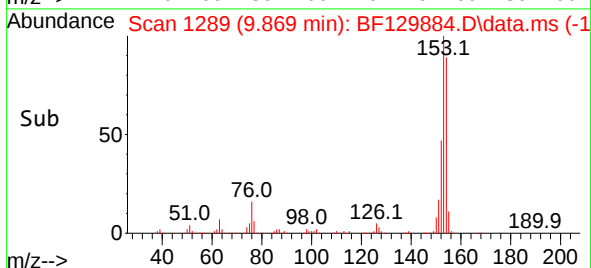
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

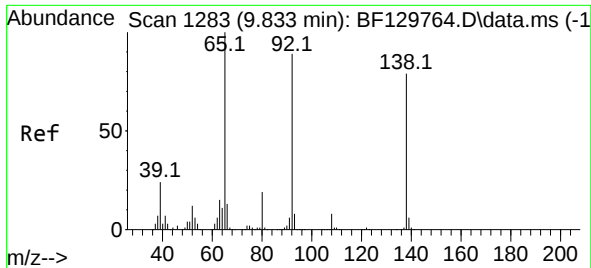


#52
Acenaphthene
Concen: 45.573 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



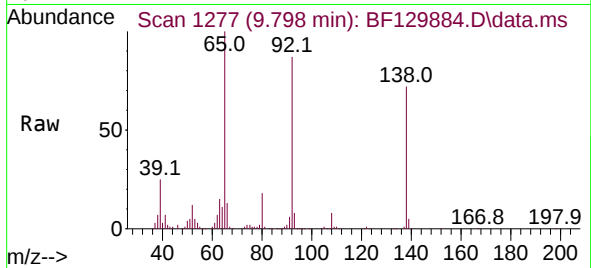
Tgt Ion:154 Resp: 546058
Ion Ratio Lower Upper
154 100
153 112.7 89.8 134.6
152 53.2 42.1 63.1





#53
3-Nitroaniline
Concen: 24.838 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

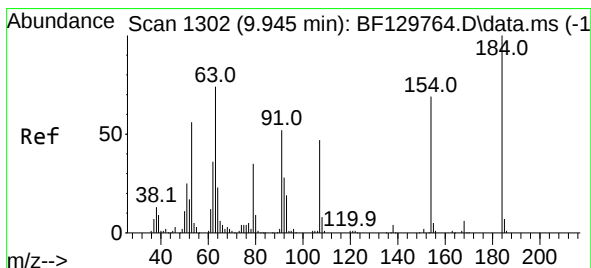
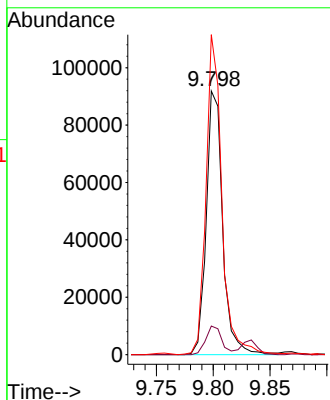
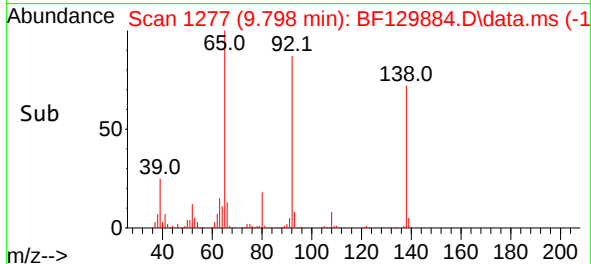
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion:138 Resp: 92546
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 121.4 89.8 134.8

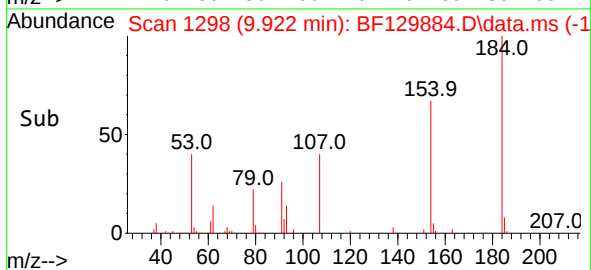
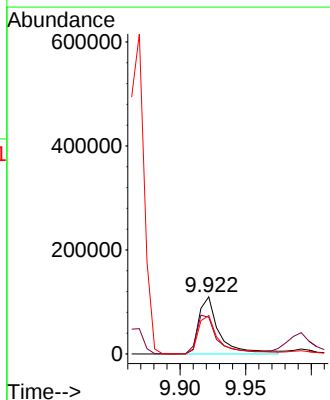
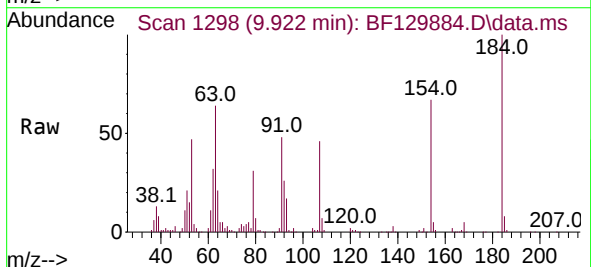
Manual Integrations
APPROVED

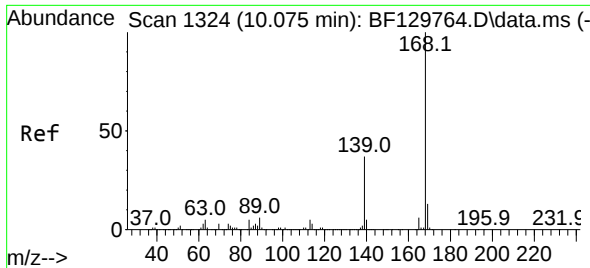
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#54
2,4-Dinitrophenol
Concen: 78.167 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

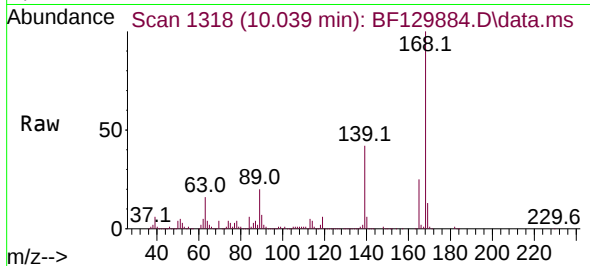
Tgt Ion:184 Resp: 118868
Ion Ratio Lower Upper
184 100
63 64.3 59.6 89.4
154 67.2 55.3 82.9





#55
Dibenzofuran
Concen: 44.498 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

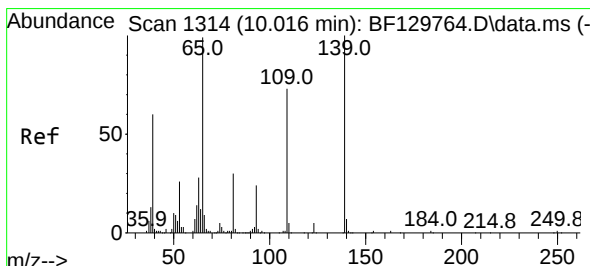
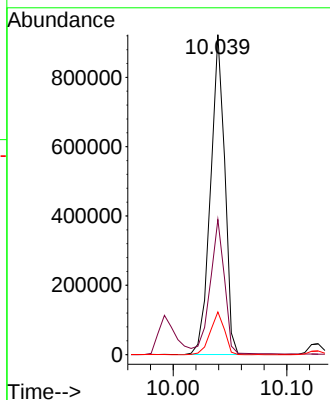
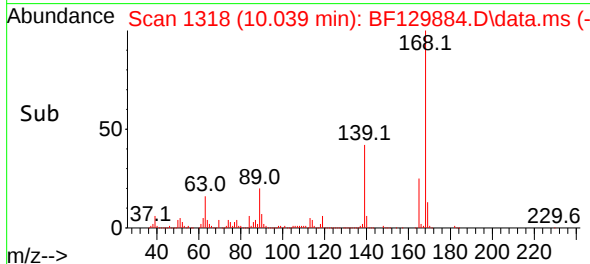
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion:168 Resp: 80100
Ion Ratio Lower Upper
168 100
139 42.2 31.3 46.9
169 13.3 10.7 16.1

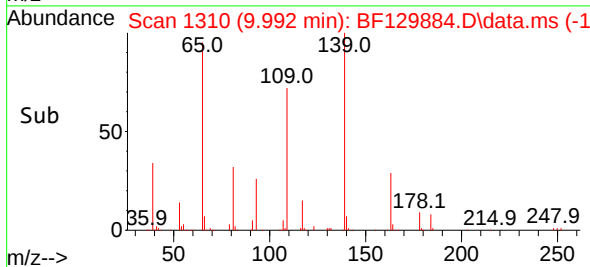
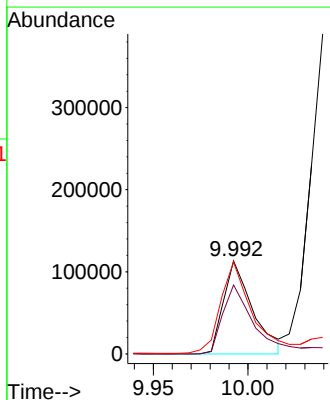
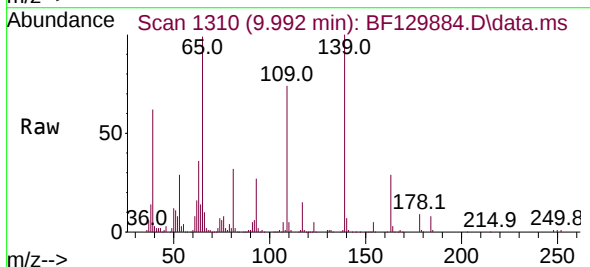
Manual Integrations
APPROVED

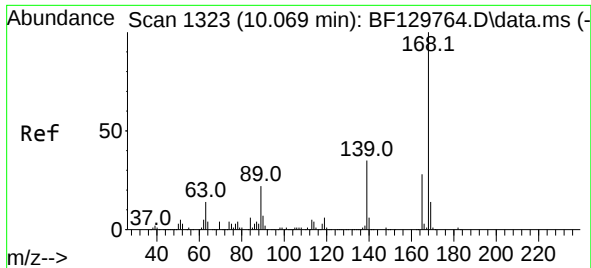
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#56
4-Nitrophenol
Concen: 72.768 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

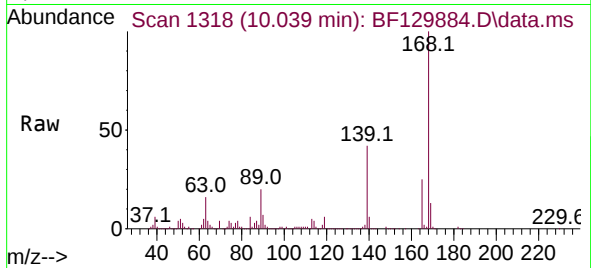
Tgt Ion:139 Resp: 120624
Ion Ratio Lower Upper
139 100
109 74.1 52.9 92.9
65 98.8 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 42.182 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

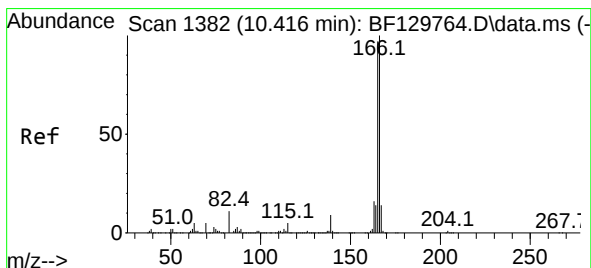
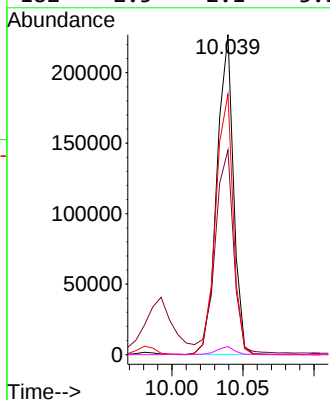
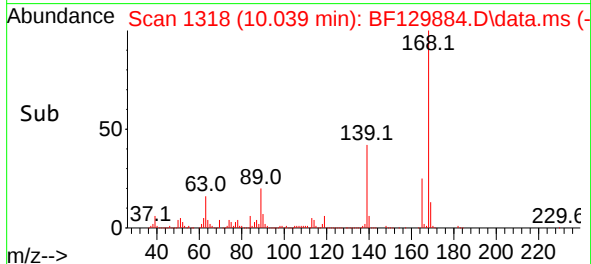
Instrument :
BNA_F
ClientSampleId :
S13MSD



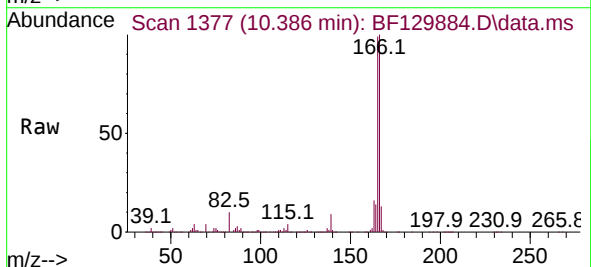
Tgt Ion:165 Resp: 184492
Ion Ratio Lower Upper
165 100
63 63.9 48.4 72.6
89 81.4 62.3 93.5
182 2.5 2.1 3.1

Manual Integrations
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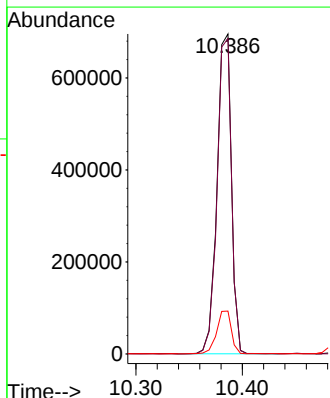
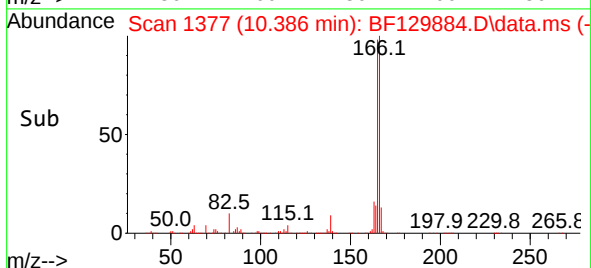
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

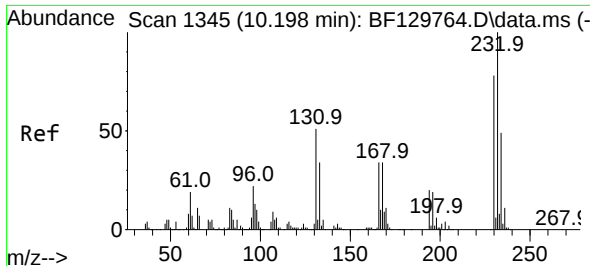


#58
Fluorene
Concen: 43.500 ng
RT: 10.386 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



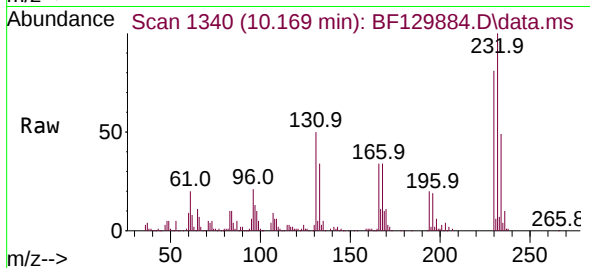
Tgt Ion:166 Resp: 653814
Ion Ratio Lower Upper
166 100
165 98.5 77.9 116.9
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.093 ng
RT: 10.169 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

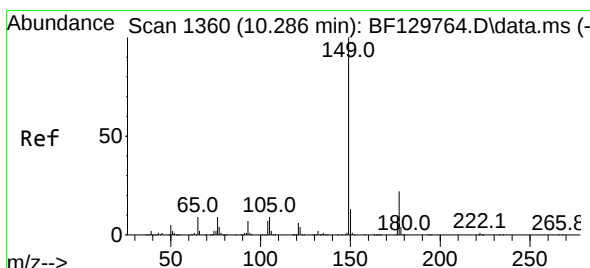
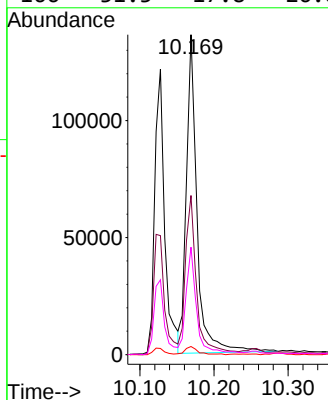
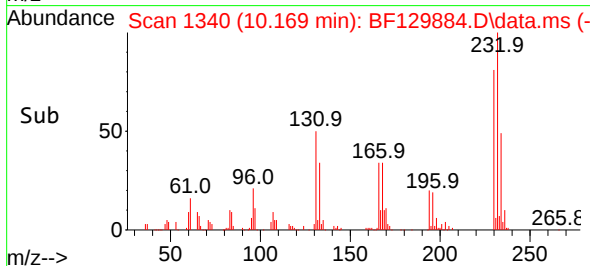
Instrument :
BNA_F
ClientSampleId :
S13MSD



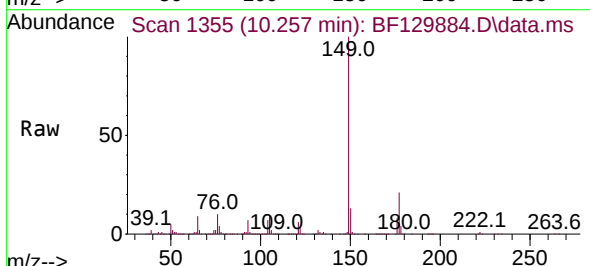
Tgt Ion:232 Resp: 136308
Ion Ratio Lower Upper
232 100
131 49.0 29.9 44.9
130 3.1 1.5 2.3
166 31.3 17.8 26.8

Manual Integrations
APPROVED

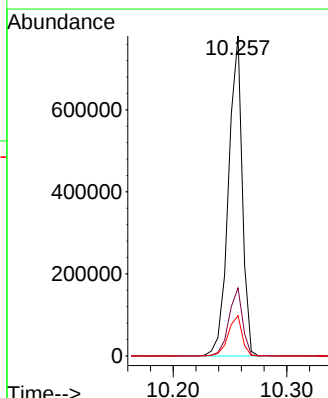
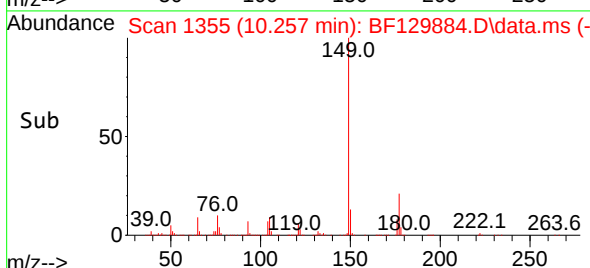
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

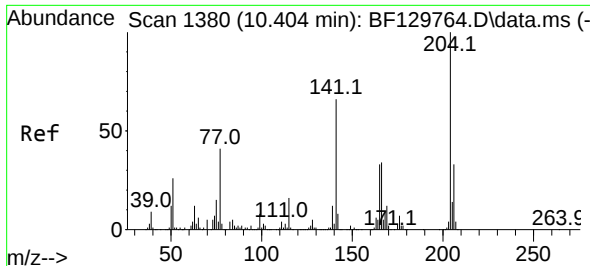


#60
Diethylphthalate
Concen: 42.396 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



Tgt Ion:149 Resp: 656590
Ion Ratio Lower Upper
149 100
177 21.2 17.7 26.5
150 12.6 10.1 15.1





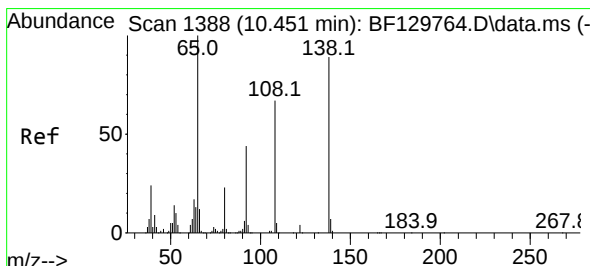
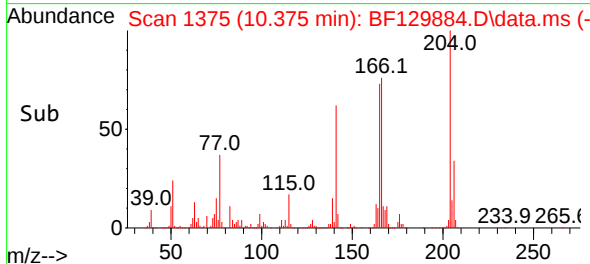
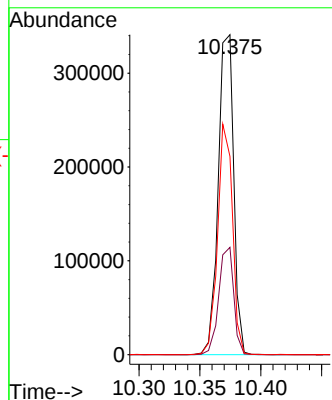
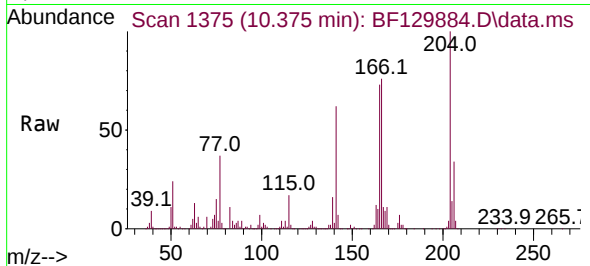
#61
4-Chlorophenyl-phenylether
Concen: 44.827 ng
RT: 10.375 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Instrument :
BNA_F
ClientSampleId :
S13MSD

Tgt Ion:204 Resp: 302363
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 61.9 52.6 79.0

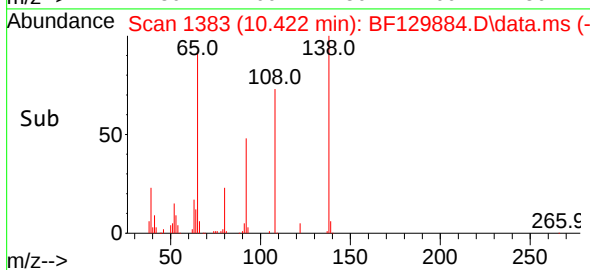
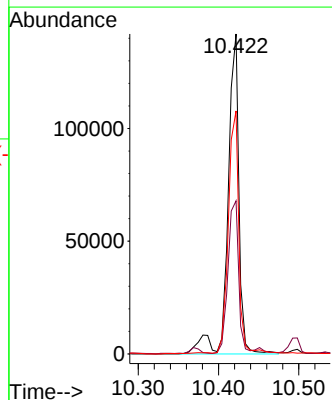
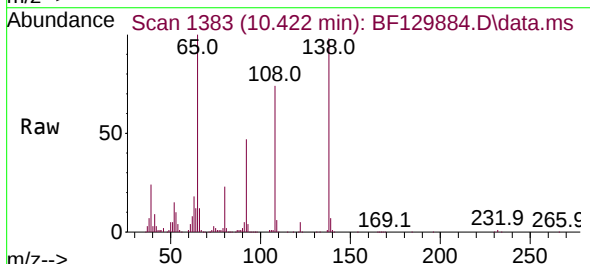
Manual Integrations
APPROVED

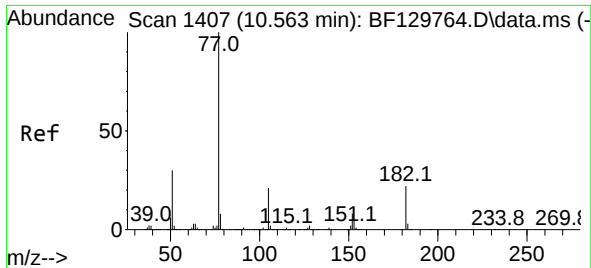
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#62
4-Nitroaniline
Concen: 35.960 ng m
RT: 10.422 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

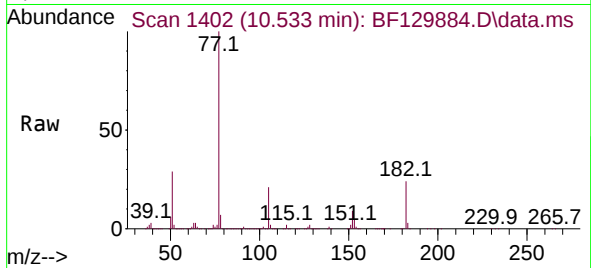
Tgt Ion:138 Resp: 135171
Ion Ratio Lower Upper
138 100
92 47.8 30.3 70.3
108 75.9 55.7 95.7





#63
Azobenzene
Concen: 42.752 ng
RT: 10.533 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

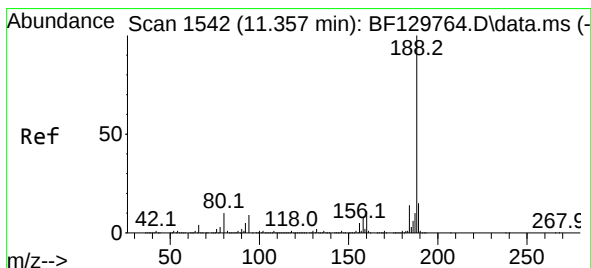
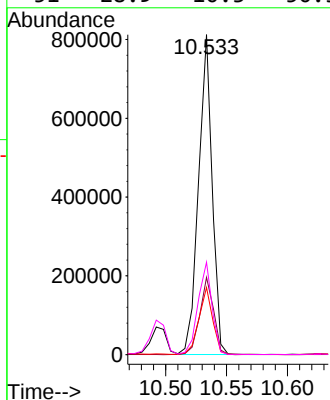
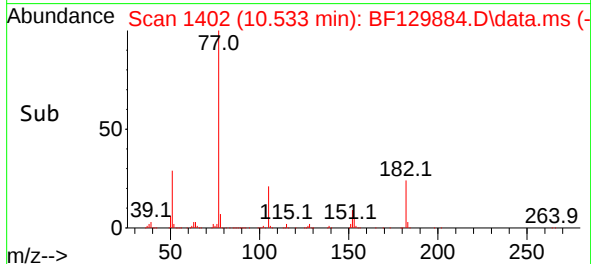
Instrument :
BNA_F
ClientSampleId :
S13MSD



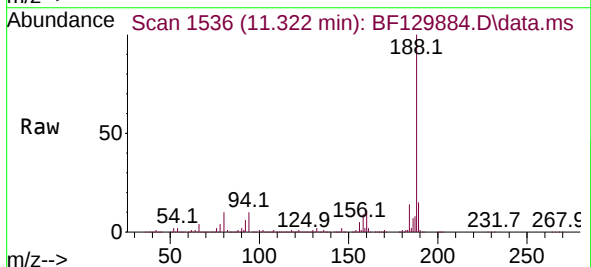
Tgt Ion: 77 Resp: 632873
Ion Ratio Lower Upper
77 100
182 24.1 2.2 42.2
105 21.0 0.8 40.8
51 28.9 10.3 50.3

Manual Integrations
APPROVED

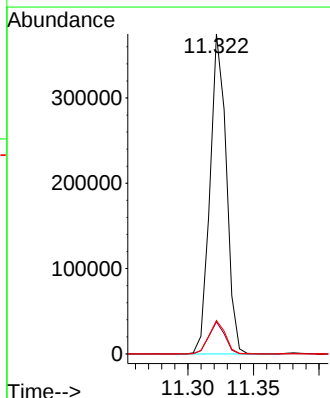
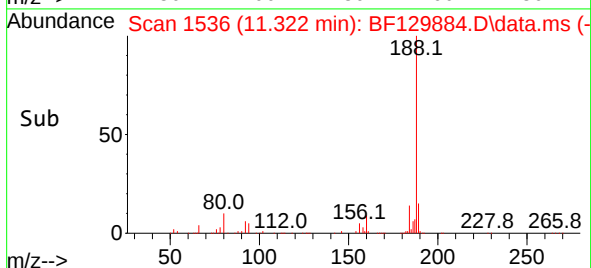
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

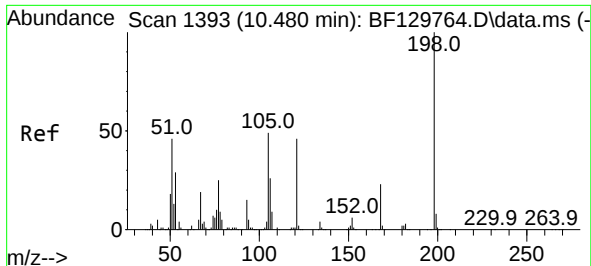


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



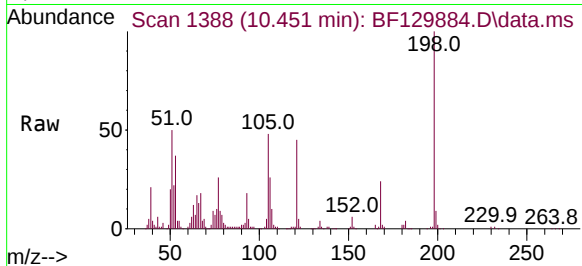
Tgt Ion:188 Resp: 324365
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.4 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.805 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

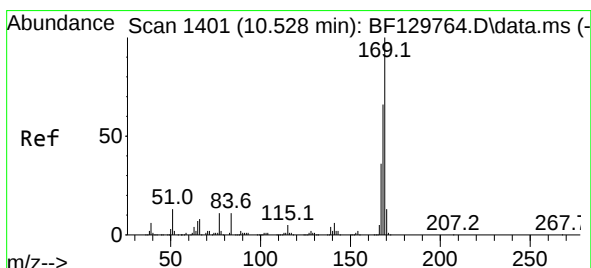
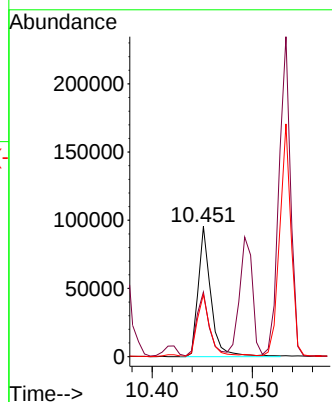
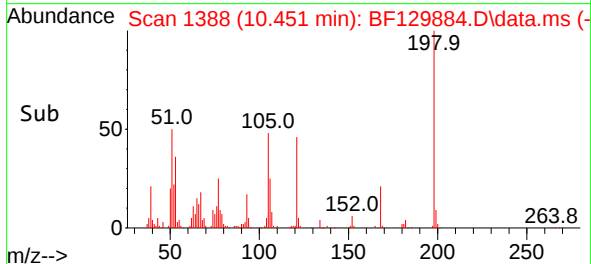
Instrument :
BNA_F
ClientSampleId :
S13MSD



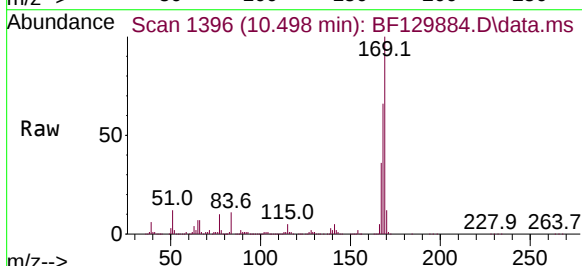
Tgt Ion:198 Resp: 83413
Ion Ratio Lower Upper
198 100
51 49.6 29.4 69.4
105 47.7 29.2 69.2

Manual Integrations
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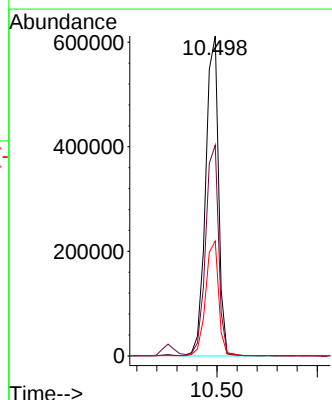
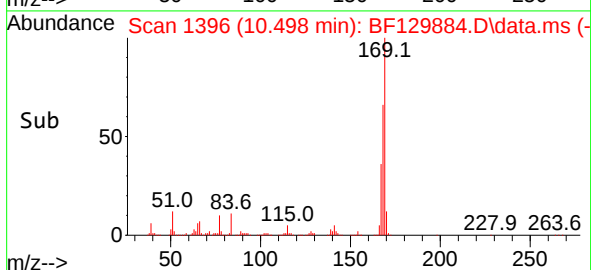
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

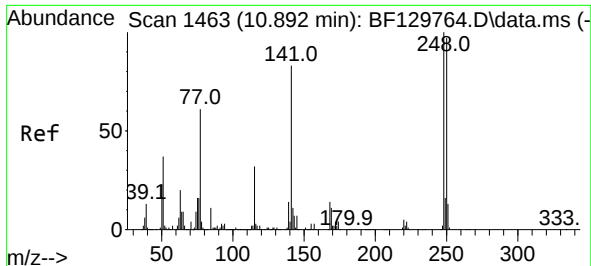


#66
n-Nitrosodiphenylamine
Concen: 49.645 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



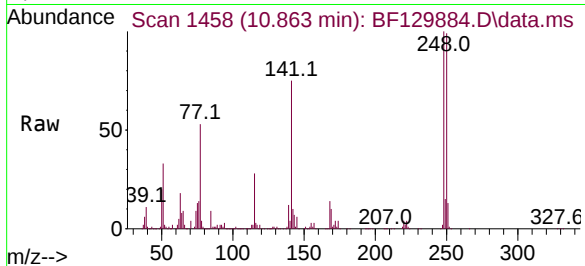
Tgt Ion:169 Resp: 543518
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 35.9 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 49.246 ng
RT: 10.863 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

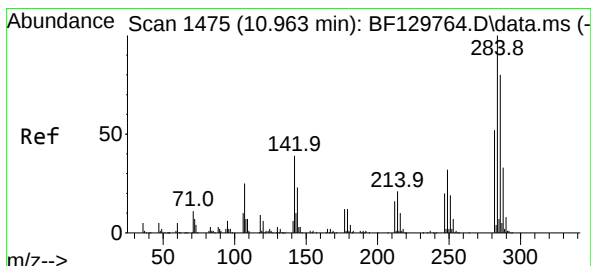
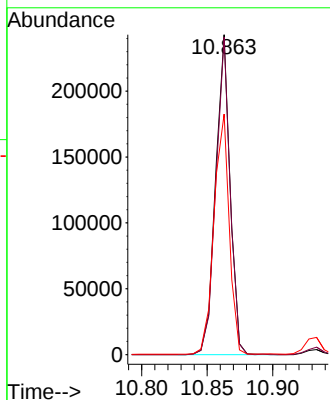
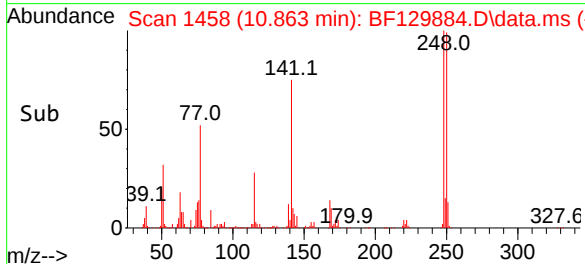
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion:248 Resp: 187094
Ion Ratio Lower Upper
248 100
250 99.2 77.8 116.6
141 75.2 66.2 99.2

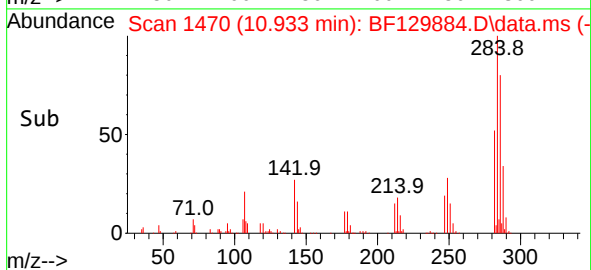
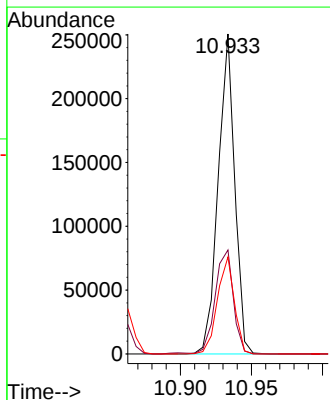
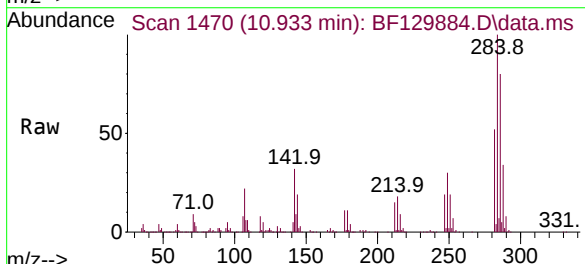
Manual Integrations
APPROVED

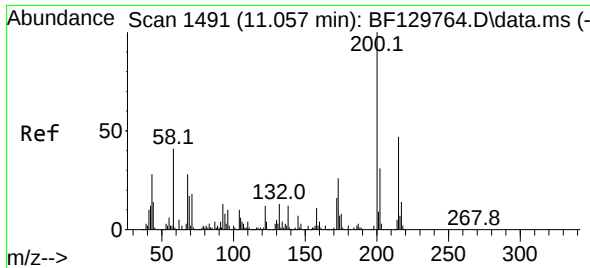
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#68
Hexachlorobenzene
Concen: 49.477 ng
RT: 10.933 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

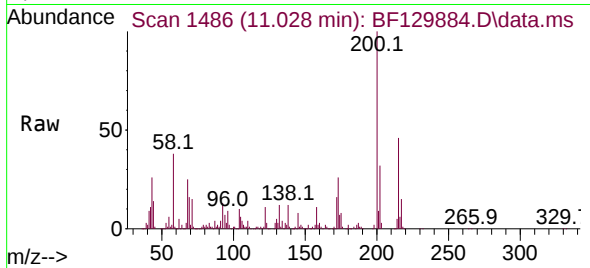
Tgt Ion:284 Resp: 203617
Ion Ratio Lower Upper
284 100
142 32.5 31.4 47.0
249 30.3 25.7 38.5





#69
Atrazine
Concen: 49.716 ng
RT: 11.028 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

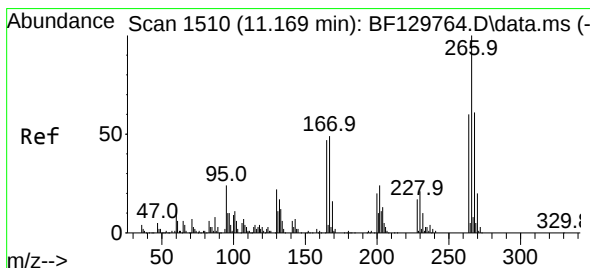
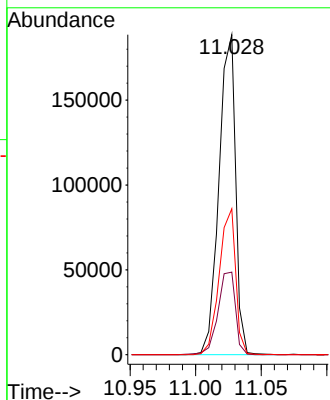
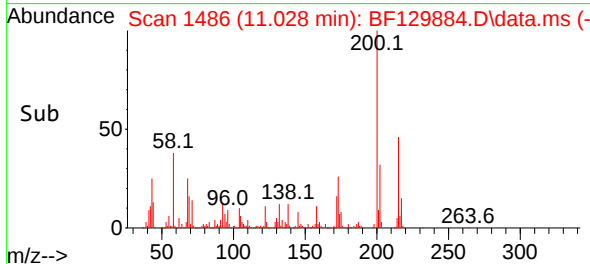
Instrument :
BNA_F
ClientSampleId :
S13MSD



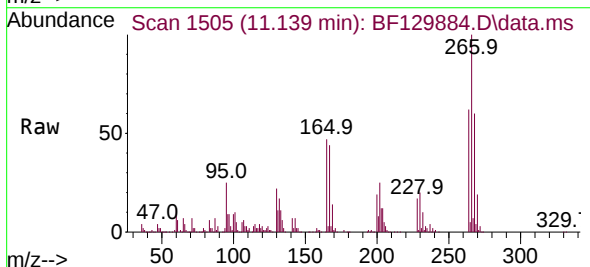
Tgt Ion:200 Resp: 167052
Ion Ratio Lower Upper
200 100
173 25.8 6.4 46.4
215 45.6 27.1 67.1

Manual Integrations
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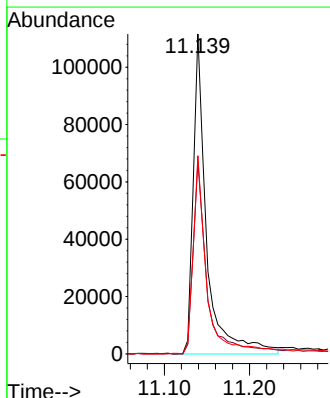
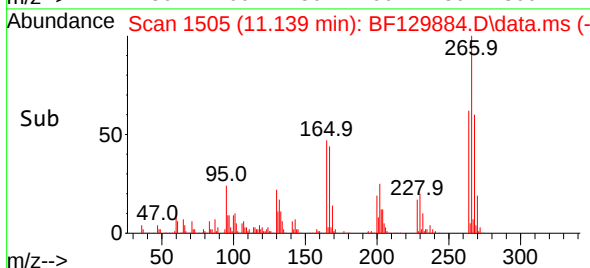
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

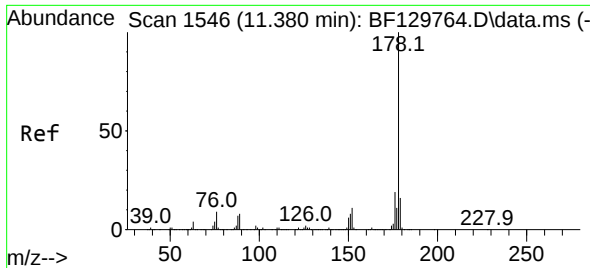


#70
Pentachlorophenol
Concen: 97.895 ng
RT: 11.139 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



Tgt Ion:266 Resp: 122291
Ion Ratio Lower Upper
266 100
268 60.1 49.0 73.4
264 61.9 47.9 71.9





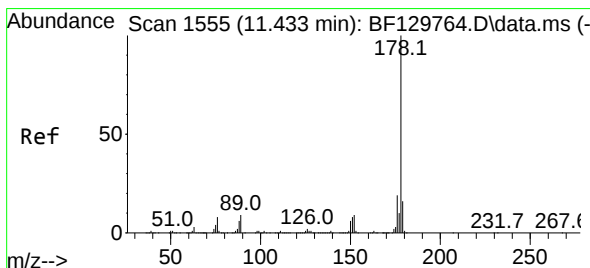
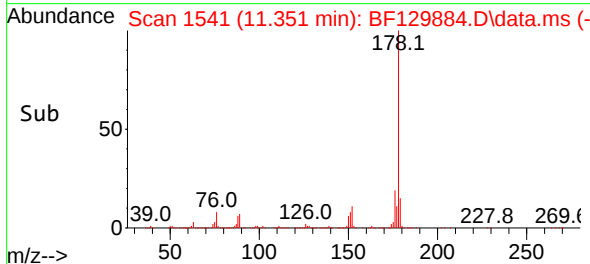
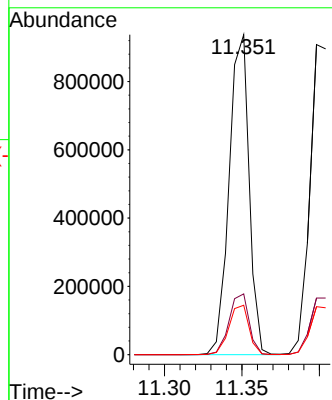
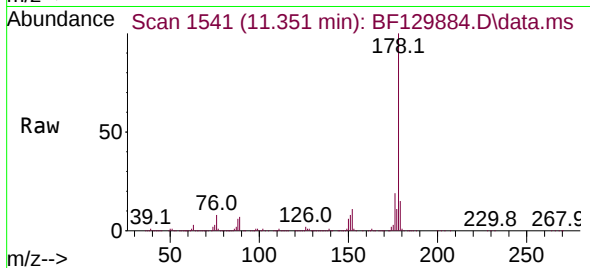
#71
Phenanthrene
Concen: 46.353 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Instrument :
BNA_F
ClientSampleId :
S13MSD

Tgt Ion:178 Resp: 839713
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.4 12.5 18.7

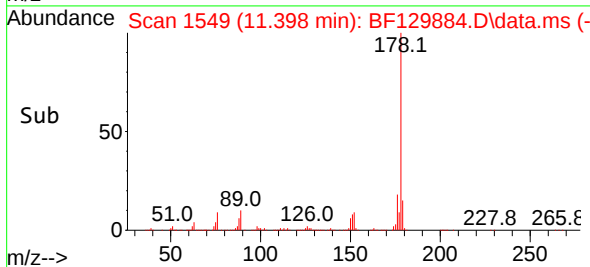
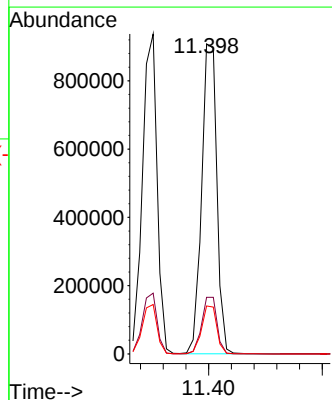
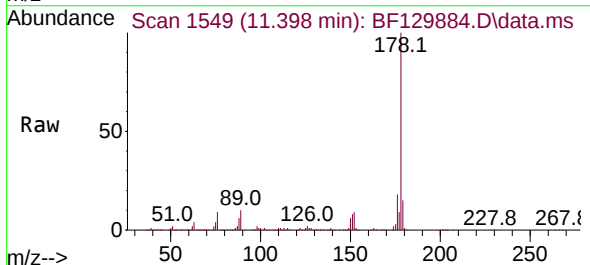
Manual Integrations
APPROVED

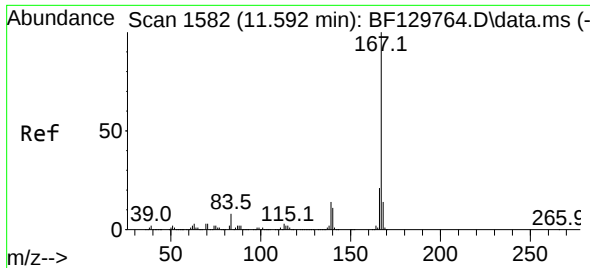
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#72
Anthracene
Concen: 46.893 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

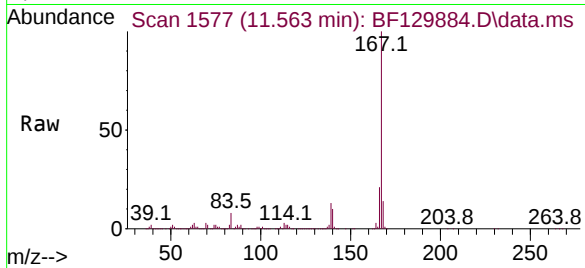
Tgt Ion:178 Resp: 844788
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.5 12.6 18.8





#73
Carbazole
Concen: 44.621 ng
RT: 11.563 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

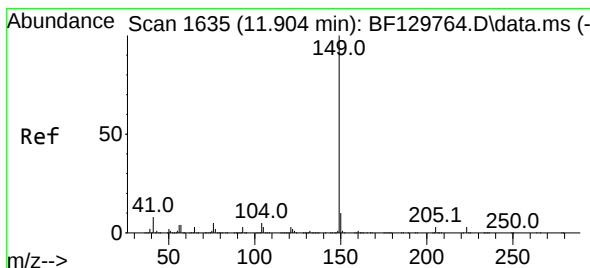
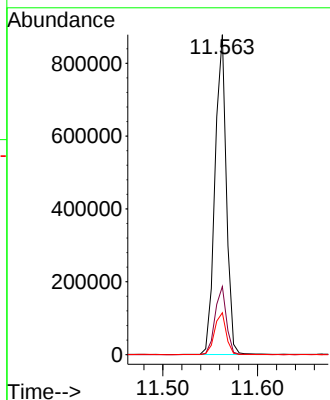
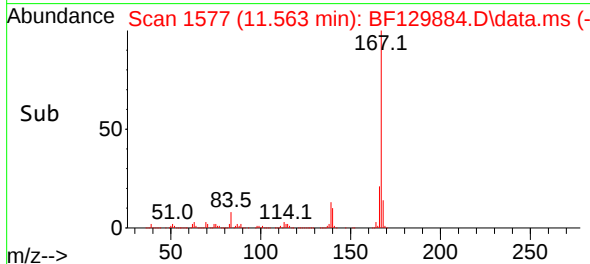
Instrument :
BNA_F
ClientSampleId :
S13MSD



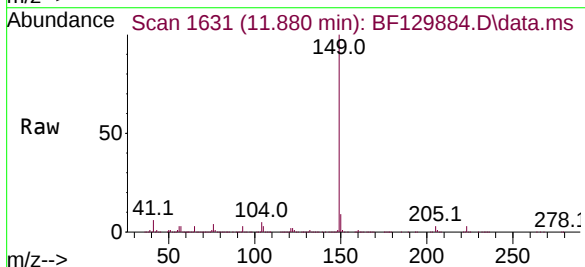
Tgt Ion:167 Resp: 729708
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 13.1 11.0 16.6

Manual Integrations
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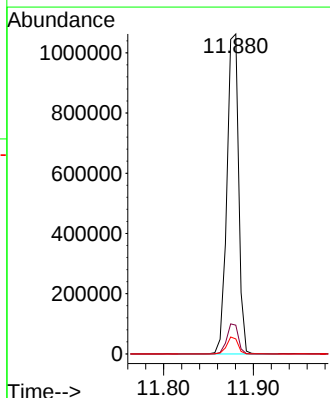
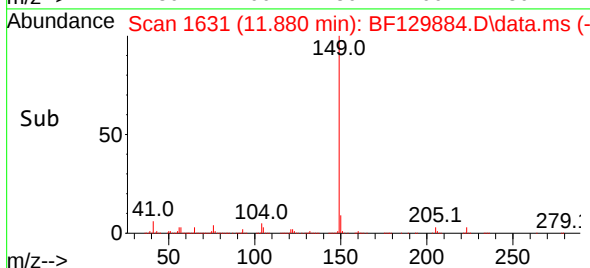
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

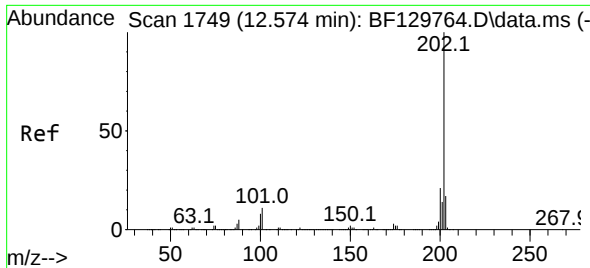


#74
Di-n-butylphthalate
Concen: 46.023 ng
RT: 11.880 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



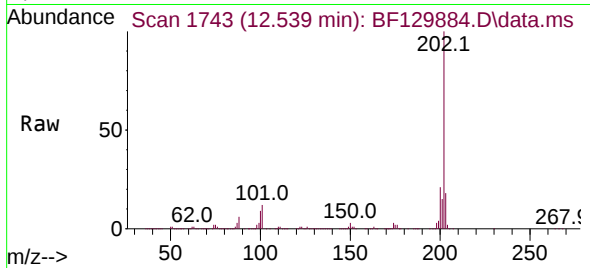
Tgt Ion:149 Resp: 968653
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.7 4.2 6.4





#75
Fluoranthene
Concen: 41.208 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

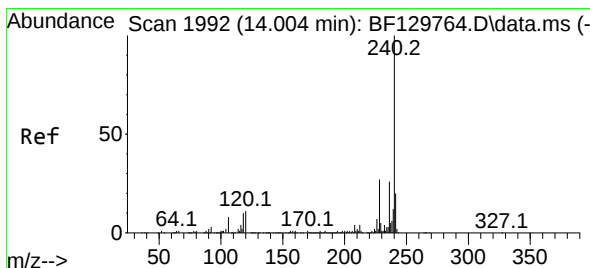
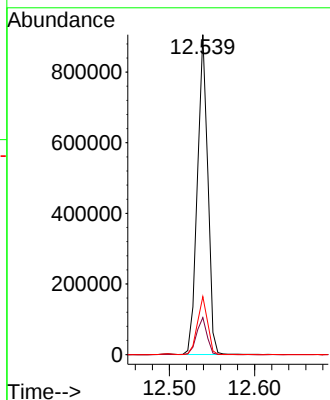
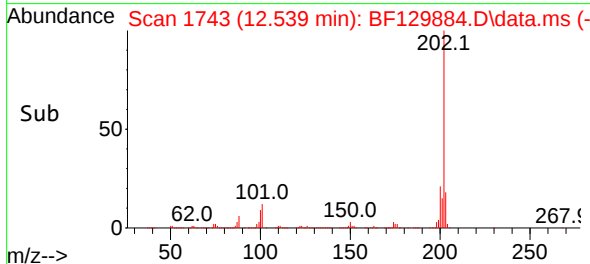
Instrument :
BNA_F
ClientSampleId :
S13MSD



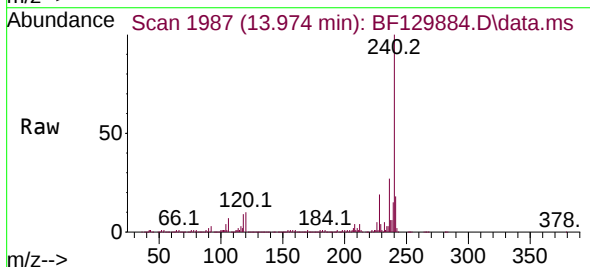
Tgt Ion:202 Resp: 763905
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 18.1 0.0 37.5

Manual Integrations
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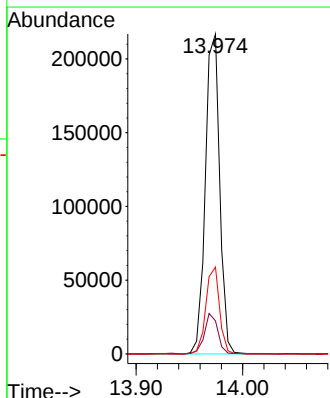
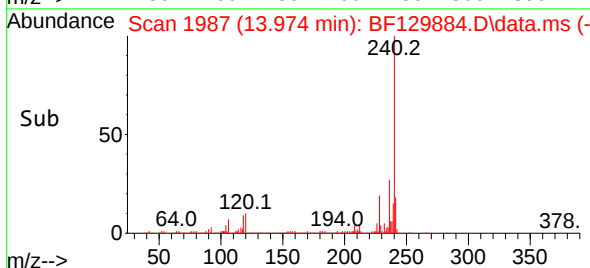
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

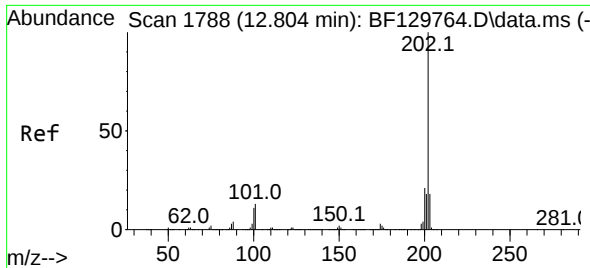


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



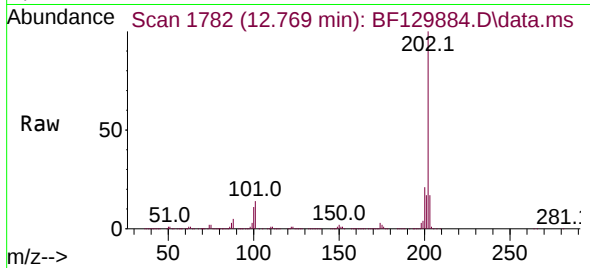
Tgt Ion:240 Resp: 202203
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 27.1 20.7 31.1





#78
Pyrene
Concen: 43.361 ng
RT: 12.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

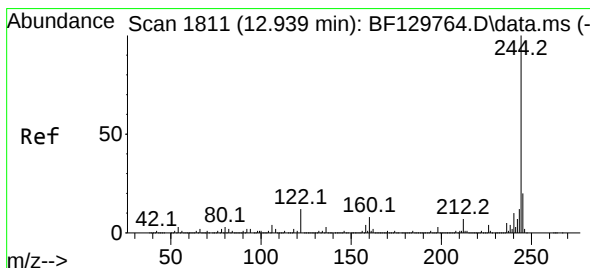
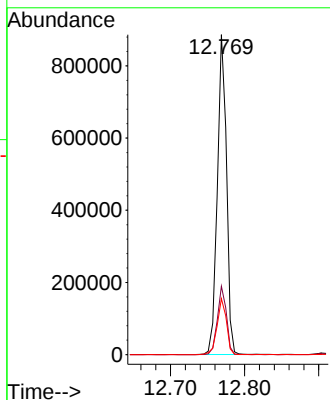
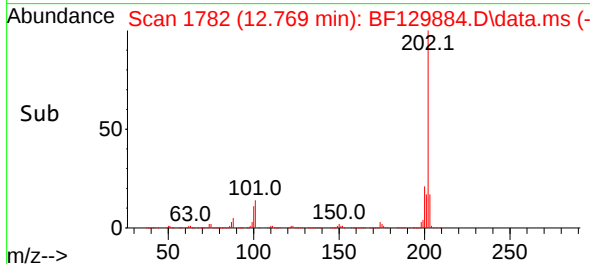
Instrument :
BNA_F
ClientSampleId :
S13MSD



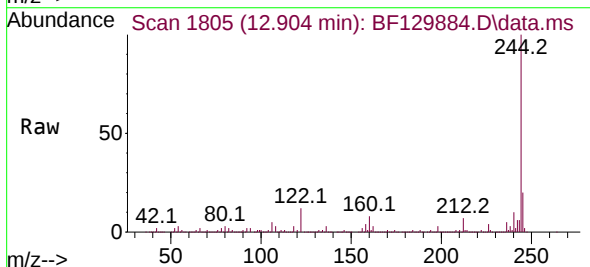
Tgt Ion:202 Resp: 761916
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.5 14.1 21.1

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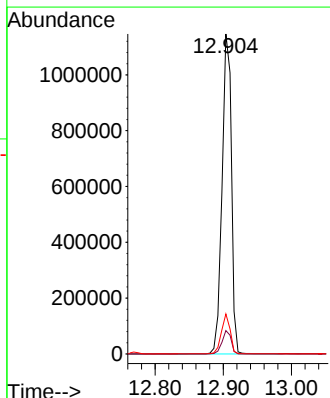
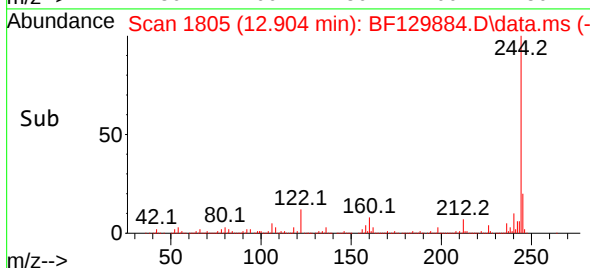
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

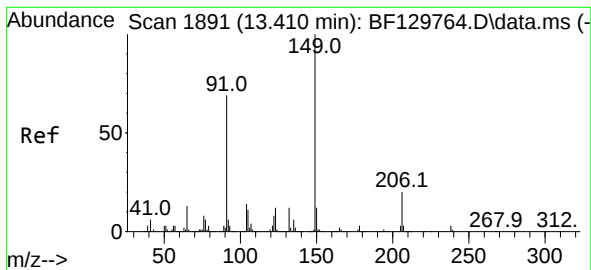


#79
Terphenyl-d14
Concen: 88.943 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



Tgt Ion:244 Resp: 1080838
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.5 9.9 14.9





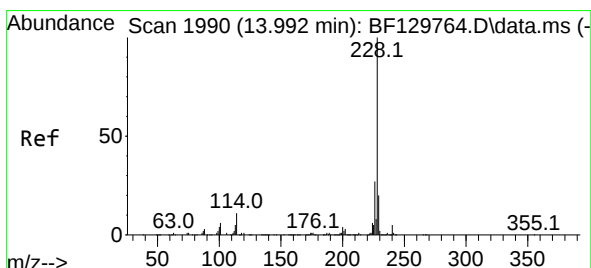
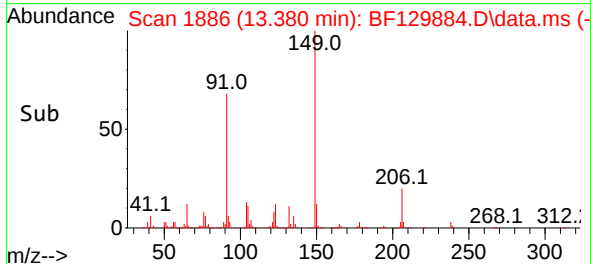
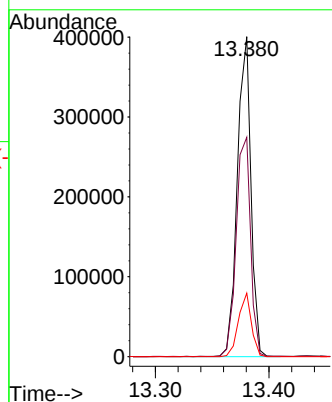
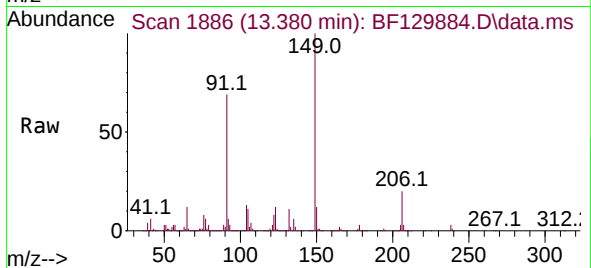
#80
Butylbenzylphthalate
Concen: 44.859 ng
RT: 13.380 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Instrument :
BNA_F
ClientSampleId :
S13MSD

Tgt Ion:149 Resp: 333534
Ion Ratio Lower Upper
149 100
91 68.5 55.4 83.0
206 19.8 15.8 23.6

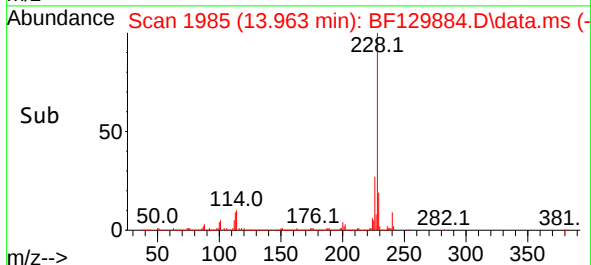
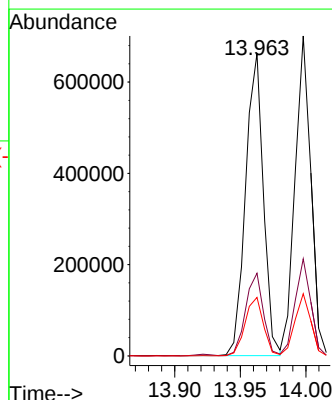
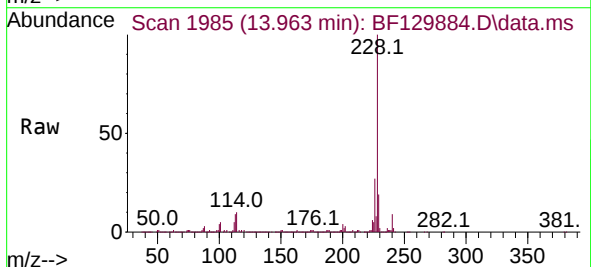
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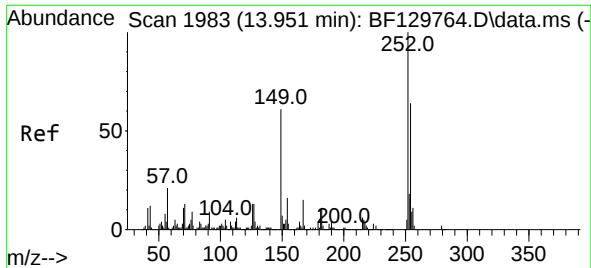
Reviewed By :Christian Giraldo 08/19/2022
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#81
Benzo(a)anthracene
Concen: 44.964 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

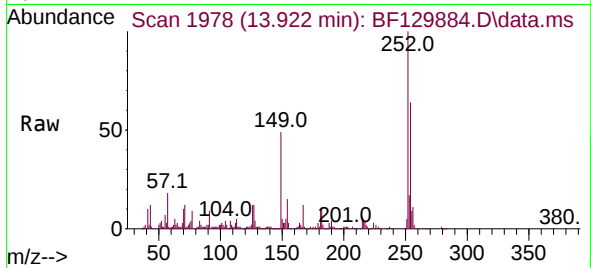
Tgt Ion:228 Resp: 625438
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.3 16.1 24.1





#82
3,3'-Dichlorobenzidine
Concen: 41.310 ng
RT: 13.922 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

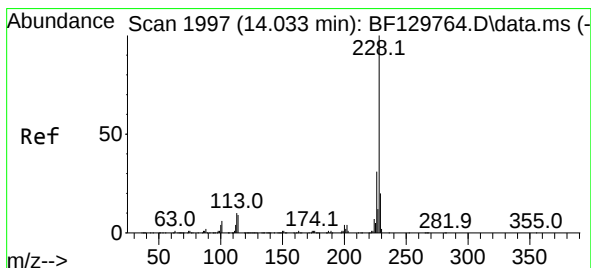
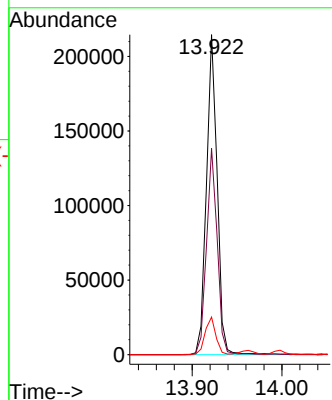
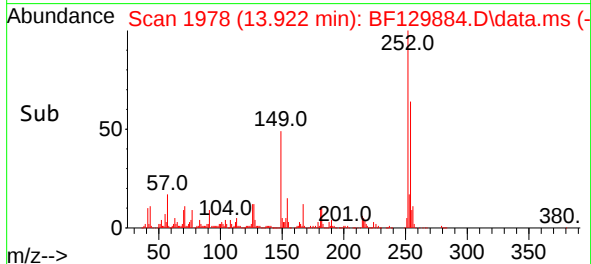
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion:252 Resp: 177959
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 11.7 10.2 15.4

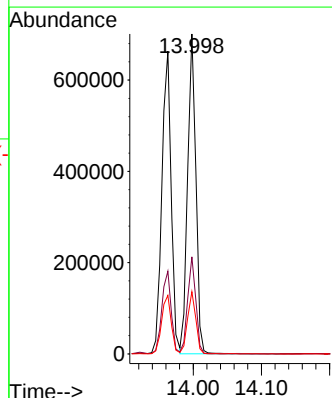
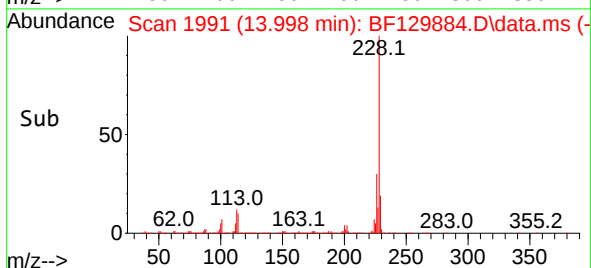
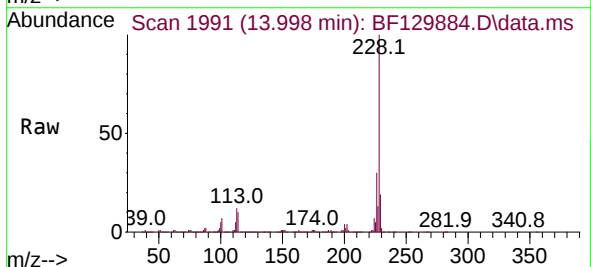
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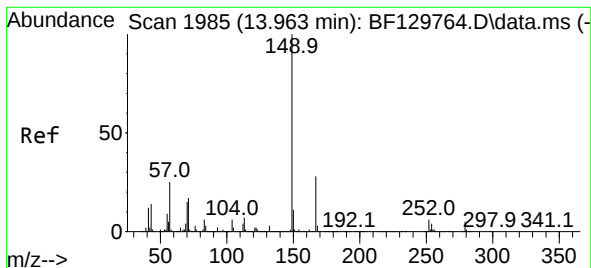
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#83
Chrysene
Concen: 45.523 ng
RT: 13.998 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

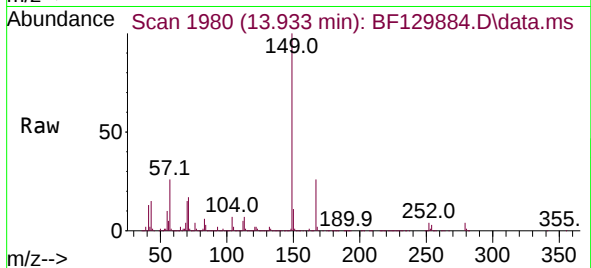
Tgt Ion:228 Resp: 592730
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.4 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 53.239 ng
RT: 13.933 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

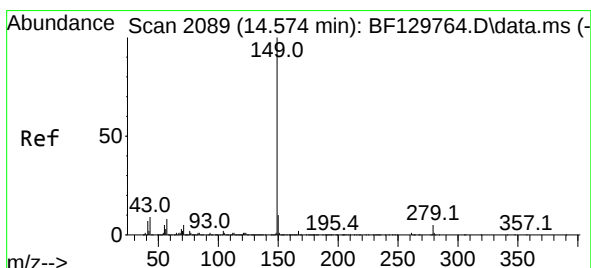
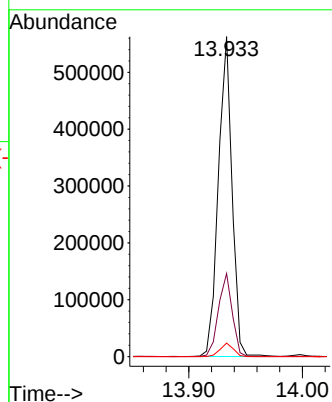
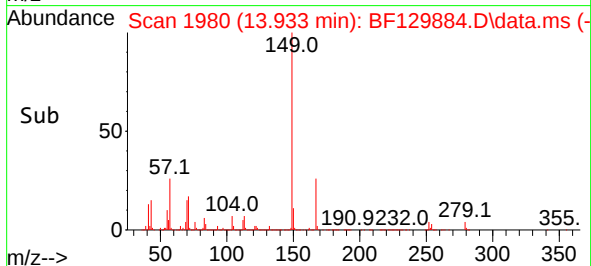
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion:149 Resp: 469624
Ion Ratio Lower Upper
149 100
167 26.0 22.0 33.0
279 4.2 3.6 5.4

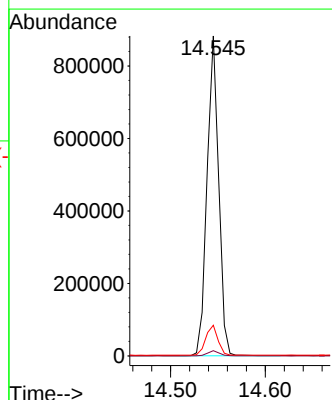
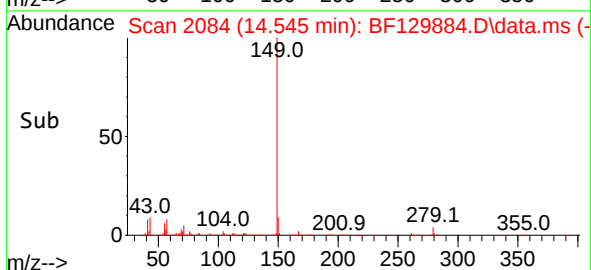
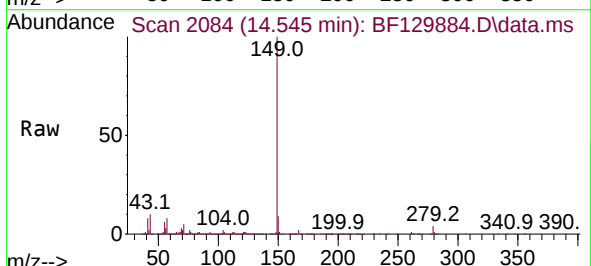
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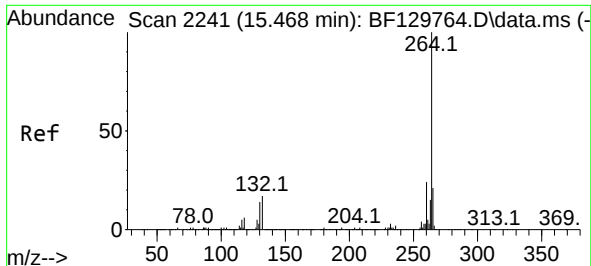
Reviewed By :Christian Giraldo 08/19/2022
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#85
Di-n-octyl phthalate
Concen: 61.880 ng
RT: 14.545 min Scan# 2084
Delta R.T. 0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

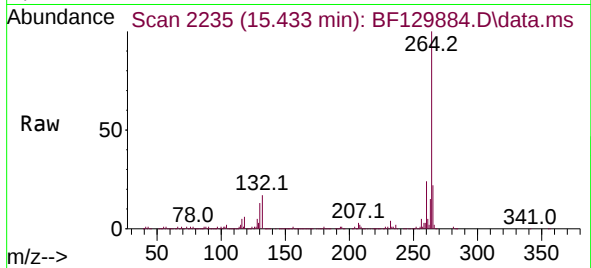
Tgt Ion:149 Resp: 753518
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

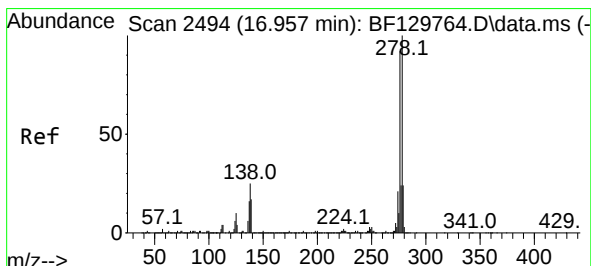
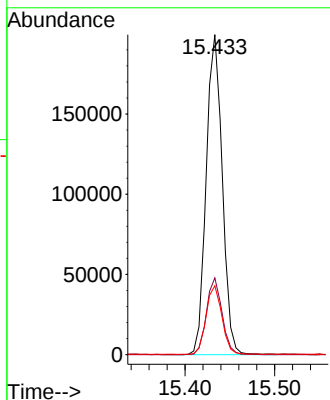
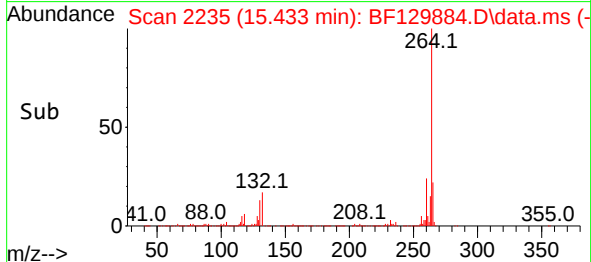
Instrument :
BNA_F
ClientSampleId :
S13MSD



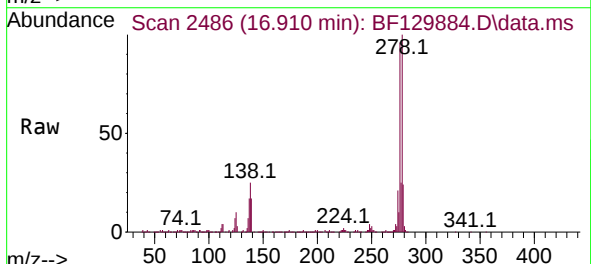
Tgt Ion:264 Resp: 248153
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.5 16.7 25.1

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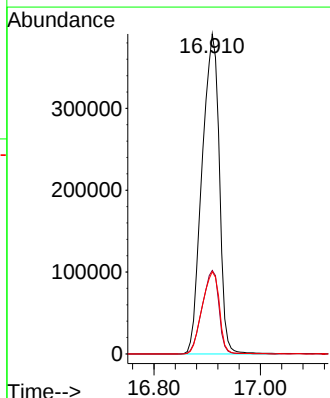
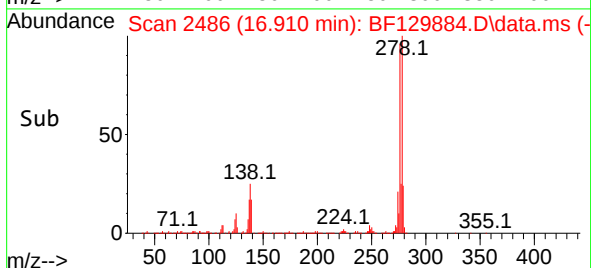
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

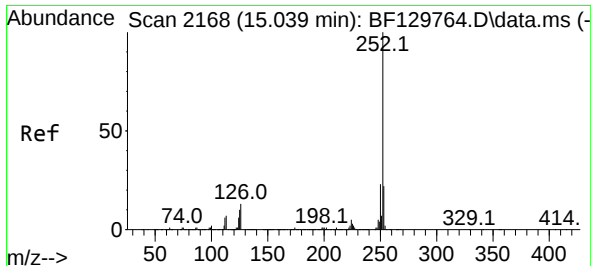


#87
Indeno(1,2,3-cd)pyrene
Concen: 51.579 ng
RT: 16.910 min Scan# 2486
Delta R.T. 0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43



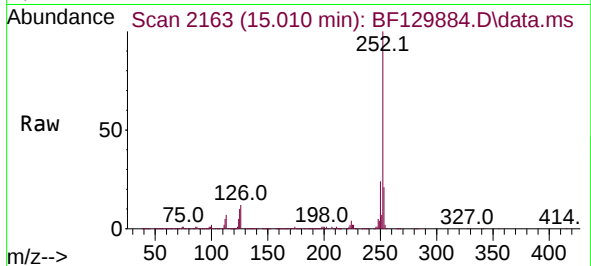
Tgt Ion:276 Resp: 878695
Ion Ratio Lower Upper
276 100
138 25.3 19.8 29.8
277 25.5 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 43.123 ng
RT: 15.010 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

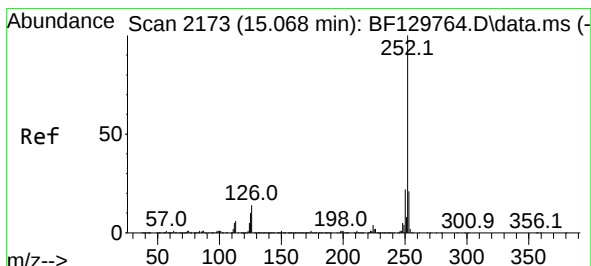
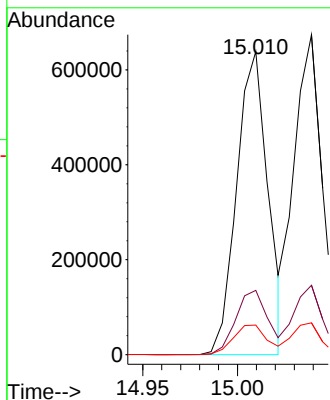
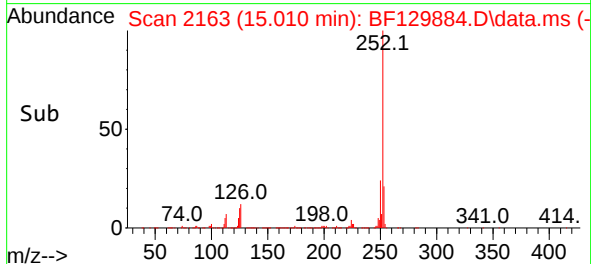
Instrument :
BNA_F
ClientSampleId :
S13MSD



Tgt Ion:252 Resp: 732759
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 9.8 8.3 12.5

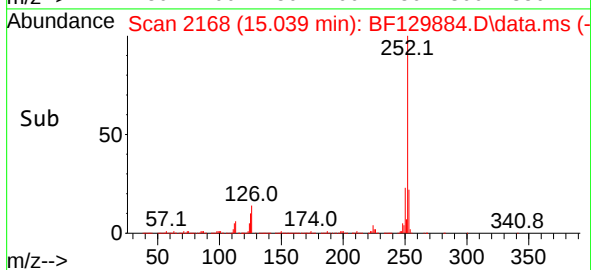
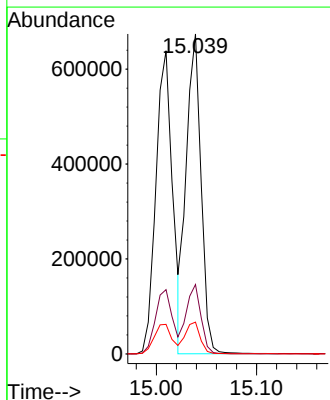
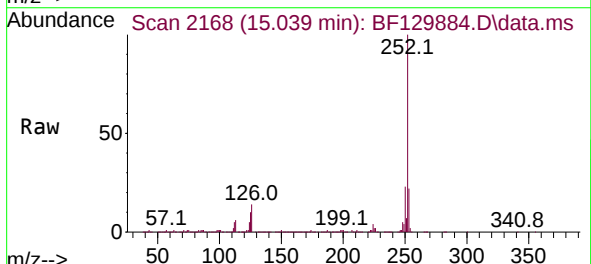
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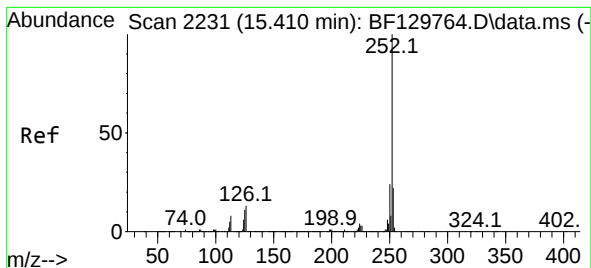
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#89
Benzo(k)fluoranthene
Concen: 42.688 ng
RT: 15.039 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BF129884.D
Acq: 18 Aug 2022 19:43

Tgt Ion:252 Resp: 695645
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.9 8.3 12.5





#90

Benzo(a)pyrene

Concen: 48.912 ng

RT: 15.374 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

Instrument :

BNA_F

ClientSampleId :

S13MSD

Tgt Ion:252 Resp: 65451

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

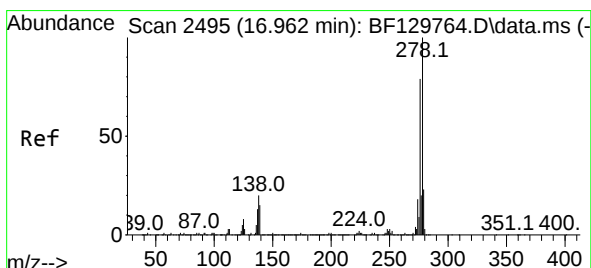
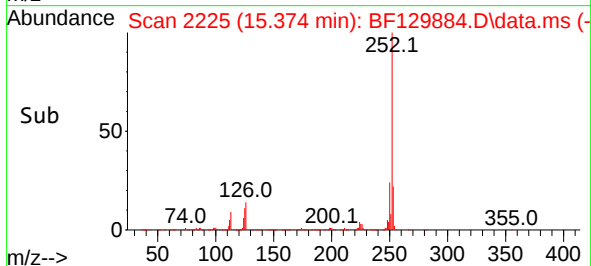
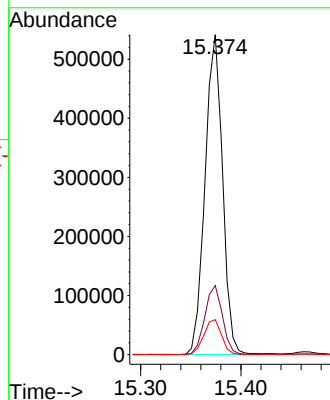
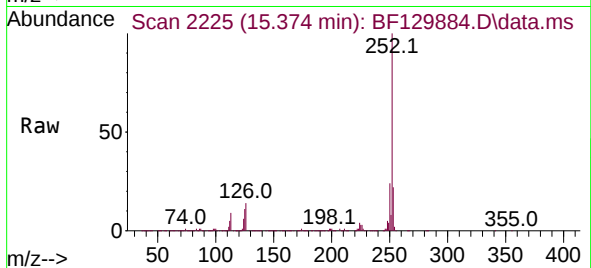
125 11.0 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#91

Dibenzo(a,h)anthracene

Concen: 54.291 ng

RT: 16.915 min Scan# 2487

Delta R.T. 0.012 min

Lab File: BF129884.D

Acq: 18 Aug 2022 19:43

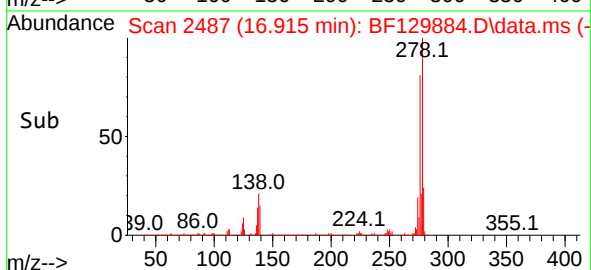
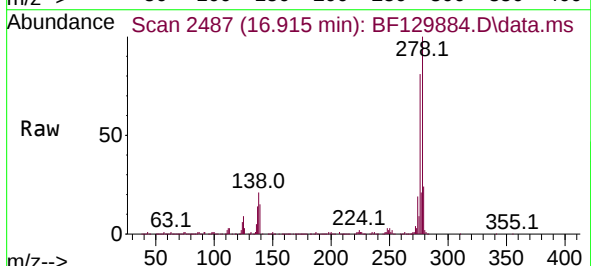
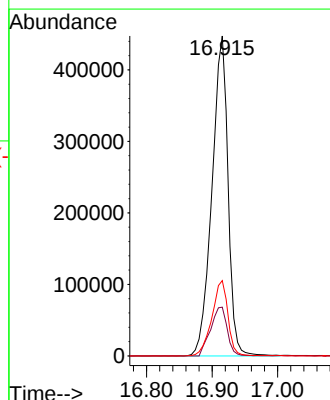
Tgt Ion:278 Resp: 763152

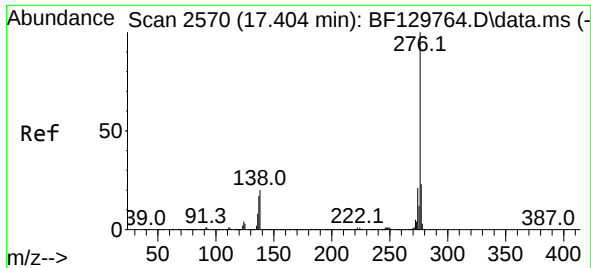
Ion Ratio Lower Upper

278 100

139 15.2 12.2 18.4

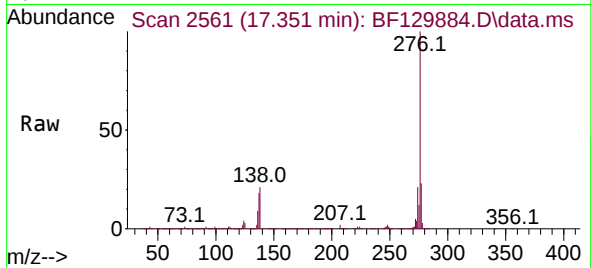
279 23.5 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 54.627 ng
 RT: 17.351 min Scan# 2561
 Delta R.T. 0.006 min
 Lab File: BF129884.D
 Acq: 18 Aug 2022 19:43

Instrument :
 BNA_F
 ClientSampleId :
 S13MSD



Tgt Ion: 276 Resp: 76607
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.2 27.4
 138 21.4 15.8 23.8

Manual Integrations
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Reviewed By : Christian Giraldo 08/19/2022
 Supervised By : Jagrut Upadhyay 08/19/2022

