

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131848.D
 Acq On : 27 Dec 2022 21:05
 Operator : CG\JU
 Sample : N6208-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 00:41:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	77949	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	274316	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	142743	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	228356	20.000	ng	0.00
76) Chrysene-d12	14.033	240	146879	20.000	ng	0.00
86) Perylene-d12	15.515	264	137893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	570754	121.344	ng	0.02
7) Phenol-d6	6.475	99	746489	120.798	ng	0.00
23) Nitrobenzene-d5	7.410	82	518356	75.445	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	169930	109.568	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	835818	80.203	ng	0.00
79) Terphenyl-d14	12.974	244	652679	75.165	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	84390	38.690	ng	99
3) Pyridine	3.369	79	233664	38.106	ng	98
4) n-Nitrosodimethylamine	3.340	42	122357	42.438	ng	97
6) Aniline	6.498	93	131836	17.591	ng	98
8) 2-Chlorophenol	6.622	128	217048	43.799	ng	99
9) Benzaldehyde	6.386	77	155101	39.116	ng	98
10) Phenol	6.487	94	303557	41.249	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	230976	43.891	ng	99
12) 1,3-Dichlorobenzene	6.775	146	238704	42.151	ng	100
13) 1,4-Dichlorobenzene	6.851	146	244119	42.774	ng	96
14) 1,2-Dichlorobenzene	7.004	146	231430	43.156	ng	98
15) Benzyl Alcohol	6.981	79	235009	43.367	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	295295	43.971	ng	94
17) 2-Methylphenol	7.098	107	193977	42.817	ng	98
18) Hexachloroethane	7.345	117	97975	42.513	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	187857	43.043	ng	98
20) 3+4-Methylphenols	7.251	107	248155	41.981	ng	97
22) Acetophenone	7.251	105	355621	44.220	ng	97
24) Nitrobenzene	7.428	77	289212	42.002	ng	99
25) Isophorone	7.663	82	511505	45.587	ng	99
26) 2-Nitrophenol	7.745	139	116020	43.337	ng	98
27) 2,4-Dimethylphenol	7.781	122	192910	50.516	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	289173	48.039	ng	99
29) 2,4-Dichlorophenol	7.986	162	194098	42.188	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	228008	41.799	ng	99
31) Naphthalene	8.151	128	610528	40.640	ng	100
32) Benzoic acid	7.916	122	118168	42.336	ng	98
33) 4-Chloroaniline	8.198	127	37020	6.422	ng	95
34) Hexachlorobutadiene	8.263	225	151746	40.661	ng	99
35) Caprolactam	8.586	113	54430m	39.958	ng	
36) 4-Chloro-3-methylphenol	8.692	107	217501	41.829	ng	99
37) 2-Methylnaphthalene	8.845	142	411952	40.858	ng	99
38) 1-Methylnaphthalene	8.945	142	375598	38.351	ng	97
40) 1,2,4,5-Tetrachloroben...	9.010	216	235470	46.981	ng	99
41) Hexachlorocyclopentadiene	8.992	237	132845	60.763	ng	100
43) 2,4,6-Trichlorophenol	9.127	196	143472	44.694	ng	98

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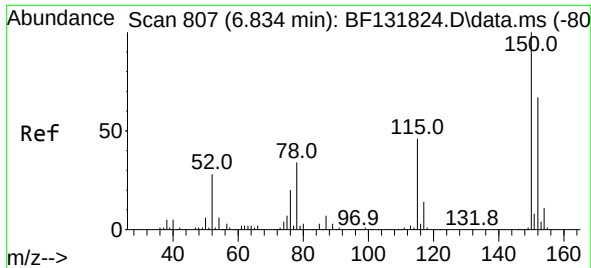
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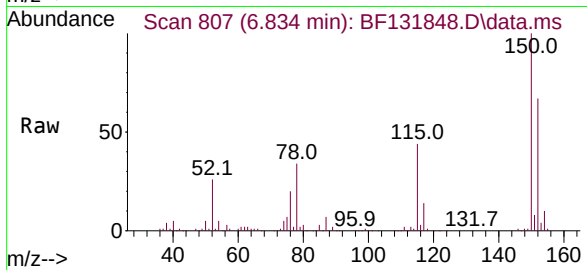
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	149800	43.170	ng	94
46) 1,1'-Biphenyl	9.310	154	511148	46.772	ng	99
47) 2-Chloronaphthalene	9.333	162	400366	44.282	ng	97
48) 2-Nitroaniline	9.439	65	139544	42.108	ng	97
49) Acenaphthylene	9.751	152	576899	42.852	ng	99
50) Dimethylphthalate	9.616	163	481929	44.627	ng	100
51) 2,6-Dinitrotoluene	9.680	165	100847	43.139	ng	97
52) Acenaphthene	9.927	154	344861	42.444	ng	98
53) 3-Nitroaniline	9.845	138	43964	18.457	ng	95
54) 2,4-Dinitrophenol	9.957	184	66338	49.311	ng	97
55) Dibenzofuran	10.098	168	523758	41.840	ng	99
56) 4-Nitrophenol	10.022	139	121842	73.020	ng	96
57) 2,4-Dinitrotoluene	10.086	165	126448	39.552	ng	94
58) Fluorene	10.439	166	402424	39.378	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	111007m	38.983	ng	
60) Diethylphthalate	10.316	149	449934	43.289	ng	99
61) 4-Chlorophenyl-phenylether	10.433	204	229397	43.179	ng	97
62) 4-Nitroaniline	10.469	138	77957	31.403	ng	95
63) Azobenzene	10.592	77	536678	46.526	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	49918	32.106	ng	80
66) n-Nitrosodiphenylamine	10.557	169	346673	49.768	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	128390	48.510	ng	99
68) Hexachlorobenzene	10.986	284	129597	44.575	ng	96
69) Atrazine	11.086	200	122455	53.398	ng	99
70) Pentachlorophenol	11.186	266	127603	88.696	ng	98
71) Phenanthrene	11.410	178	506916	40.367	ng	99
72) Anthracene	11.463	178	521975	42.491	ng	100
73) Carbazole	11.616	167	425808	39.264	ng	98
74) Di-n-butylphthalate	11.945	149	576175	43.955	ng	100
75) Fluoranthene	12.604	202	486866	33.285	ng	98
77) Benzidine	12.733	184	210404	87.169	ng	100
78) Pyrene	12.833	202	494633	40.179	ng	98
80) Butylbenzylphthalate	13.451	149	200169	43.837	ng	97
81) Benzo(a)anthracene	14.027	228	452472	42.548	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	84751	27.573	ng	99
83) Chrysene	14.062	228	416547	41.683	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	267522	48.117	ng	99
85) Di-n-octyl phthalate	14.627	149	462136	61.746	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	330899	37.772	ng	100
88) Benzo(b)fluoranthene	15.086	252	410989	40.648	ng	100
89) Benzo(k)fluoranthene	15.115	252	402447	41.195	ng	100
90) Benzo(a)pyrene	15.457	252	338003	43.179	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	279107	38.895	ng	98
92) Benzo(g,h,i)perylene	17.468	276	251861	31.678	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF131848.D
 Acq: 27 Dec 2022 21:05

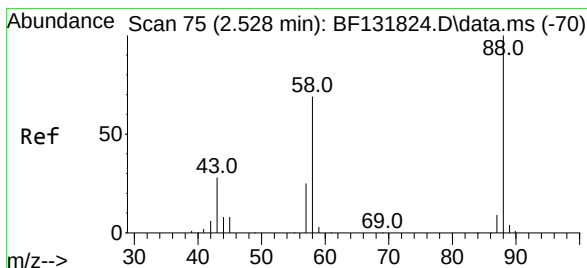
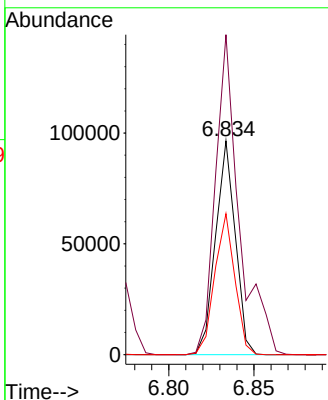
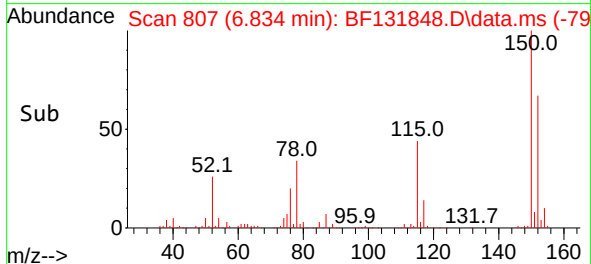
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MSD



Tgt Ion:152 Resp: 77949
 Ion Ratio Lower Upper
 152 100
 150 149.7 120.0 180.0
 115 65.9 55.1 82.7

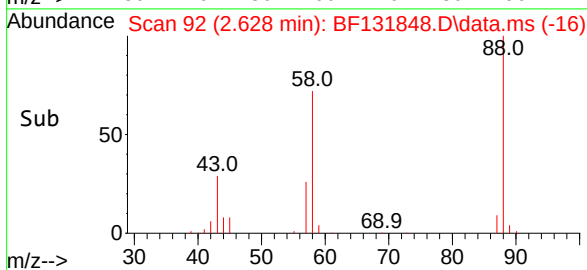
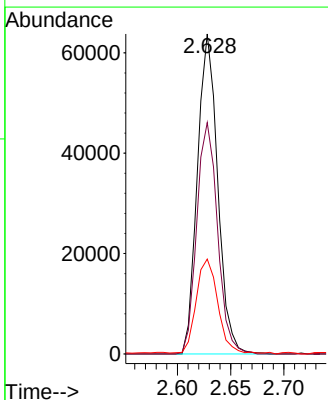
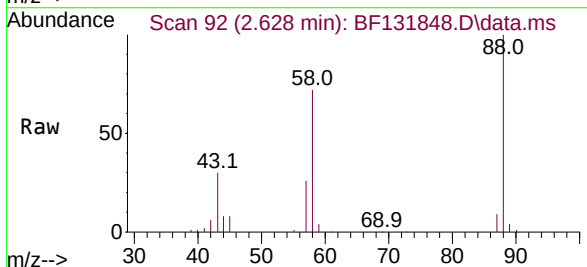
Manual Integrations
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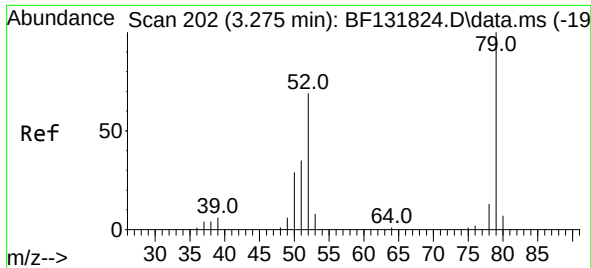
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022



#2
 1,4-Dioxane
 Concen: 38.690 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.100 min
 Lab File: BF131848.D
 Acq: 27 Dec 2022 21:05

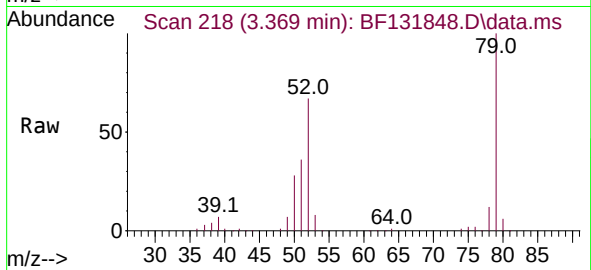
Tgt Ion: 88 Resp: 84390
 Ion Ratio Lower Upper
 88 100
 58 73.9 58.2 87.2
 43 30.9 24.2 36.4





#3
Pyridine
Concen: 38.106 ng
RT: 3.369 min Scan# 211
Delta R.T. 0.094 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

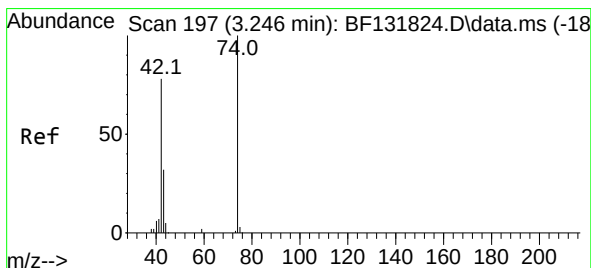
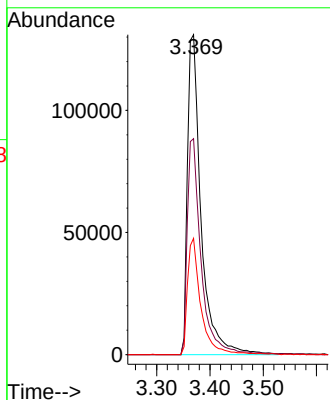
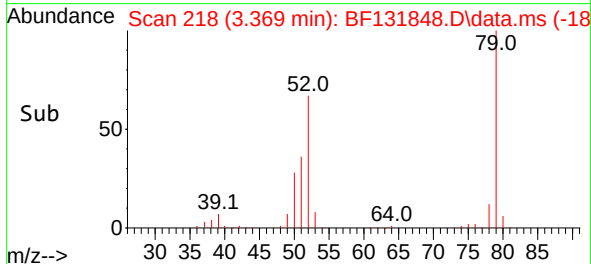
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion: 79 Resp: 233664
Ion Ratio Lower Upper
79 100
52 67.5 55.4 83.2
51 36.3 27.8 41.8

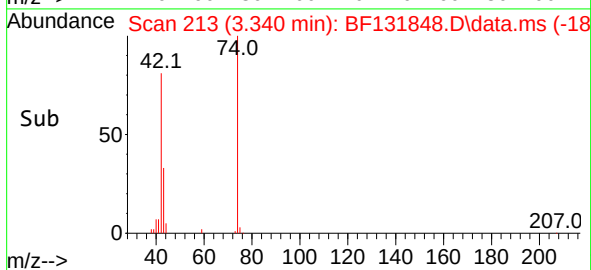
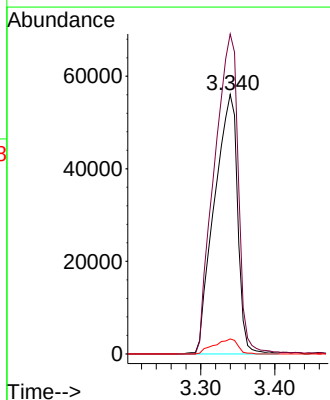
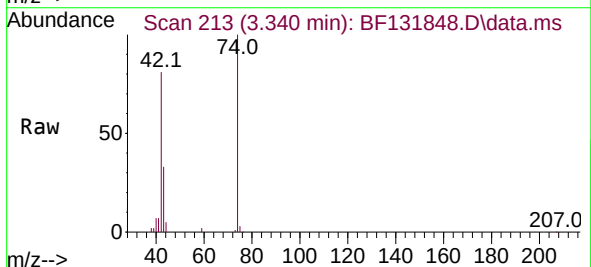
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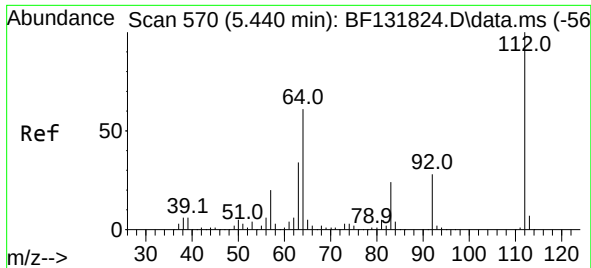
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#4
n-Nitrosodimethylamine
Concen: 42.438 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.094 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

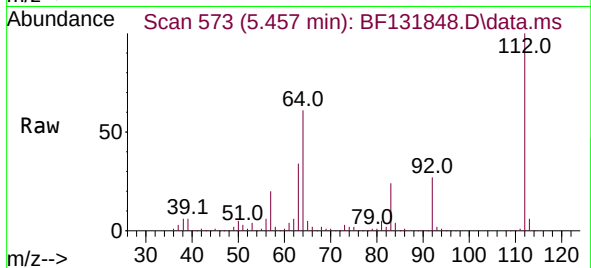
Tgt Ion: 42 Resp: 122357
Ion Ratio Lower Upper
42 100
74 123.3 102.0 153.0
44 5.8 4.6 7.0





#5
2-Fluorophenol
Concen: 121.344 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

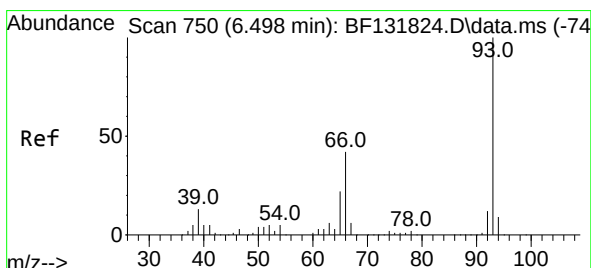
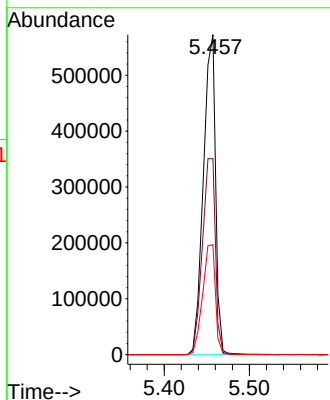
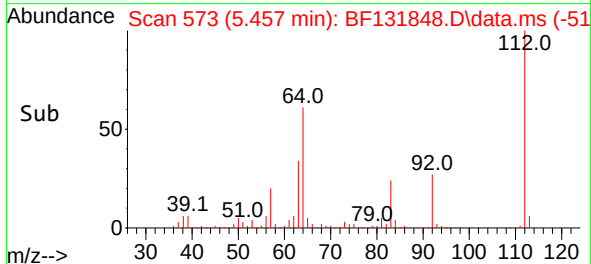
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Tgt Ion:112 Resp: 570754
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 34.3 27.5 41.3

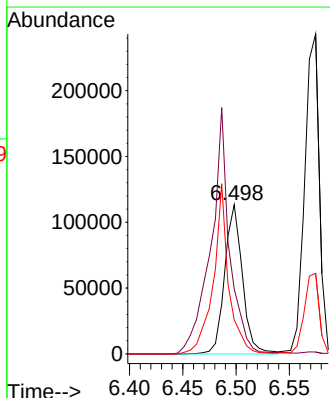
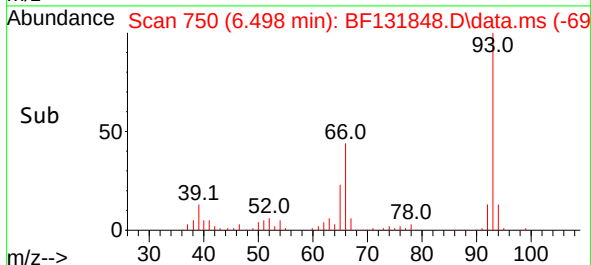
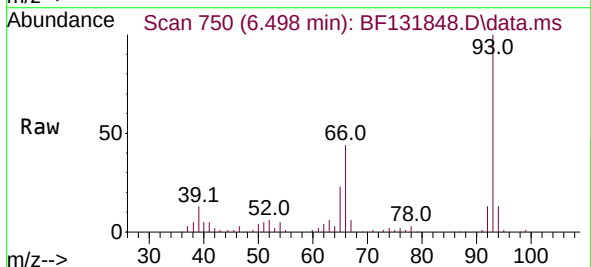
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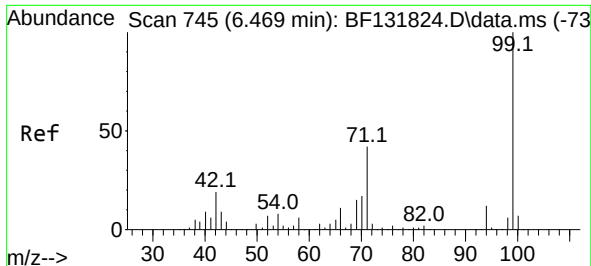
Reviewed By :Christian Giraldo 12/28/2022
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#6
Aniline
Concen: 17.591 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Tgt Ion: 93 Resp: 131836
Ion Ratio Lower Upper
93 100
66 43.5 33.9 50.9
65 23.0 17.4 26.0





#7

Phenol-d6

Concen: 120.798 ng

RT: 6.475 min Scan# 745

Delta R.T. 0.006 min

Lab File: BF131848.D

Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

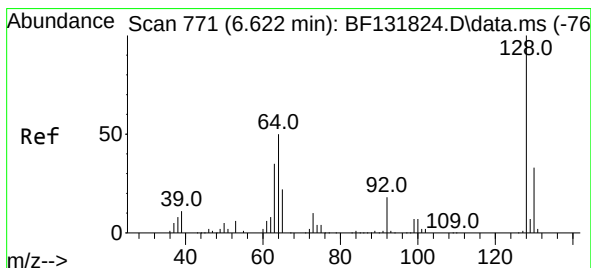
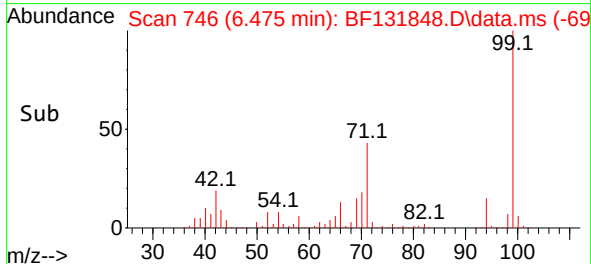
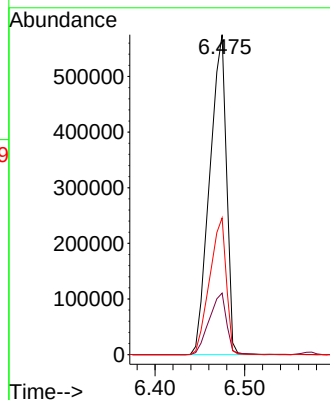
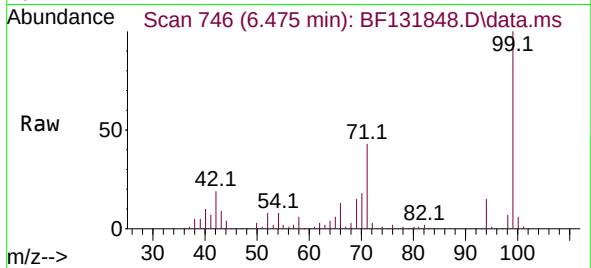
HD-01-122322MSD

Tgt Ion:	99	Resp:	746489
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.3	22.9
71	42.7	33.5	50.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 43.799 ng

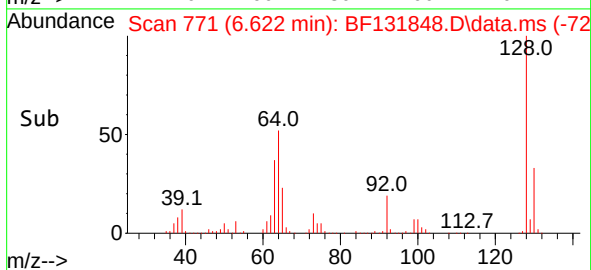
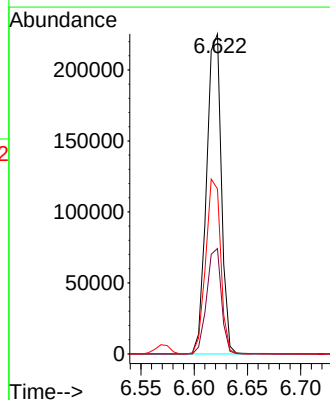
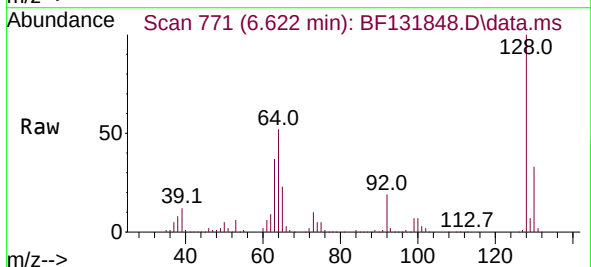
RT: 6.622 min Scan# 771

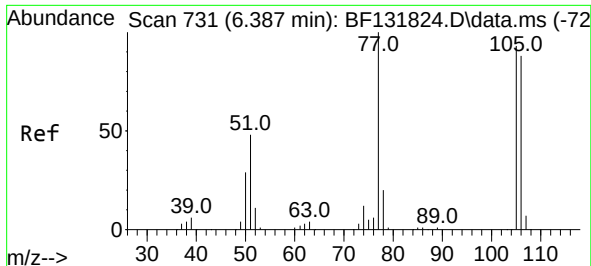
Delta R.T. -0.000 min

Lab File: BF131848.D

Acq: 27 Dec 2022 21:05

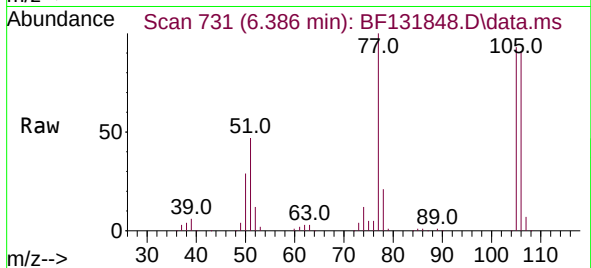
Tgt Ion:	128	Resp:	217048
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	51.5	30.7	70.7





#9
Benzaldehyde
Concen: 39.116 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

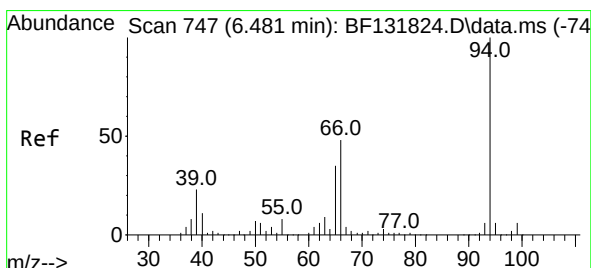
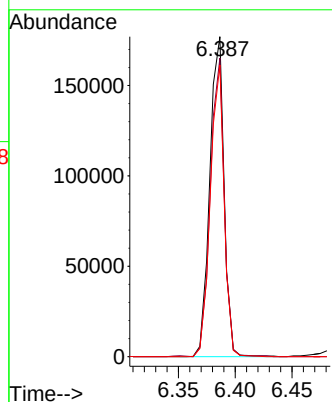
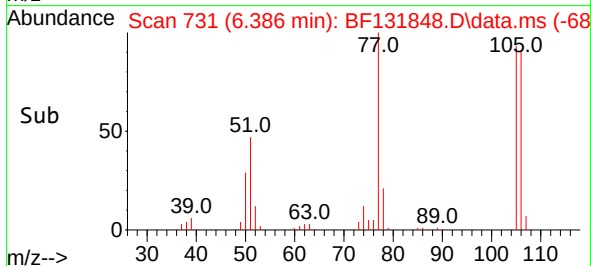
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



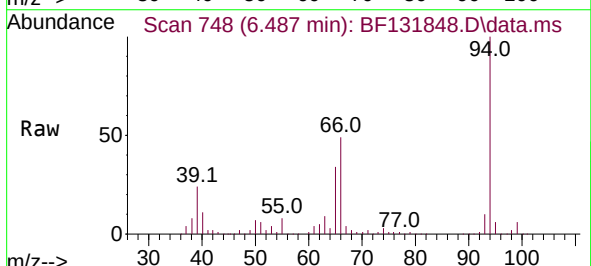
Tgt Ion: 77 Resp: 155101
Ion Ratio Lower Upper
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105 93.4 72.9 112.9
106 91.1 68.5 108.5

Manual Integrations
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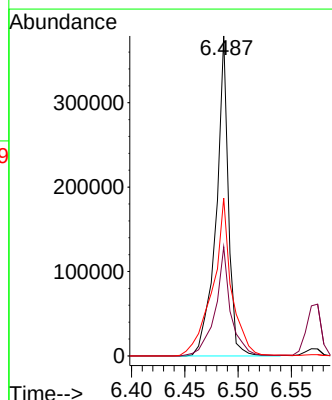
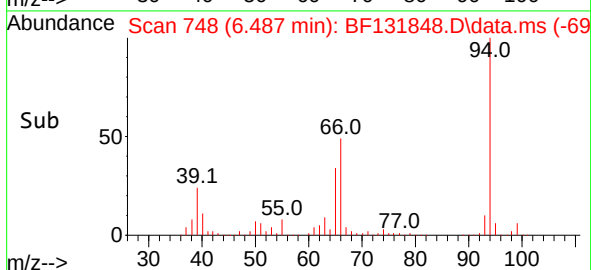
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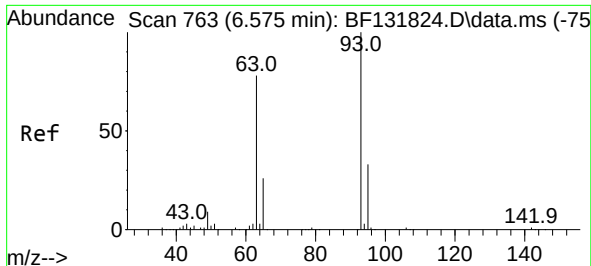


#10
Phenol
Concen: 41.249 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



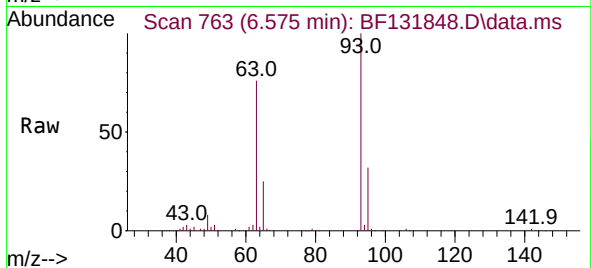
Tgt Ion: 94 Resp: 303557
Ion Ratio Lower Upper
94 100
65 34.1 14.6 54.6
66 49.4 28.2 68.2





#11
bis(2-Chloroethyl)ether
Concen: 43.891 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

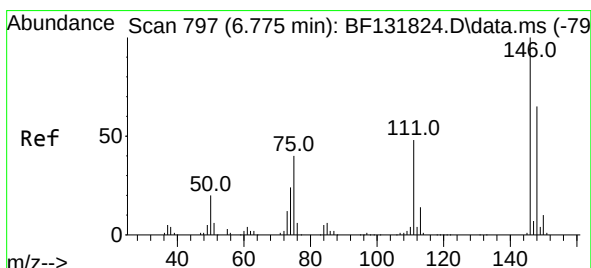
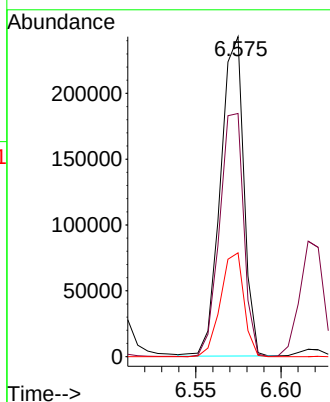
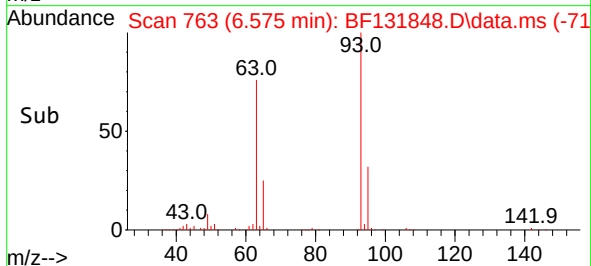
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion: 93 Resp: 230976
Ion Ratio Lower Upper
93 100
63 76.0 57.6 97.6
95 32.4 12.7 52.7

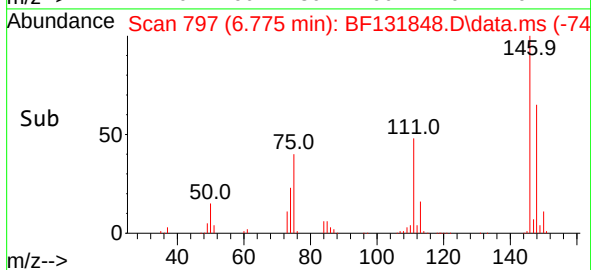
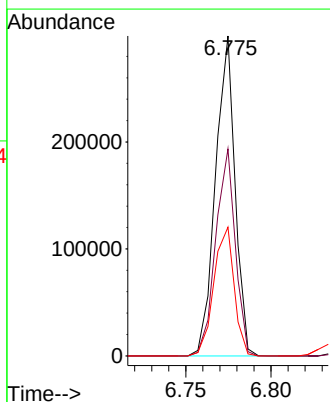
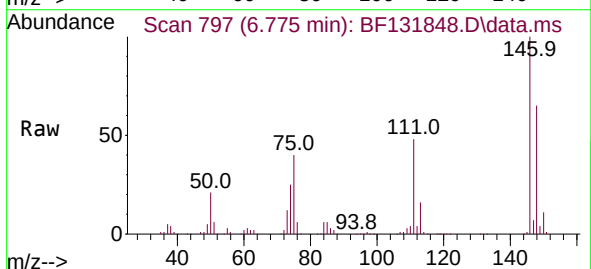
Manual Integrations
APPROVED

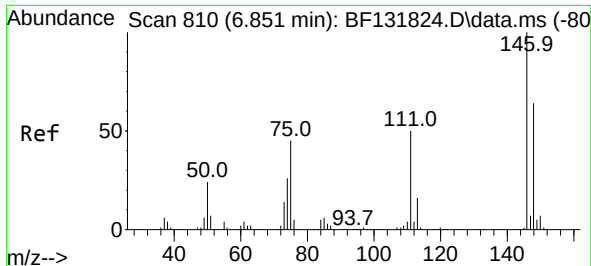
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#12
1,3-Dichlorobenzene
Concen: 42.151 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

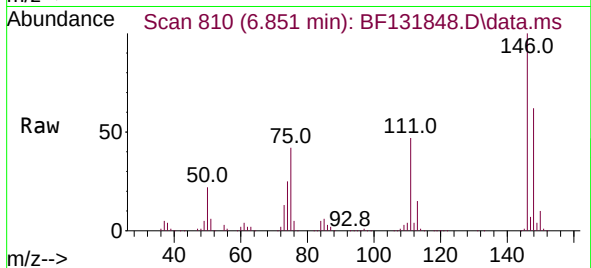
Tgt Ion:146 Resp: 238704
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 40.2 32.2 48.4





#13
1,4-Dichlorobenzene
Concen: 42.774 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

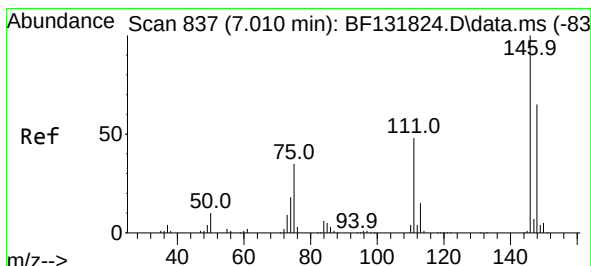
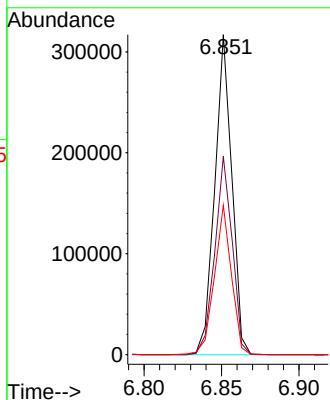
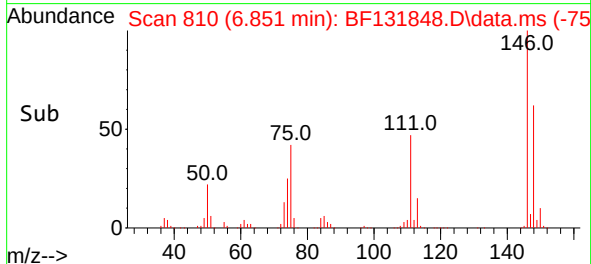
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



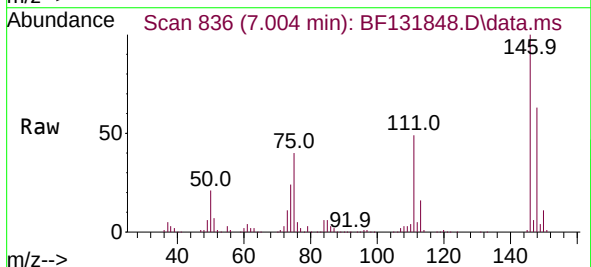
Tgt Ion:146 Resp: 244119
Ion Ratio Lower Upper
146 100
148 62.0 51.3 76.9
111 46.7 40.1 60.1

Manual Integrations
APPROVED

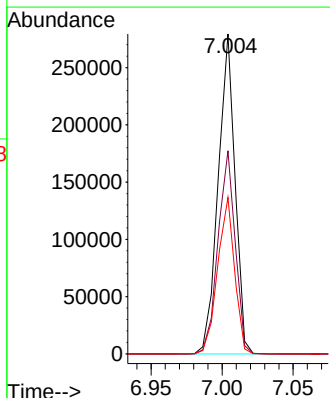
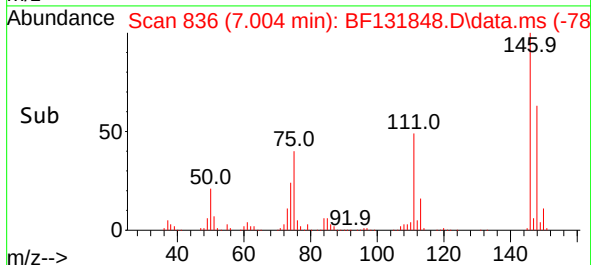
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

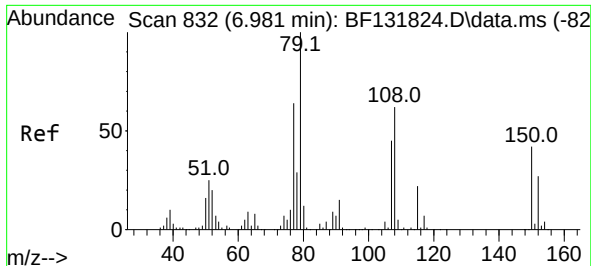


#14
1,2-Dichlorobenzene
Concen: 43.156 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



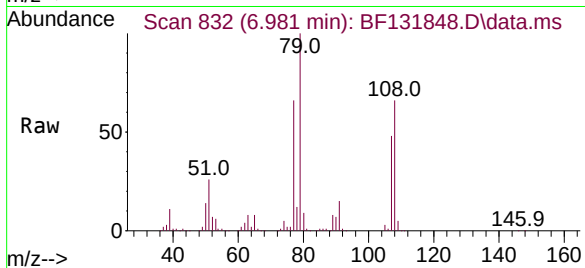
Tgt Ion:146 Resp: 231430
Ion Ratio Lower Upper
146 100
148 63.5 52.2 78.4
111 48.9 38.2 57.4





#15
Benzyl Alcohol
Concen: 43.367 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

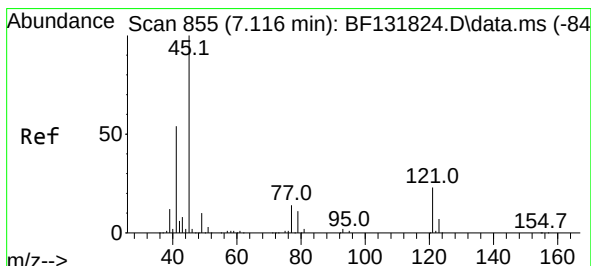
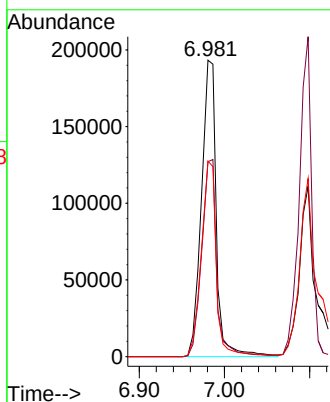
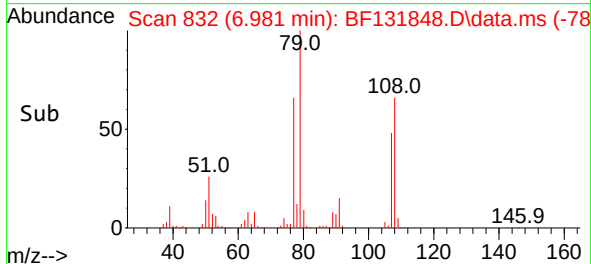
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion: 79 Resp: 235009
Ion Ratio Lower Upper
79 100
108 65.8 49.8 74.8
77 65.9 51.4 77.0

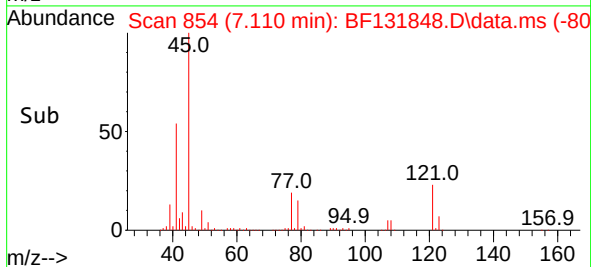
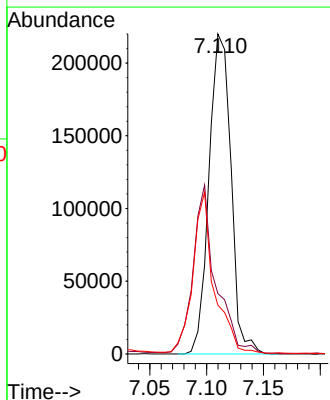
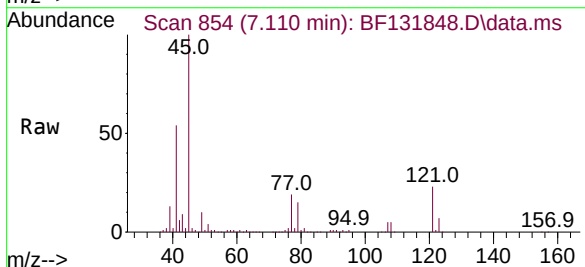
Manual Integrations
APPROVED

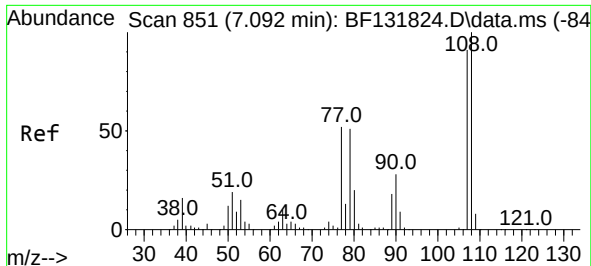
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.971 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

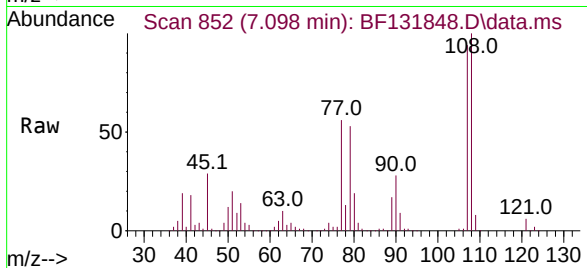
Tgt Ion: 45 Resp: 295295
Ion Ratio Lower Upper
45 100
77 18.8 0.0 36.1
79 15.2 0.0 33.3





#17
2-Methylphenol
Concen: 42.817 ng
RT: 7.098 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

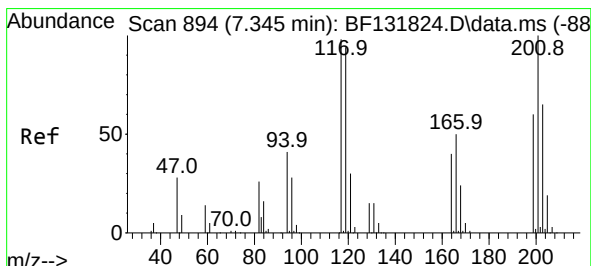
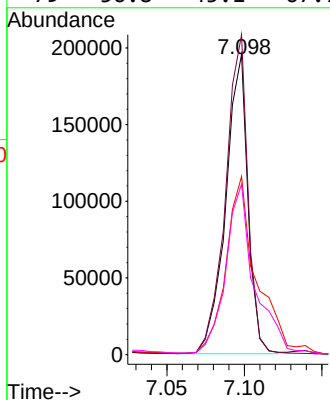
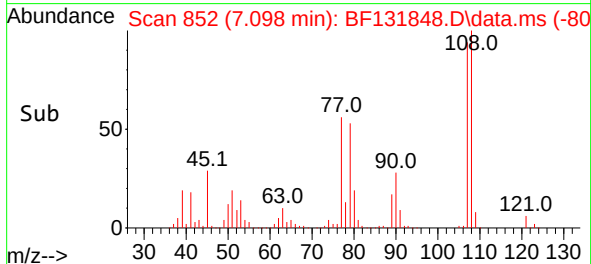
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion:107 Resp: 193972
Ion Ratio Lower Upper
107 100
108 106.6 87.6 131.4
77 59.3 45.8 68.8
79 56.8 45.1 67.7

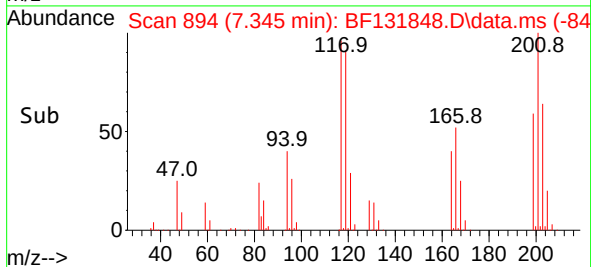
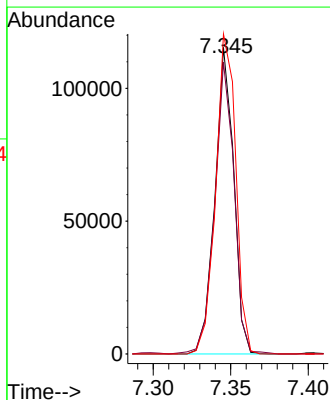
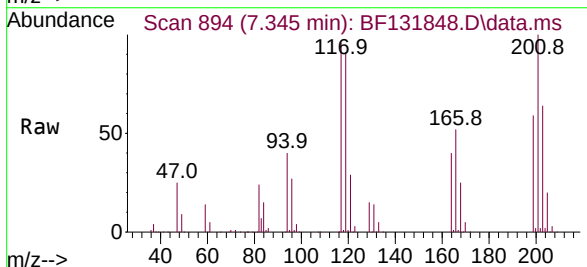
Manual Integrations
APPROVED

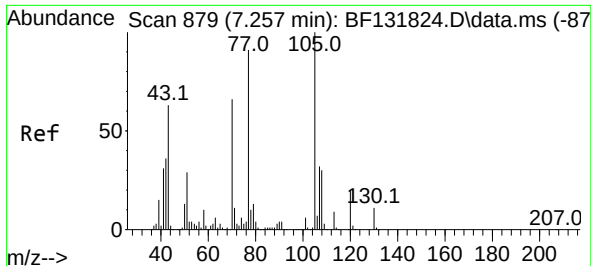
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#18
Hexachloroethane
Concen: 42.513 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

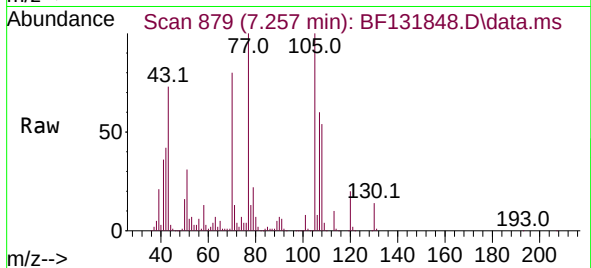
Tgt Ion:117 Resp: 97975
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
201 104.5 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.043 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

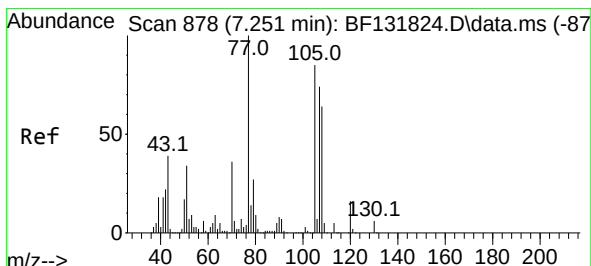
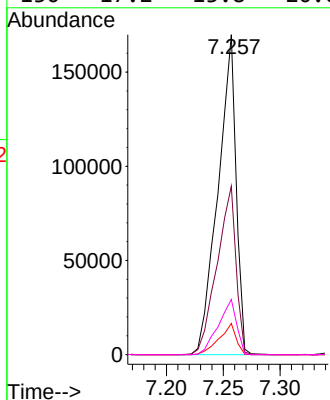
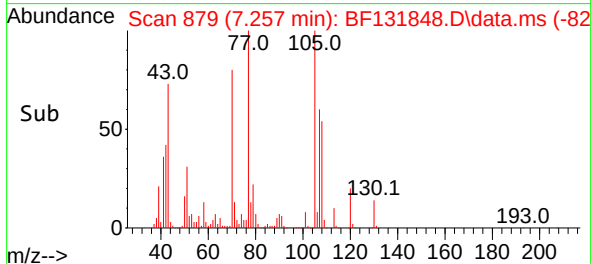
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



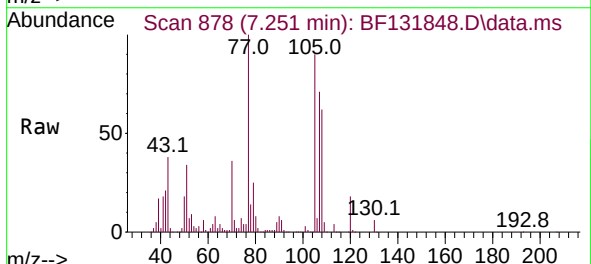
Tgt Ion: 70 Resp: 18785
Ion Ratio Lower Upper
70 100
42 52.6 43.8 65.6
101 9.7 7.4 11.0
130 17.2 13.8 20.6

Manual Integrations
APPROVED

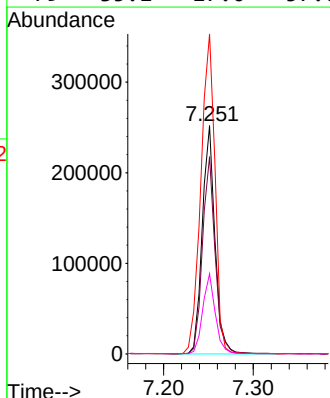
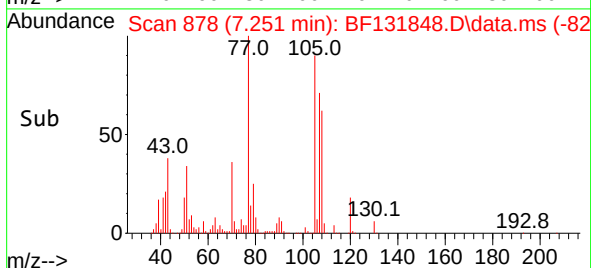
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

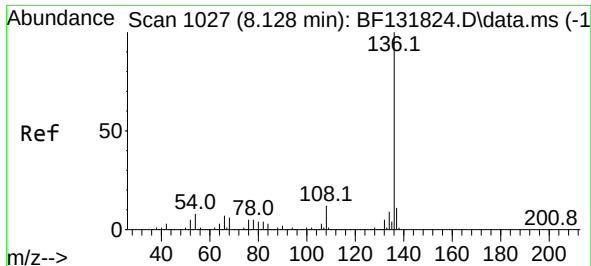


#20
3+4-Methylphenols
Concen: 41.981 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



Tgt Ion:107 Resp: 248155
Ion Ratio Lower Upper
107 100
108 86.4 67.1 107.1
77 140.2 114.9 154.9
79 35.1 17.0 57.0





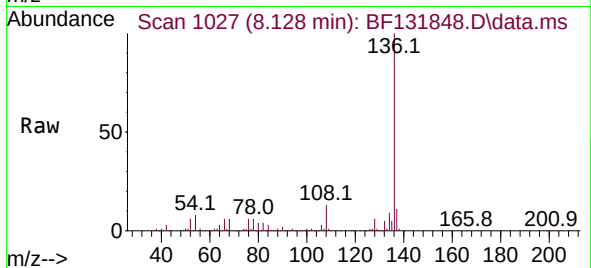
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD

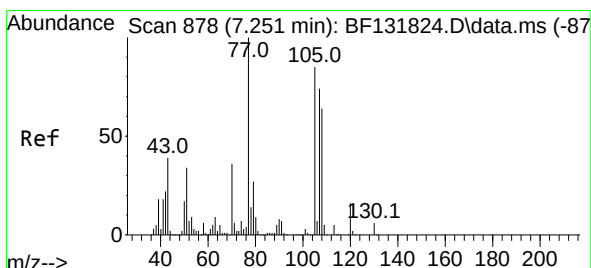
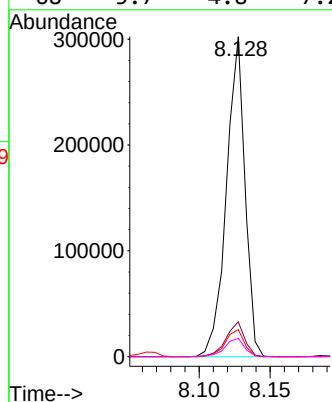
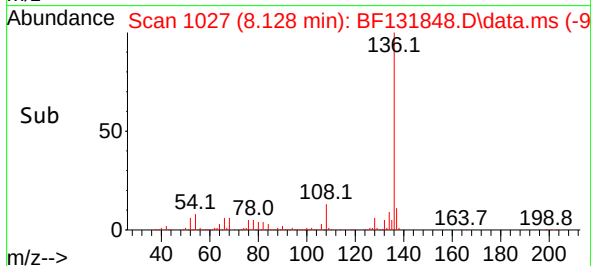


Tgt Ion:136 Resp: 274316
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.4 6.7 10.1
68 5.7 4.8 7.2

Manual Integrations

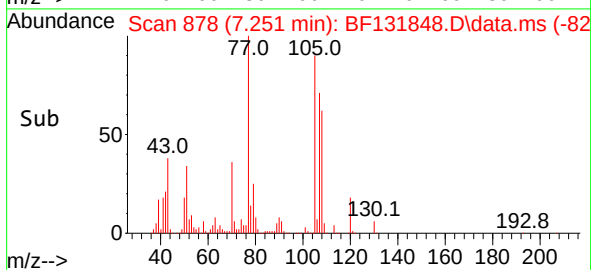
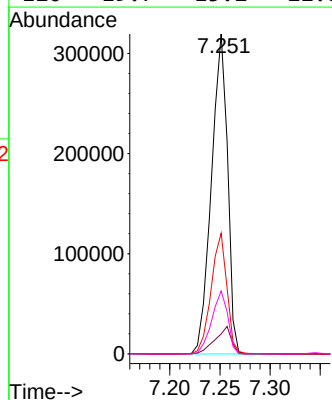
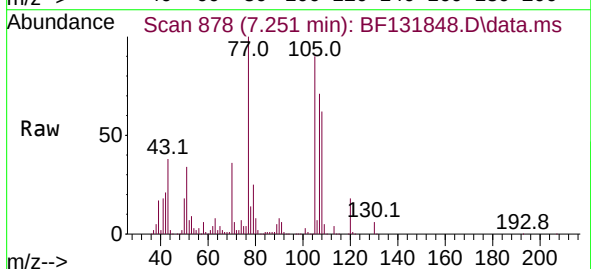
APPROVED

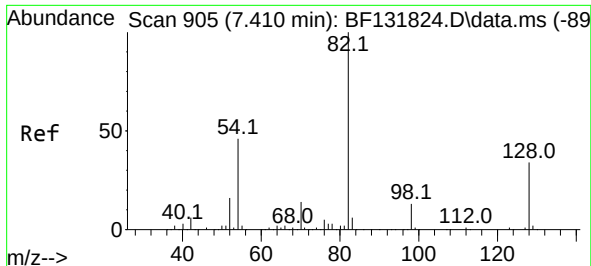
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#22
Acetophenone
Concen: 44.220 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

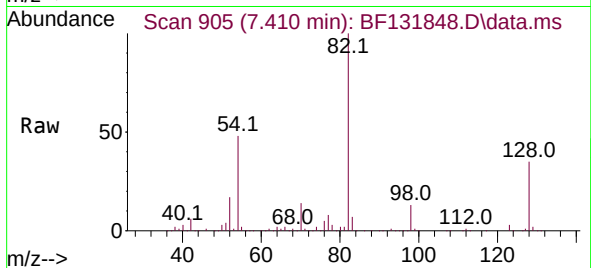
Tgt Ion:105 Resp: 355621
Ion Ratio Lower Upper
105 100
71 6.2 5.4 8.0
51 37.7 31.9 47.9
120 19.7 15.2 22.8





#23
Nitrobenzene-d5
Concen: 75.445 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

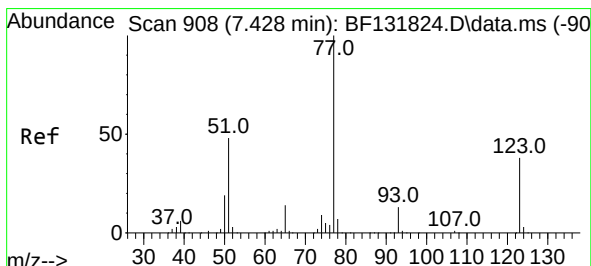
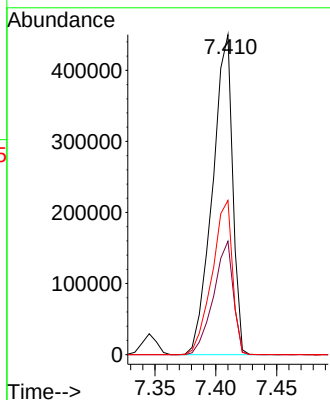
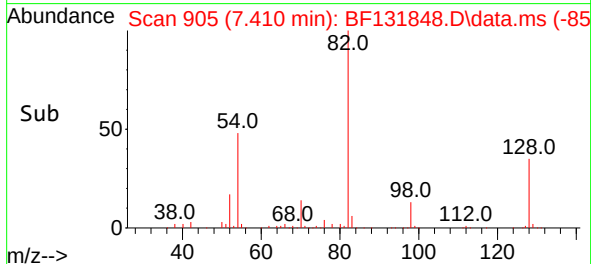
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion: 82 Resp: 518356
Ion Ratio Lower Upper
82 100
128 35.4 27.1 40.7
54 48.2 37.0 55.6

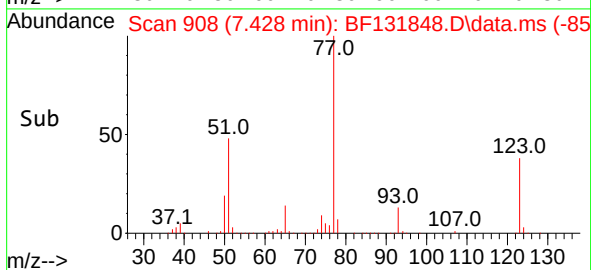
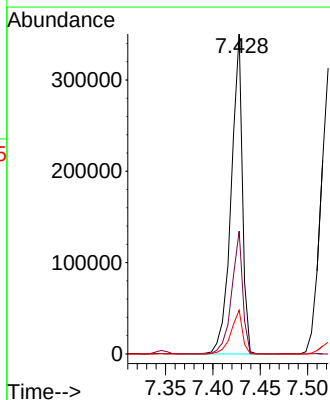
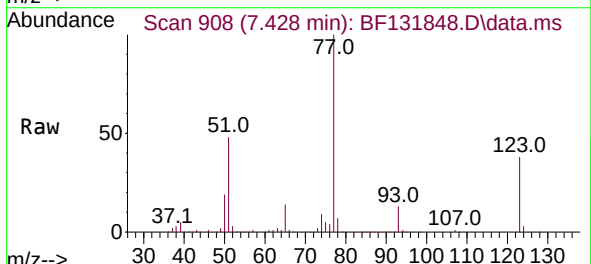
Manual Integrations
APPROVED

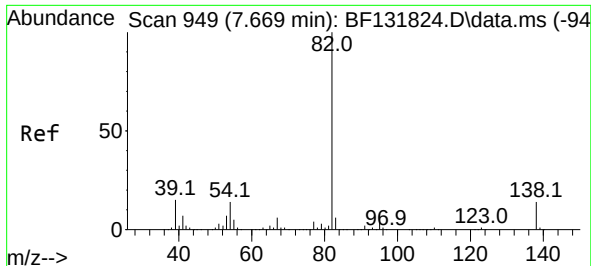
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#24
Nitrobenzene
Concen: 42.002 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

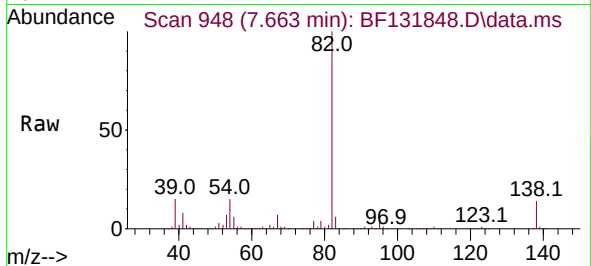
Tgt Ion: 77 Resp: 289212
Ion Ratio Lower Upper
77 100
123 38.4 30.4 45.6
65 13.7 11.1 16.7





#25
Isophorone
Concen: 45.587 ng
RT: 7.663 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

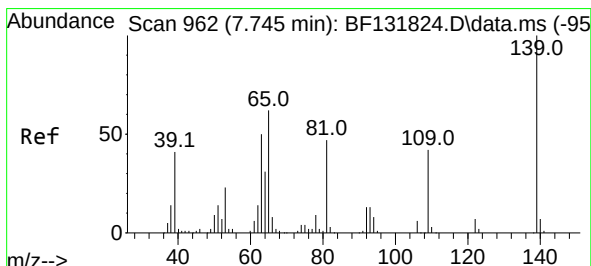
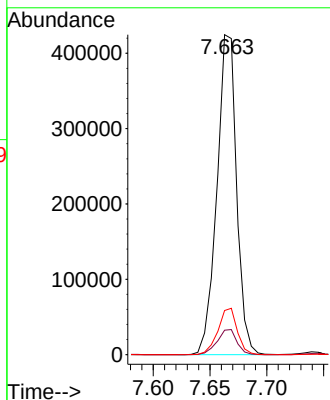
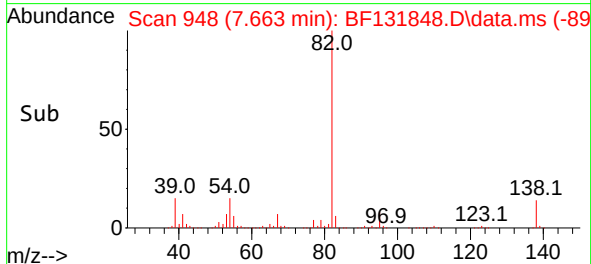
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion: 82 Resp: 511505
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 13.8 11.5 17.3

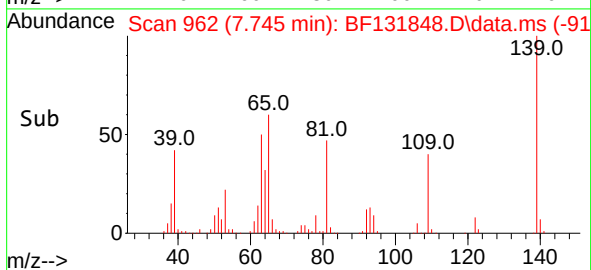
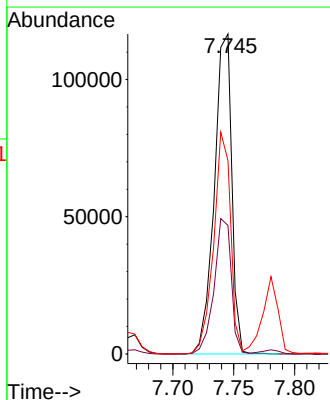
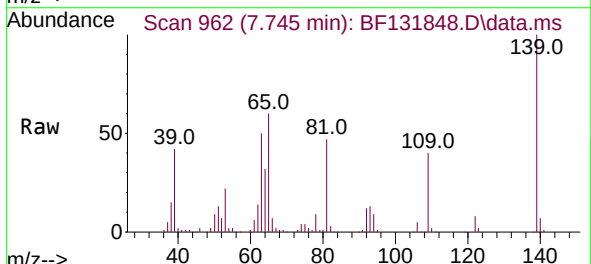
Manual Integrations
APPROVED

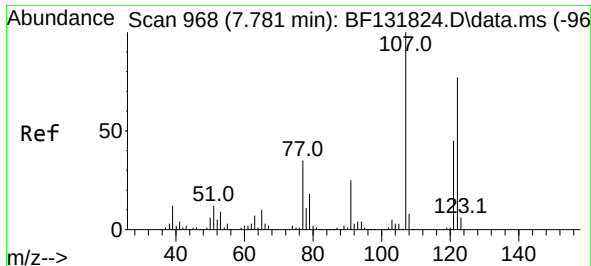
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#26
2-Nitrophenol
Concen: 43.337 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

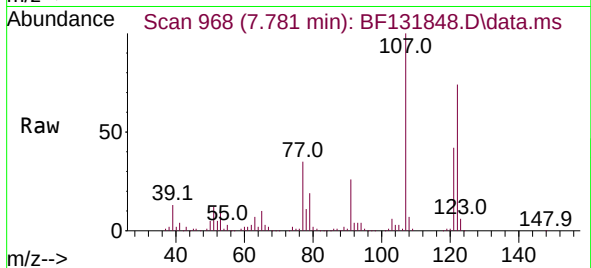
Tgt Ion:139 Resp: 116020
Ion Ratio Lower Upper
139 100
109 40.1 33.7 50.5
65 60.4 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 50.516 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

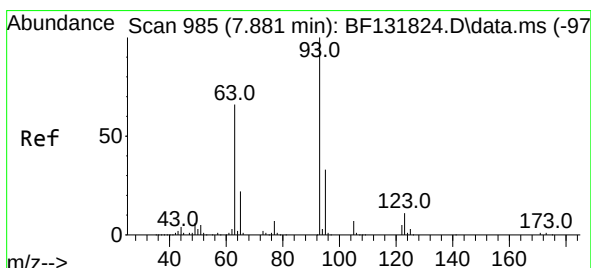
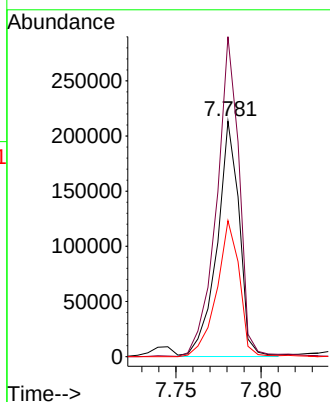
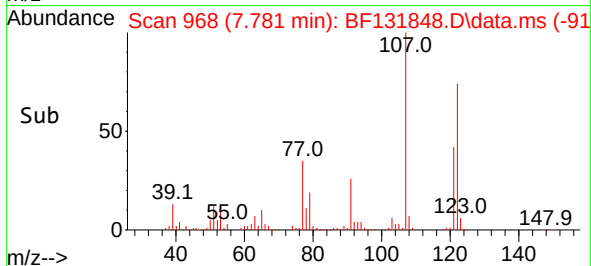
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion:122 Resp: 192910
Ion Ratio Lower Upper
122 100
107 135.9 104.4 156.6
121 57.8 46.8 70.2

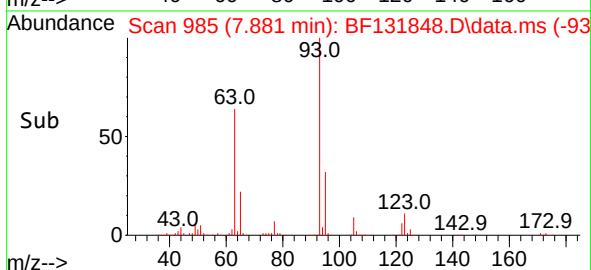
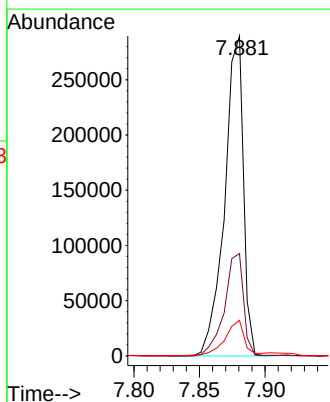
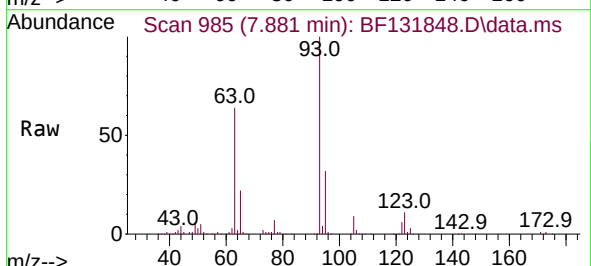
Manual Integrations
APPROVED

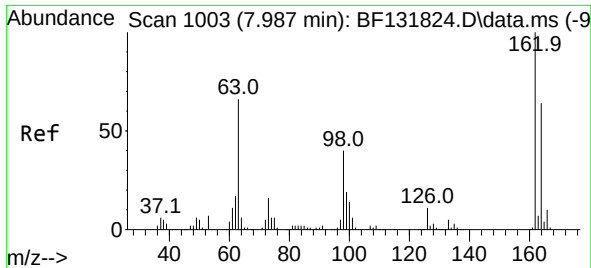
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#28
bis(2-Chloroethoxy)methane
Concen: 48.039 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Tgt Ion: 93 Resp: 289173
Ion Ratio Lower Upper
93 100
95 32.0 26.3 39.5
123 11.1 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 42.188 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF131848.D

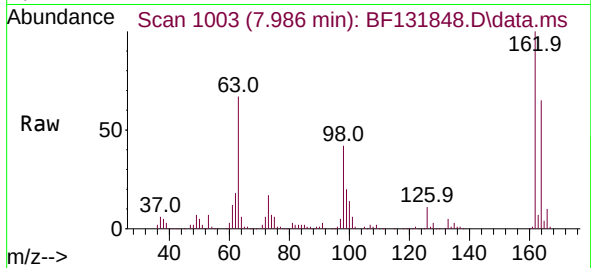
Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD



Tgt Ion:162 Resp: 194098

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

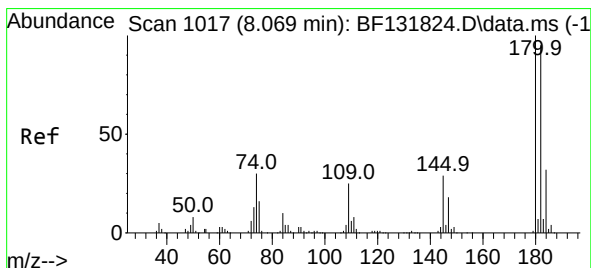
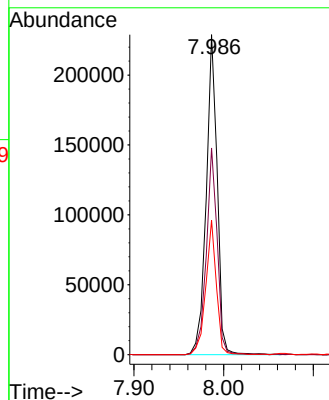
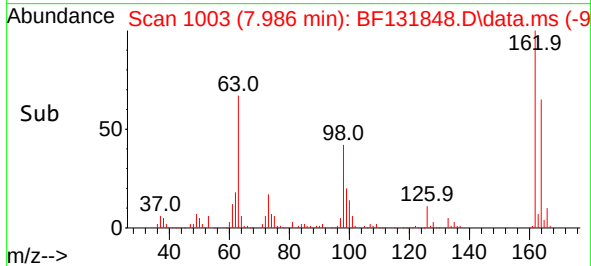
98 42.0 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.799 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF131848.D

Acq: 27 Dec 2022 21:05

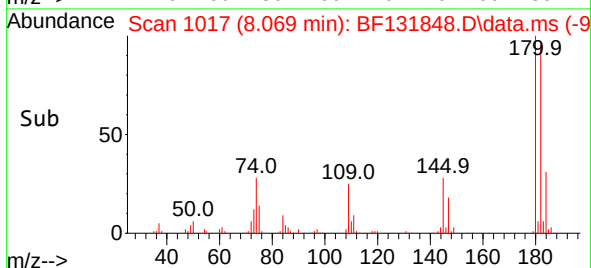
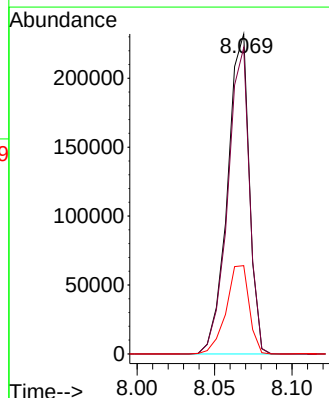
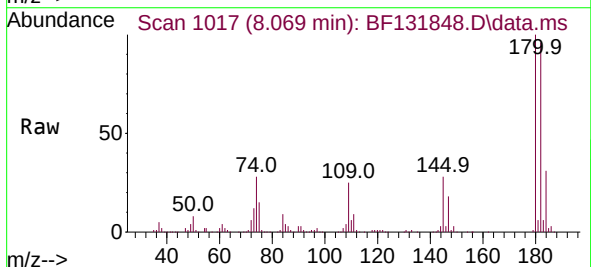
Tgt Ion:180 Resp: 228008

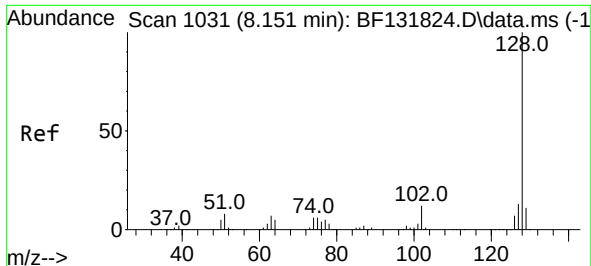
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

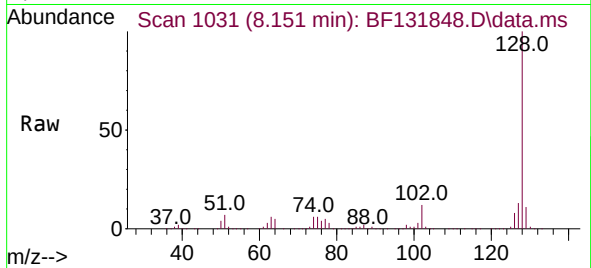
145 27.6 23.3 34.9





#31
Naphthalene
Concen: 40.640 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

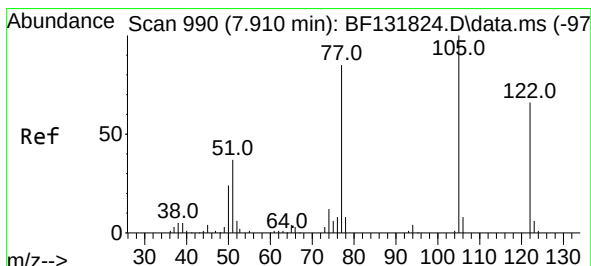
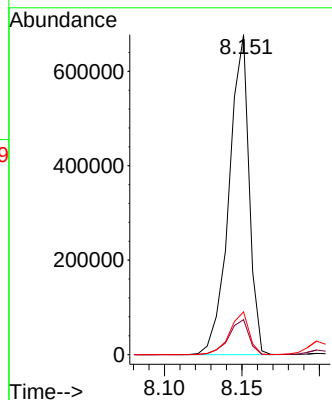
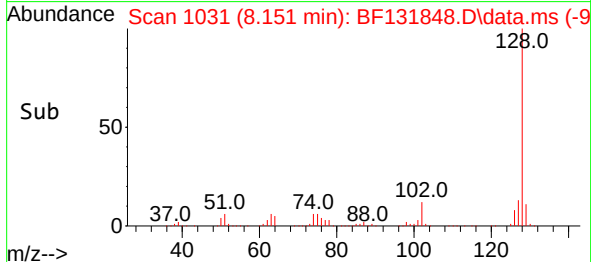
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



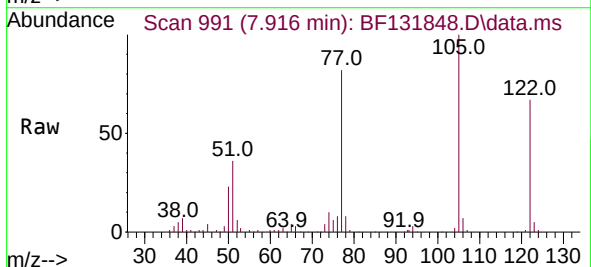
Tgt Ion:128 Resp: 610528
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.4 10.6 15.8

Manual Integrations
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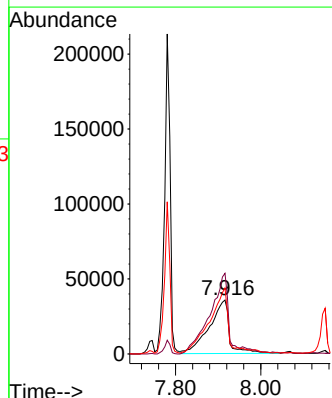
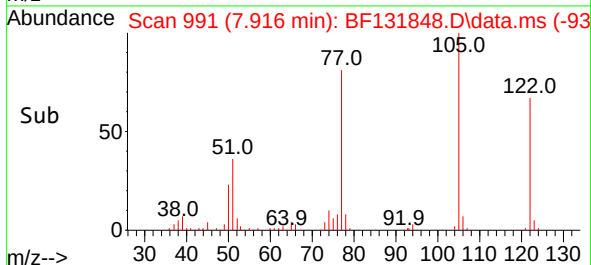
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

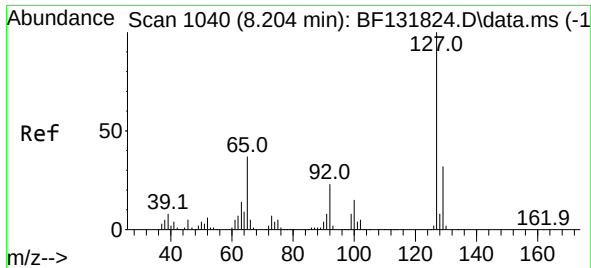


#32
Benzoic acid
Concen: 42.336 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



Tgt Ion:122 Resp: 118168
Ion Ratio Lower Upper
122 100
105 149.5 127.9 167.9
77 122.8 106.9 146.9





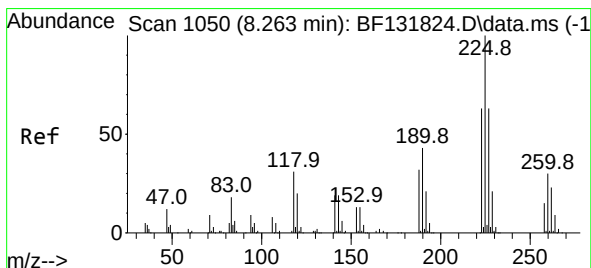
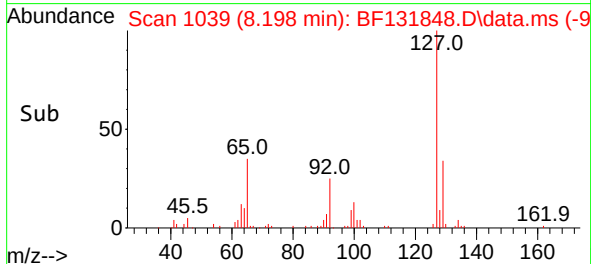
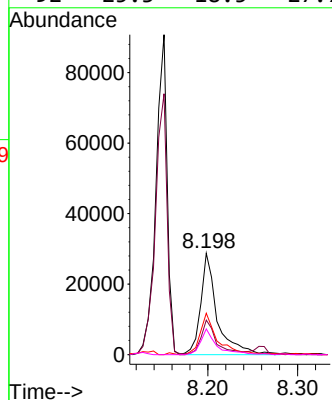
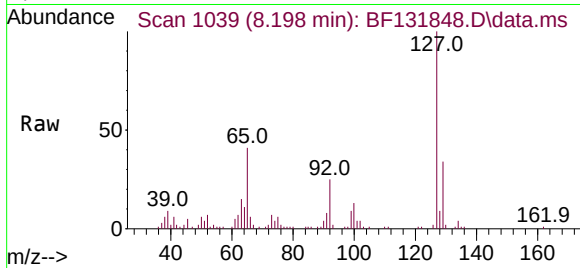
#33
4-Chloroaniline
Concen: 6.422 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD

Tgt Ion:127	Resp:	37020
Ion Ratio	Lower	Upper
127	100	
129	34.0	25.8 38.8
65	40.7	29.7 44.5
92	25.3	18.5 27.7

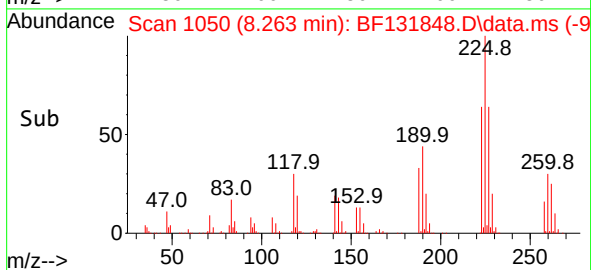
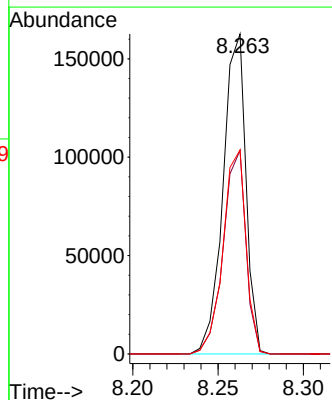
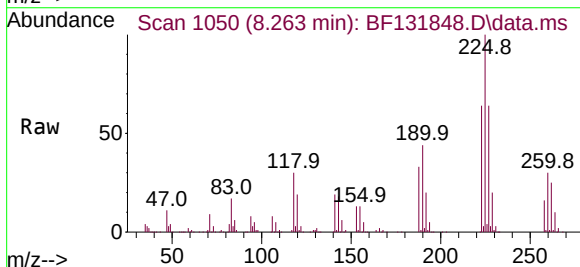
Manual Integrations
APPROVED

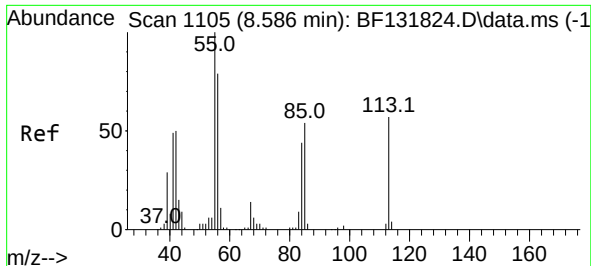
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#34
Hexachlorobutadiene
Concen: 40.661 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

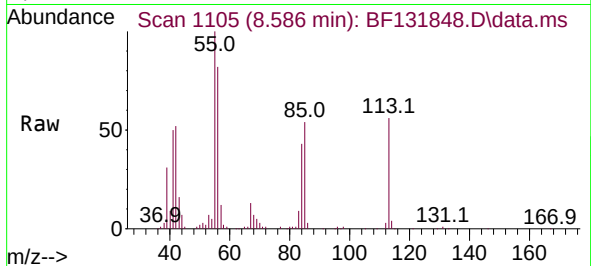
Tgt Ion:225	Resp:	151746
Ion Ratio	Lower	Upper
225	100	
223	63.6	50.0 75.0
227	63.7	50.8 76.2





#35
Caprolactam
Concen: 39.958 ng m
RT: 8.586 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

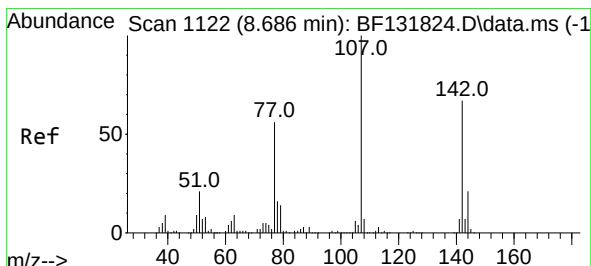
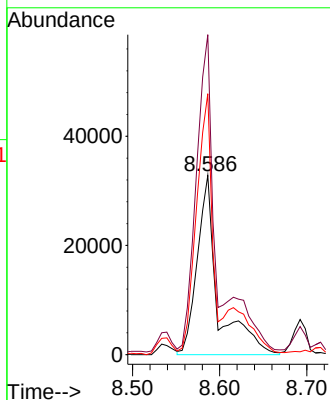
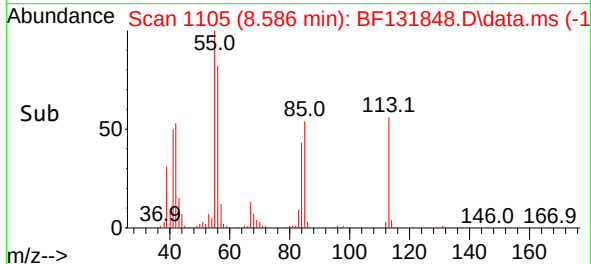
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



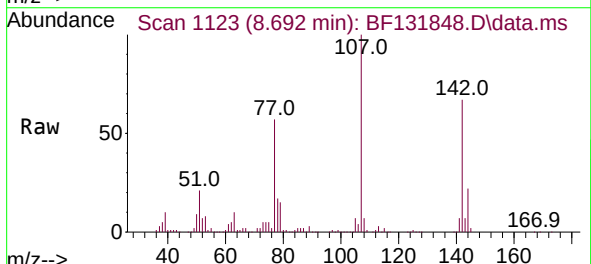
Tgt Ion:113 Resp: 54430
Ion Ratio Lower Upper
113 100
55 178.5 153.3 193.3
56 145.5 116.3 156.3

Manual Integrations
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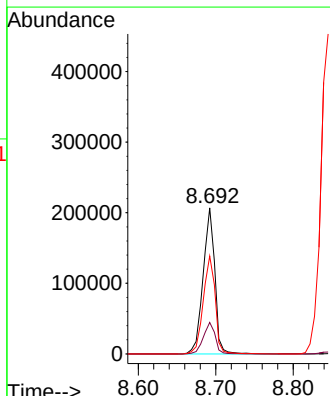
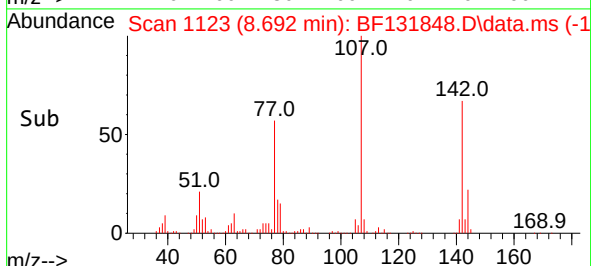
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

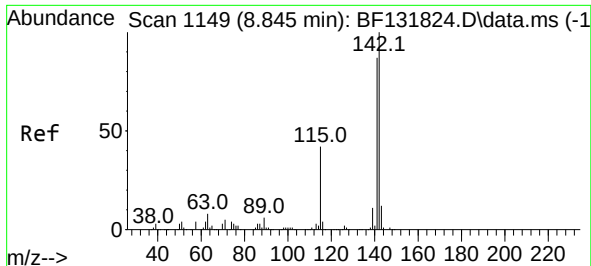


#36
4-Chloro-3-methylphenol
Concen: 41.829 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



Tgt Ion:107 Resp: 217501
Ion Ratio Lower Upper
107 100
144 21.6 16.8 25.2
142 67.0 53.8 80.8





#37

2-Methylnaphthalene

Concen: 40.858 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF131848.D

Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD

Tgt Ion:142 Resp: 411952

Ion Ratio Lower Upper

142 100

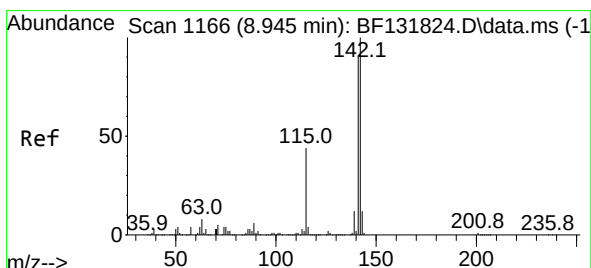
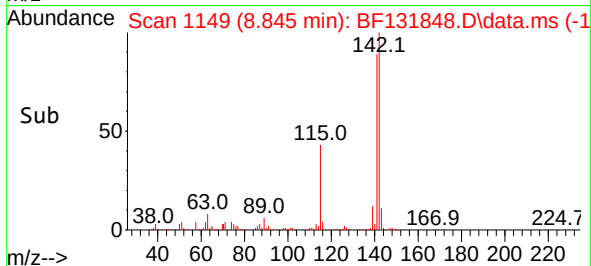
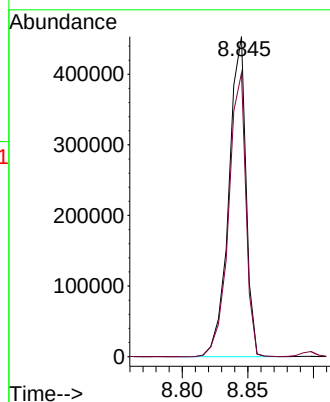
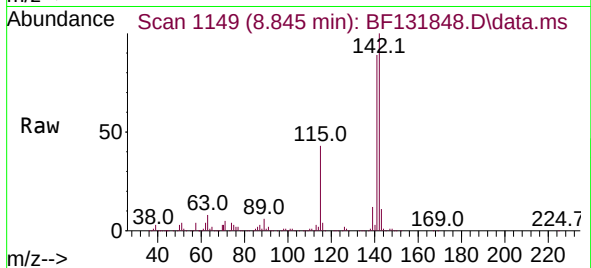
141 88.6 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#38

1-Methylnaphthalene

Concen: 38.351 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF131848.D

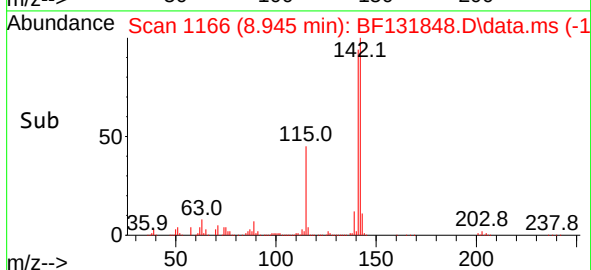
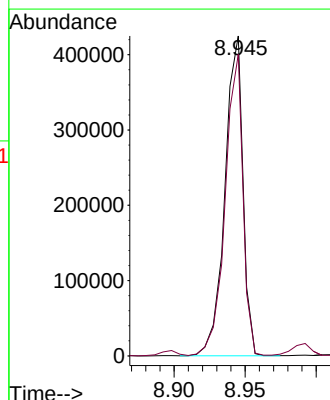
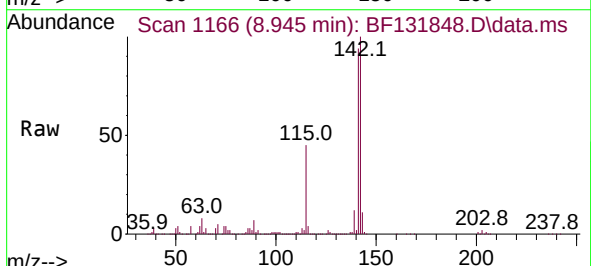
Acq: 27 Dec 2022 21:05

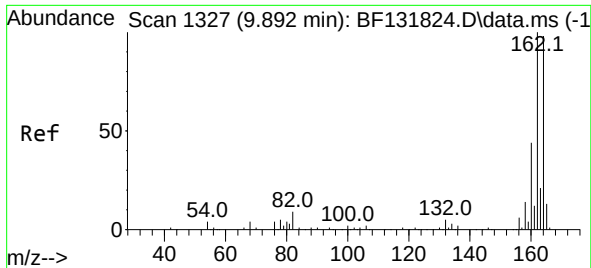
Tgt Ion:142 Resp: 375598

Ion Ratio Lower Upper

142 100

141 94.2 73.0 109.6





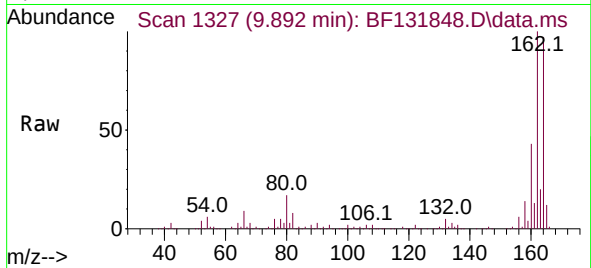
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD

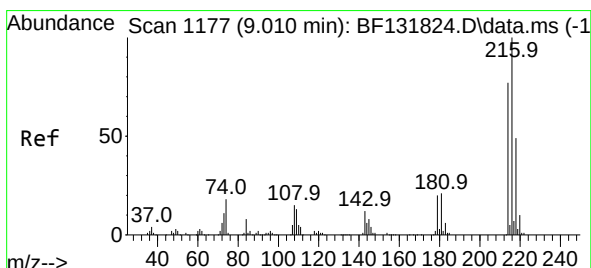
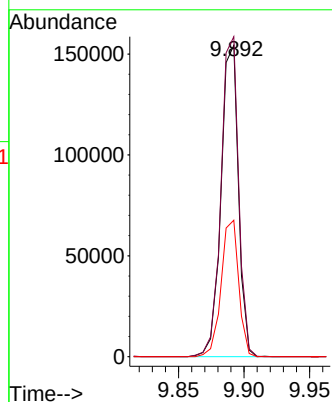
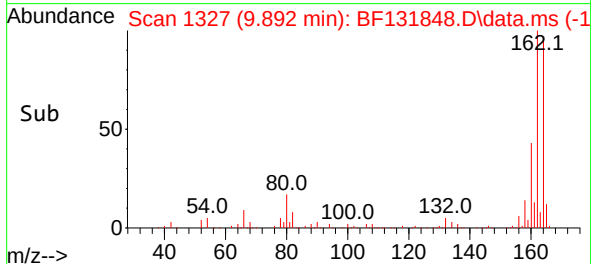


Tgt Ion:164 Resp: 142743
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 43.8 35.7 53.5

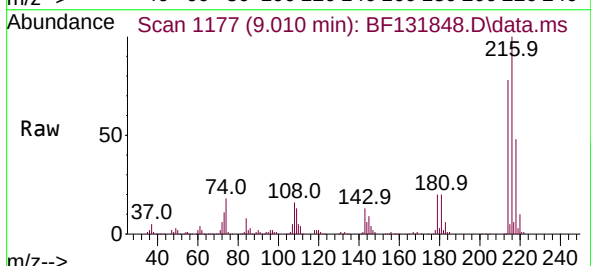
Manual Integrations

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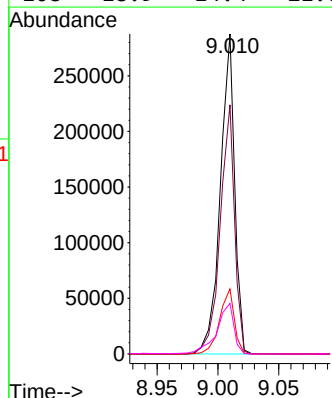
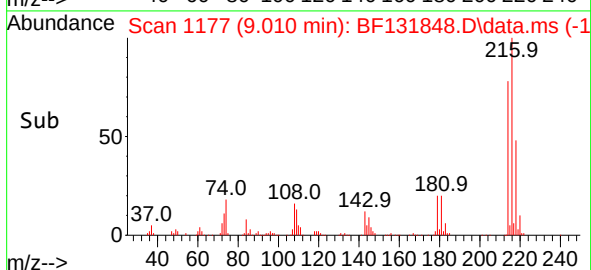
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

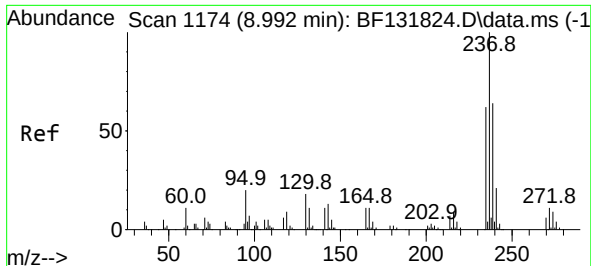


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.981 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



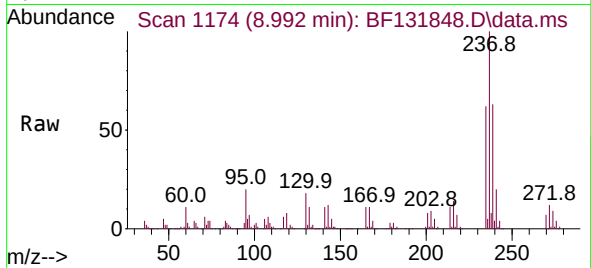
Tgt Ion:216 Resp: 235470
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.7 16.4 24.6
108 18.9 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 60.763 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

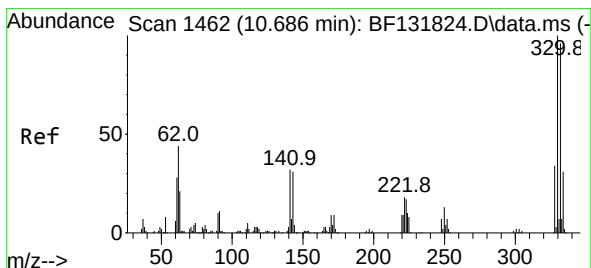
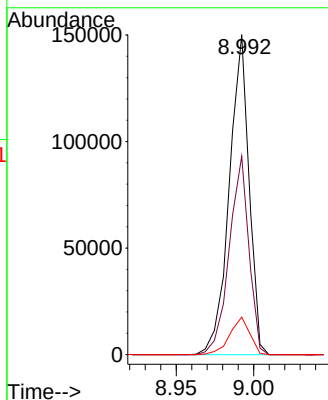
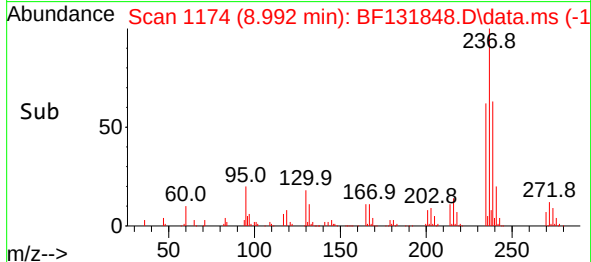
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



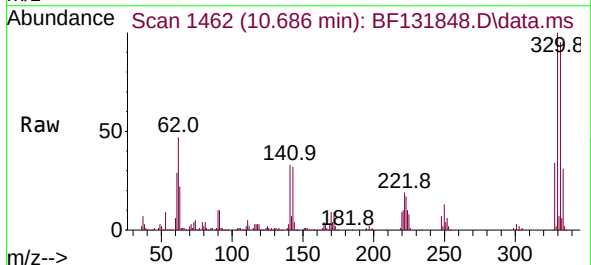
Tgt Ion:237 Resp: 132845
Ion Ratio Lower Upper
237 100
235 62.0 42.3 82.3
272 11.7 0.0 31.4

Manual Integrations
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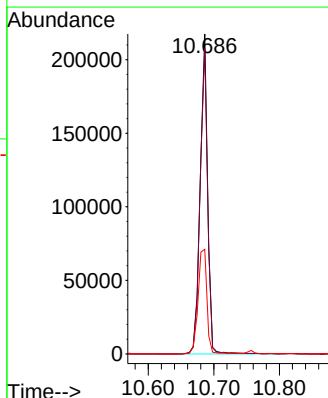
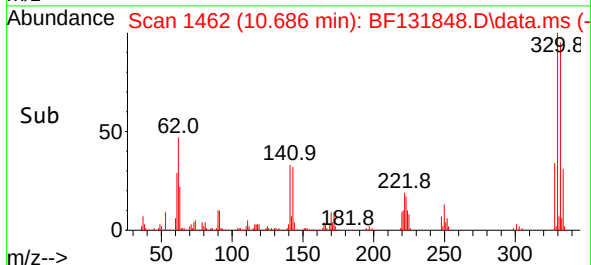
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

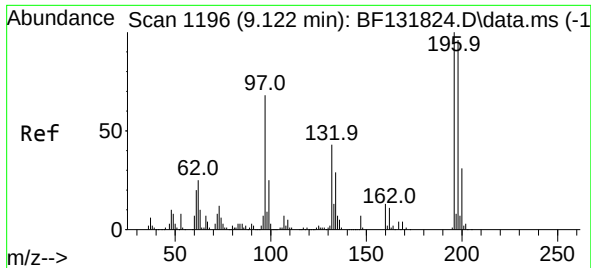


#42
2,4,6-Tribromophenol
Concen: 109.568 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



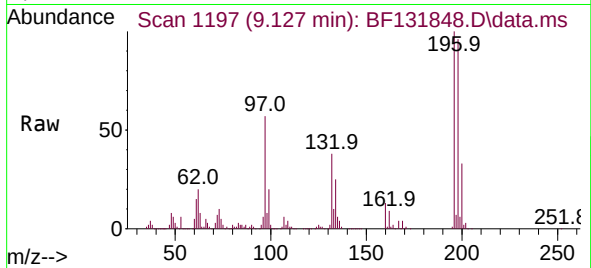
Tgt Ion:330 Resp: 169930
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 39.2 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 44.694 ng
RT: 9.127 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

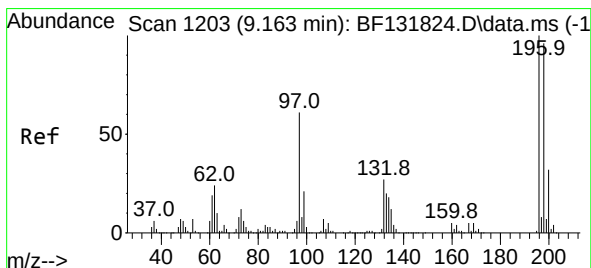
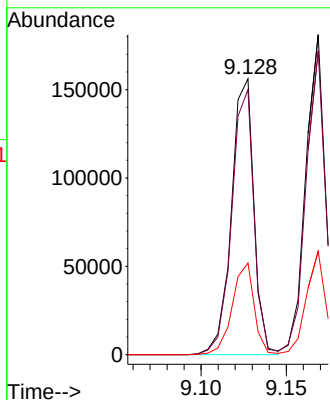
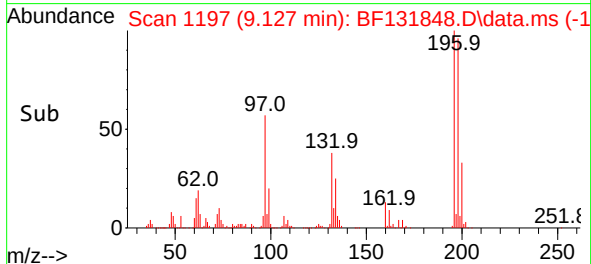
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



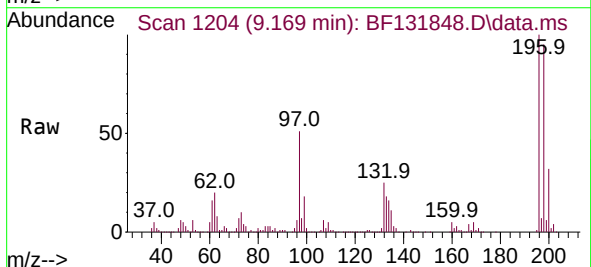
Tgt Ion:196 Resp: 143472
Ion Ratio Lower Upper
196 100
198 96.0 76.5 114.7
200 33.2 24.5 36.7

Manual Integrations
APPROVED

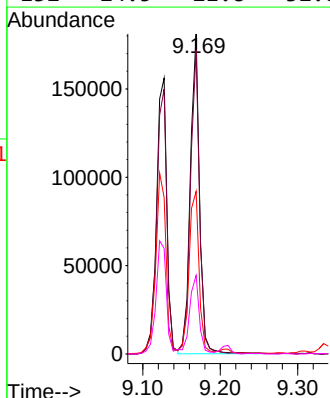
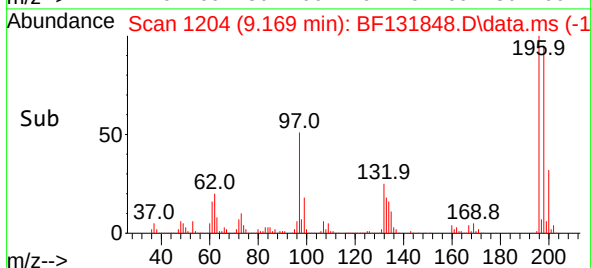
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

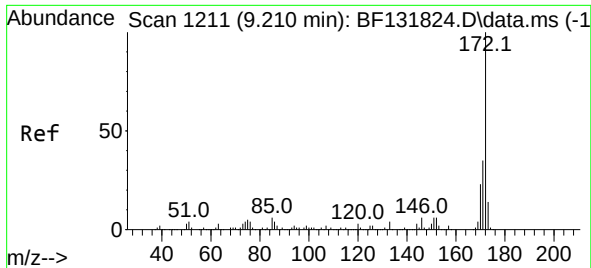


#44
2,4,5-Trichlorophenol
Concen: 43.170 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



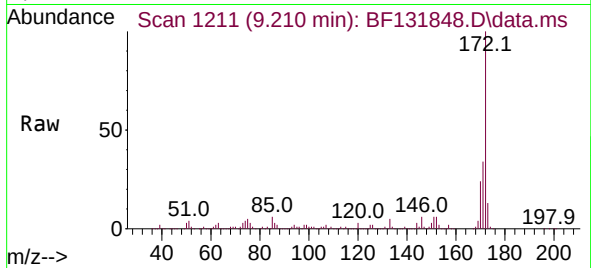
Tgt Ion:196 Resp: 149800
Ion Ratio Lower Upper
196 100
198 95.0 76.6 115.0
97 50.8 49.3 73.9
132 24.5 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 80.203 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

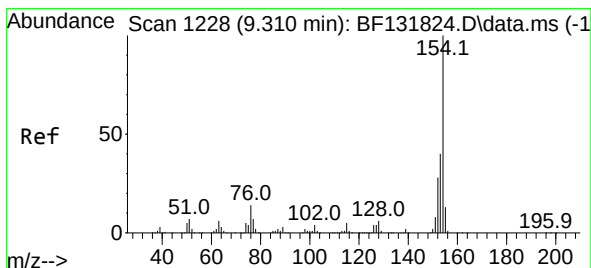
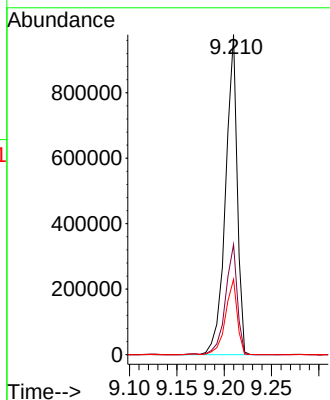
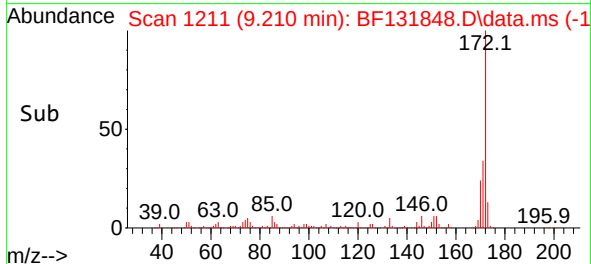
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



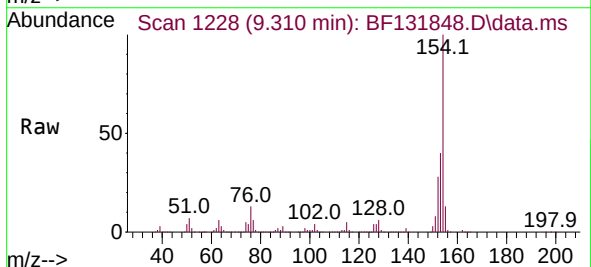
Tgt Ion:172 Resp: 835818
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.5 18.7 28.1

Manual Integrations
APPROVED

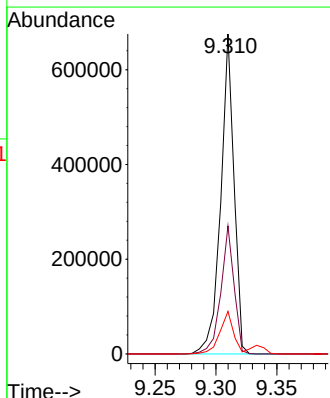
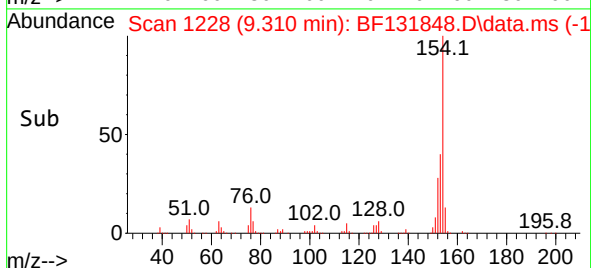
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

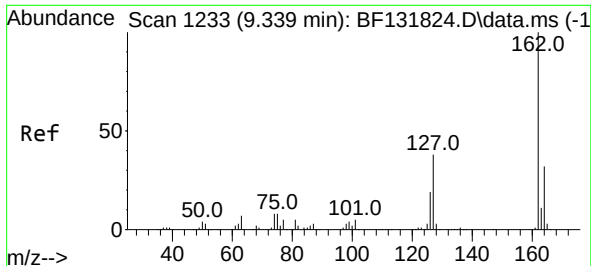


#46
1,1'-Biphenyl
Concen: 46.772 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



Tgt Ion:154 Resp: 511148
Ion Ratio Lower Upper
154 100
153 40.0 19.8 59.8
76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 44.282 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF131848.D

Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD

Tgt Ion:162 Resp: 400366

Ion Ratio Lower Upper

162 100

127 41.4 31.0 46.6

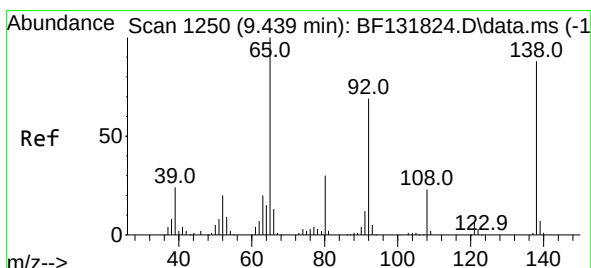
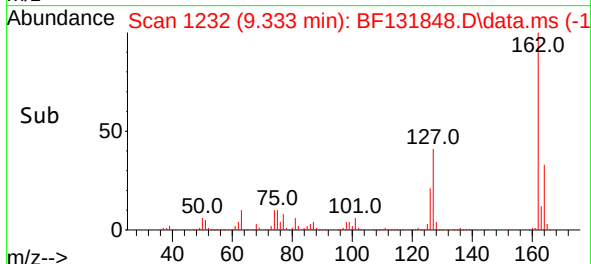
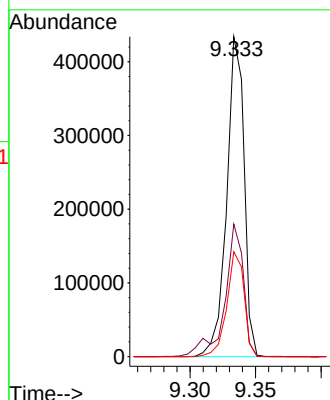
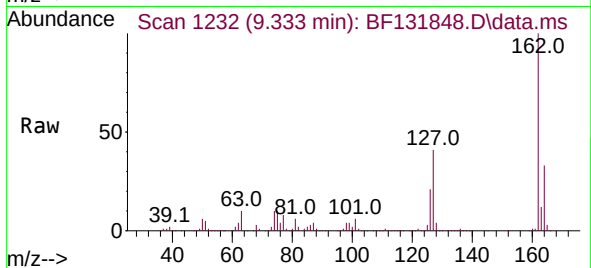
164 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#48

2-Nitroaniline

Concen: 42.108 ng

RT: 9.439 min Scan# 1250

Delta R.T. -0.000 min

Lab File: BF131848.D

Acq: 27 Dec 2022 21:05

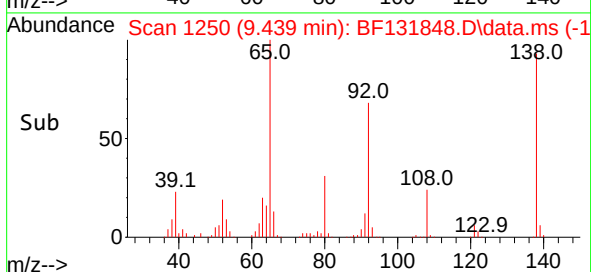
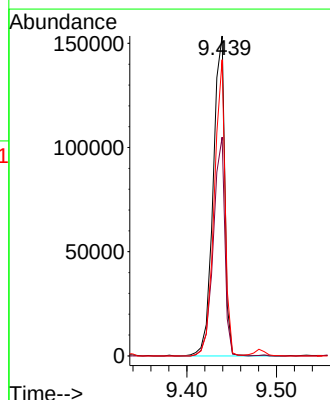
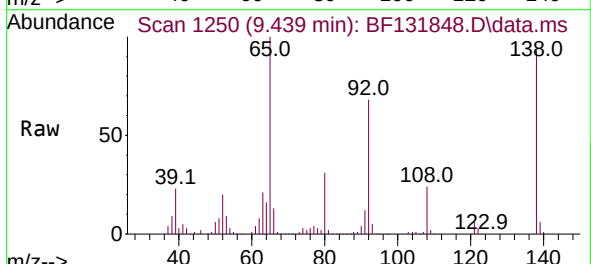
Tgt Ion: 65 Resp: 139544

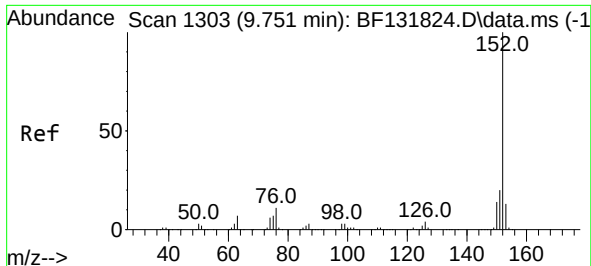
Ion Ratio Lower Upper

65 100

92 68.4 55.0 82.6

138 92.6 70.4 105.6





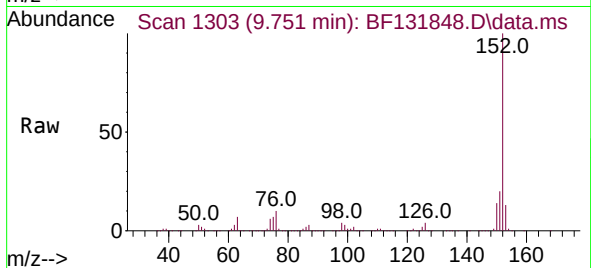
#49
Acenaphthylene
Concen: 42.852 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD

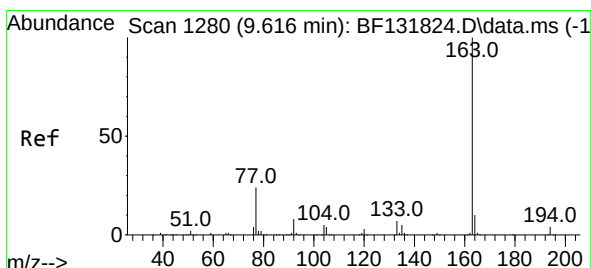
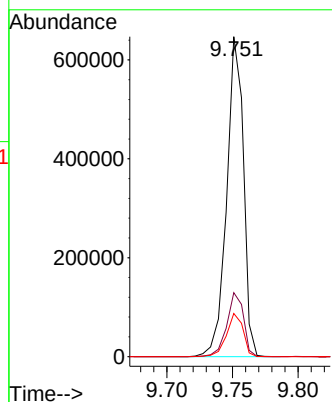
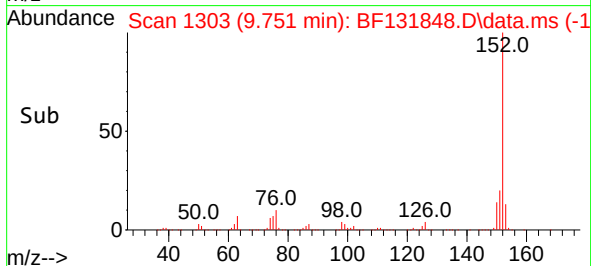


Tgt Ion:152 Resp: 576899
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.5 10.2 15.4

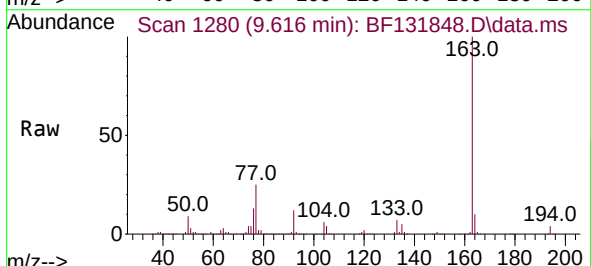
Manual Integrations

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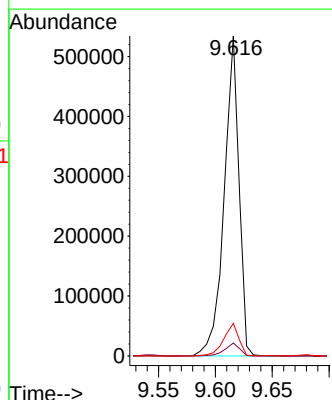
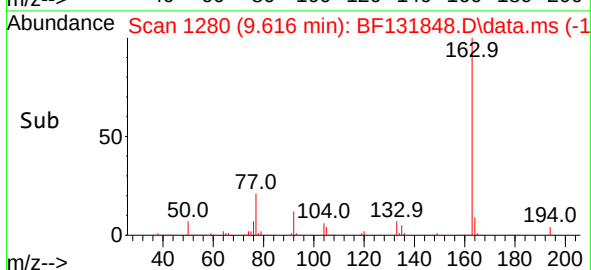
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

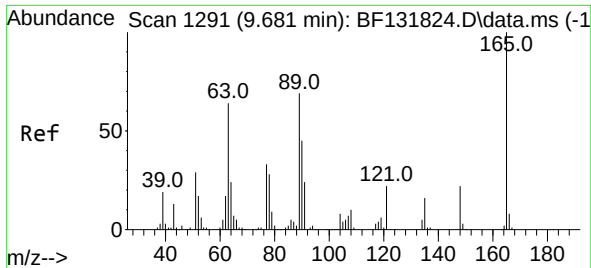


#50
Dimethylphthalate
Concen: 44.627 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



Tgt Ion:163 Resp: 481929
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.2 12.4





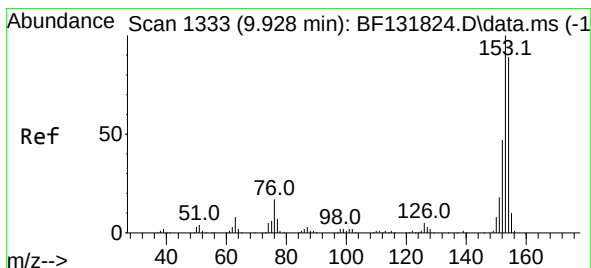
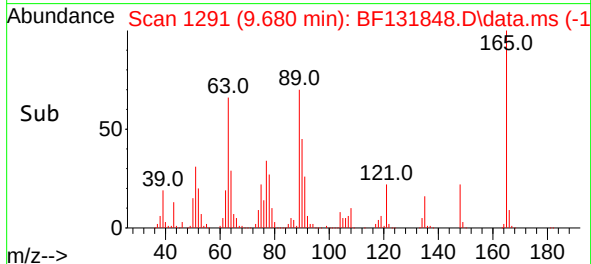
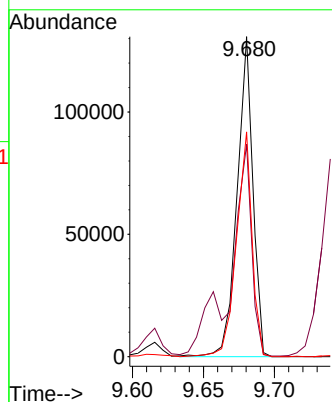
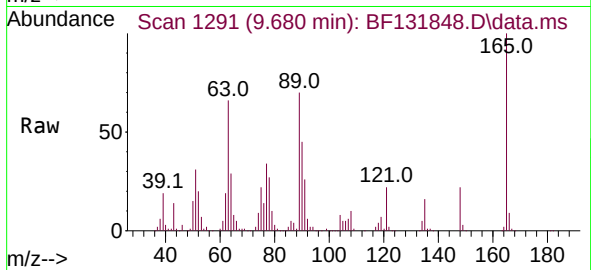
#51
2,6-Dinitrotoluene
Concen: 43.139 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD

Tgt Ion:165 Resp: 10084
Ion Ratio Lower Upper
165 100
63 66.3 55.1 82.7
89 70.2 55.0 82.4

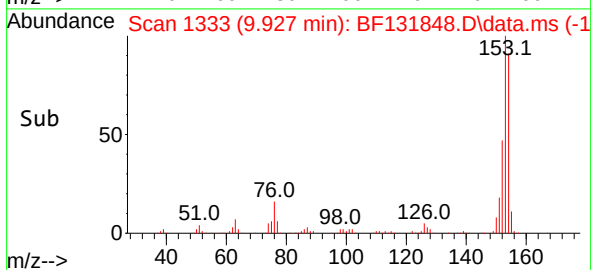
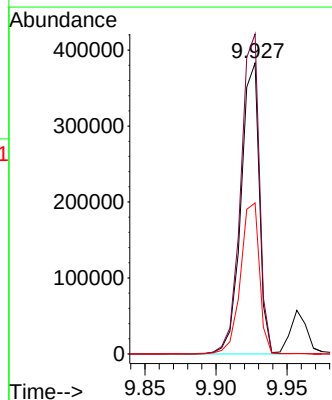
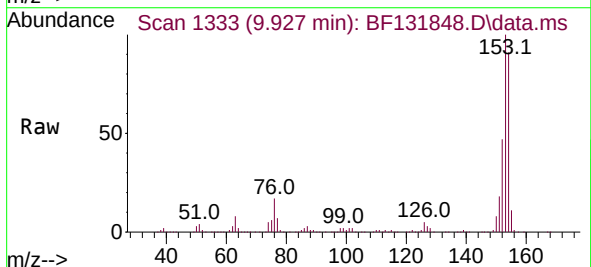
Manual Integrations
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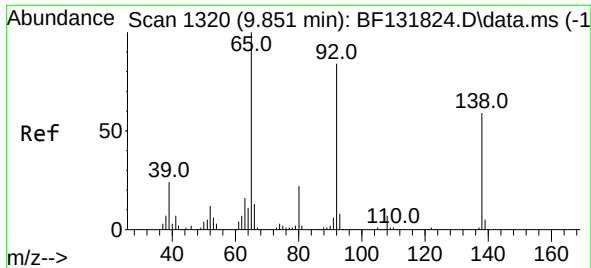
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#52
Acenaphthene
Concen: 42.444 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Tgt Ion:154 Resp: 344861
Ion Ratio Lower Upper
154 100
153 110.0 90.2 135.2
152 51.9 42.5 63.7





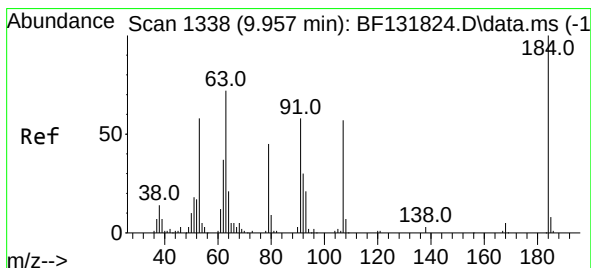
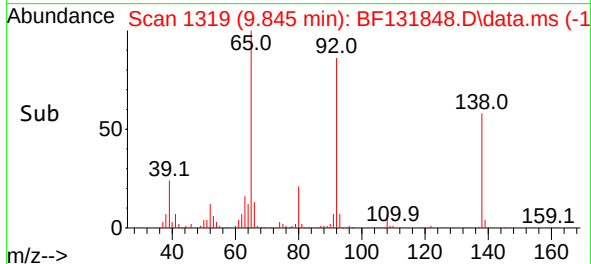
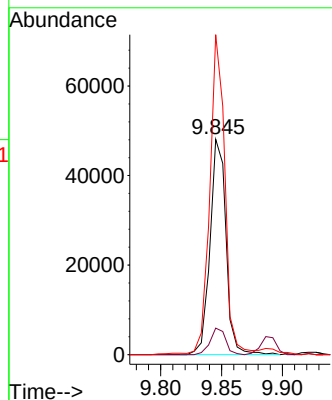
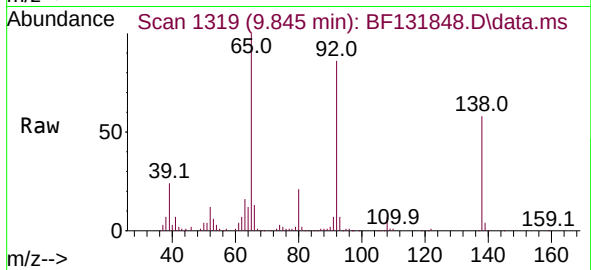
#53
3-Nitroaniline
Concen: 18.457 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD

Tgt Ion:138 Resp: 43964
Ion Ratio Lower Upper
138 100
108 12.3 9.3 13.9
92 148.6 113.9 170.9

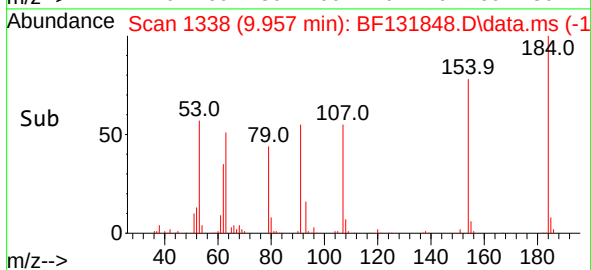
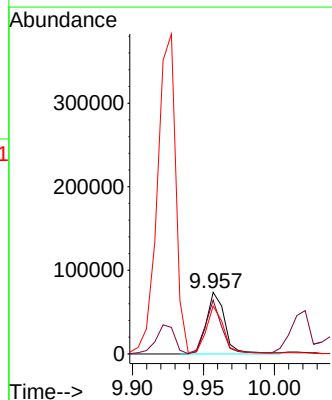
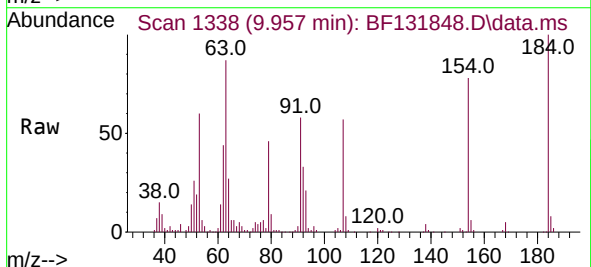
Manual Integrations
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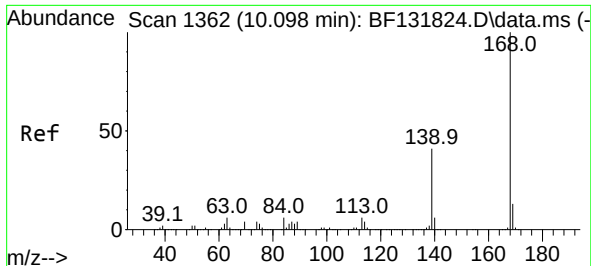
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#54
2,4-Dinitrophenol
Concen: 49.311 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

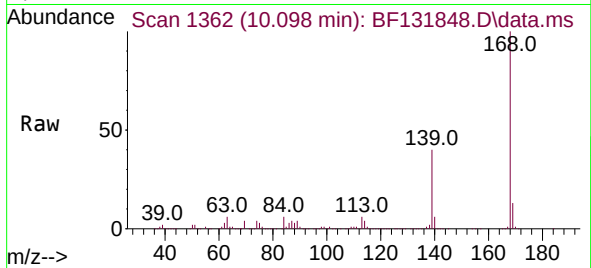
Tgt Ion:184 Resp: 66338
Ion Ratio Lower Upper
184 100
63 87.1 66.8 100.2
154 77.8 61.6 92.4





#55
Dibenzofuran
Concen: 41.840 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

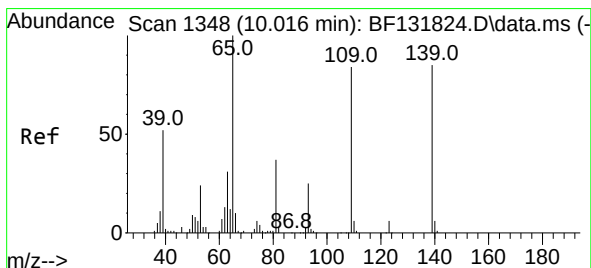
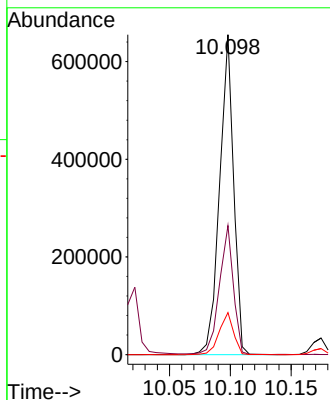
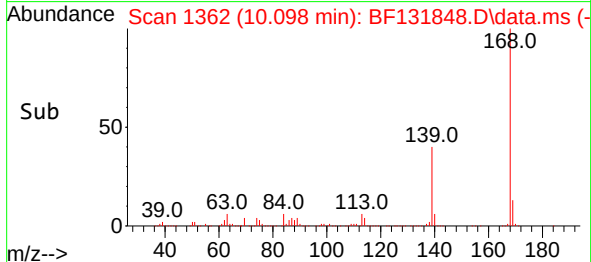
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



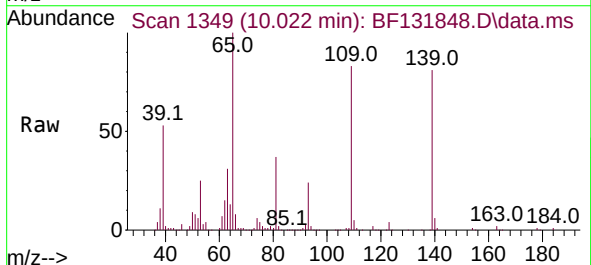
Tgt Ion:168 Resp: 523758
Ion Ratio Lower Upper
168 100
139 40.3 32.6 49.0
169 13.1 10.5 15.7

Manual Integrations
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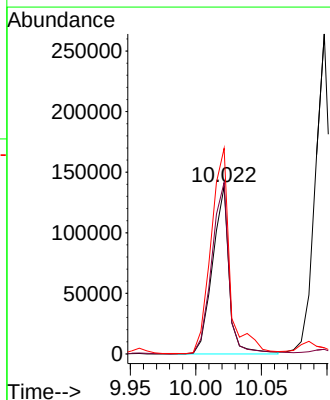
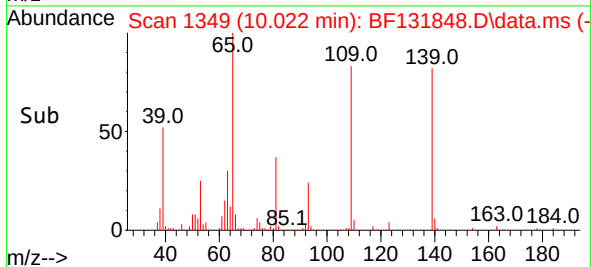
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

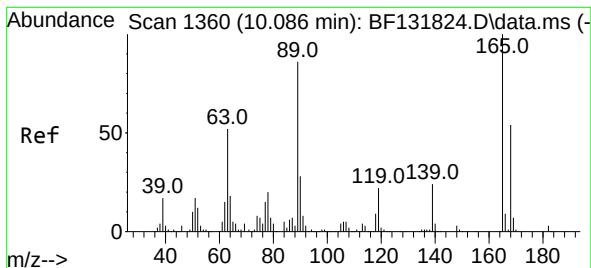


#56
4-Nitrophenol
Concen: 73.020 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



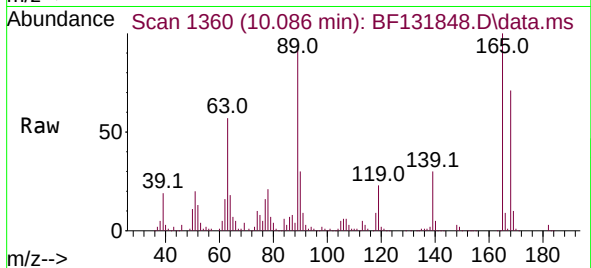
Tgt Ion:139 Resp: 121842
Ion Ratio Lower Upper
139 100
109 102.4 78.5 118.5
65 122.7 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 39.552 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

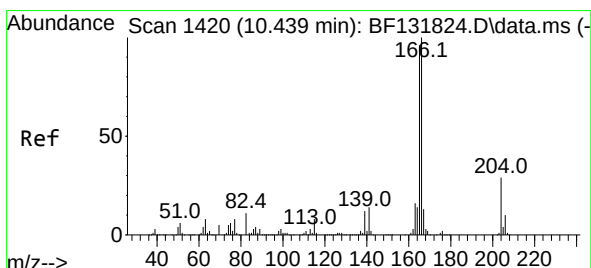
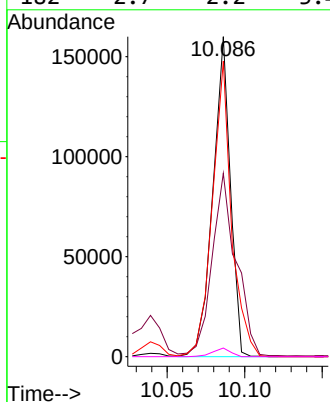
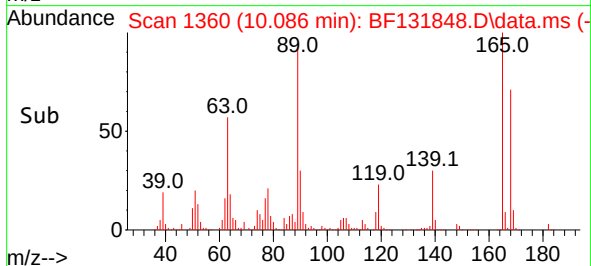
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



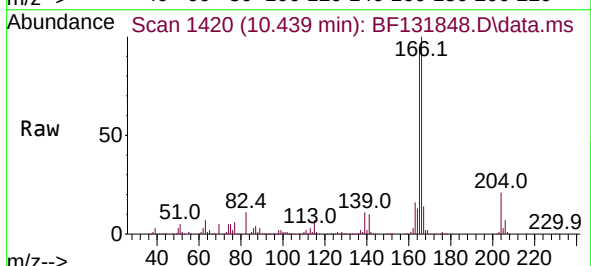
Tgt Ion:165 Resp: 126448
Ion Ratio Lower Upper
165 100
63 57.3 42.1 63.1
89 92.4 69.1 103.7
182 2.7 2.2 3.4

Manual Integrations
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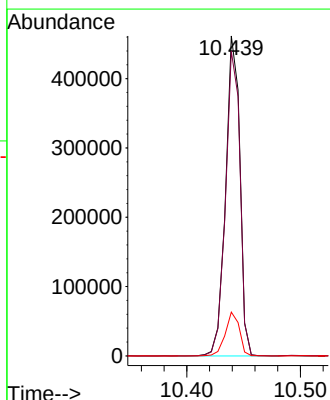
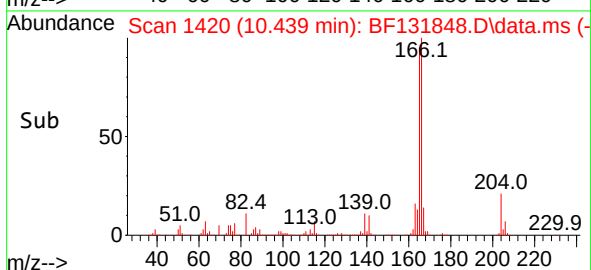
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

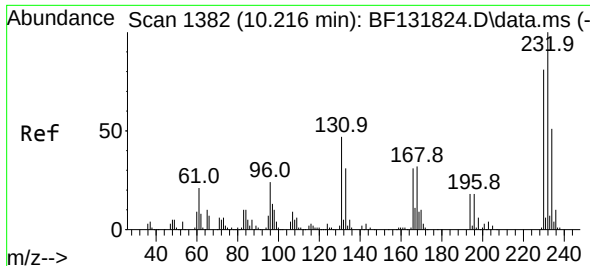


#58
Fluorene
Concen: 39.378 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



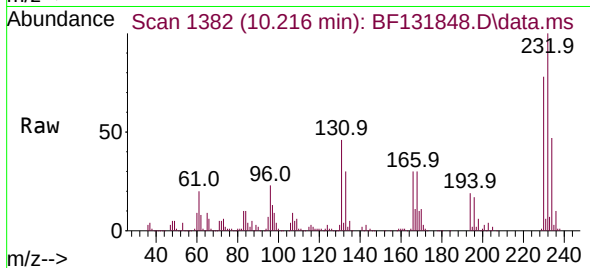
Tgt Ion:166 Resp: 402424
Ion Ratio Lower Upper
166 100
165 95.2 77.0 115.4
167 13.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.983 ng m
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

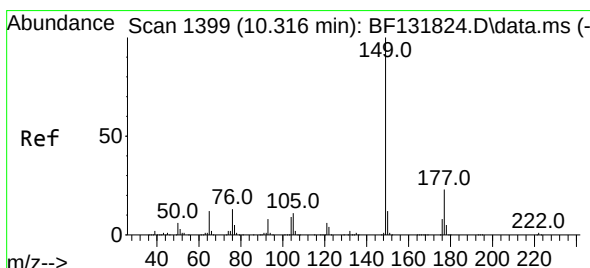
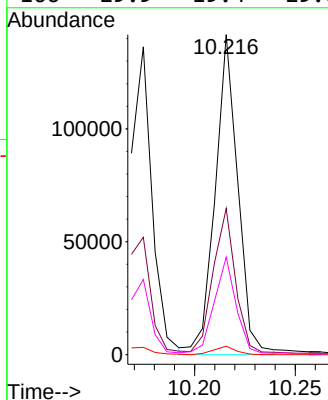
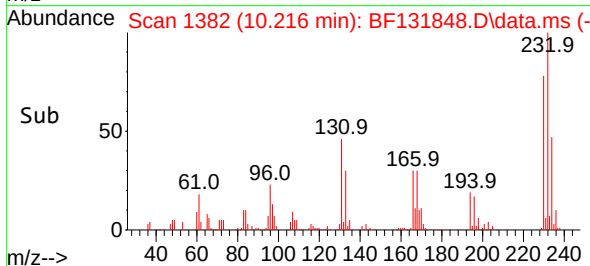
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion:232 Resp: 111007
Ion Ratio Lower Upper
232 100
131 45.7 30.1 45.1
130 2.5 1.8 2.6
166 29.9 19.4 29.0#

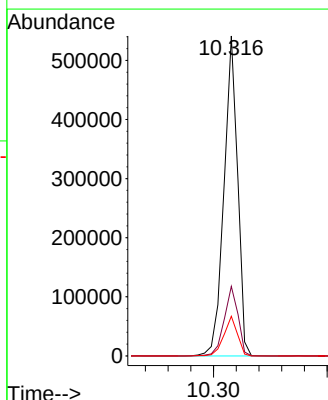
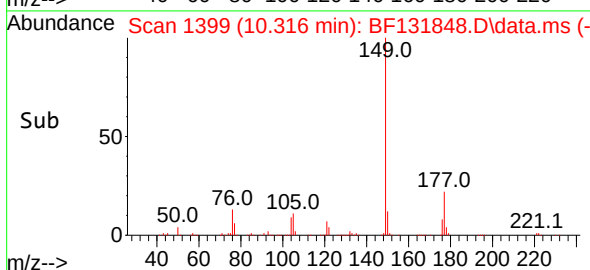
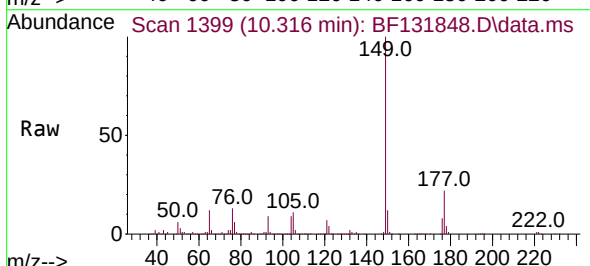
Manual Integrations
APPROVED

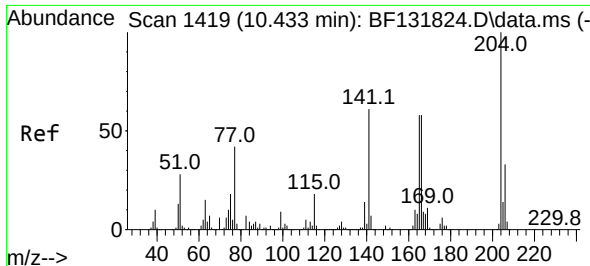
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#60
Diethylphthalate
Concen: 43.289 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

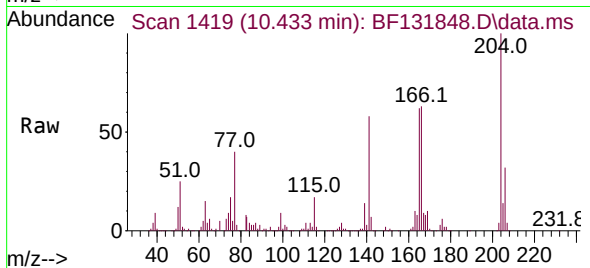
Tgt Ion:149 Resp: 449934
Ion Ratio Lower Upper
149 100
177 21.7 18.1 27.1
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.179 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

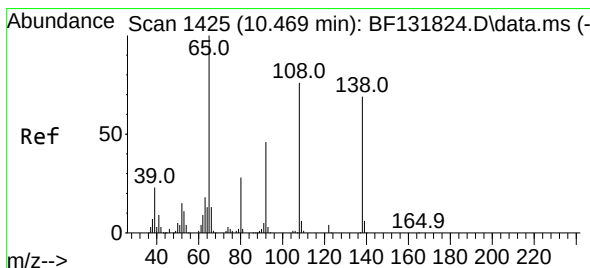
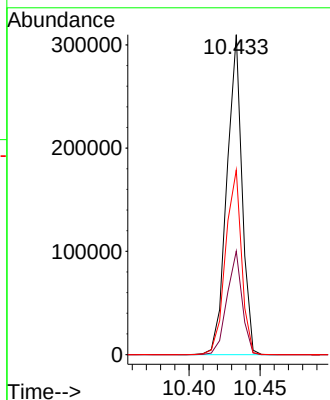
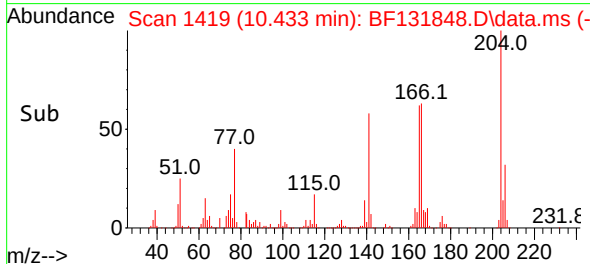
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion:204 Resp: 229397
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 57.7 49.0 73.4

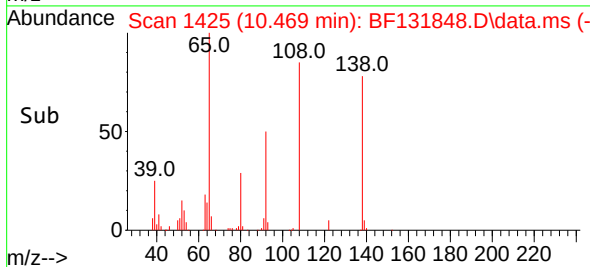
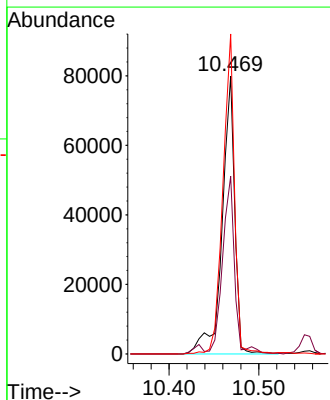
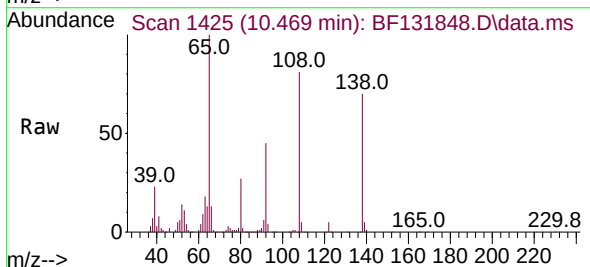
Manual Integrations
APPROVED

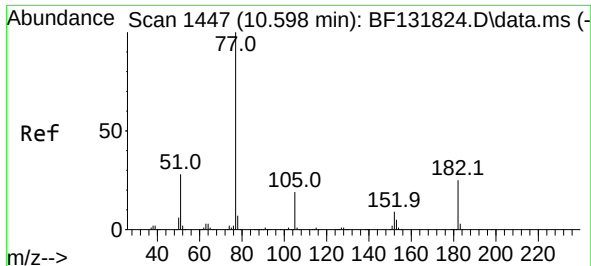
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#62
4-Nitroaniline
Concen: 31.403 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

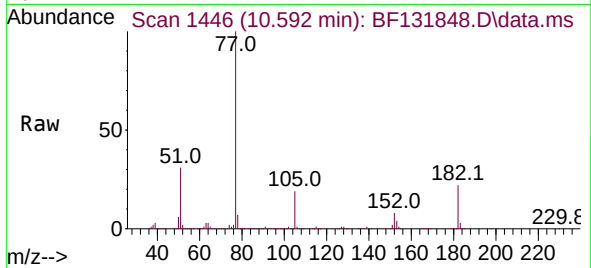
Tgt Ion:138 Resp: 77957
Ion Ratio Lower Upper
138 100
92 64.0 47.2 87.2
108 115.2 89.2 129.2





#63
Azobenzene
Concen: 46.526 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

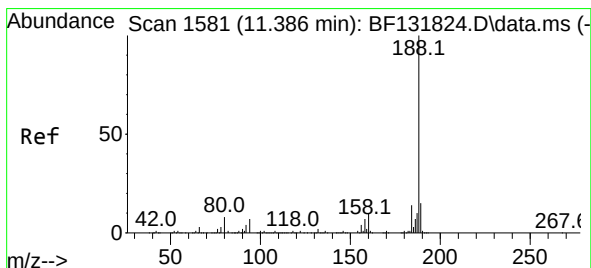
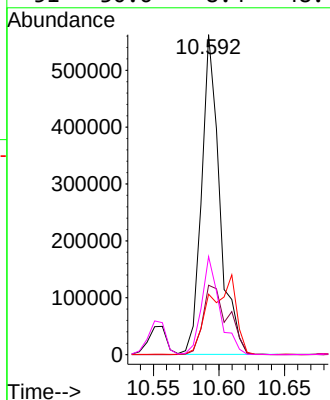
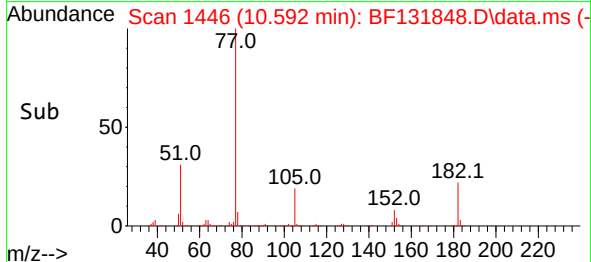
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



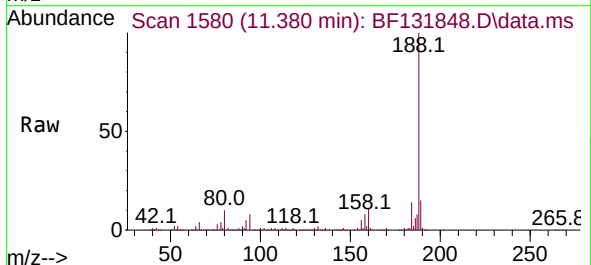
Tgt Ion: 77 Resp: 536678
Ion Ratio Lower Upper
77 100
182 21.7 5.0 45.0
105 18.9 0.0 39.4
51 30.6 8.4 48.4

Manual Integrations
APPROVED

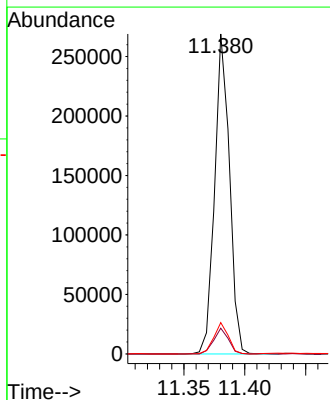
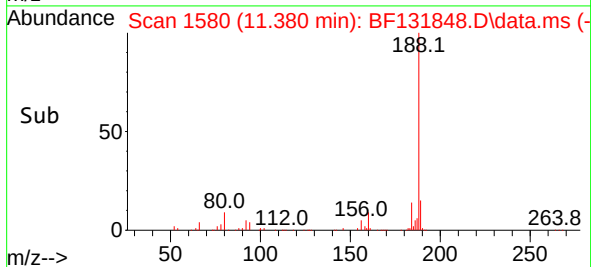
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

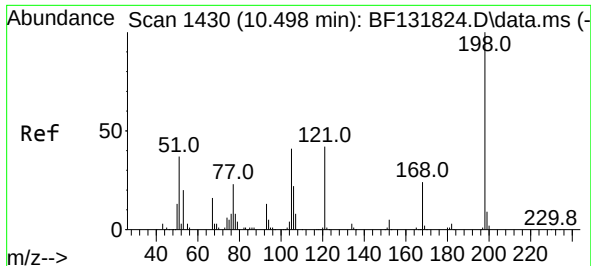


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



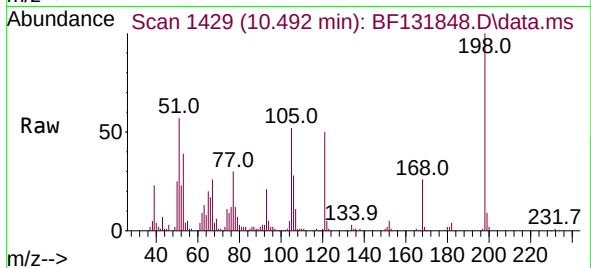
Tgt Ion:188 Resp: 228356
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 9.8 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 32.106 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

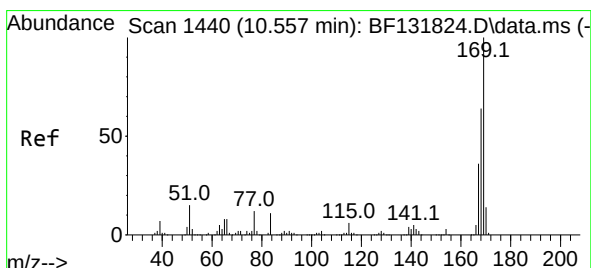
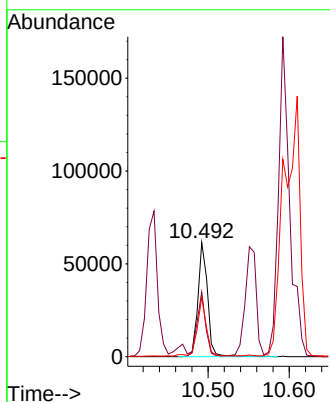
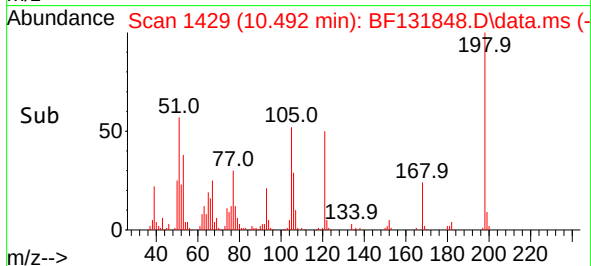
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion:198 Resp: 49918
Ion Ratio Lower Upper
198 100
51 56.6 21.6 61.6
105 52.0 22.0 62.0

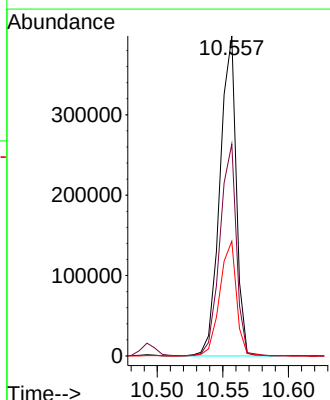
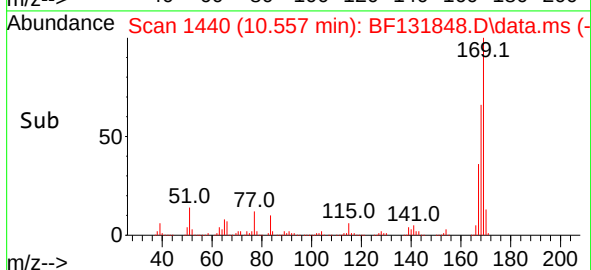
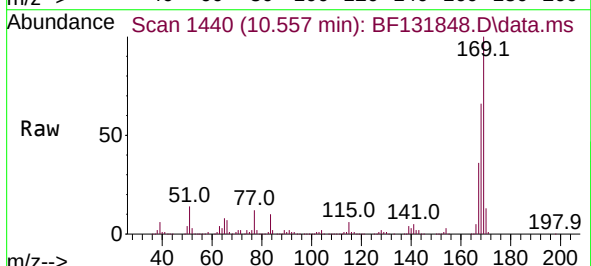
Manual Integrations
APPROVED

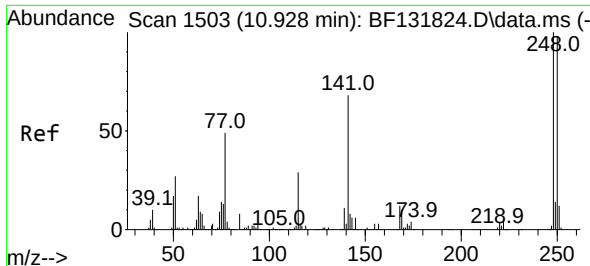
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#66
n-Nitrosodiphenylamine
Concen: 49.768 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

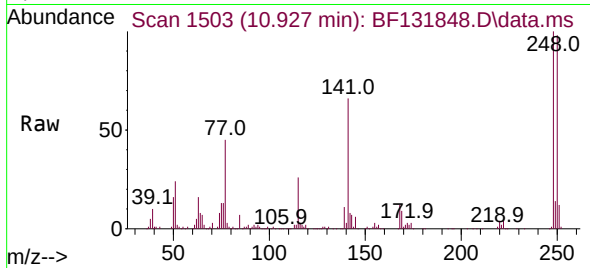
Tgt Ion:169 Resp: 346673
Ion Ratio Lower Upper
169 100
168 66.2 51.5 77.3
167 35.8 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 48.510 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

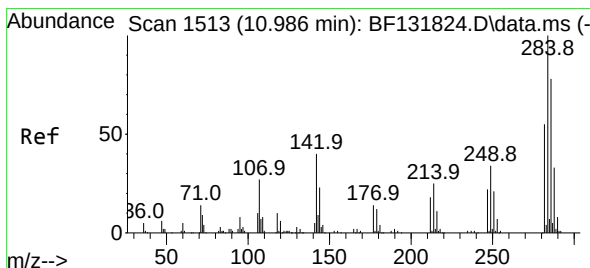
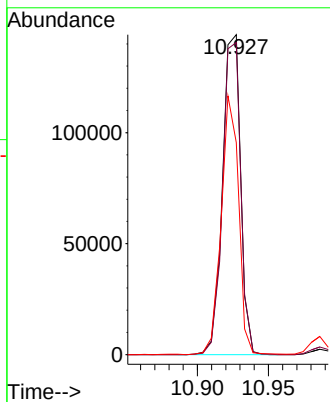
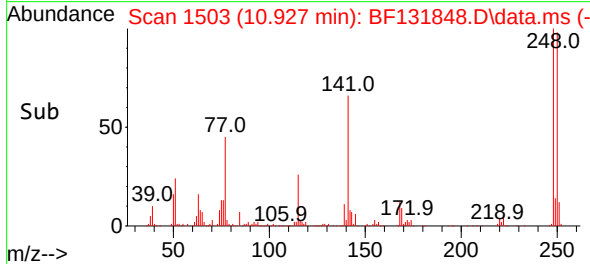
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



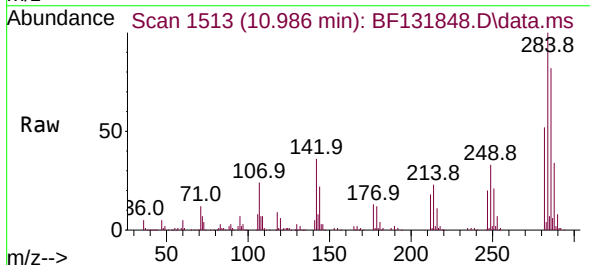
Tgt Ion:248 Resp: 128390
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 66.3 54.8 82.2

Manual Integrations
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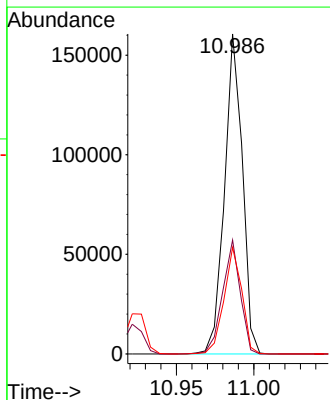
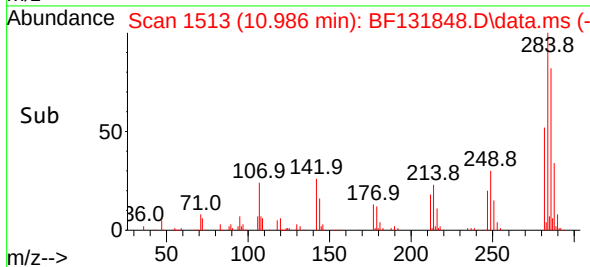
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

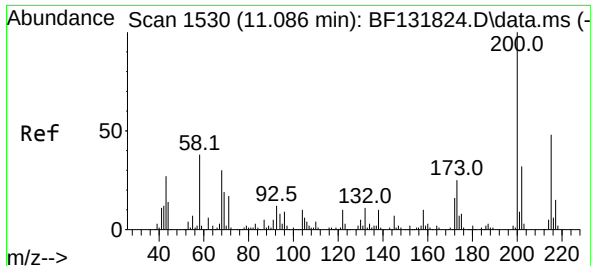


#68
Hexachlorobenzene
Concen: 44.575 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



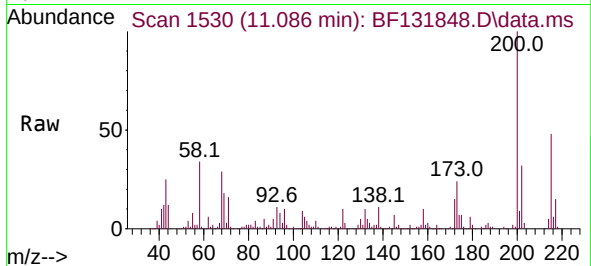
Tgt Ion:284 Resp: 129597
Ion Ratio Lower Upper
284 100
142 35.6 31.6 47.4
249 33.3 26.9 40.3





#69
Atrazine
Concen: 53.398 ng
RT: 11.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

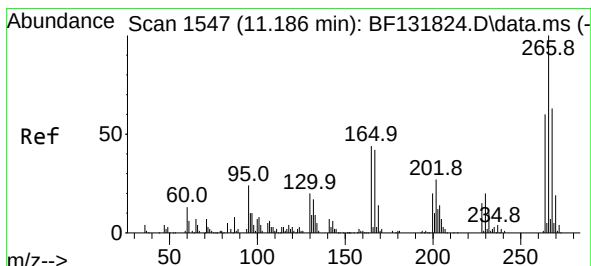
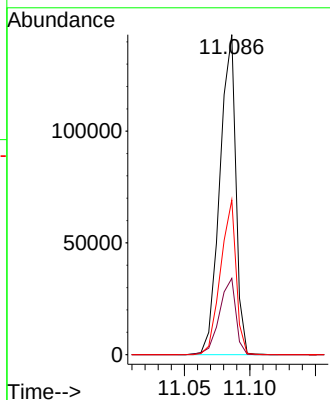
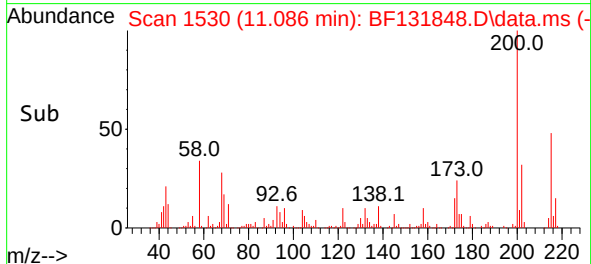
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



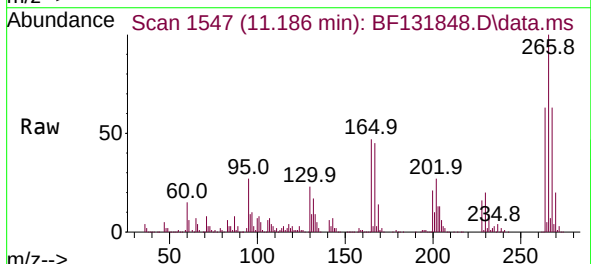
Tgt Ion:200 Resp: 12245
Ion Ratio Lower Upper
200 100
173 23.8 4.5 44.5
215 48.3 28.5 68.5

Manual Integrations
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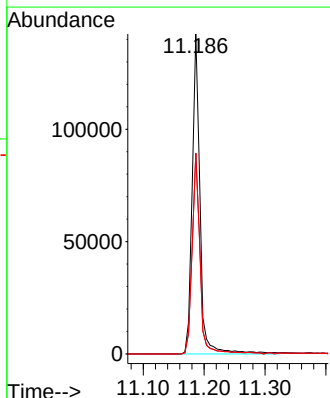
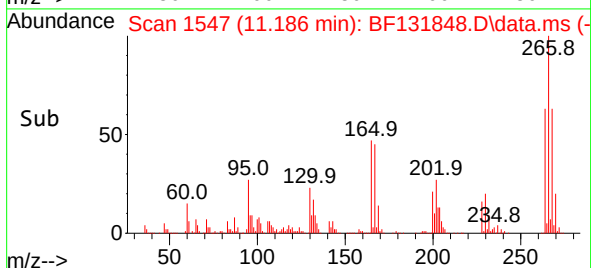
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

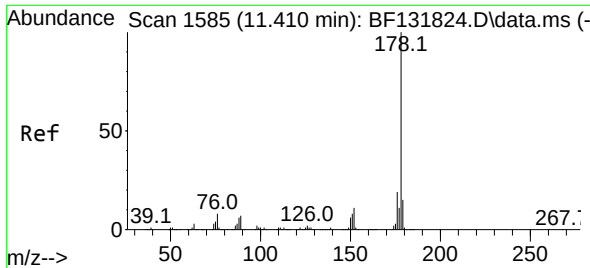


#70
Pentachlorophenol
Concen: 88.696 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



Tgt Ion:266 Resp: 127603
Ion Ratio Lower Upper
266 100
268 62.8 50.5 75.7
264 62.7 48.3 72.5





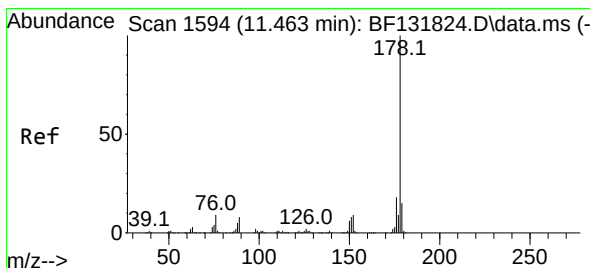
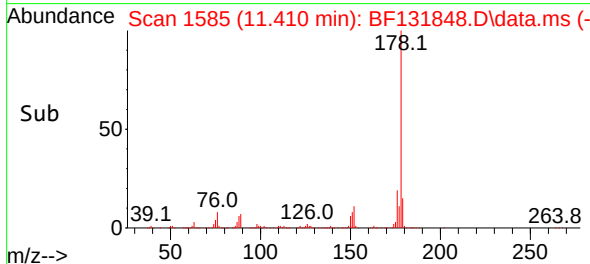
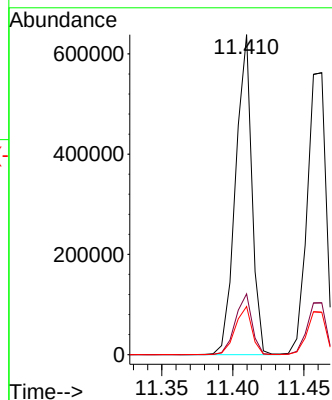
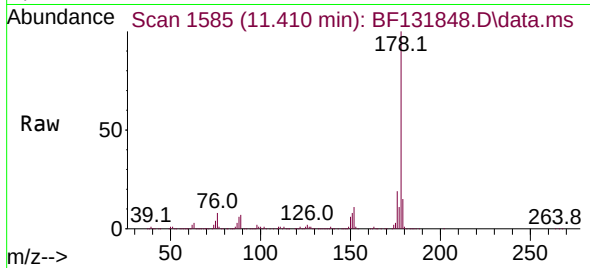
#71
Phenanthrene
Concen: 40.367 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD

Tgt Ion:178 Resp: 506916
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.0 12.2 18.4

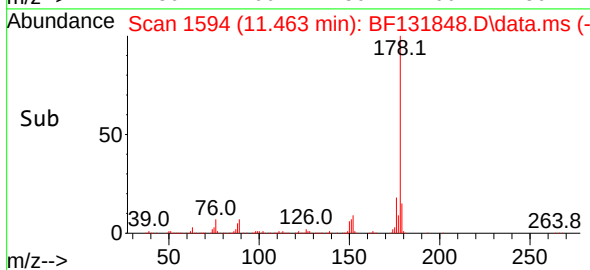
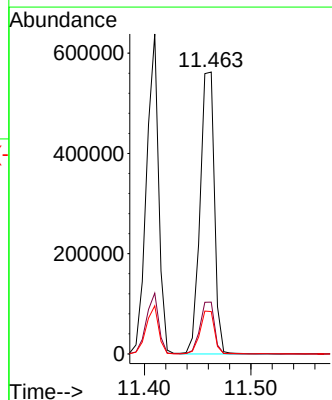
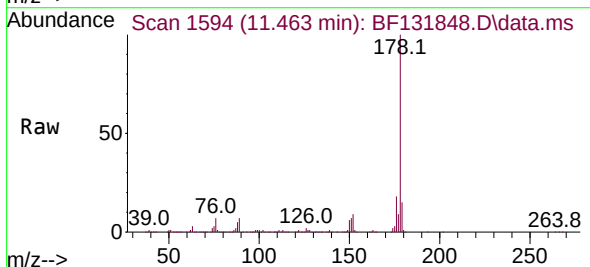
Manual Integrations
APPROVED

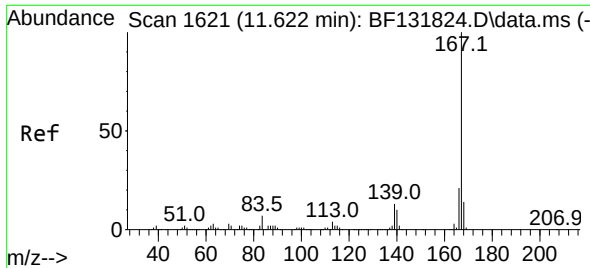
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#72
Anthracene
Concen: 42.491 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

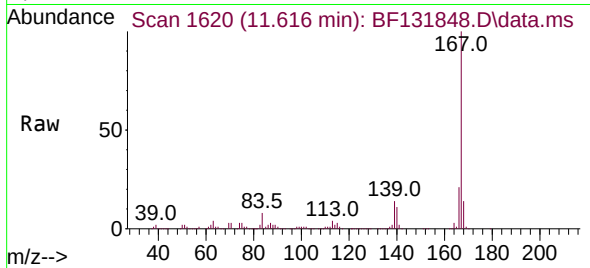
Tgt Ion:178 Resp: 521975
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.0 12.2 18.2





#73
Carbazole
Concen: 39.264 ng
RT: 11.616 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

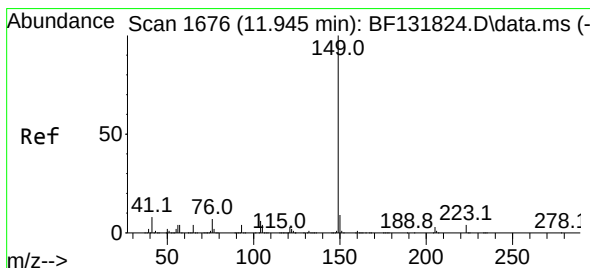
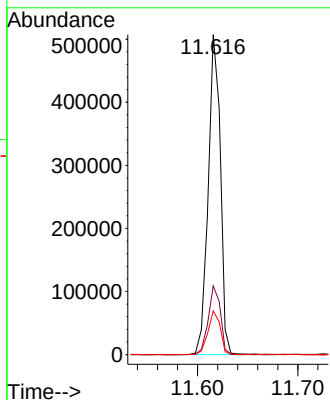
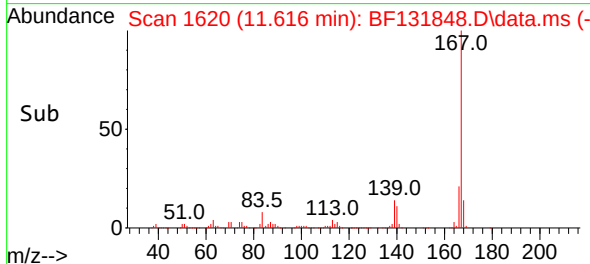
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



Tgt Ion:167 Resp: 425808
Ion Ratio Lower Upper
167 100
166 21.5 16.6 24.8
139 13.7 10.6 15.8

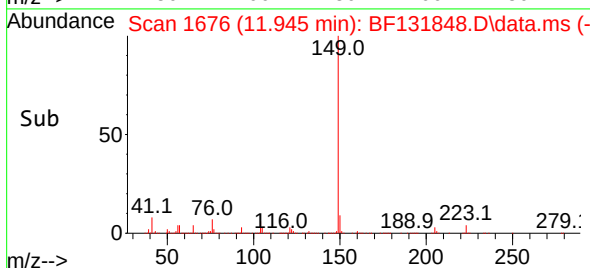
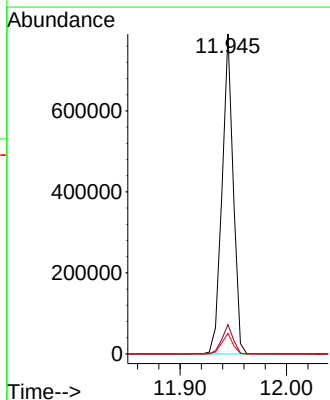
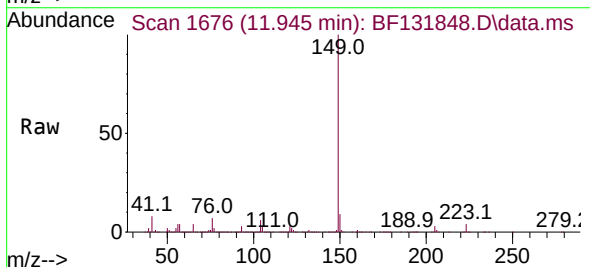
Manual Integrations
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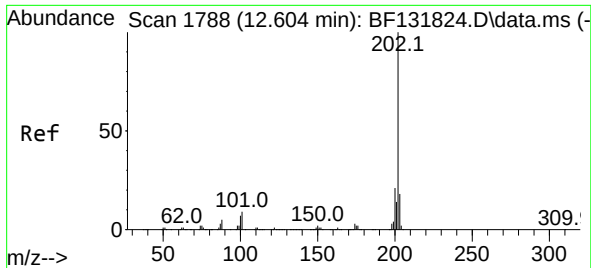
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#74
Di-n-butylphthalate
Concen: 43.955 ng
RT: 11.945 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Tgt Ion:149 Resp: 576175
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 6.4 5.1 7.7





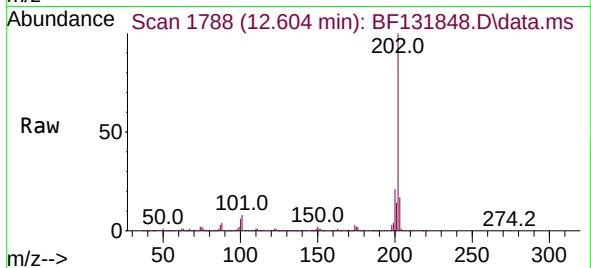
#75
Fluoranthene
Concen: 33.285 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD

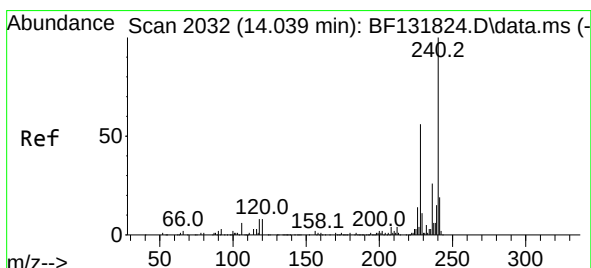
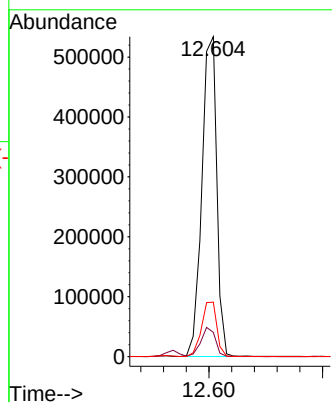
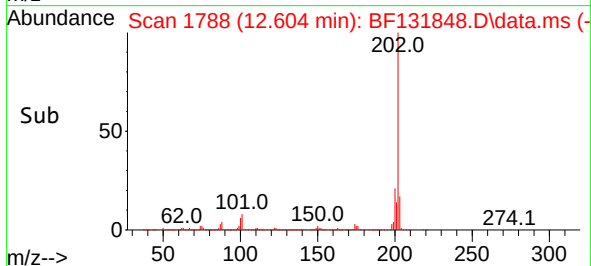


Tgt Ion:202 Resp: 486866
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.6
203 17.0 0.0 37.8

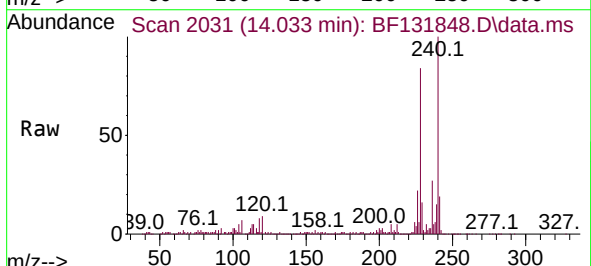
Manual Integrations

APPROVED

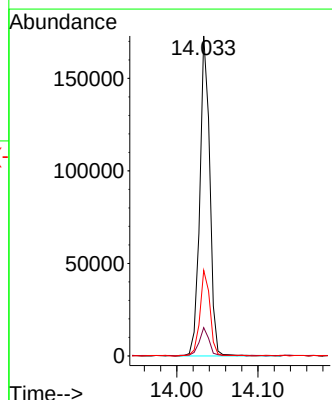
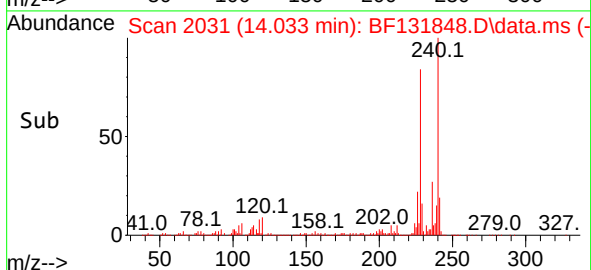
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

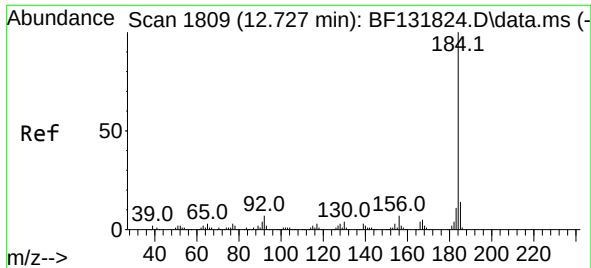


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



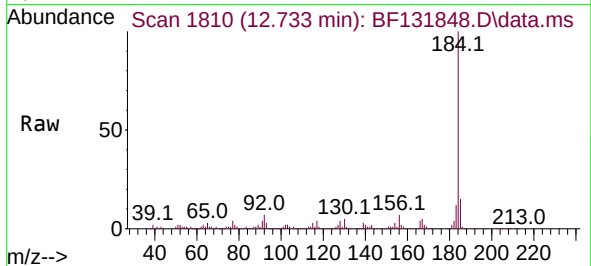
Tgt Ion:240 Resp: 146879
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 26.7 20.6 31.0





#77
Benzidine
Concen: 87.169 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

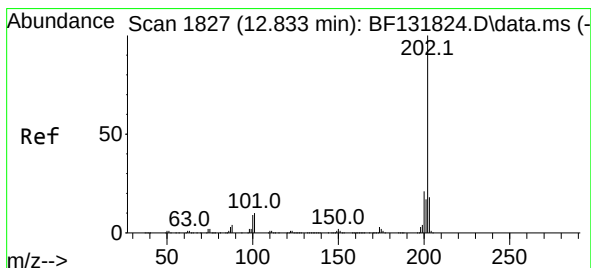
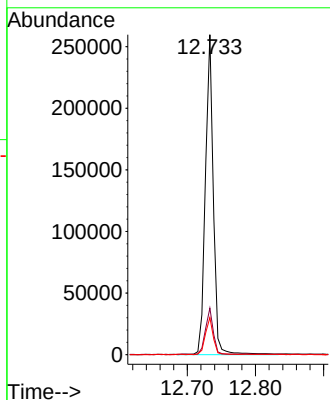
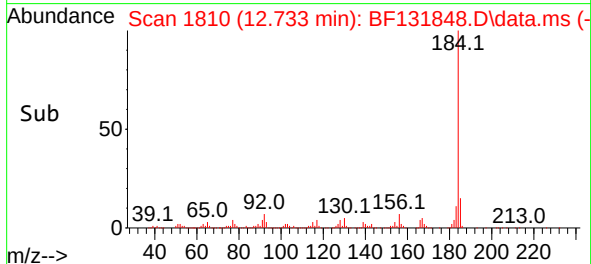
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



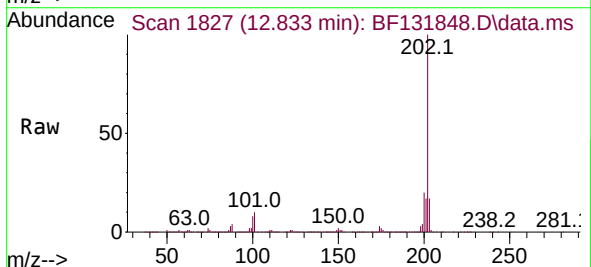
Tgt Ion:184 Resp: 210404
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.6 9.0 13.4

Manual Integrations
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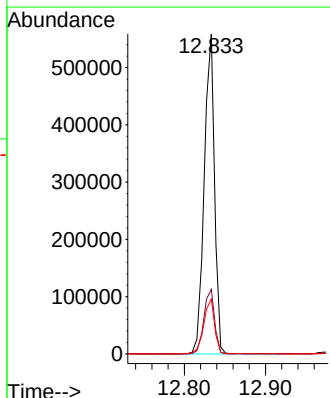
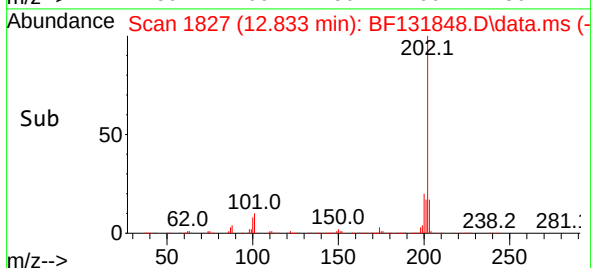
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

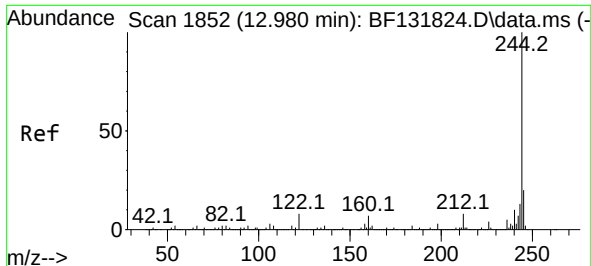


#78
Pyrene
Concen: 40.179 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



Tgt Ion:202 Resp: 494633
Ion Ratio Lower Upper
202 100
200 20.2 16.7 25.1
203 17.1 14.4 21.6





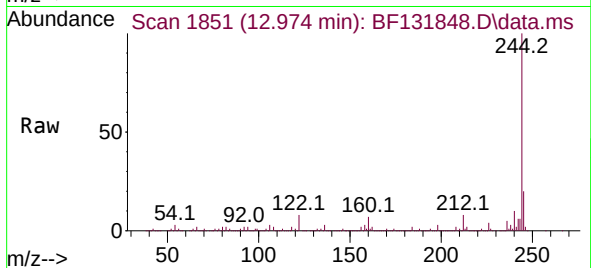
#79
 Terphenyl-d14
 Concen: 75.165 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131848.D
 Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD

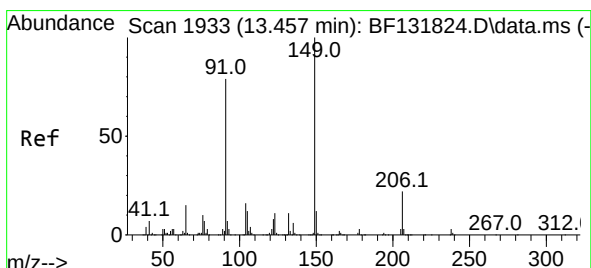
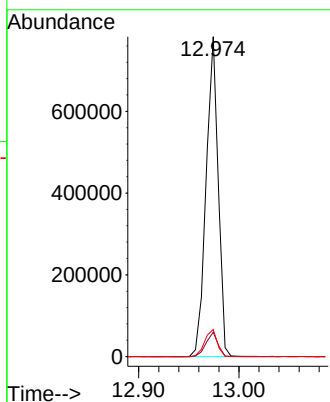
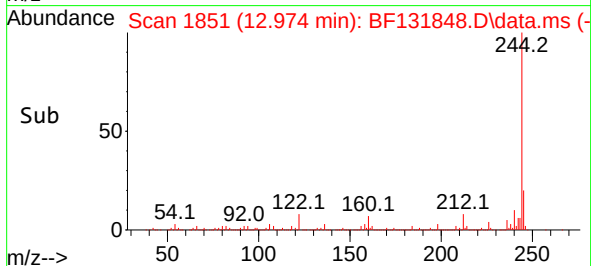


Tgt Ion:244 Resp: 652679
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.5 6.4 9.6

Manual Integrations

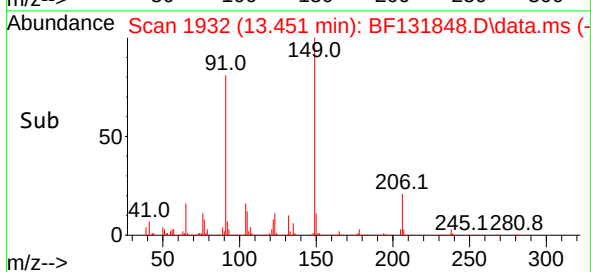
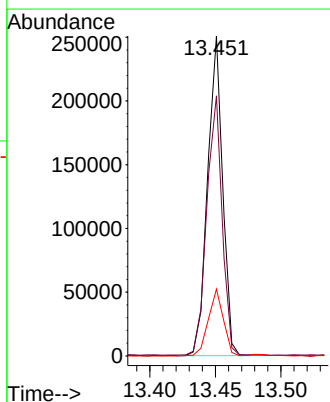
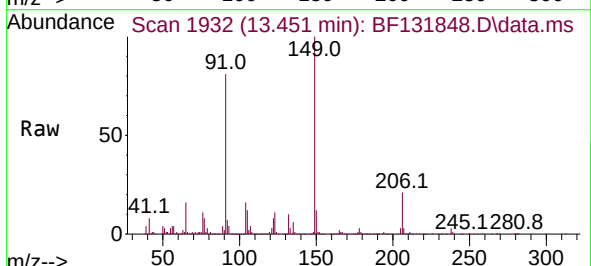
APPROVED

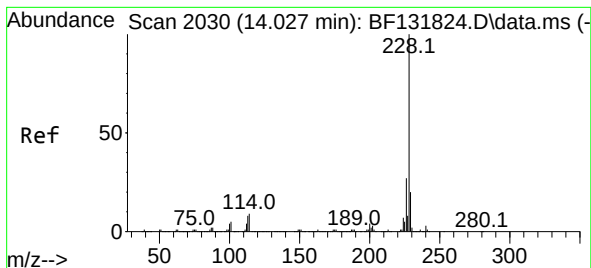
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022



#80
 Butylbenzylphthalate
 Concen: 43.837 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF131848.D
 Acq: 27 Dec 2022 21:05

Tgt Ion:149 Resp: 200169
 Ion Ratio Lower Upper
 149 100
 91 81.3 63.2 94.8
 206 20.9 17.9 26.9





#81

Benzo(a)anthracene

Concen: 42.548 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF131848.D

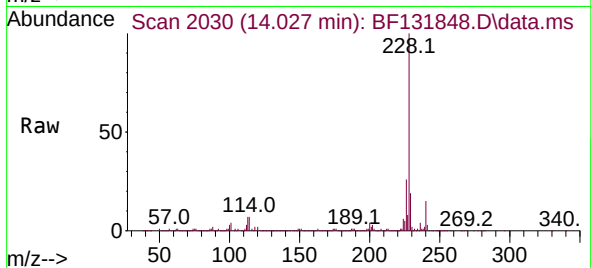
Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD



Tgt Ion:228 Resp: 452472

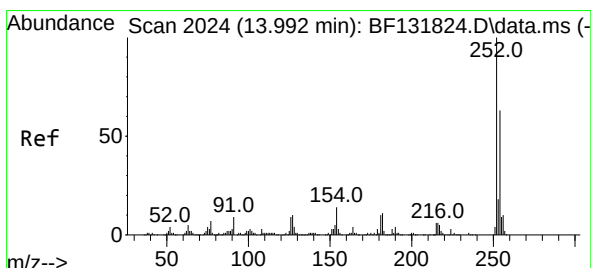
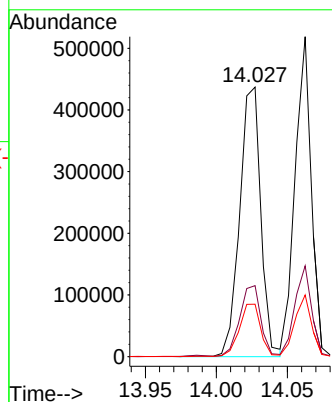
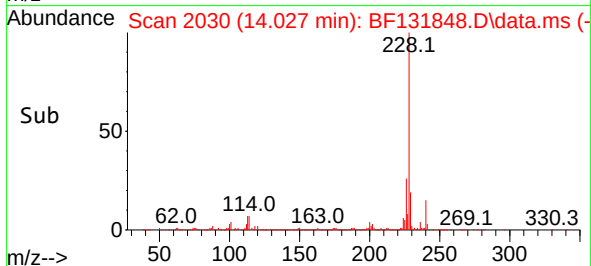
Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.0	33.0
229	19.4	16.0	24.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#82

3,3'-Dichlorobenzidine

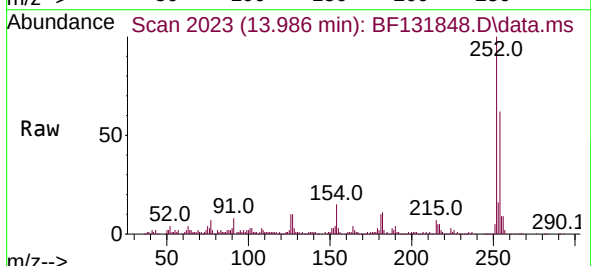
Concen: 27.573 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

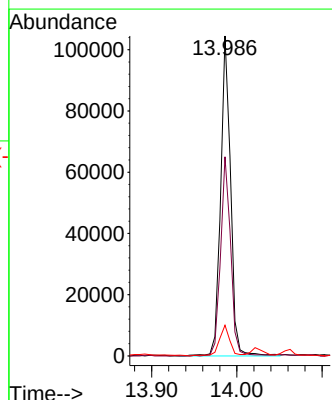
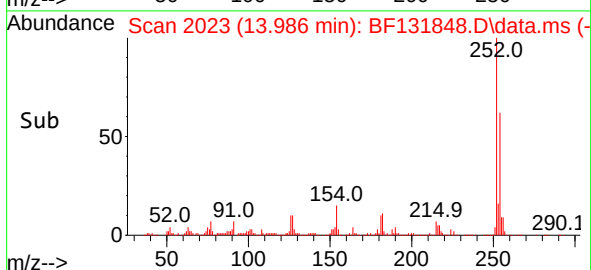
Lab File: BF131848.D

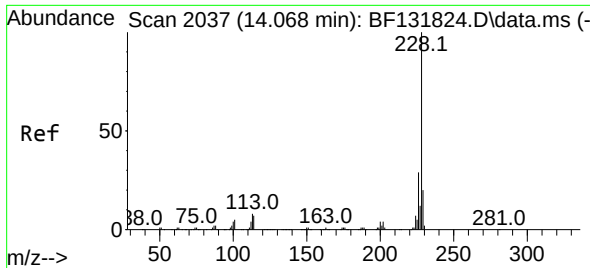
Acq: 27 Dec 2022 21:05



Tgt Ion:252 Resp: 84751

Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.4	75.6
126	9.6	7.5	11.3





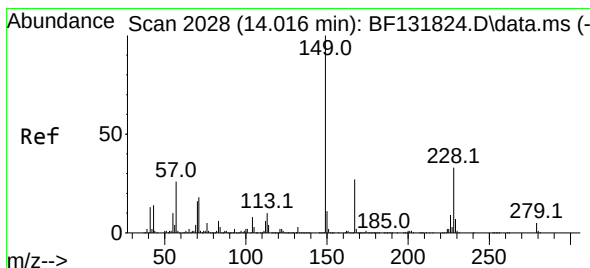
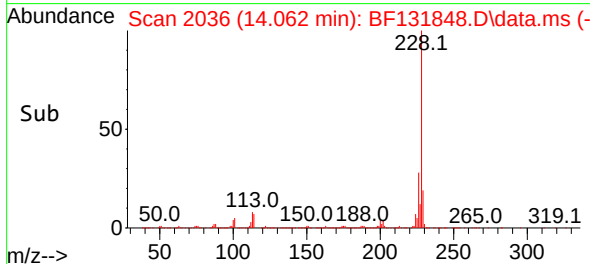
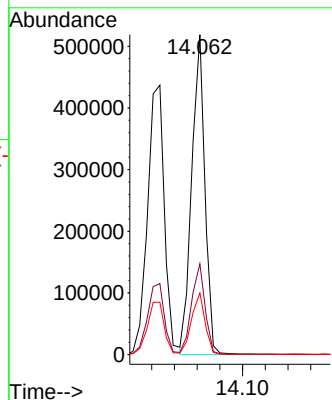
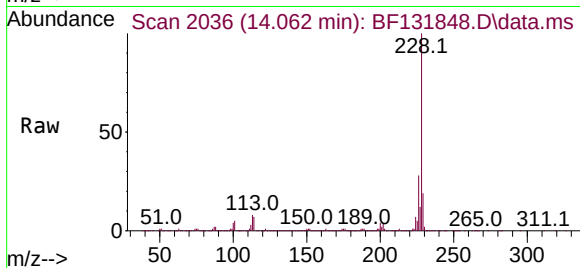
#83
Chrysene
Concen: 41.683 ng
RT: 14.062 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD

Tgt Ion:228 Resp: 416547
Ion Ratio Lower Upper
228 100
226 28.4 23.5 35.3
229 19.3 16.2 24.2

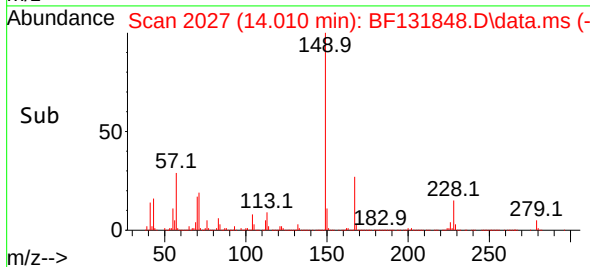
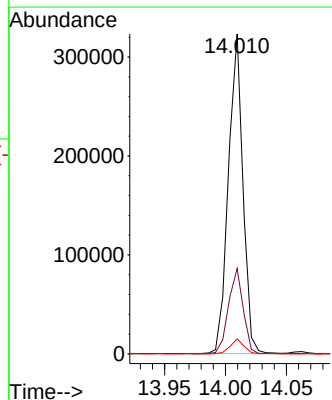
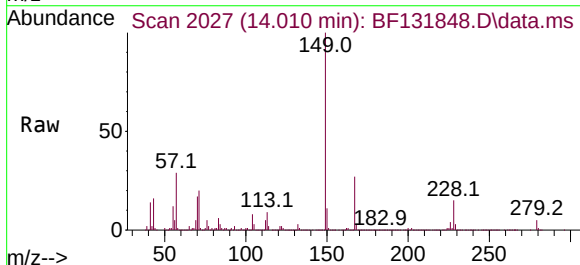
Manual Integrations
APPROVED

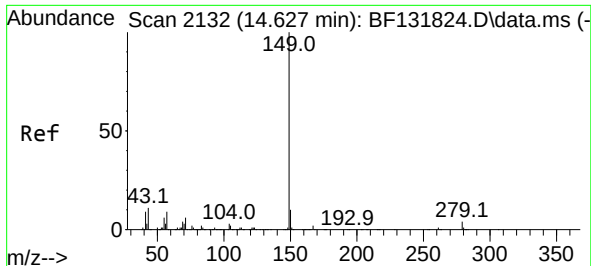
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.117 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

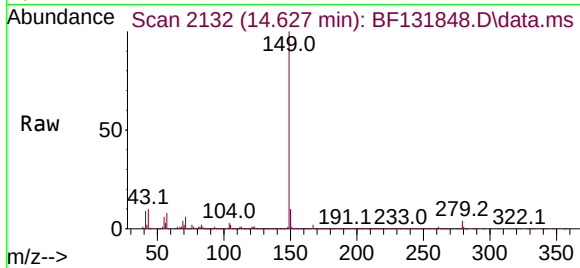
Tgt Ion:149 Resp: 267522
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.6
279 4.7 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 61.746 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

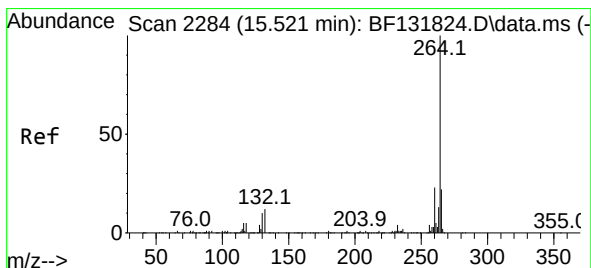
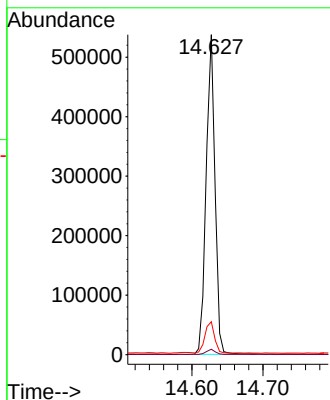
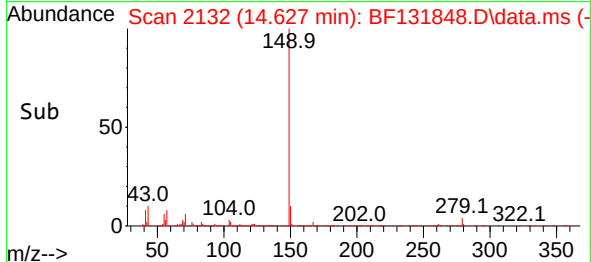
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



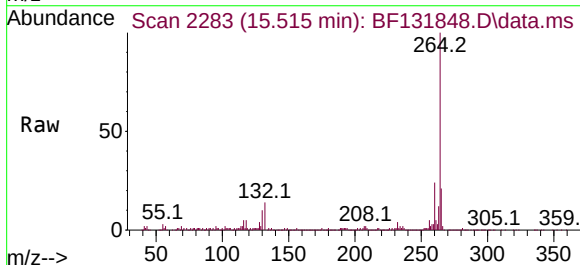
Tgt Ion:149 Resp: 462136
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.1 12.1

Manual Integrations
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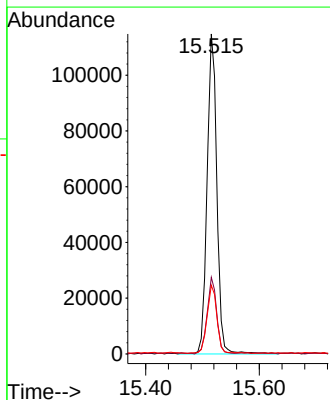
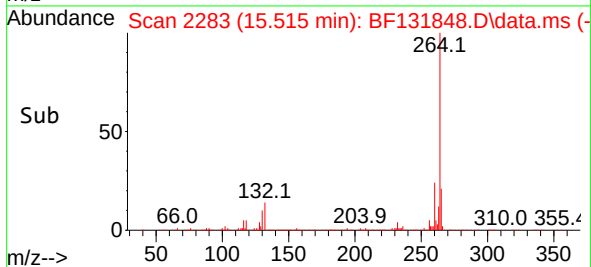
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

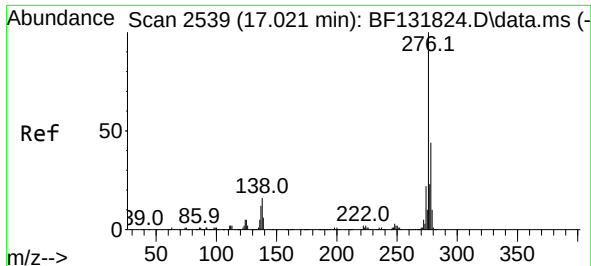


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



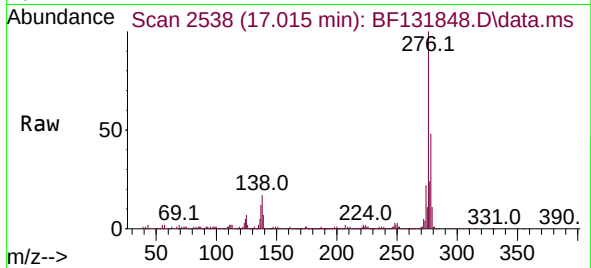
Tgt Ion:264 Resp: 137893
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.772 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

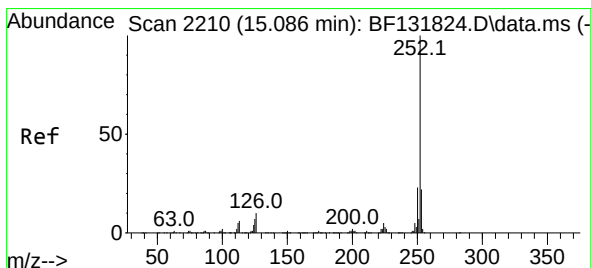
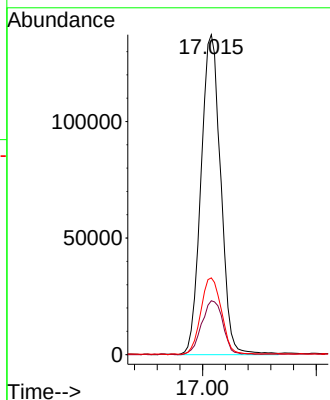
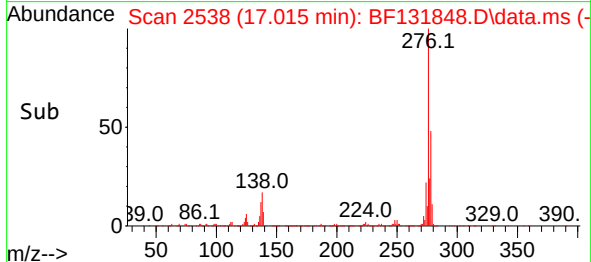
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD



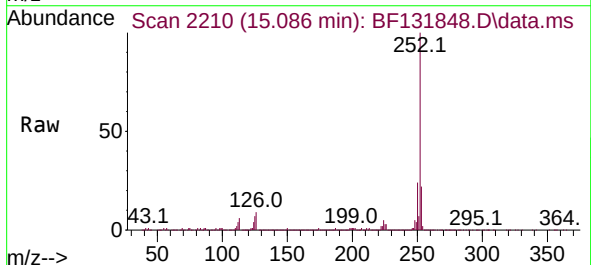
Tgt Ion:276 Resp: 330899
Ion Ratio Lower Upper
276 100
138 18.3 14.5 21.7
277 24.9 19.7 29.5

Manual Integrations
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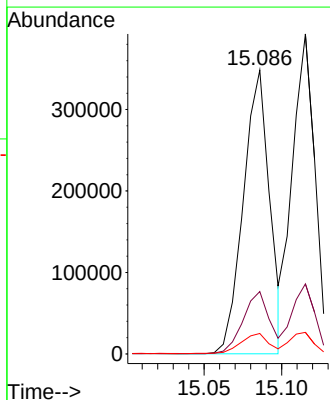
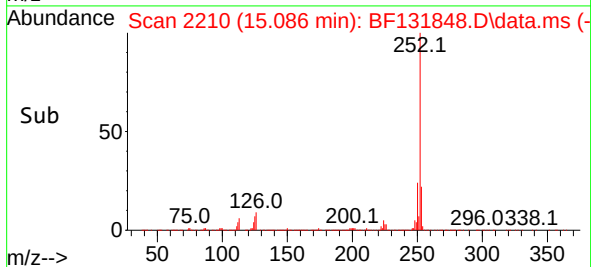
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

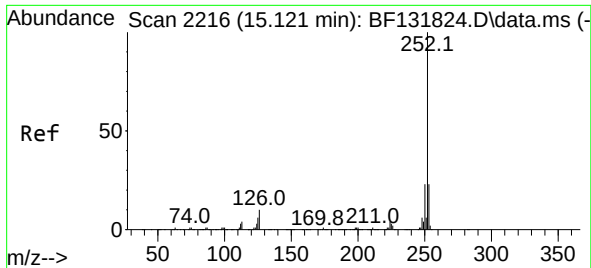


#88
Benzo(b)fluoranthene
Concen: 40.648 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05



Tgt Ion:252 Resp: 410989
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.2 5.8 8.8





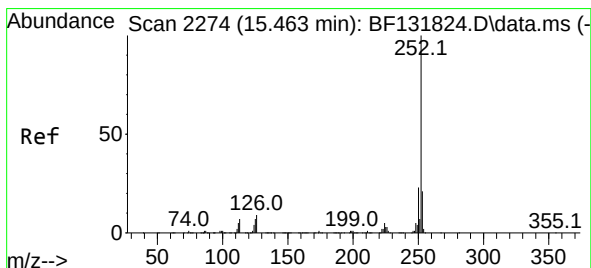
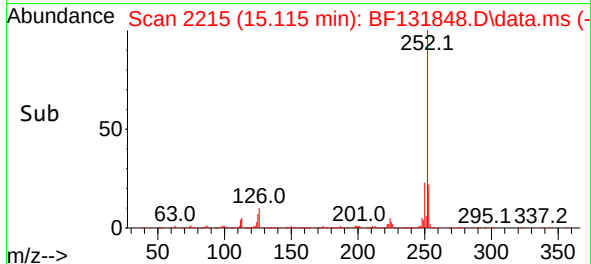
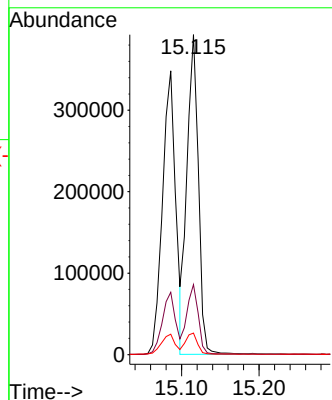
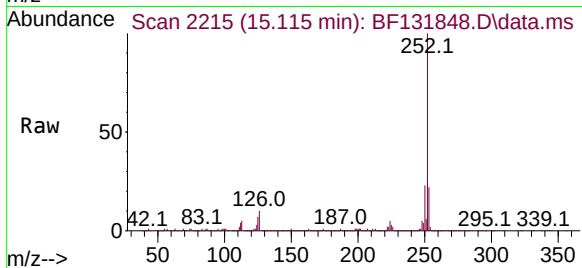
#89
Benzo(k)fluoranthene
Concen: 41.195 ng
RT: 15.115 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MSD

Tgt Ion:252 Resp: 40244
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 6.7 5.4 8.0

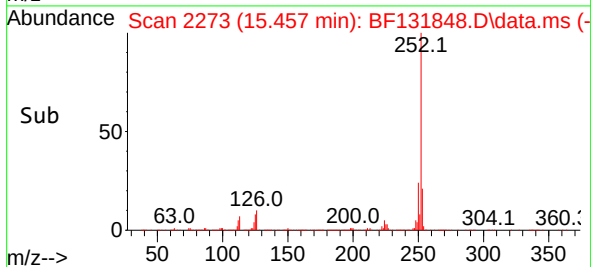
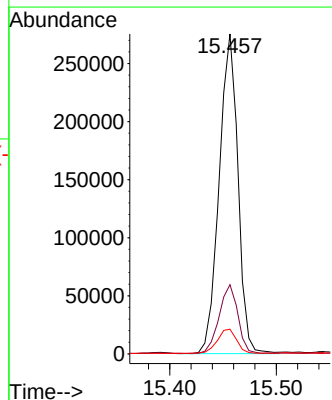
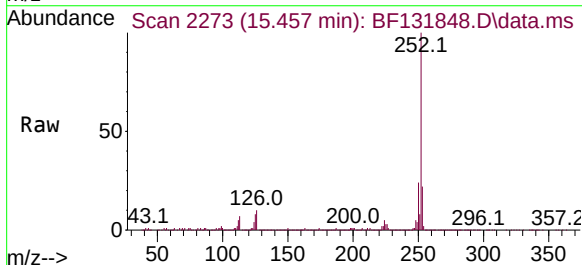
Manual Integrations
APPROVED

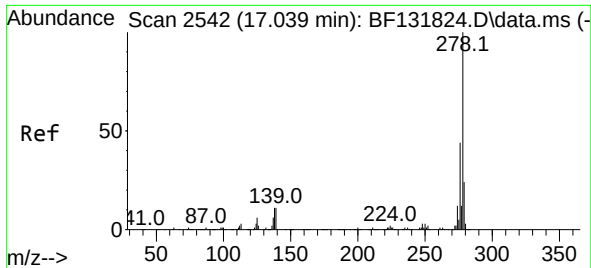
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#90
Benzo(a)pyrene
Concen: 43.179 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF131848.D
Acq: 27 Dec 2022 21:05

Tgt Ion:252 Resp: 338003
Ion Ratio Lower Upper
252 100
253 21.6 16.6 24.8
125 7.7 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 38.895 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131848.D

Acq: 27 Dec 2022 21:05

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MSD

Tgt Ion:278 Resp: 27910

Ion Ratio Lower Upper

278 100

139 11.9 8.6 12.8

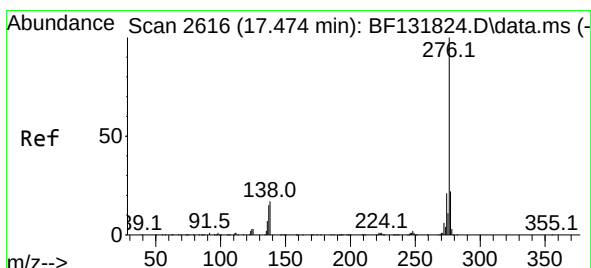
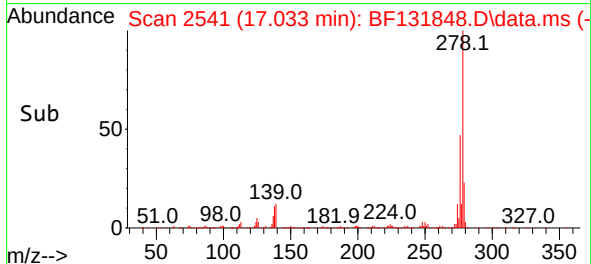
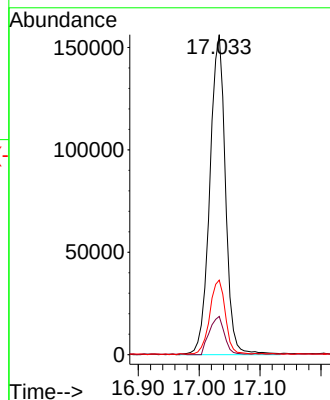
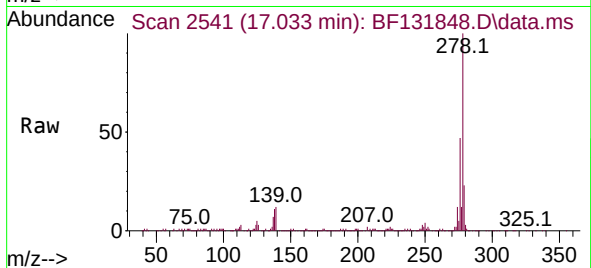
279 23.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#92

Benzo(g,h,i)perylene

Concen: 31.678 ng

RT: 17.468 min Scan# 2615

Delta R.T. -0.006 min

Lab File: BF131848.D

Acq: 27 Dec 2022 21:05

Tgt Ion:276 Resp: 251861

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 15.7 13.7 20.5

