

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126519.D
 Acq On : 6 Jan 2022 15:50
 Operator : JU/CG
 Sample : N1014-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11944MSD

Quant Time: Jan 07 08:32:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/07/2022
 Supervised By : Jagrut Upadhyay 01/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	95947	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	394804	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	177991	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	259807	20.000	ng	0.00
76) Chrysene-d12	13.951	240	135656	20.000	ng	0.00
86) Perylene-d12	15.404	264	164815	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	729600	109.201	ng	0.02
7) Phenol-d6	6.422	99	846579	97.829	ng	0.00
23) Nitrobenzene-d5	7.345	82	629905	81.922	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	183310	133.276	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	884423	87.439	ng	0.00
79) Terphenyl-d14	12.892	244	638152	91.399	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	128004	38.205	ng	# 85
3) Pyridine	3.363	79	196764	21.772	ng	97
4) n-Nitrosodimethylamine	3.287	42	143481	38.615	ng	# 99
6) Aniline	6.445	93	128463	11.938	ng	99
8) 2-Chlorophenol	6.569	128	307566	46.160	ng	94
9) Benzaldehyde	6.334	77	151000	28.187	ng	93
10) Phenol	6.434	94	333955	34.581	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	326297	44.250	ng	94
12) 1,3-Dichlorobenzene	6.722	146	300633	45.152	ng	99
13) 1,4-Dichlorobenzene	6.798	146	304562	45.825	ng	98
14) 1,2-Dichlorobenzene	6.951	146	295345	45.608	ng	97
15) Benzyl Alcohol	6.928	79	260393	43.007	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	507817	43.849	ng	99
17) 2-Methylphenol	7.039	107	240100	40.966	ng	99
18) Hexachloroethane	7.292	117	119184	45.010	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	201308	40.766	ng	95
20) 3+4-Methylphenols	7.192	107	272899	39.109	ng	# 86
22) Acetophenone	7.192	105	409403	44.855	ng	96
24) Nitrobenzene	7.363	77	324304	42.149	ng	97
25) Isophorone	7.604	82	582228	42.299	ng	99
26) 2-Nitrophenol	7.681	139	155796	45.676	ng	97
27) 2,4-Dimethylphenol	7.722	122	267403	50.137	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	383915	42.696	ng	99
29) 2,4-Dichlorophenol	7.922	162	221762	45.537	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	236389	46.574	ng	98
31) Naphthalene	8.086	128	861259	46.218	ng	99
32) Benzoic acid	7.851	122	176828	46.040	ng	95
33) 4-Chloroaniline	8.134	127	70865	9.077	ng	# 92
34) Hexachlorobutadiene	8.204	225	116963	47.412	ng	97
35) Caprolactam	8.498	113	61596m	49.718	ng	
36) 4-Chloro-3-methylphenol	8.622	107	252367	42.462	ng	98
37) 2-Methylnaphthalene	8.781	142	544358	49.519	ng	99
38) 1-Methylnaphthalene	8.875	142	503169	47.343	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	189334	48.952	ng	98
41) Hexachlorocyclopentadiene	8.933	237	205777	130.676	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	135254	47.286	ng	98

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Instrument :
 BNA_F
 ClientSampleId :
 72-11944MSD

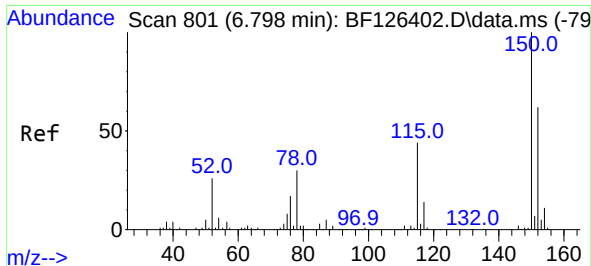
Manual Integrations
 APPROVED

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
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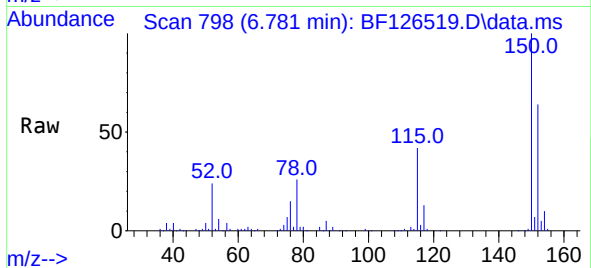
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	141521	45.966	ng	98
46) 1,1'-Biphenyl	9.245	154	628792	48.166	ng	99
47) 2-Chloronaphthalene	9.269	162	465104	47.038	ng	99
48) 2-Nitroaniline	9.363	65	155661	38.985	ng	90
49) Acenaphthylene	9.680	152	710375	47.369	ng	100
50) Dimethylphthalate	9.545	163	499154	44.922	ng	99
51) 2,6-Dinitrotoluene	9.604	165	112907	47.051	ng	98
52) Acenaphthene	9.857	154	495921m	50.441	ng	
53) 3-Nitroaniline	9.775	138	59444	18.067	ng	85
54) 2,4-Dinitrophenol	9.880	184	111591	89.965	ng	95
55) Dibenzofuran	10.028	168	602616	45.340	ng	98
56) 4-Nitrophenol	9.939	139	171305	73.208	ng	96
57) 2,4-Dinitrotoluene	10.010	165	140378	45.342	ng	88
58) Fluorene	10.369	166	428358	45.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	106698	48.283	ng	91
60) Diethylphthalate	10.245	149	463378	43.270	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	185827	45.313	ng	96
62) 4-Nitroaniline	10.386	138	115819	37.376	ng	95
63) Azobenzene	10.522	77	548847	39.790	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	68001	48.333	ng	86
66) n-Nitrosodiphenylamine	10.480	169	389630	48.338	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	114939	49.842	ng	96
68) Hexachlorobenzene	10.916	284	138675	51.699	ng	98
69) Atrazine	11.010	200	104394	75.213	ng	99
70) Pentachlorophenol	11.116	266	135678	104.070	ng	98
71) Phenanthrene	11.333	178	617797	46.512	ng	99
72) Anthracene	11.380	178	640562	48.196	ng	99
73) Carbazole	11.539	167	552961	42.488	ng	98
74) Di-n-butylphthalate	11.874	149	659262	44.494	ng	100
75) Fluoranthene	12.521	202	538585	44.427	ng	97
77) Benzidine	12.639	184	48276	18.555	ng	99
78) Pyrene	12.745	202	539996	47.103	ng	99
80) Butylbenzylphthalate	13.368	149	217589	42.833	ng	96
81) Benzo(a)anthracene	13.939	228	352426	45.174	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	107082	29.421	ng	# 97
83) Chrysene	13.974	228	374581	46.809	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	251789	47.826	ng	99
85) Di-n-octyl phthalate	14.563	149	458766	50.246	ng	96
87) Indeno(1,2,3-cd)pyrene	16.839	276	557731	50.564	ng	96
88) Benzo(b)fluoranthene	14.992	252	431437	43.942	ng	97
89) Benzo(k)fluoranthene	15.021	252	419478	44.104	ng	97
90) Benzo(a)pyrene	15.345	252	440523	53.510	ng	98
91) Dibenzo(a,h)anthracene	16.856	278	463370	52.061	ng	97
92) Benzo(g,h,i)perylene	17.268	276	500278	52.786	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

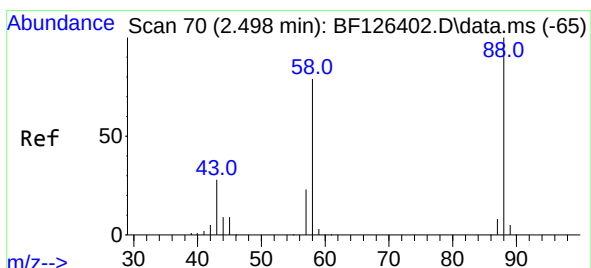
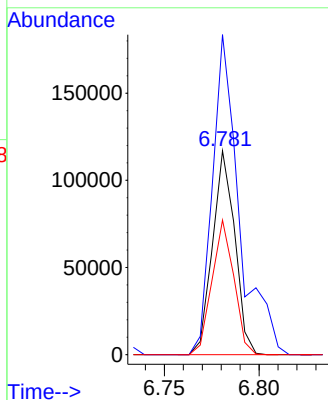
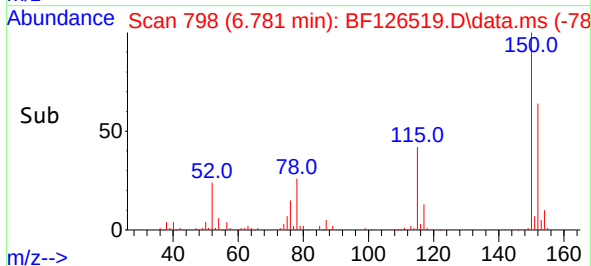
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



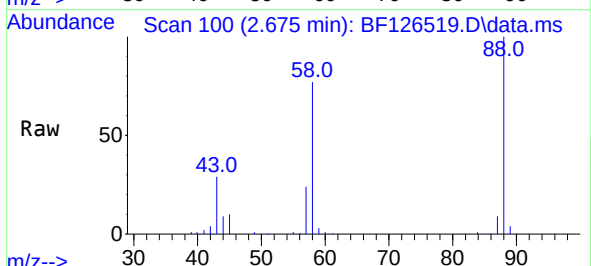
Tgt Ion:152 Resp: 9594
Ion Ratio Lower Upper
152 100
150 157.0 128.1 192.1
115 66.0 56.7 85.1

Manual Integrations
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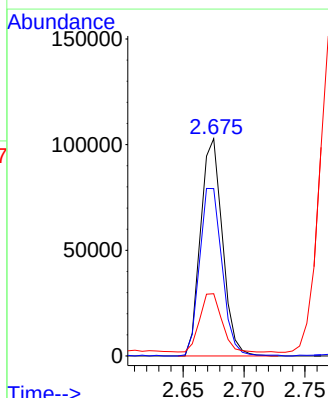
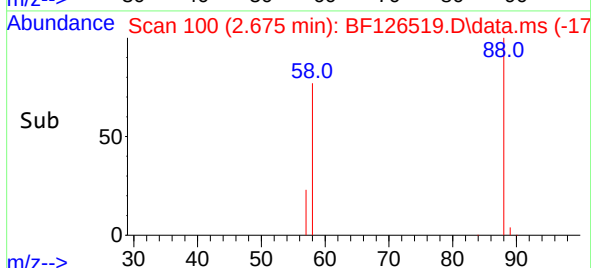
Reviewed By :Christian Giraldo 01/07/2022
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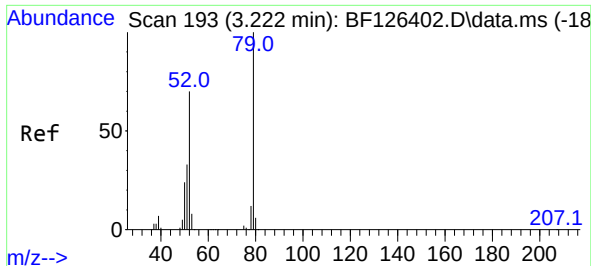


#2
1,4-Dioxane
Concen: 38.205 ng
RT: 2.675 min Scan# 100
Delta R.T. 0.188 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



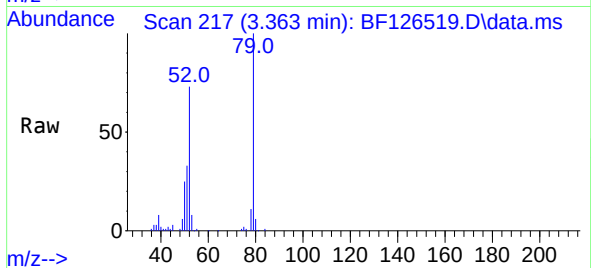
Tgt Ion: 88 Resp: 128004
Ion Ratio Lower Upper
88 100
58 79.7 62.8 94.2
43 0.0 22.3 33.5#





#3
Pyridine
Concen: 21.772 ng
RT: 3.363 min Scan# 21
Delta R.T. 0.153 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

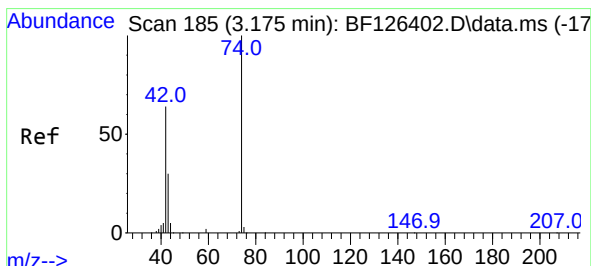
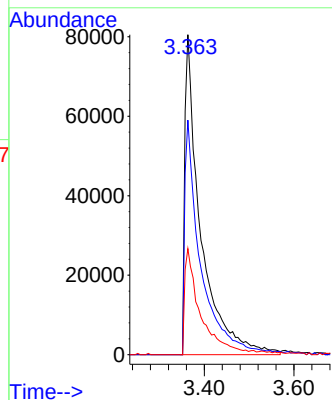
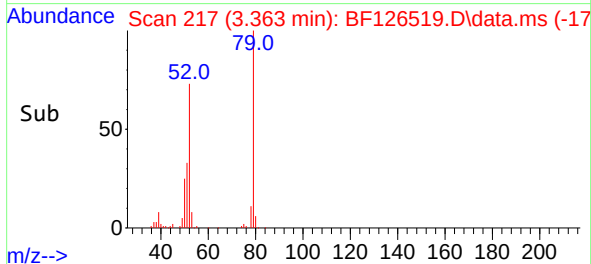
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



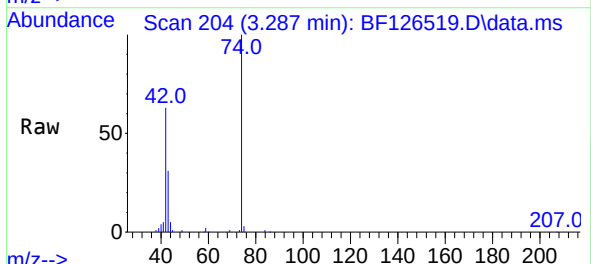
Tgt Ion: 79 Resp: 196764
Ion Ratio Lower Upper
79 100
52 73.3 56.2 84.4
51 33.2 26.7 40.1

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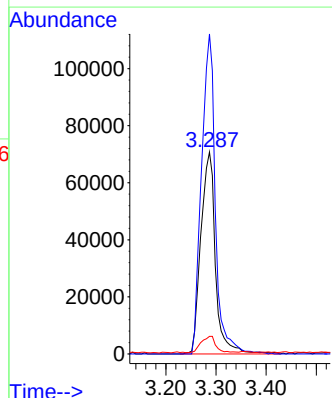
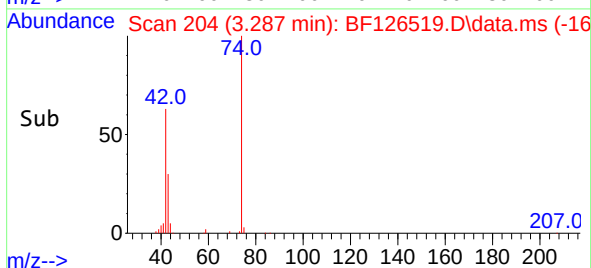
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

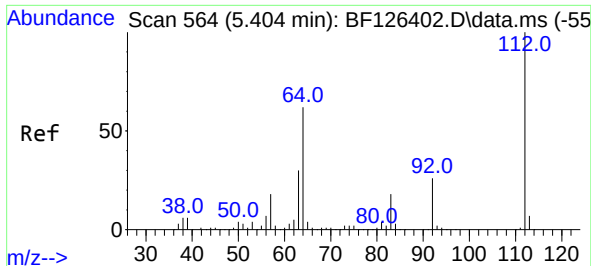


#4
n-Nitrosodimethylamine
Concen: 38.615 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.124 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion: 42 Resp: 143481
Ion Ratio Lower Upper
42 100
74 158.5 125.6 188.4
44 8.7 5.7 8.5





#5
2-Fluorophenol
Concen: 109.201 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

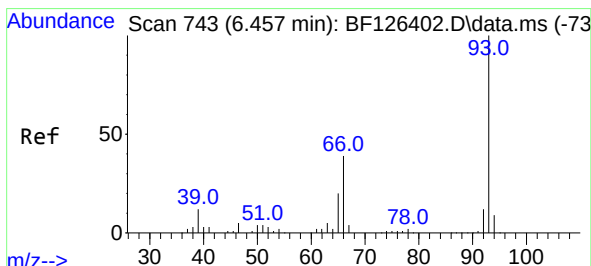
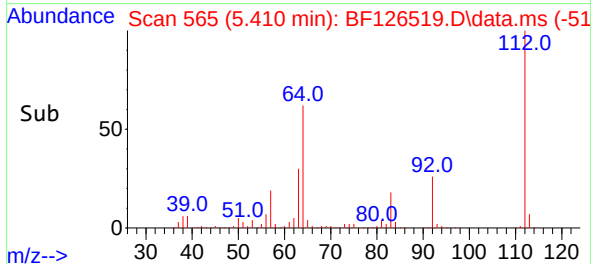
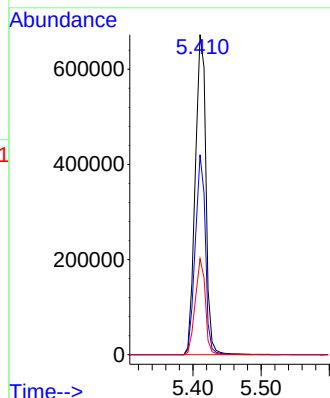
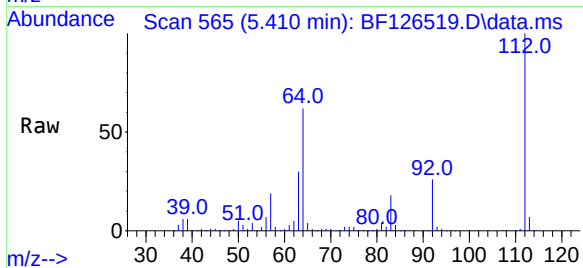
72-11944MSD

Tgt Ion:112 Resp: 729600
Ion Ratio Lower Upper
112 100
64 62.5 49.5 74.3
63 30.0 23.9 35.9

Manual Integrations

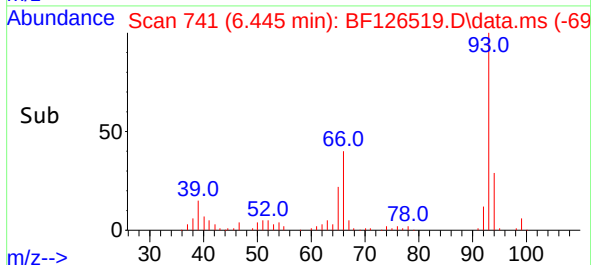
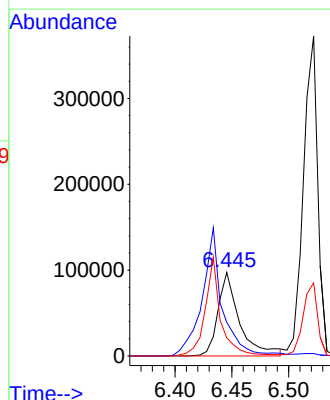
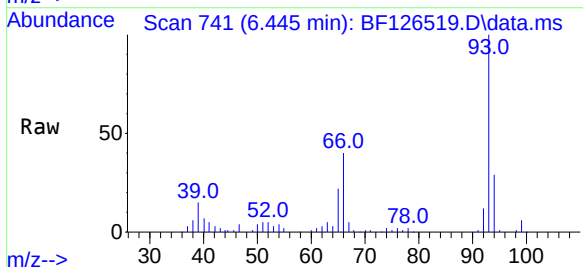
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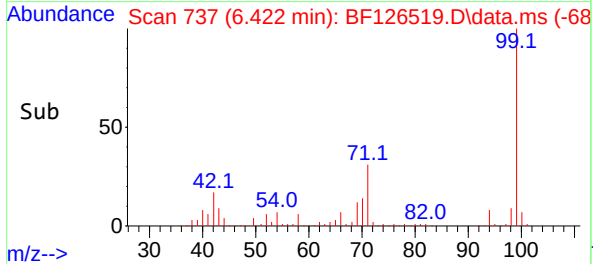
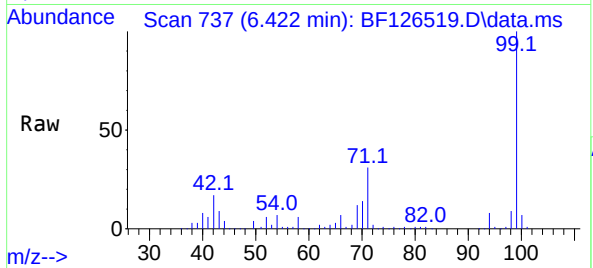
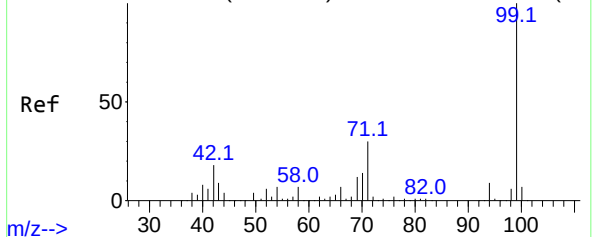


#6
Aniline
Concen: 11.938 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Tgt Ion: 93 Resp: 128463
Ion Ratio Lower Upper
93 100
66 40.2 32.2 48.4
65 21.7 16.3 24.5



Abundance Scan 738 (6.428 min): BF126402.D\data.ms (-73



#7

Phenol-d6

Concen: 97.829 ng

RT: 6.422 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126519.D

Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

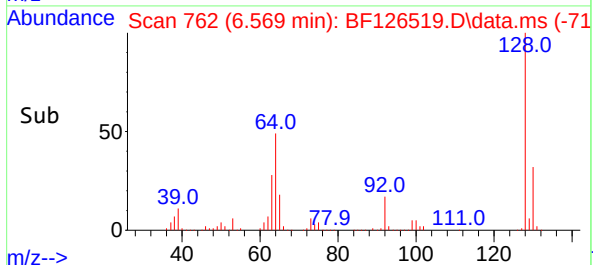
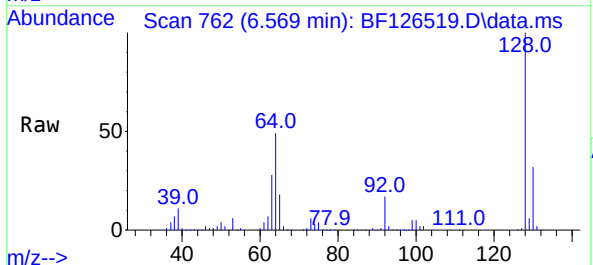
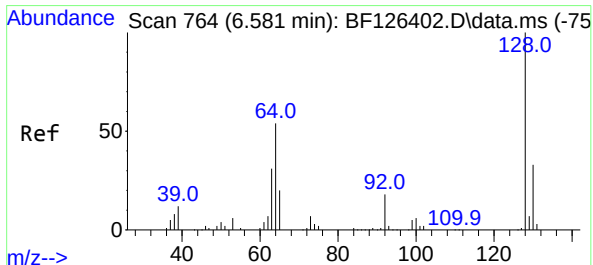
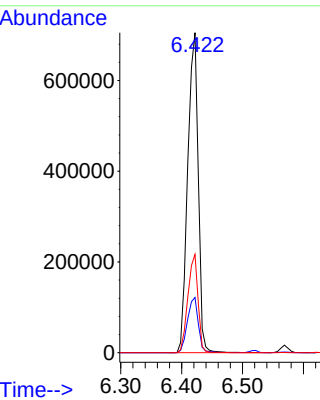
Tgt Ion:	99	Resp:	846579
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.2	21.4
71	30.7	24.3	36.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 46.160 ng

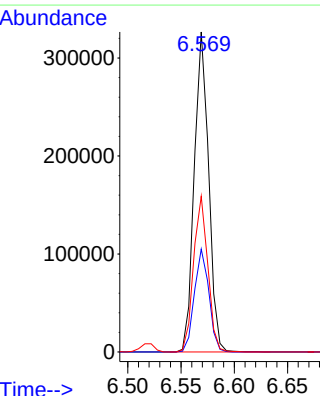
RT: 6.569 min Scan# 762

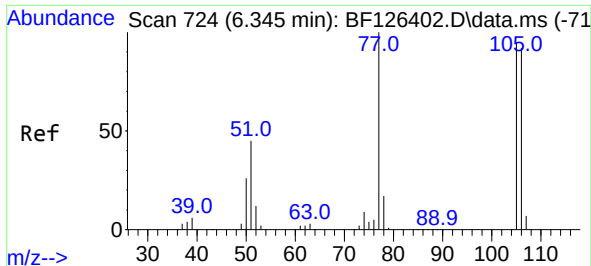
Delta R.T. 0.000 min

Lab File: BF126519.D

Acq: 6 Jan 2022 15:50

Tgt Ion:	128	Resp:	307566
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	48.6	35.6	75.6





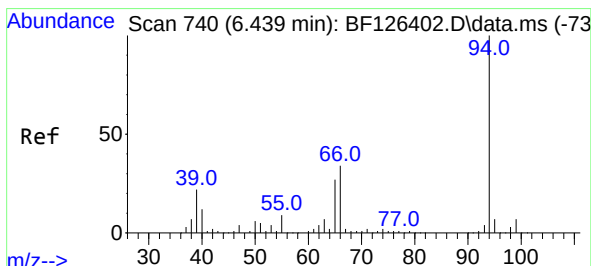
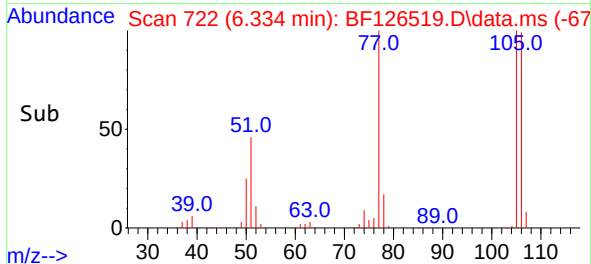
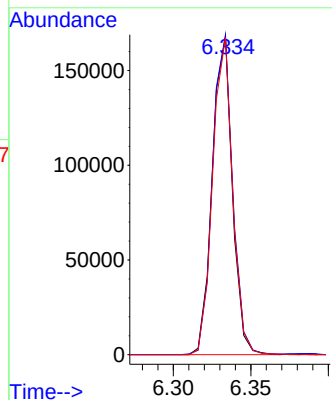
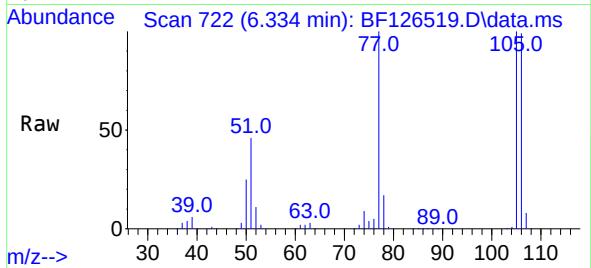
#9
Benzaldehyde
Concen: 28.187 ng
RT: 6.334 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :
BNA_F
ClientSampleId :
72-11944MSD

Tgt Ion: 77 Resp: 151000
Ion Ratio Lower Upper
77 100
105 100.5 74.9 114.9
106 99.7 72.4 112.4

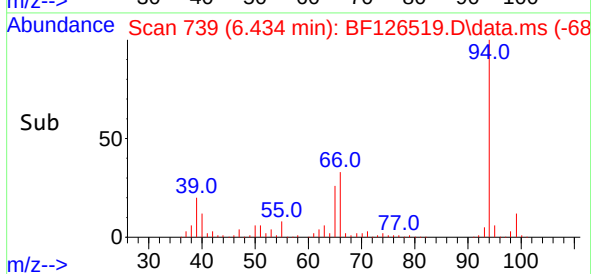
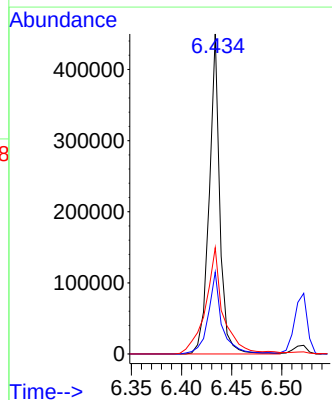
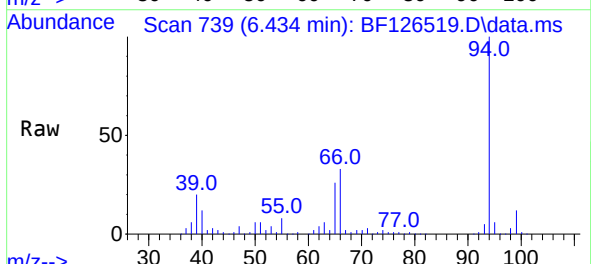
Manual Integrations
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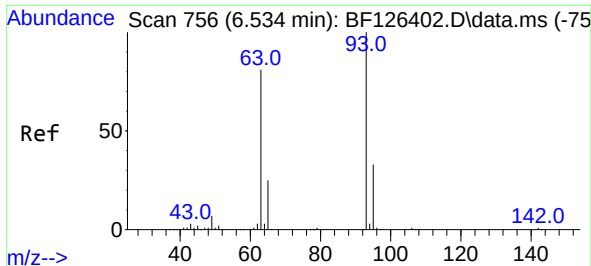
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#10
Phenol
Concen: 34.581 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

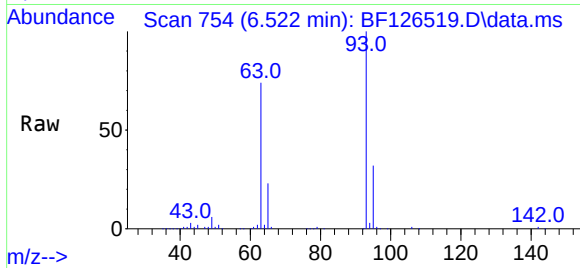
Tgt Ion: 94 Resp: 333955
Ion Ratio Lower Upper
94 100
65 25.6 7.2 47.2
66 33.2 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 44.250 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

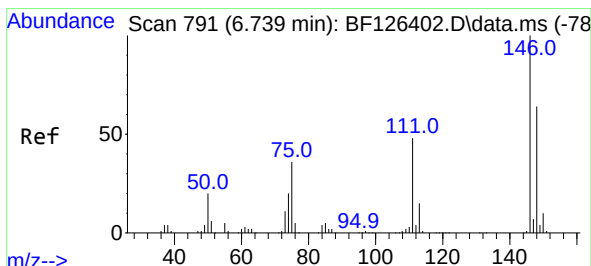
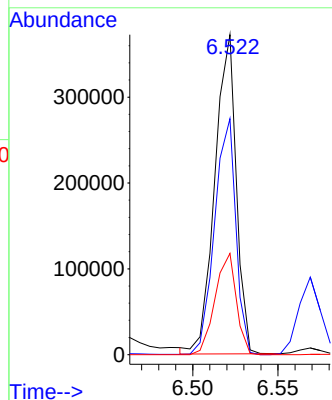
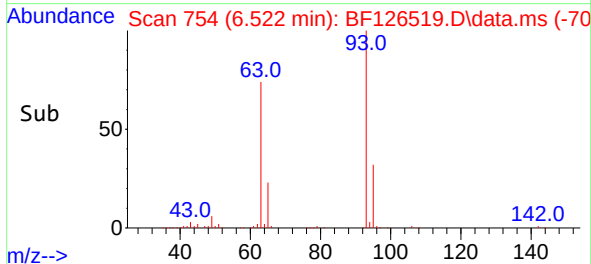
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



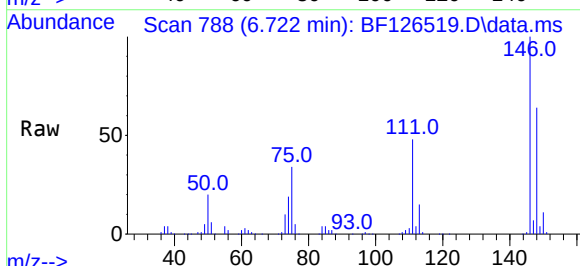
Tgt Ion: 93 Resp: 32629
Ion Ratio Lower Upper
93 100
63 73.8 60.5 100.5
95 31.6 12.9 52.9

Manual Integrations
APPROVED

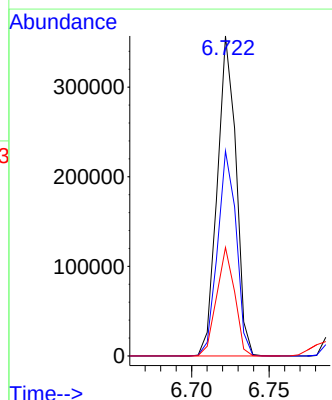
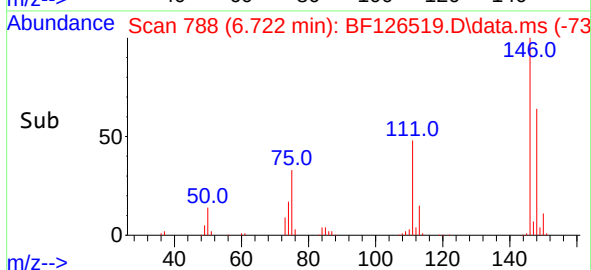
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

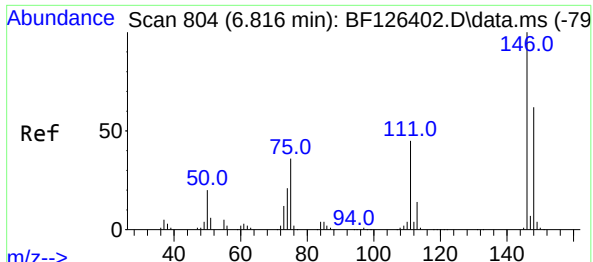


#12
1,3-Dichlorobenzene
Concen: 45.152 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



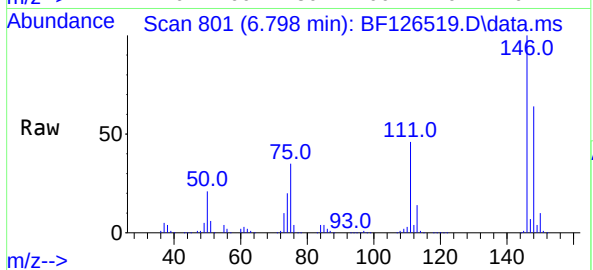
Tgt Ion:146 Resp: 300633
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 33.9 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 45.825 ng
RT: 6.798 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

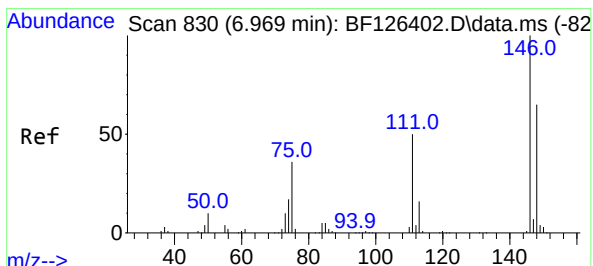
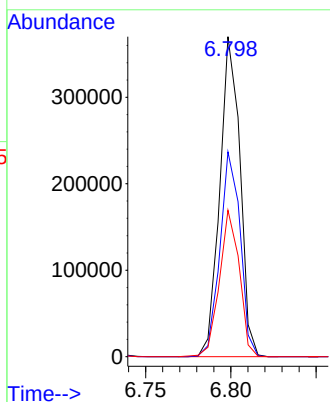
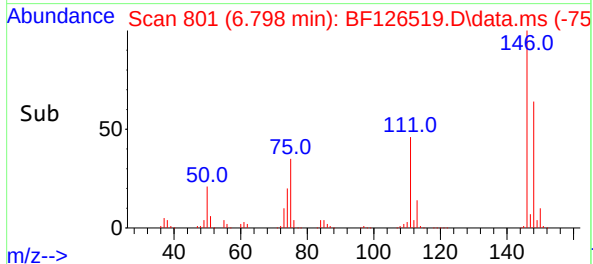
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



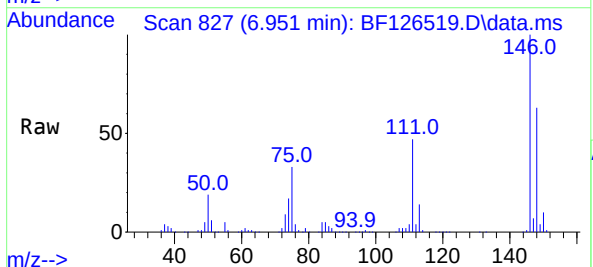
Tgt Ion:146 Resp: 304562
Ion Ratio Lower Upper
146 100
148 64.0 49.8 74.6
111 45.8 36.1 54.1

Manual Integrations
APPROVED

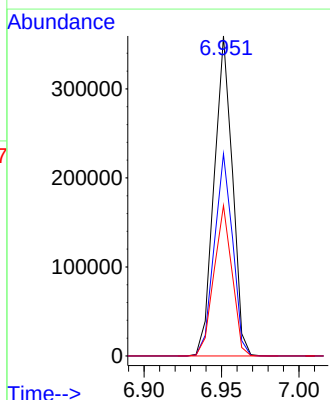
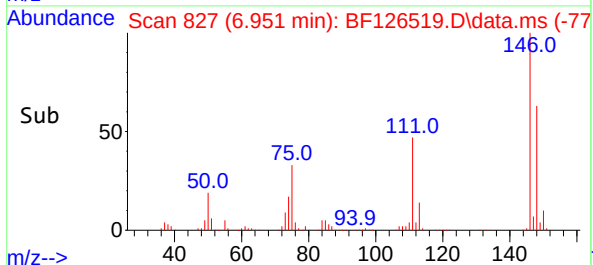
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

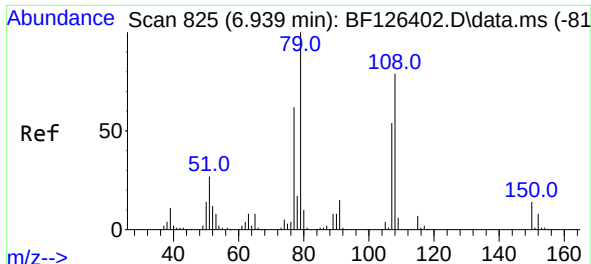


#14
1,2-Dichlorobenzene
Concen: 45.608 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



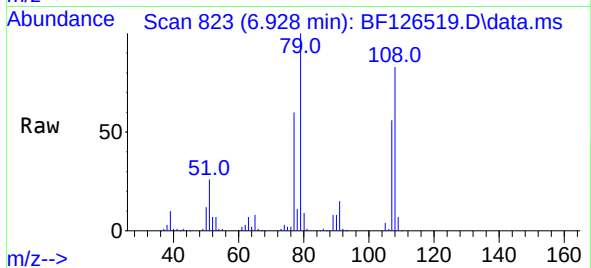
Tgt Ion:146 Resp: 295345
Ion Ratio Lower Upper
146 100
148 63.1 51.6 77.4
111 47.0 40.2 60.2





#15
Benzyl Alcohol
Concen: 43.007 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

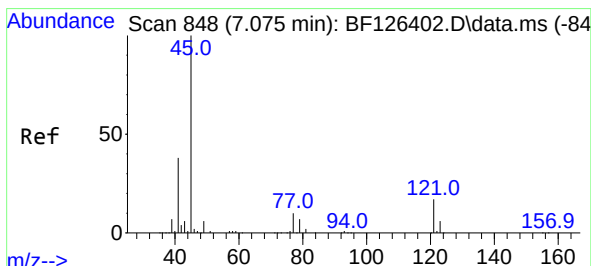
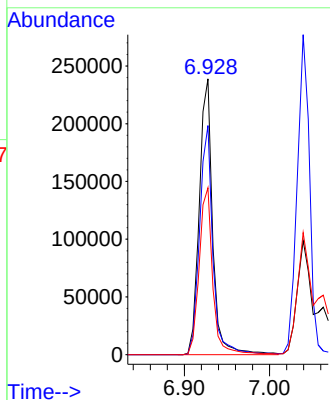
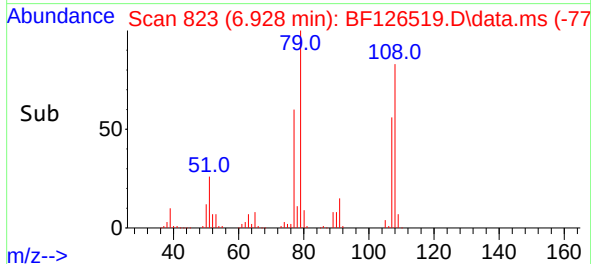
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



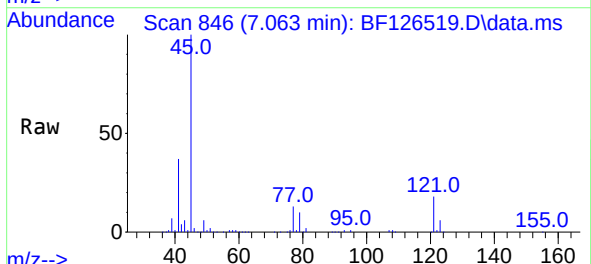
Tgt Ion: 79 Resp: 26039
Ion Ratio Lower Upper
79 100
108 83.1 63.2 94.8
77 60.5 49.4 74.2

Manual Integrations
APPROVED

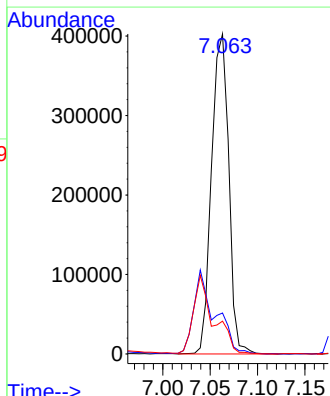
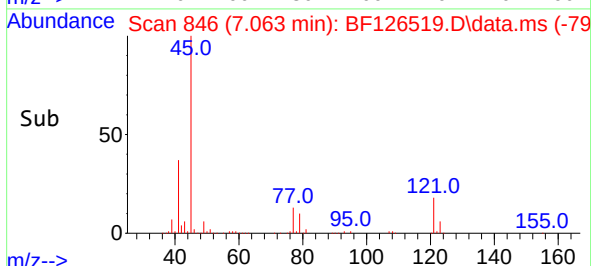
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

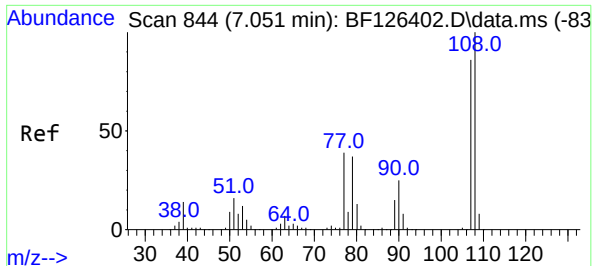


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.849 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion: 45 Resp: 507817
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.4
79 10.2 0.0 29.8





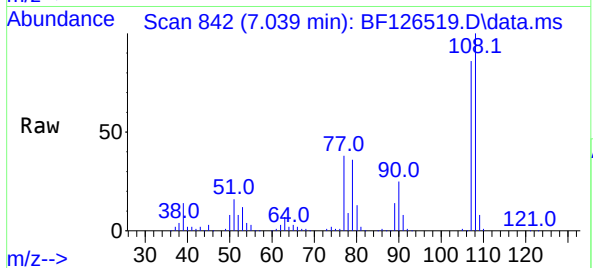
#17
2-Methylphenol
Concen: 40.966 ng
RT: 7.039 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

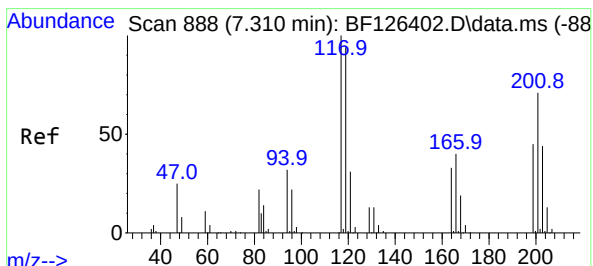
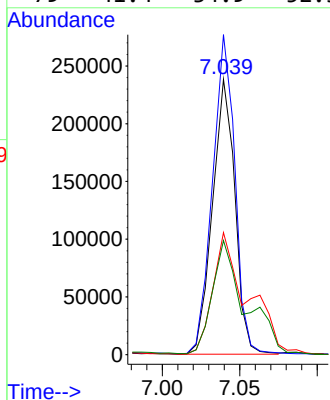
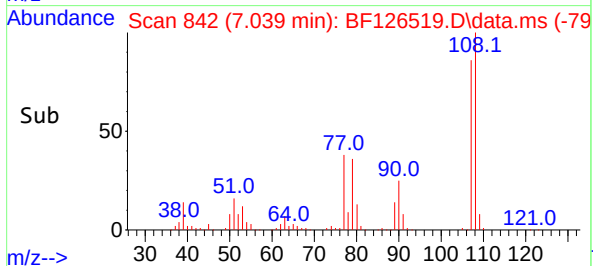


Tgt Ion:107 Resp: 240100
Ion Ratio Lower Upper
107 100
108 116.2 93.4 140.0
77 44.3 36.1 54.1
79 41.4 34.9 52.3

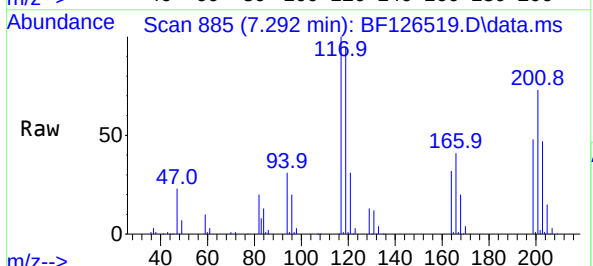
Manual Integrations

APPROVED

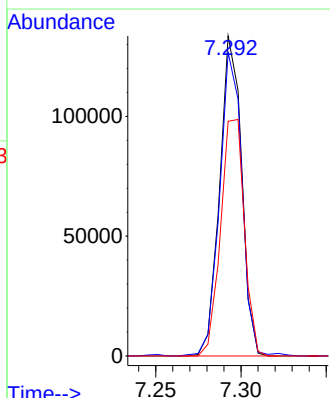
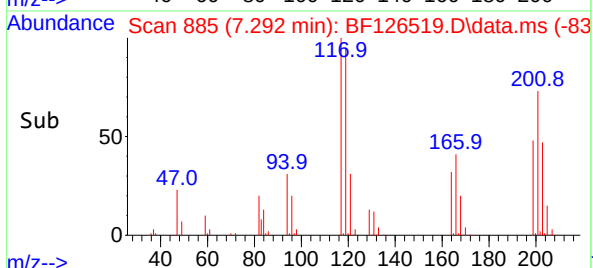
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

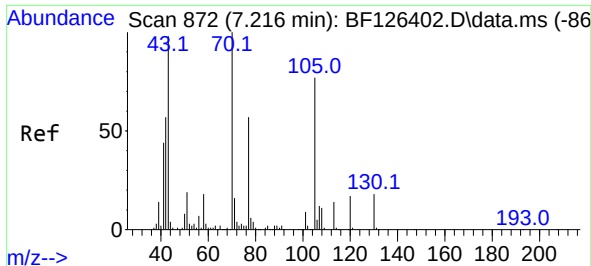


#18
Hexachloroethane
Concen: 45.010 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:117 Resp: 119184
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.0
201 73.4 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.766 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

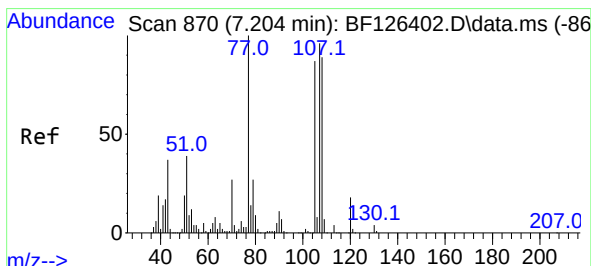
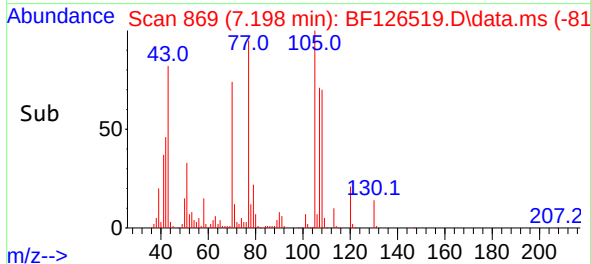
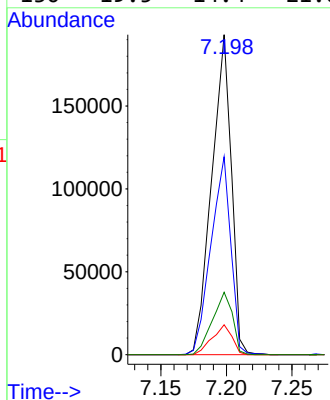
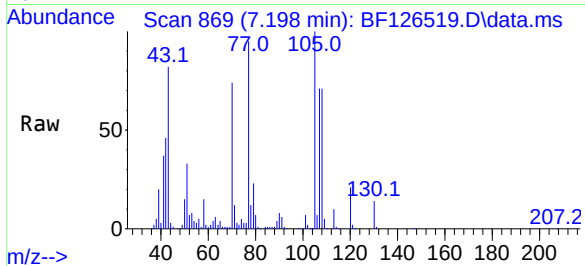
72-11944MSD

Tgt Ion: 70 Resp: 201308
Ion Ratio Lower Upper
70 100
42 61.9 45.8 68.8
101 9.4 6.9 10.3
130 19.5 14.4 21.6

Manual Integrations

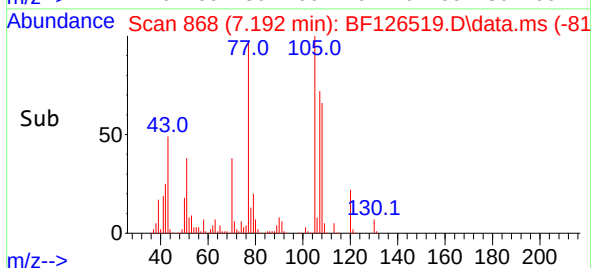
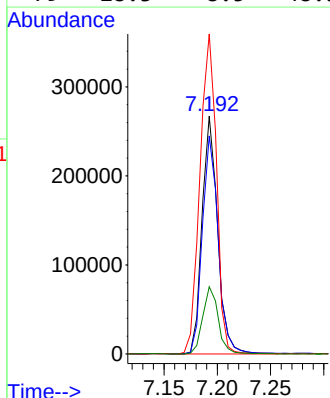
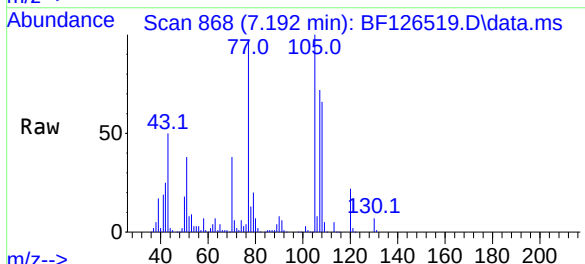
APPROVED

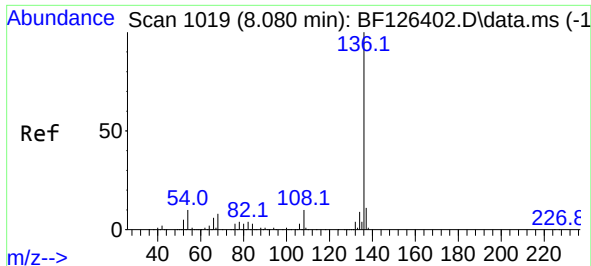
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#20
3+4-Methylphenols
Concen: 39.109 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Tgt Ion:107 Resp: 272899
Ion Ratio Lower Upper
107 100
108 91.7 72.4 112.4
77 134.6 83.8 123.8#
79 28.3 8.5 48.5





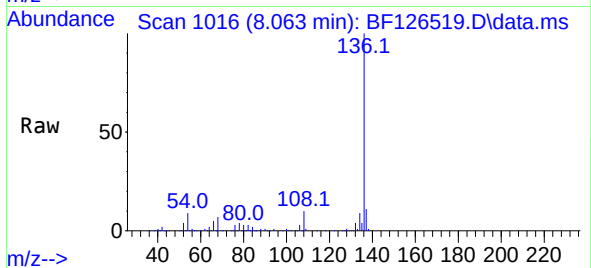
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

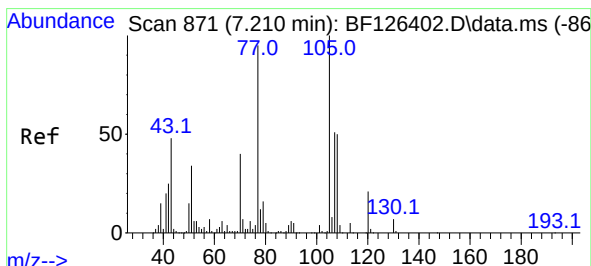
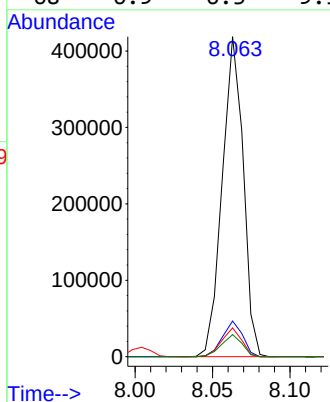
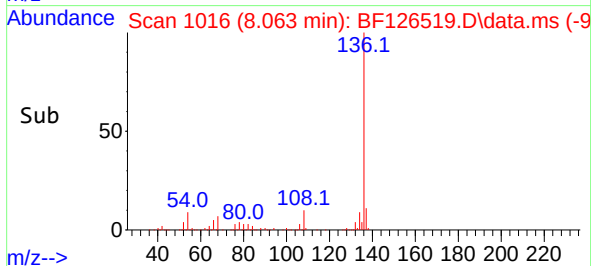


Tgt Ion:136 Resp: 394804
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.0 7.8 11.6
68 6.9 6.3 9.5

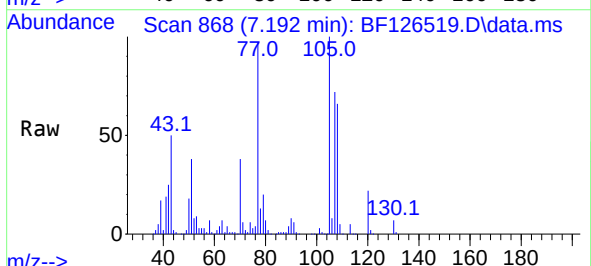
Manual Integrations

APPROVED

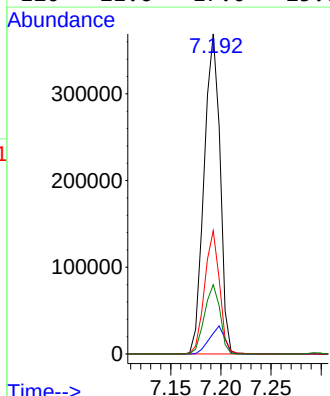
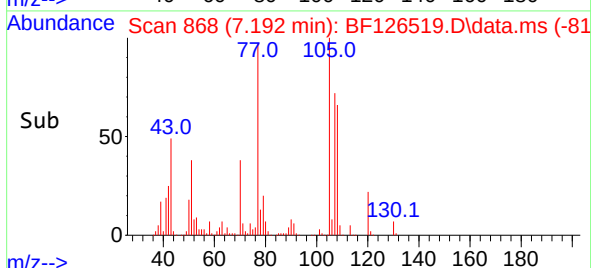
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

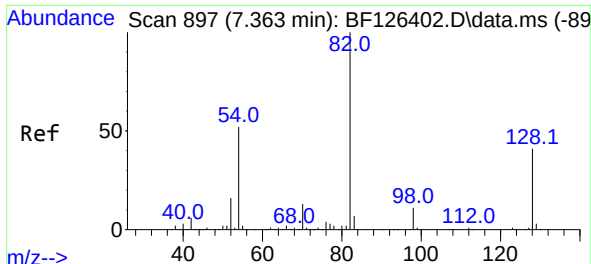


#22
Acetophenone
Concen: 44.855 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:105 Resp: 409403
Ion Ratio Lower Upper
105 100
71 6.4 5.4 8.0
51 38.5 27.4 41.0
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 81.922 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF126519.D

Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

Tgt Ion: 82 Resp: 62990

Ion Ratio Lower Upper

82 100

128 43.4 32.7 49.1

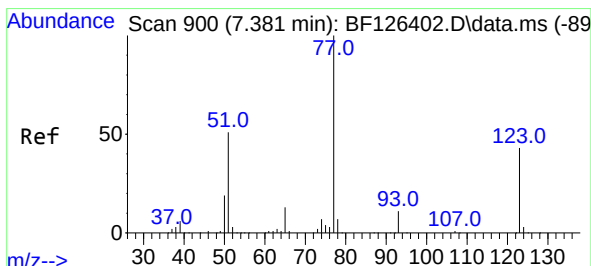
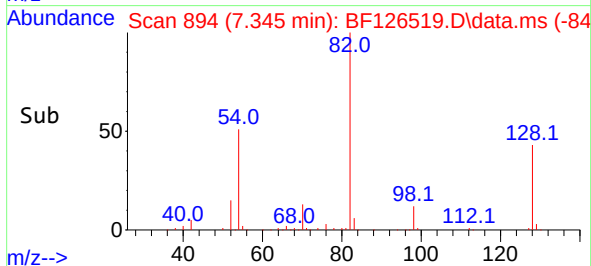
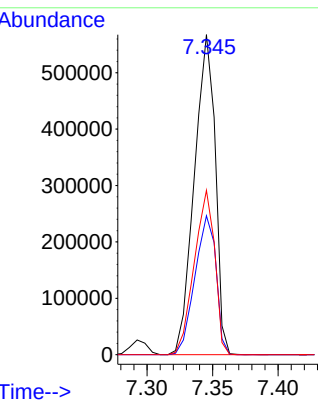
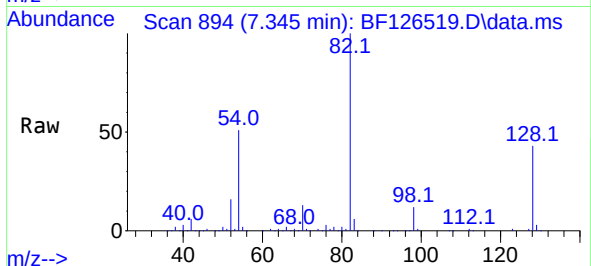
54 51.4 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/07/2022

Supervised By :Jagrut Upadhyay 01/07/2022



#24

Nitrobenzene

Concen: 42.149 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF126519.D

Acq: 6 Jan 2022 15:50

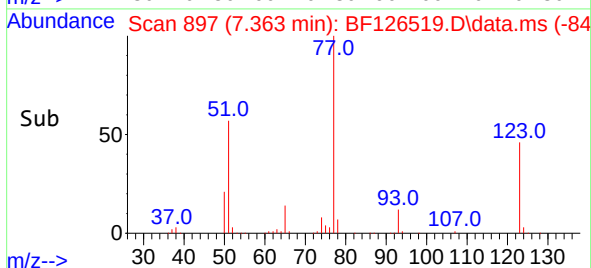
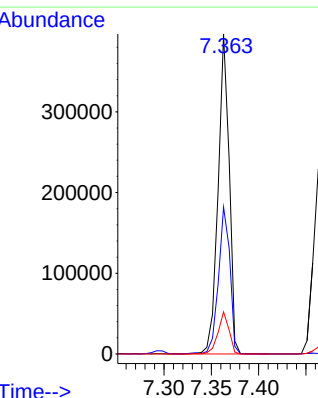
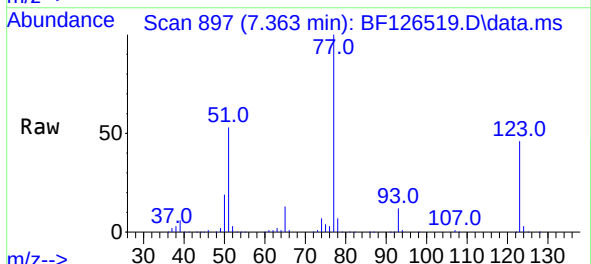
Tgt Ion: 77 Resp: 324304

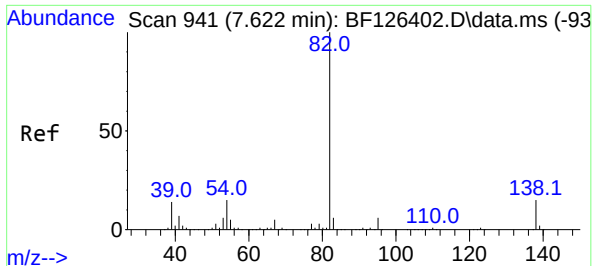
Ion Ratio Lower Upper

77 100

123 45.9 34.6 52.0

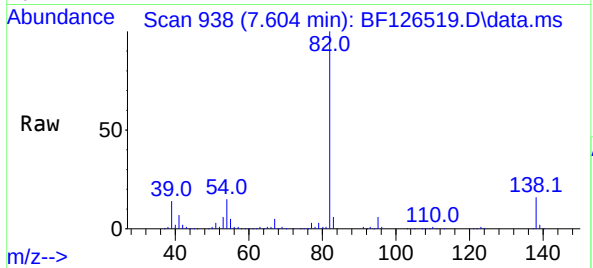
65 13.2 10.6 15.8





#25
Isophorone
Concen: 42.299 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

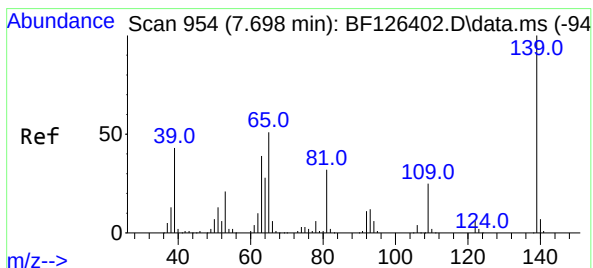
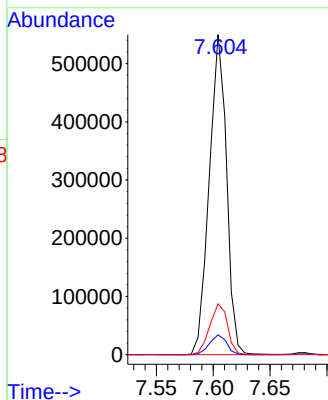
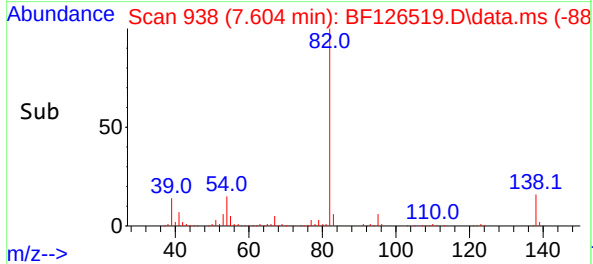
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



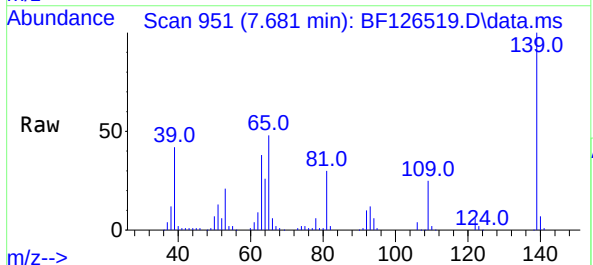
Tgt Ion: 82 Resp: 582228
Ion Ratio Lower Upper
82 100
95 6.2 5.0 7.4
138 15.9 12.3 18.5

Manual Integrations
APPROVED

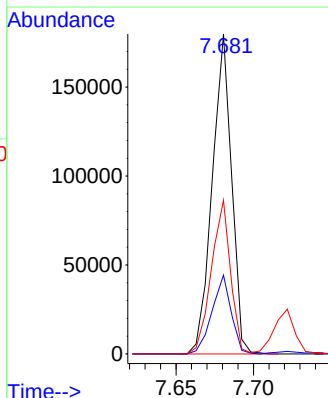
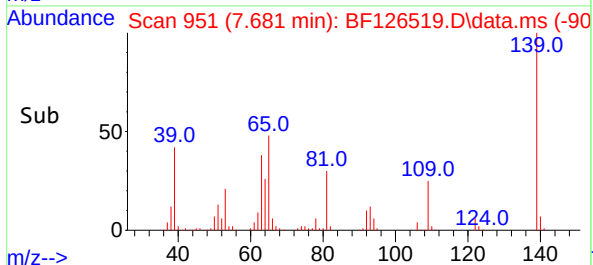
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

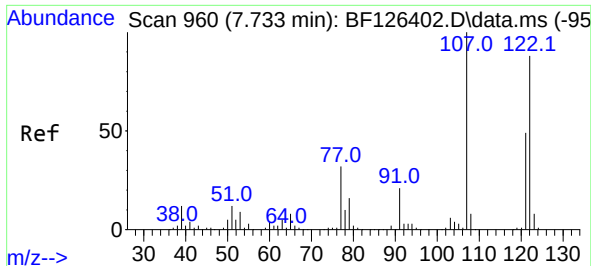


#26
2-Nitrophenol
Concen: 45.676 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:139 Resp: 155796
Ion Ratio Lower Upper
139 100
109 24.7 20.0 30.0
65 48.0 40.8 61.2





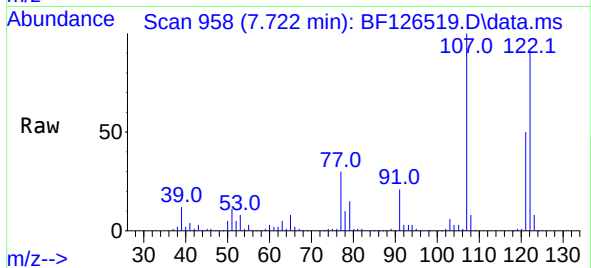
#27
2,4-Dimethylphenol
Concen: 50.137 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

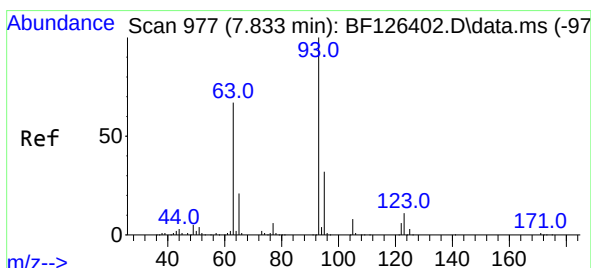
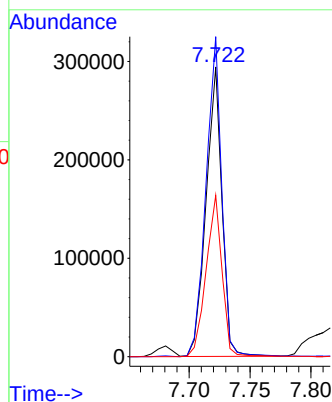
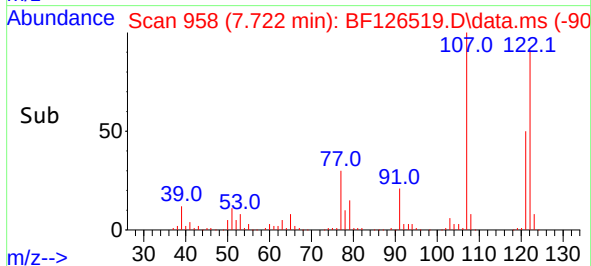


Tgt Ion:122 Resp: 26740
Ion Ratio Lower Upper
122 100
107 110.5 91.2 136.8
121 55.7 44.4 66.6

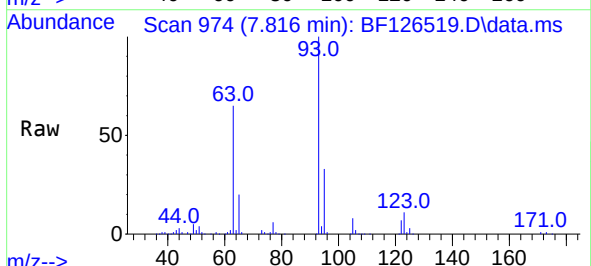
Manual Integrations

APPROVED

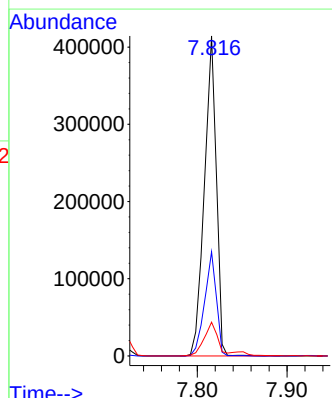
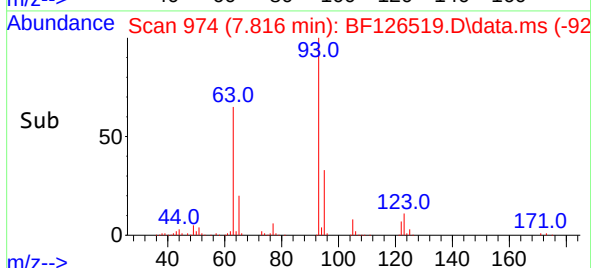
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

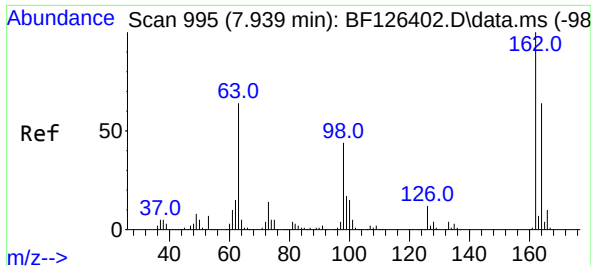


#28
bis(2-Chloroethoxy)methane
Concen: 42.696 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion: 93 Resp: 383915
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 10.6 8.9 13.3





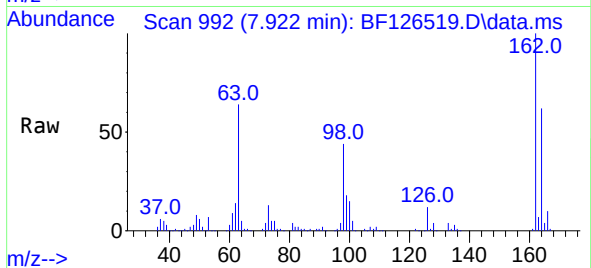
#29
2,4-Dichlorophenol
Concen: 45.537 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

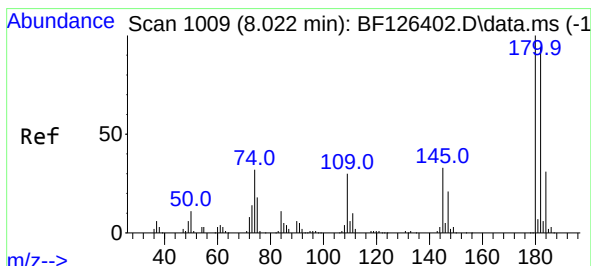
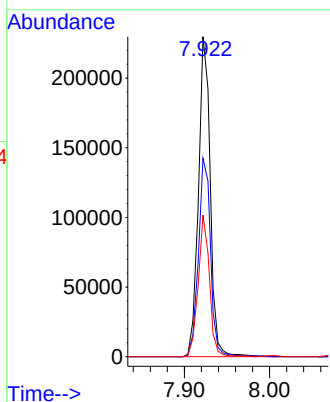
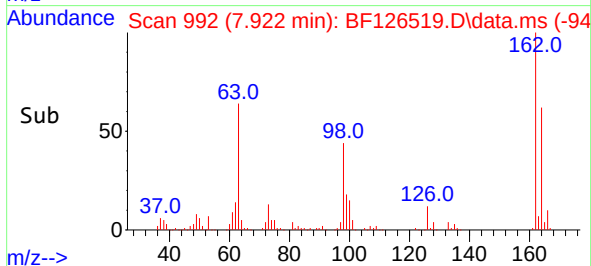


Tgt Ion:162 Resp: 221762
Ion Ratio Lower Upper
162 100
164 62.0 43.8 83.8
98 44.2 23.6 63.6

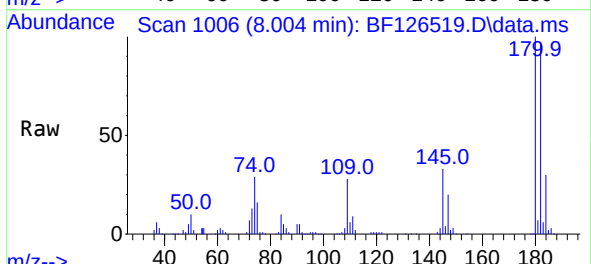
Manual Integrations

APPROVED

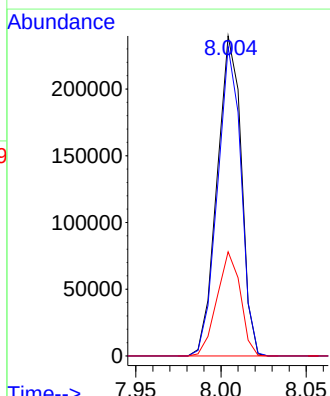
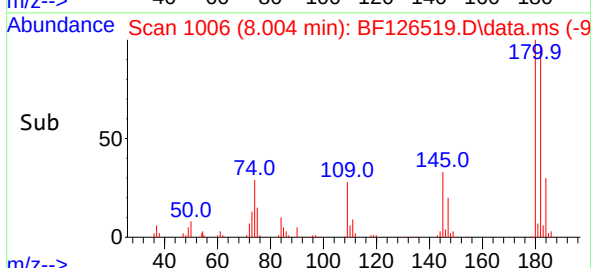
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

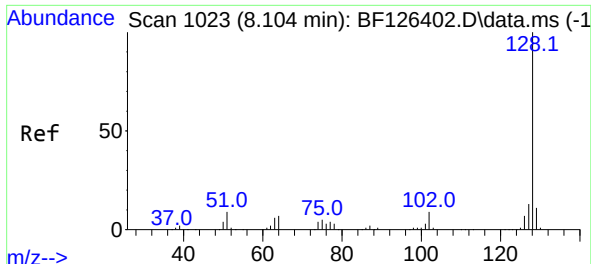


#30
1,2,4-Trichlorobenzene
Concen: 46.574 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



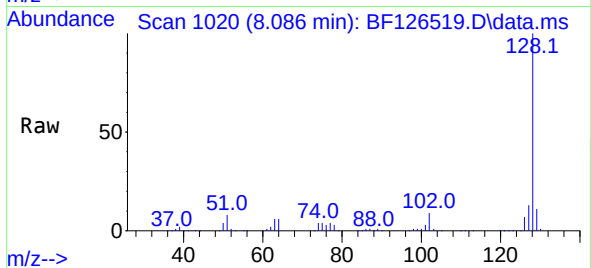
Tgt Ion:180 Resp: 236389
Ion Ratio Lower Upper
180 100
182 96.7 75.5 113.3
145 32.5 26.2 39.2





#31
Naphthalene
Concen: 46.218 ng
RT: 8.086 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

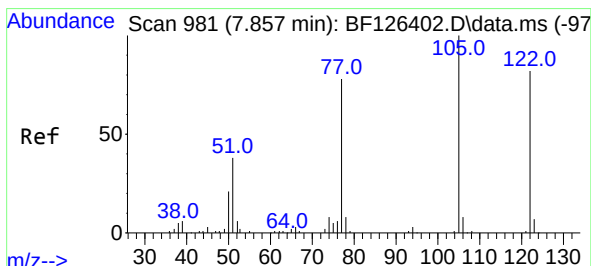
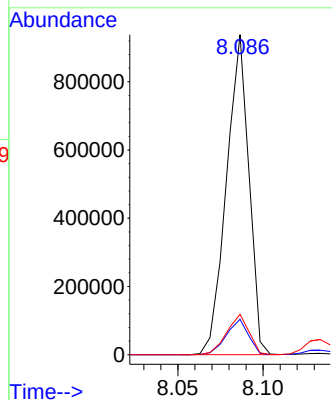
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



Tgt Ion:128 Resp: 861259
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.6 10.3 15.5

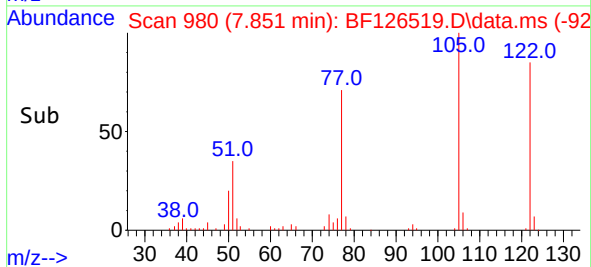
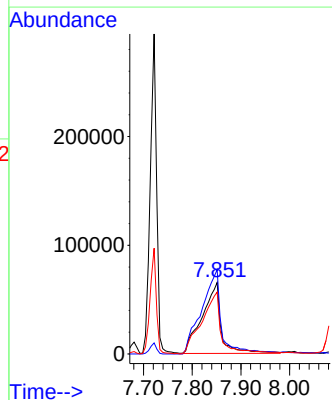
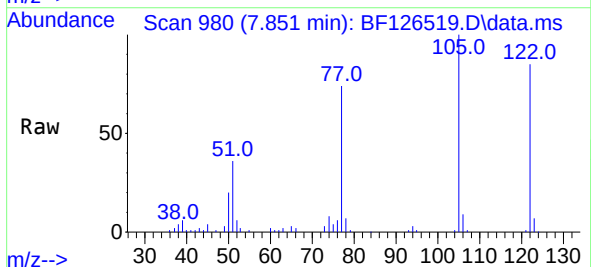
Manual Integrations
APPROVED

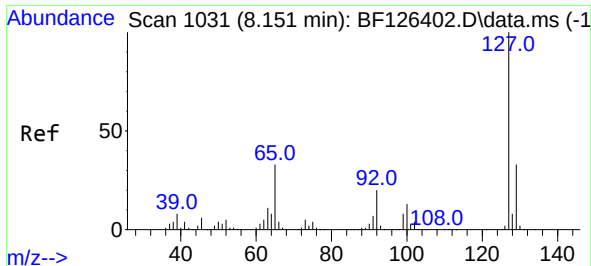
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#32
Benzoic acid
Concen: 46.040 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Tgt Ion:122 Resp: 176828
Ion Ratio Lower Upper
122 100
105 117.8 101.0 141.0
77 86.6 74.5 114.5





#33
4-Chloroaniline
Concen: 9.077 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

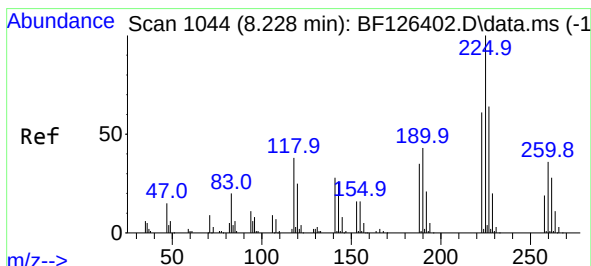
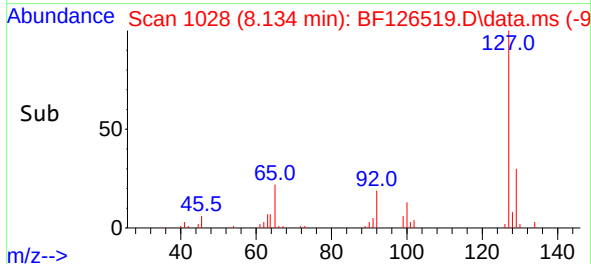
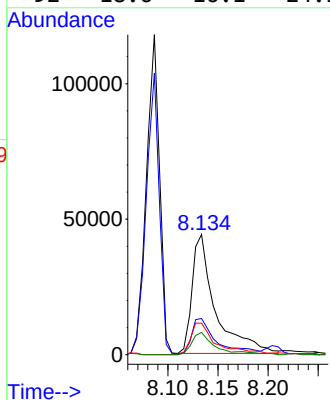
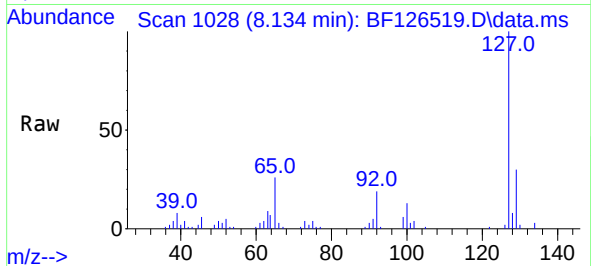
72-11944MSD

Tgt Ion:127 Resp: 7086
Ion Ratio Lower Upper
127 100
129 30.1 26.5 39.7
65 26.2 26.6 39.8
92 18.6 16.1 24.1

Manual Integrations

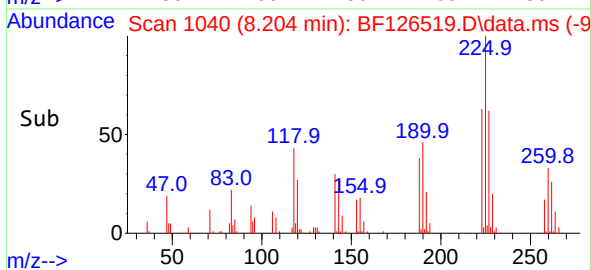
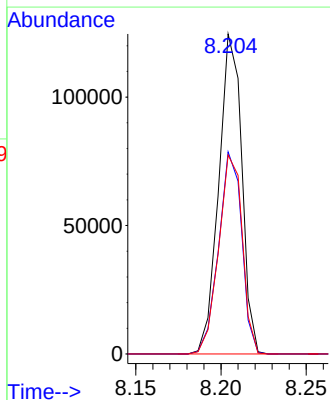
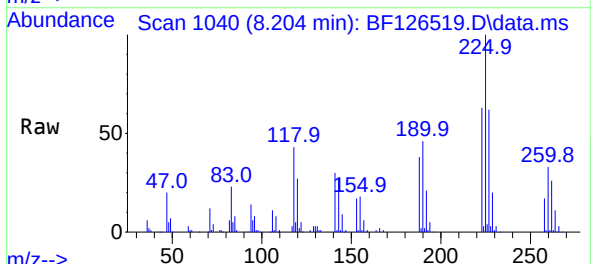
APPROVED

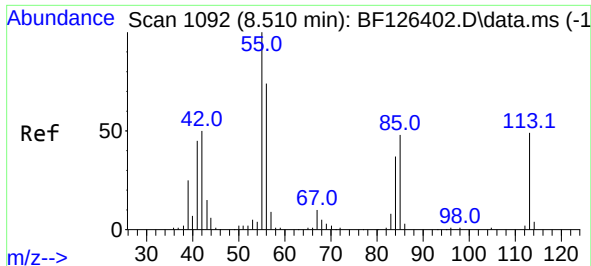
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#34
Hexachlorobutadiene
Concen: 47.412 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

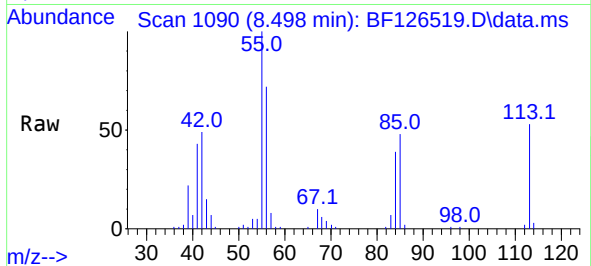
Tgt Ion:225 Resp: 116963
Ion Ratio Lower Upper
225 100
223 63.2 48.6 73.0
227 62.2 51.4 77.0





#35
Caprolactam
Concen: 49.718 ng m
RT: 8.498 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

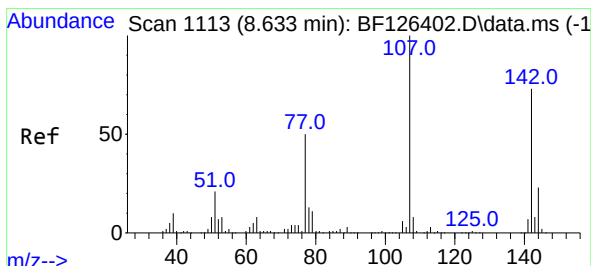
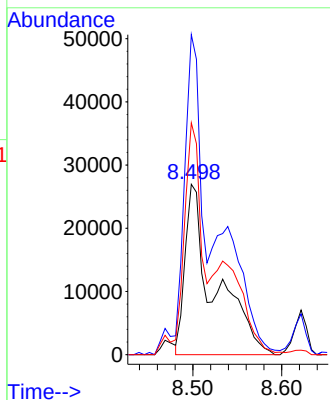
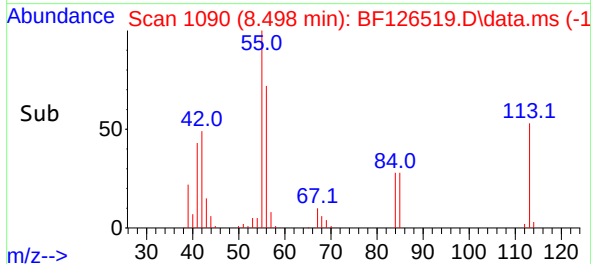
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



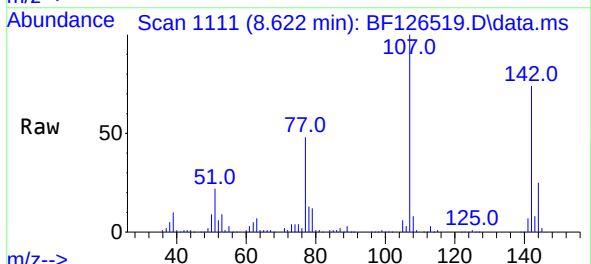
Tgt Ion:113 Resp: 61590
Ion Ratio Lower Upper
113 100
55 187.8 183.9 223.9
56 136.1 129.9 169.9

Manual Integrations
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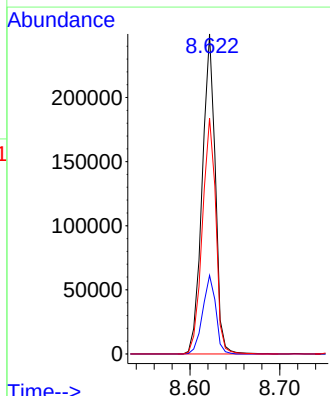
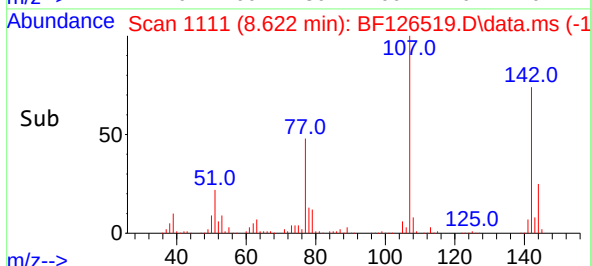
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

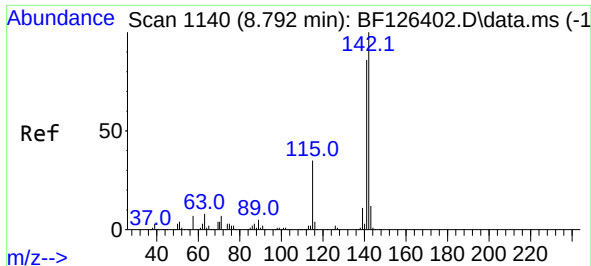


#36
4-Chloro-3-methylphenol
Concen: 42.462 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:107 Resp: 252367
Ion Ratio Lower Upper
107 100
144 24.6 18.5 27.7
142 73.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 49.519 ng

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF126519.D

Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

Tgt Ion:142 Resp: 544358

Ion Ratio Lower Upper

142 100

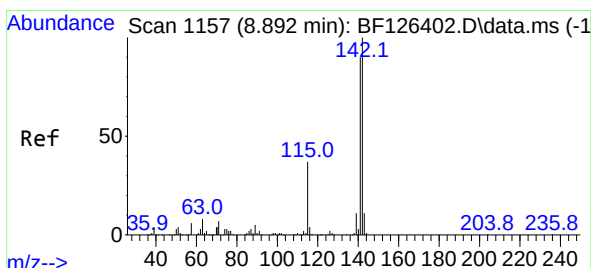
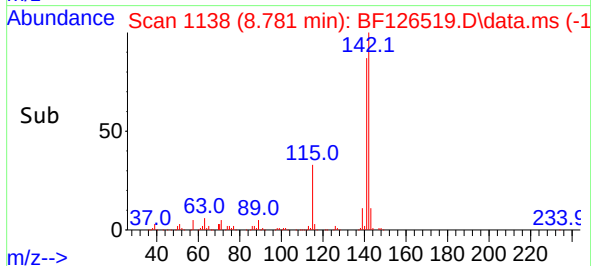
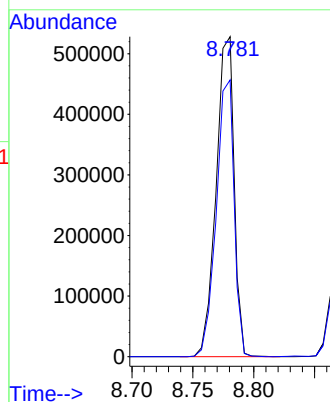
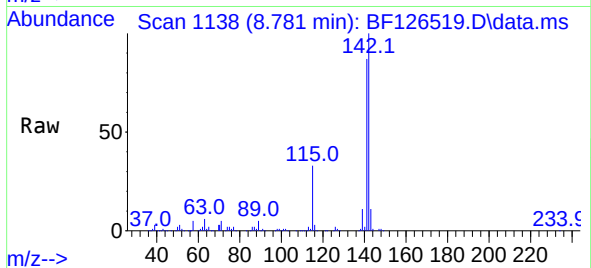
141 86.5 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/07/2022

Supervised By :Jagrut Upadhyay 01/07/2022



#38

1-Methylnaphthalene

Concen: 47.343 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF126519.D

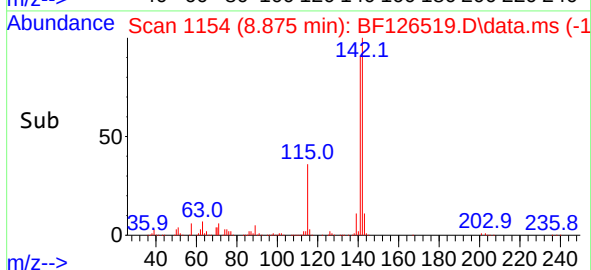
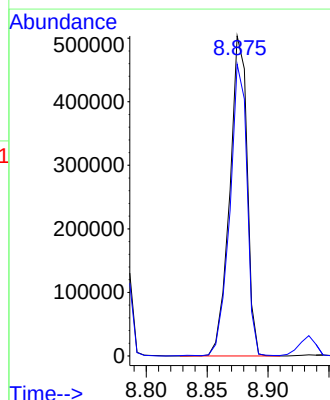
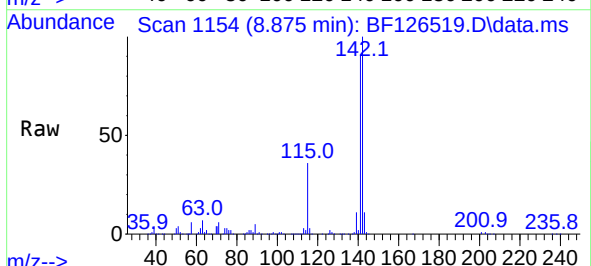
Acq: 6 Jan 2022 15:50

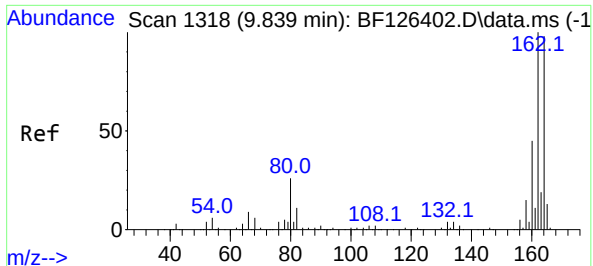
Tgt Ion:142 Resp: 503169

Ion Ratio Lower Upper

142 100

141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF126519.D

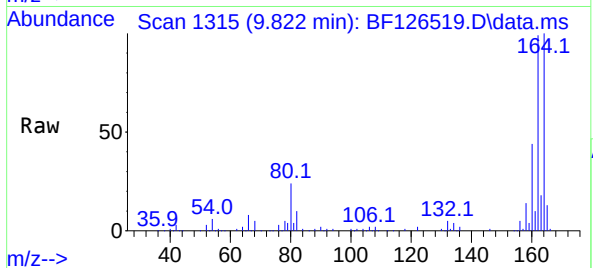
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD



Tgt Ion:164 Resp: 17799

Ion Ratio Lower Upper

164 100

162 99.2 81.4 122.0

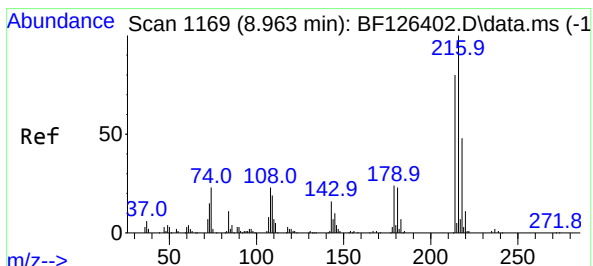
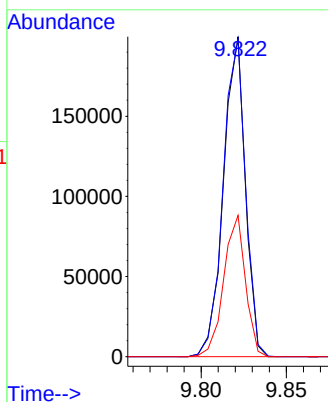
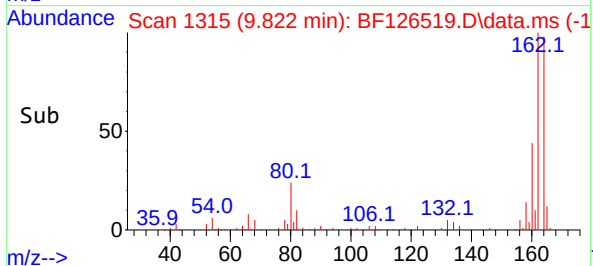
160 44.1 36.6 54.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/07/2022

Supervised By :Jagrut Upadhyay 01/07/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.952 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF126519.D

Acq: 6 Jan 2022 15:50

Tgt Ion:216 Resp: 189334

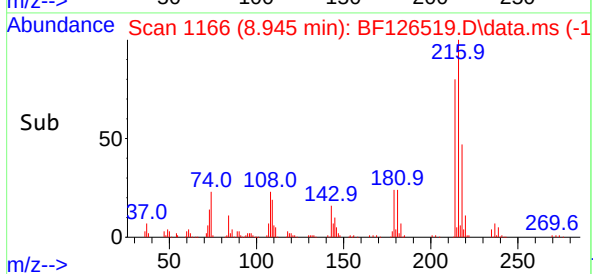
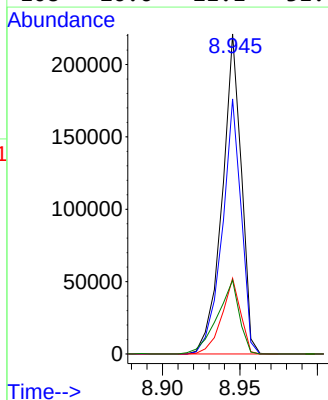
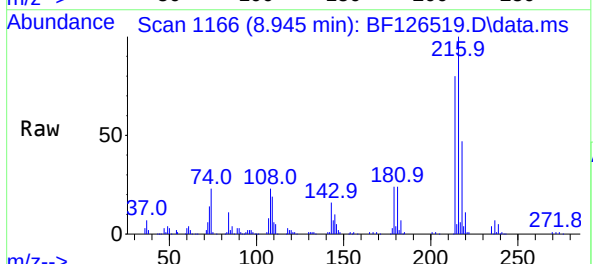
Ion Ratio Lower Upper

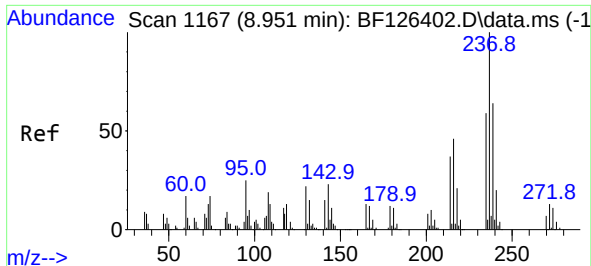
216 100

214 78.7 64.6 96.8

179 23.2 19.5 29.3

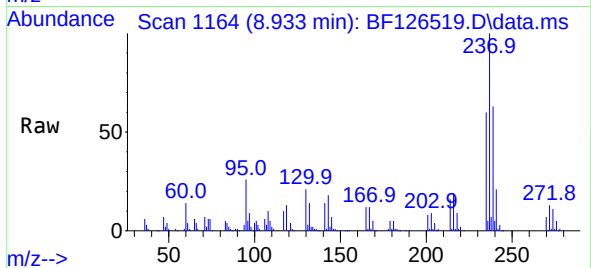
108 26.6 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 130.676 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

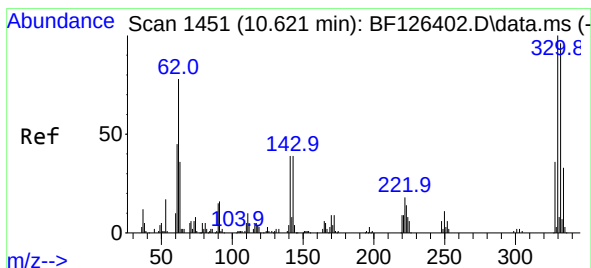
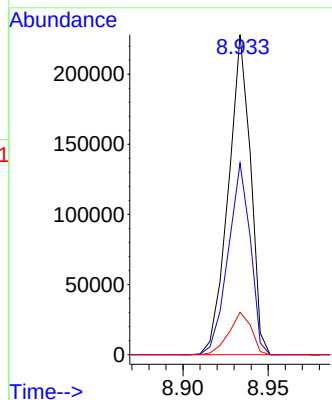
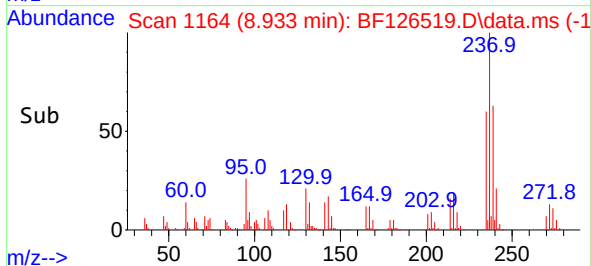
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



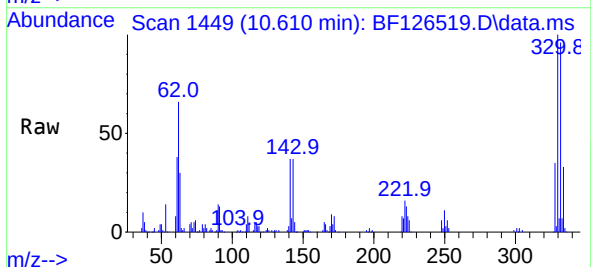
Tgt Ion:237 Resp: 205777
Ion Ratio Lower Upper
237 100
235 59.9 38.9 78.9
272 13.3 0.0 33.5

Manual Integrations
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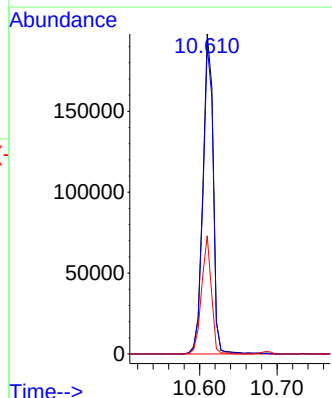
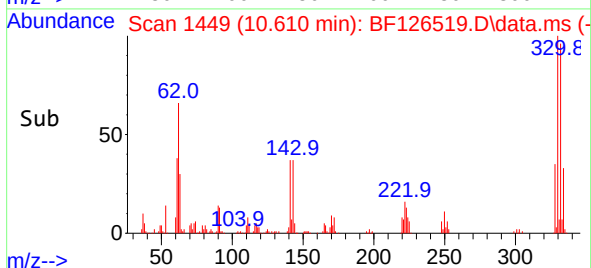
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

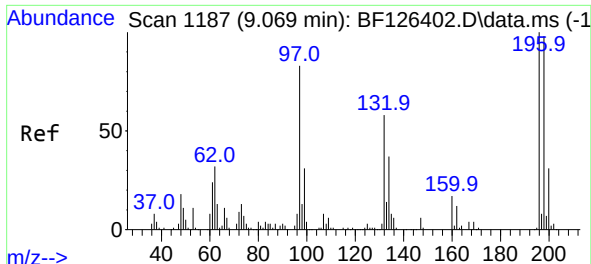


#42
2,4,6-Tribromophenol
Concen: 133.276 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



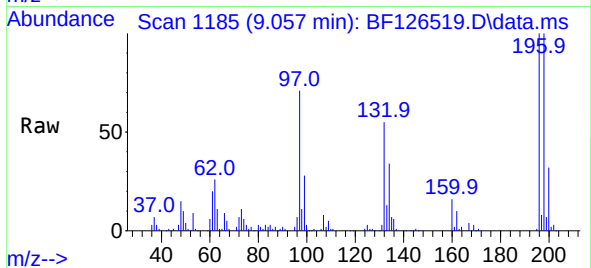
Tgt Ion:330 Resp: 183310
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 34.8 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 47.286 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

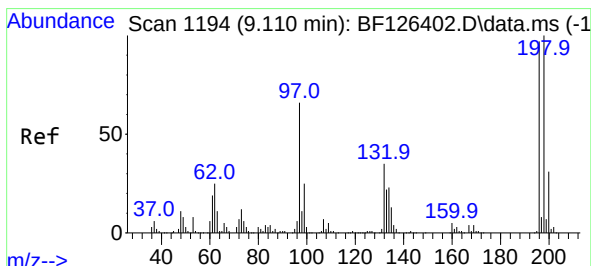
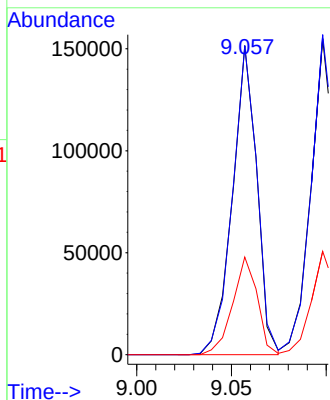
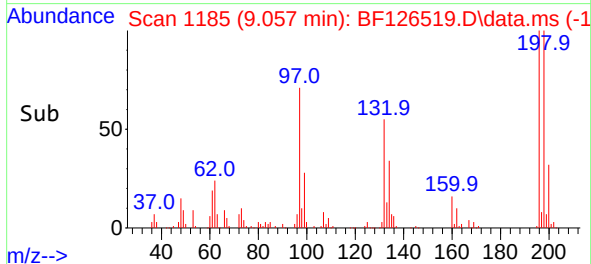
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



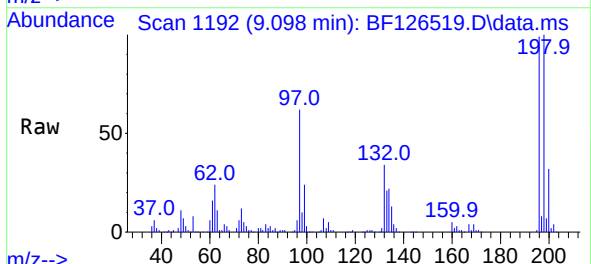
Tgt Ion:196 Resp: 135254
Ion Ratio Lower Upper
196 100
198 100.1 78.5 117.7
200 31.6 24.9 37.3

Manual Integrations
APPROVED

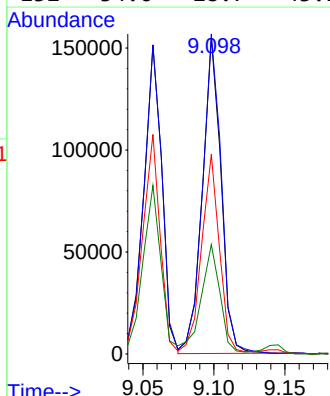
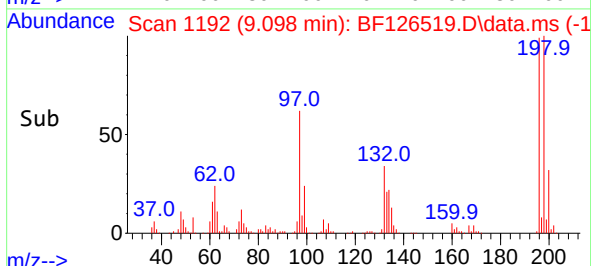
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

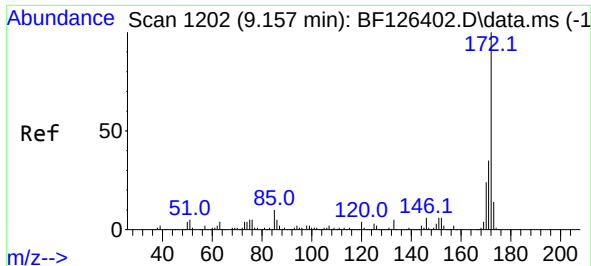


#44
2,4,5-Trichlorophenol
Concen: 45.966 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:196 Resp: 141521
Ion Ratio Lower Upper
196 100
198 101.3 82.0 123.0
97 63.2 53.5 80.3
132 34.6 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 87.439 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126519.D

Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

Tgt Ion:172 Resp: 88442

Ion Ratio Lower Upper

172 100

171 34.1 28.3 42.5

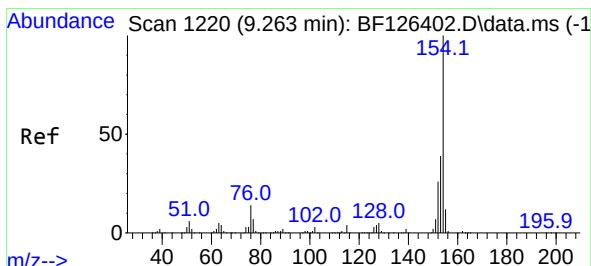
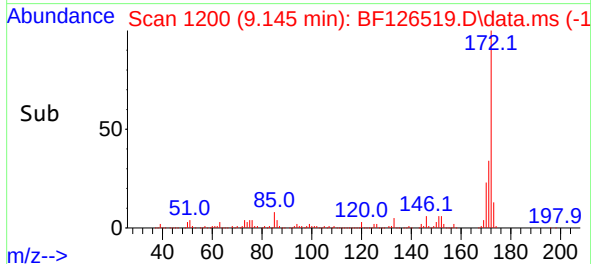
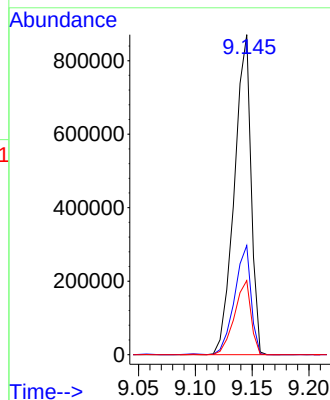
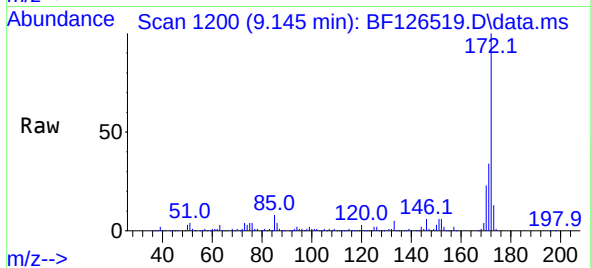
170 23.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/07/2022

Supervised By :Jagrut Upadhyay 01/07/2022



#46

1,1'-Biphenyl

Concen: 48.166 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF126519.D

Acq: 6 Jan 2022 15:50

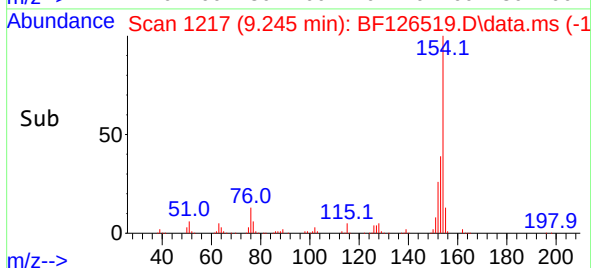
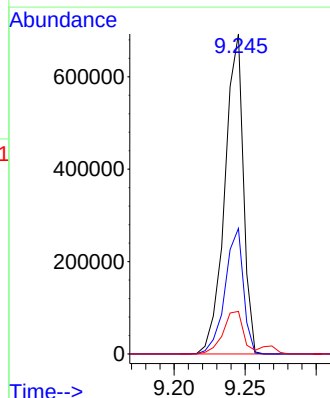
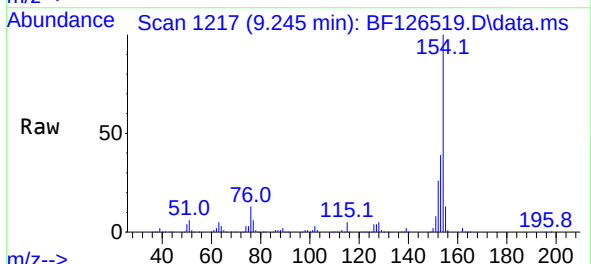
Tgt Ion:154 Resp: 628792

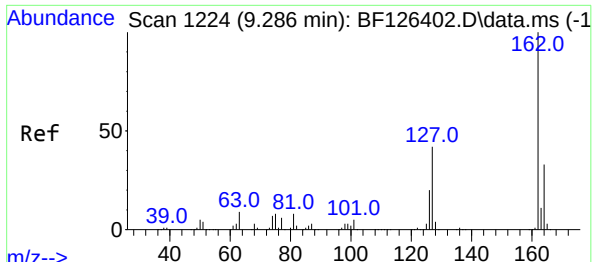
Ion Ratio Lower Upper

154 100

153 39.3 19.0 59.0

76 13.3 0.0 34.5





#47

2-Chloronaphthalene

Concen: 47.038 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF126519.D

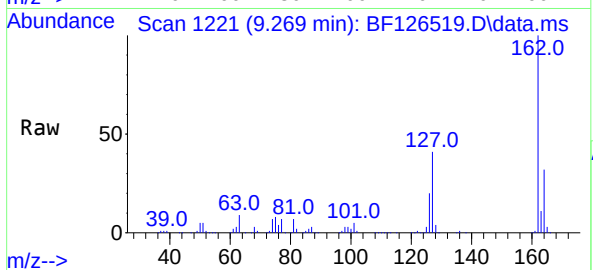
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD



Tgt Ion:162 Resp: 465104

Ion Ratio Lower Upper

162 100

127 41.4 33.5 50.3

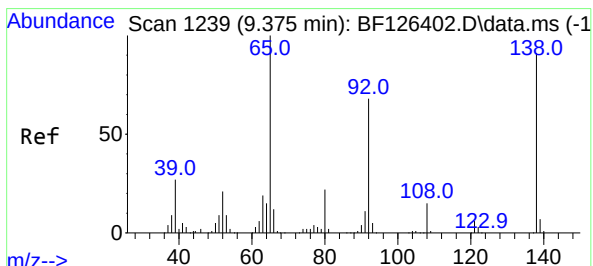
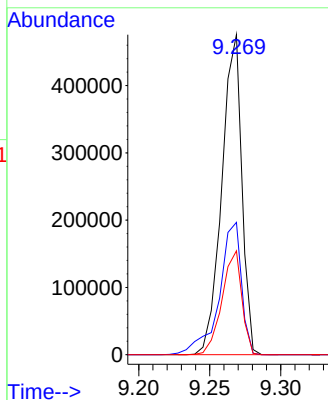
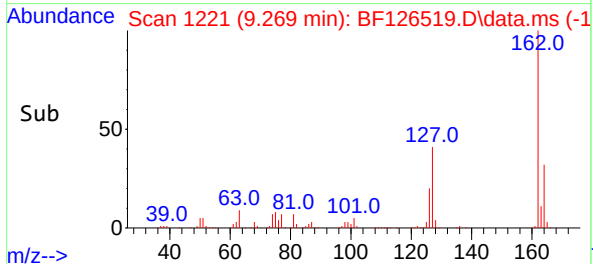
164 32.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/07/2022

Supervised By :Jagrut Upadhyay 01/07/2022



#48

2-Nitroaniline

Concen: 38.985 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF126519.D

Acq: 6 Jan 2022 15:50

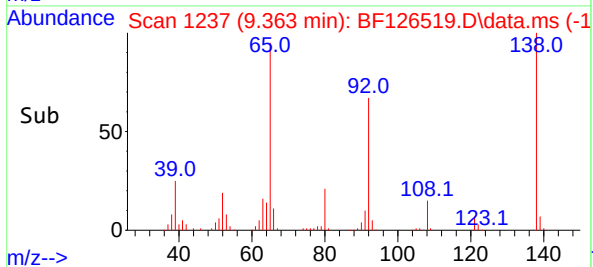
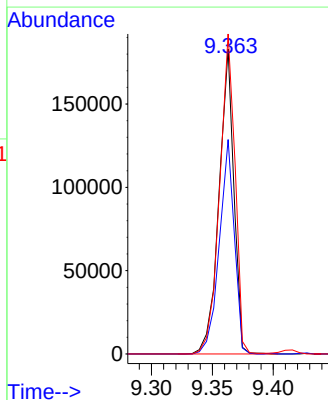
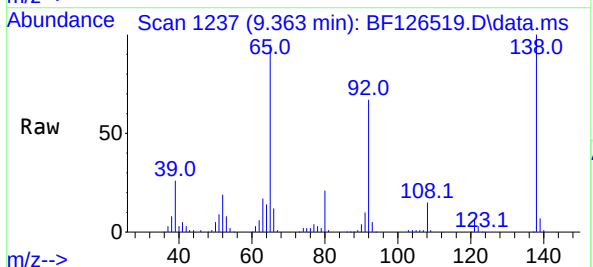
Tgt Ion: 65 Resp: 155661

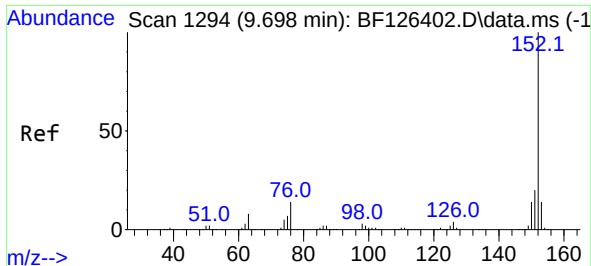
Ion Ratio Lower Upper

65 100

92 70.3 54.4 81.6

138 105.0 72.5 108.7





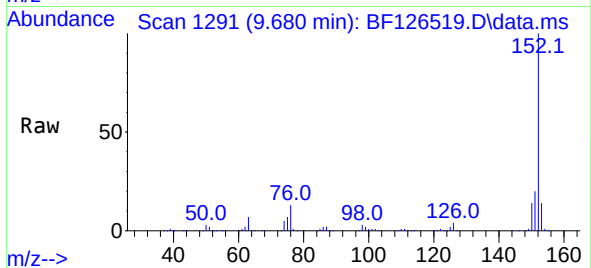
#49
Acenaphthylene
Concen: 47.369 ng
RT: 9.680 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

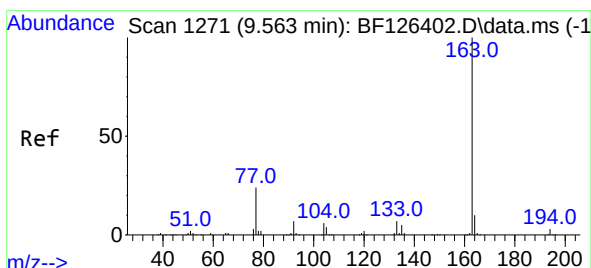
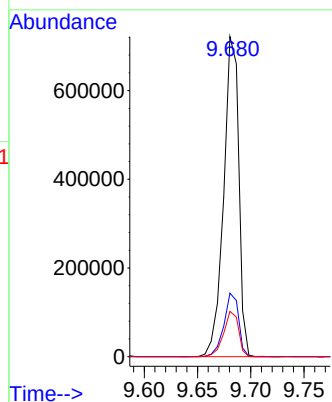
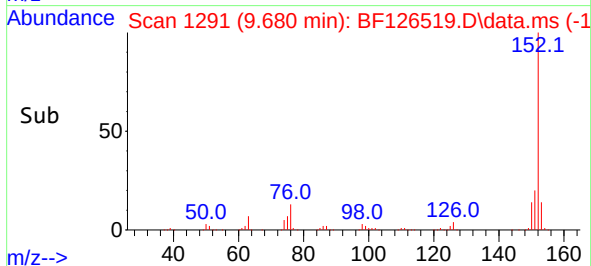


Tgt Ion:152 Resp: 710375
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 14.2 11.4 17.0

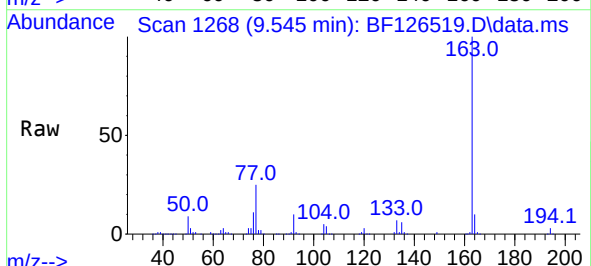
Manual Integrations

APPROVED

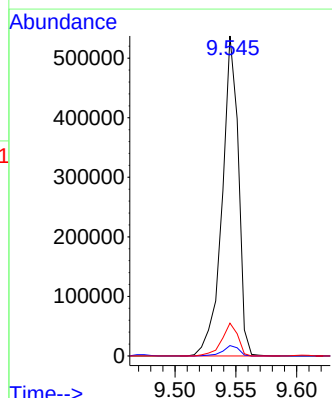
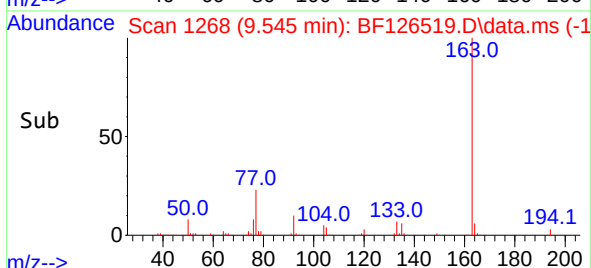
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

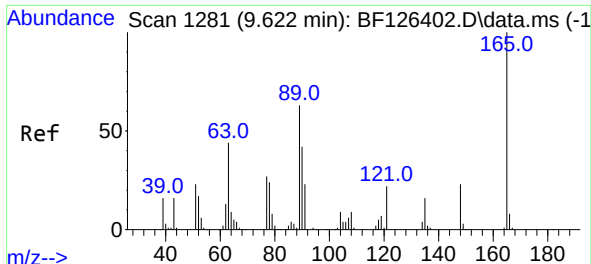


#50
Dimethylphthalate
Concen: 44.922 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:163 Resp: 499154
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 10.3 7.8 11.8





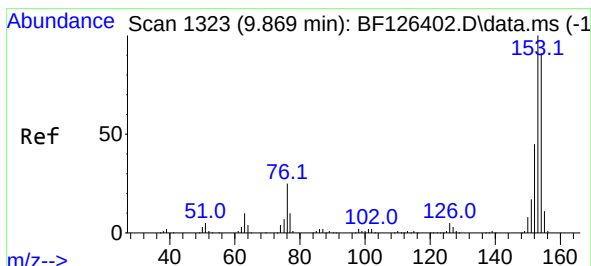
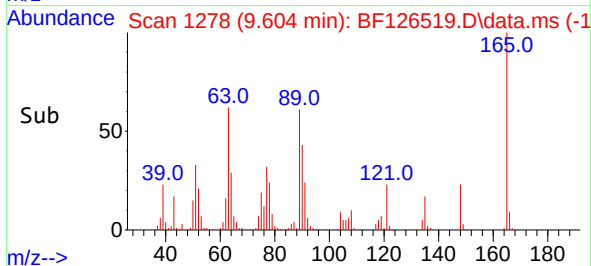
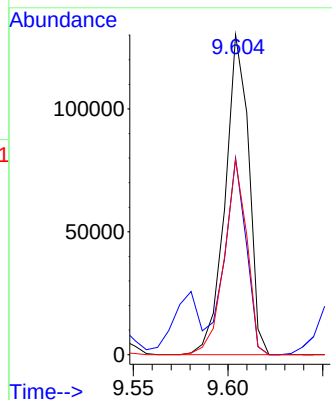
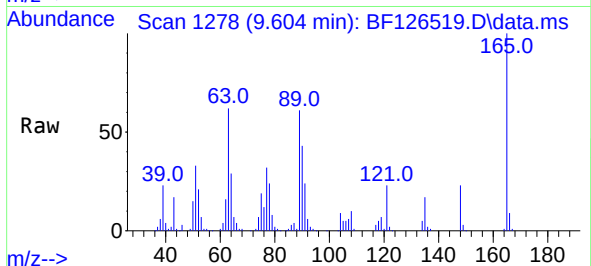
#51
2,6-Dinitrotoluene
Concen: 47.051 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :
BNA_F
ClientSampleId :
72-11944MSD

Tgt Ion:165 Resp: 11290
Ion Ratio Lower Upper
165 100
63 61.5 48.4 72.6
89 60.9 50.5 75.7

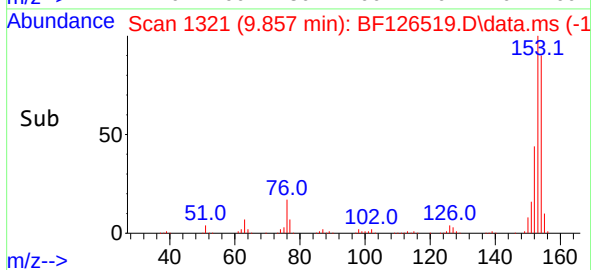
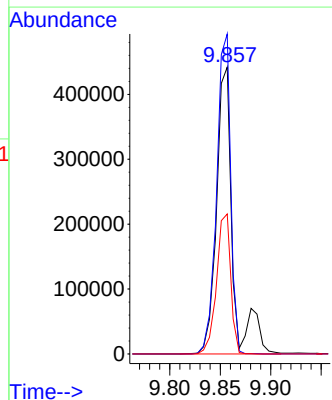
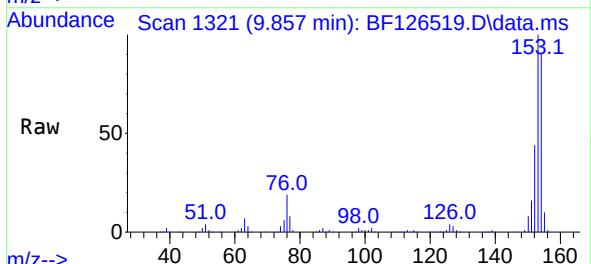
Manual Integrations
APPROVED

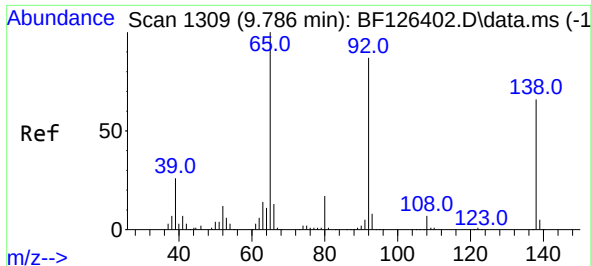
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#52
Acenaphthene
Concen: 50.441 ng m
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Tgt Ion:154 Resp: 495921
Ion Ratio Lower Upper
154 100
153 111.6 87.8 131.6
152 48.8 39.4 59.2





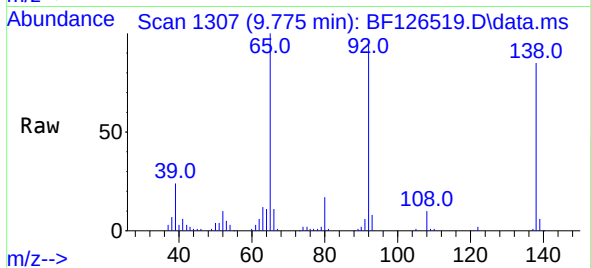
#53
3-Nitroaniline
Concen: 18.067 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

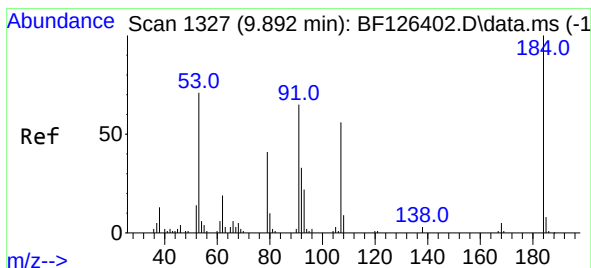
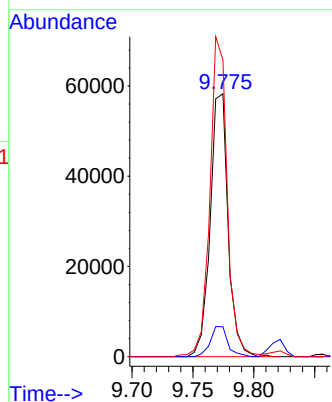


Tgt Ion:138 Resp: 5944
Ion Ratio Lower Upper
138 100
108 11.4 8.6 13.0
92 112.9 105.0 157.6

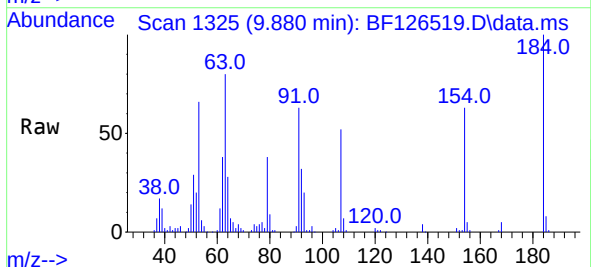
Manual Integrations

APPROVED

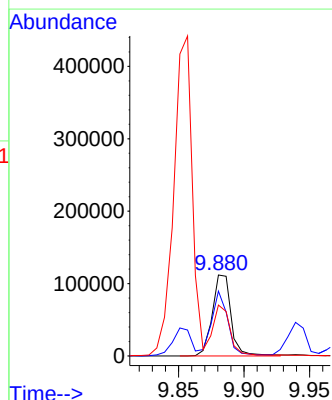
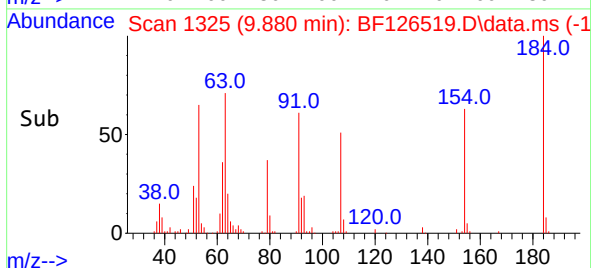
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

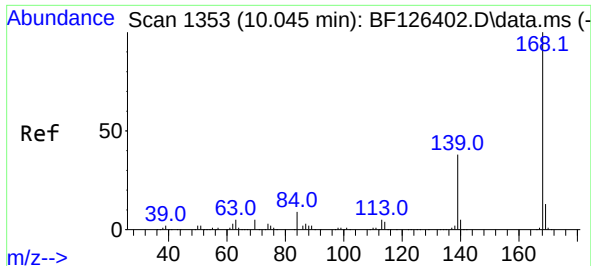


#54
2,4-Dinitrophenol
Concen: 89.965 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:184 Resp: 111591
Ion Ratio Lower Upper
184 100
63 80.1 70.4 105.6
154 62.8 49.7 74.5





#55
Dibenzenofuran
Concen: 45.340 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

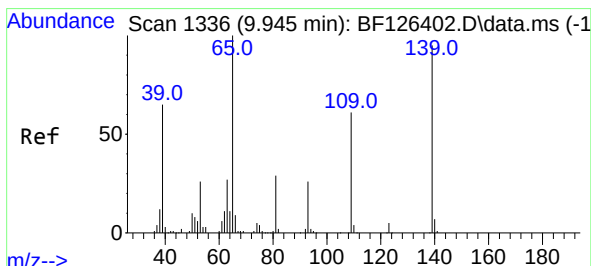
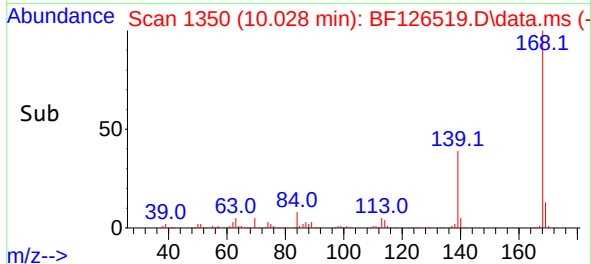
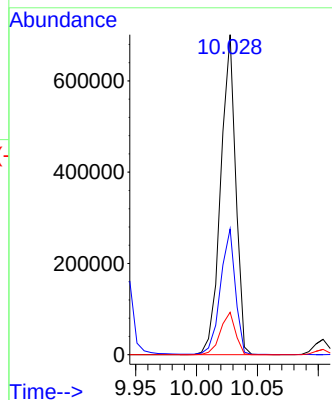
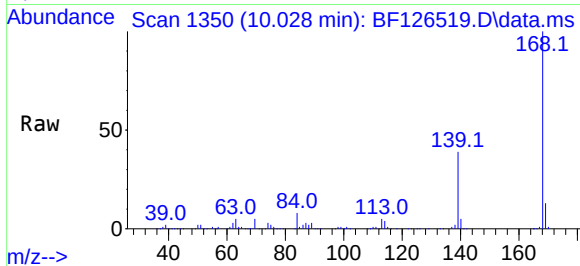
72-11944MSD

Tgt Ion:168 Resp: 602610
Ion Ratio Lower Upper
168 100
139 39.3 30.6 46.0
169 13.2 10.0 15.0

Manual Integrations

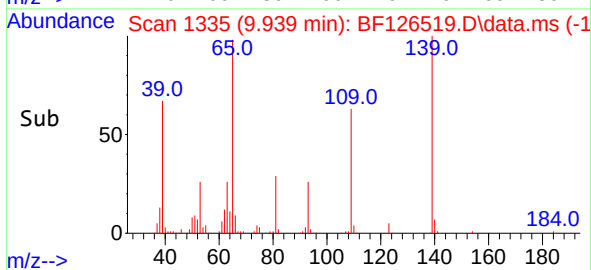
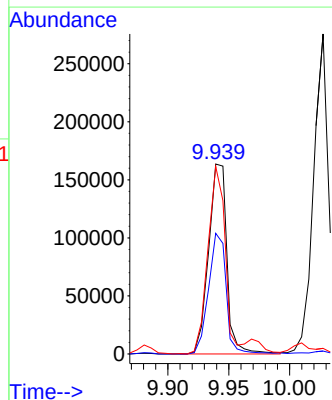
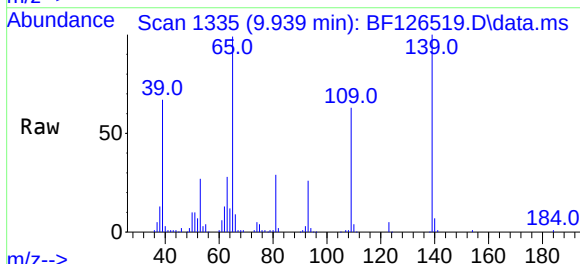
APPROVED

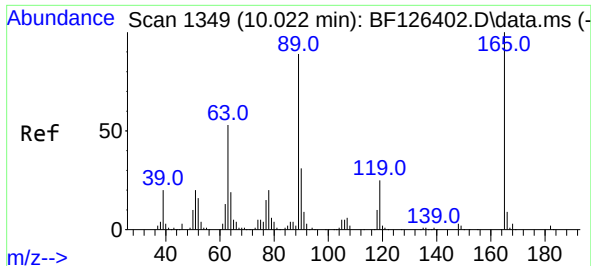
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#56
4-Nitrophenol
Concen: 73.208 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Tgt Ion:139 Resp: 171305
Ion Ratio Lower Upper
139 100
109 63.5 44.1 84.1
65 98.7 85.5 125.5





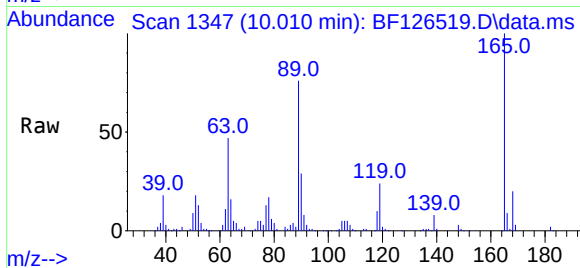
#57
2,4-Dinitrotoluene
Concen: 45.342 ng
RT: 10.010 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

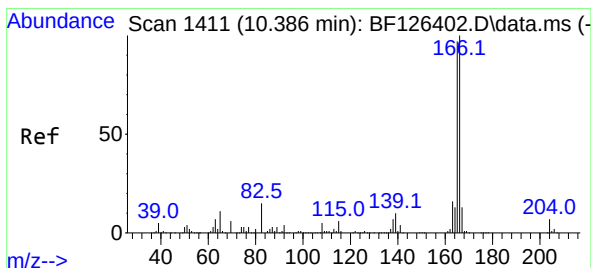
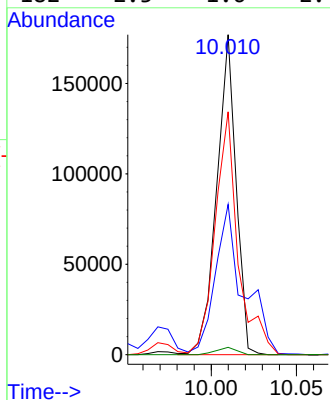
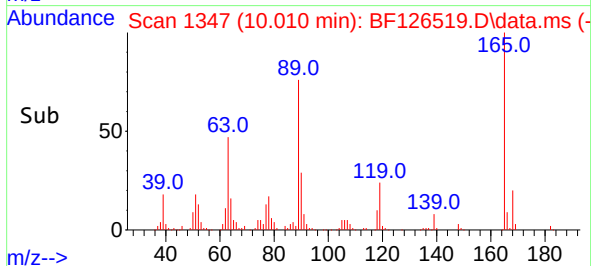


Tgt Ion:165 Resp: 140378
Ion Ratio Lower Upper
165 100
63 46.9 43.0 64.6
89 75.9 71.0 106.4
182 2.3 1.6 2.4

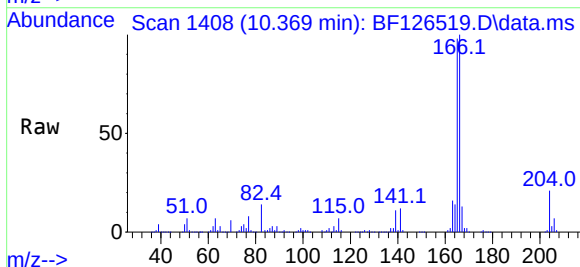
Manual Integrations

APPROVED

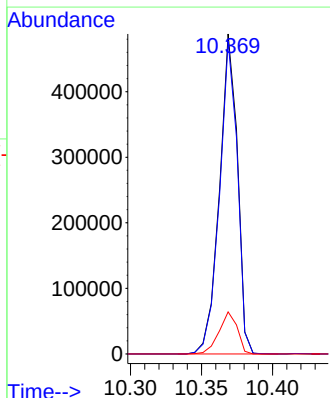
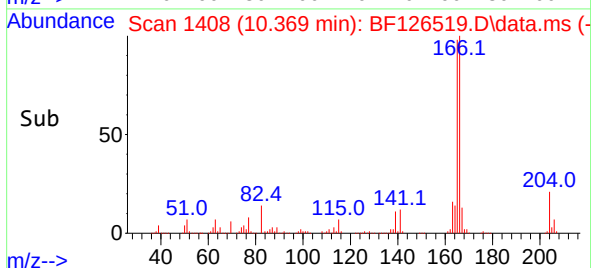
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

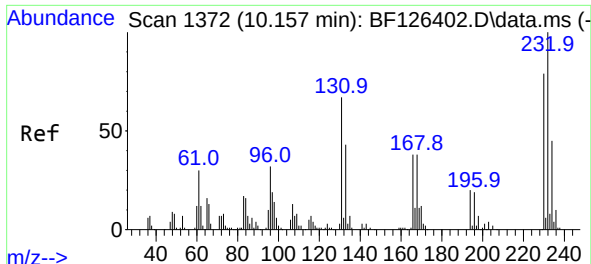


#58
Fluorene
Concen: 45.583 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:166 Resp: 428358
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.2 10.7 16.1





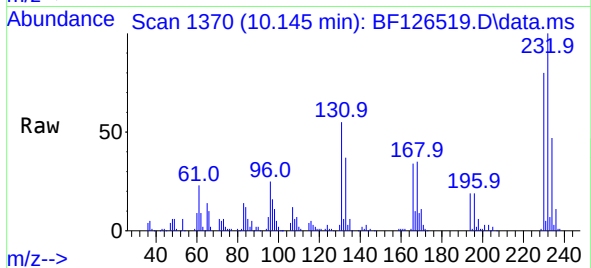
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.283 ng
RT: 10.145 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

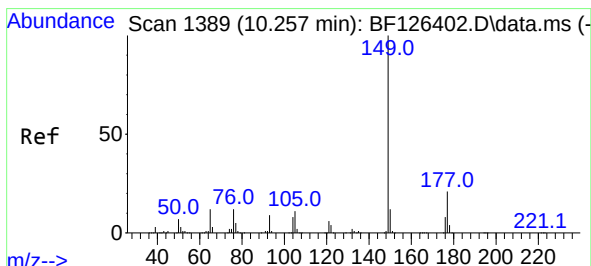
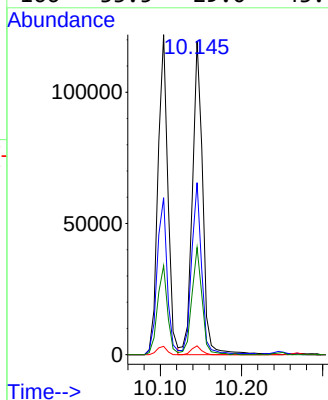
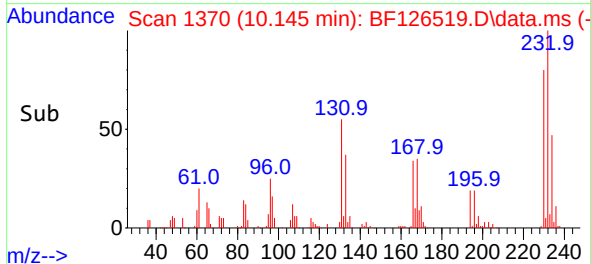


Tgt Ion:232 Resp: 106698
Ion Ratio Lower Upper
232 100
131 53.2 50.0 75.0
130 2.6 2.2 3.2
166 33.5 29.0 43.4

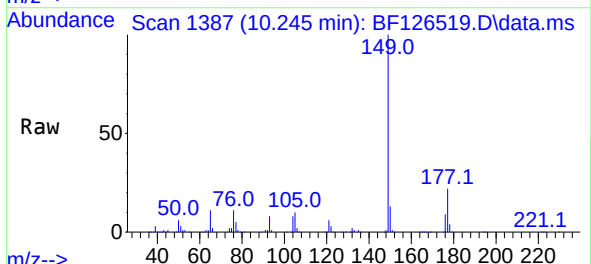
Manual Integrations

APPROVED

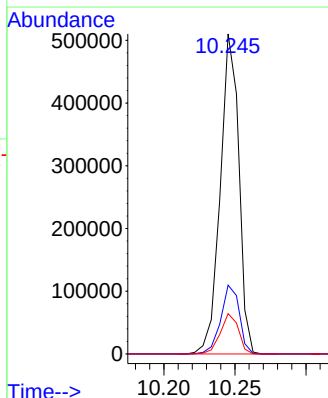
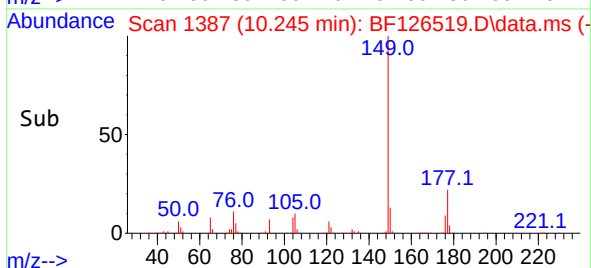
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

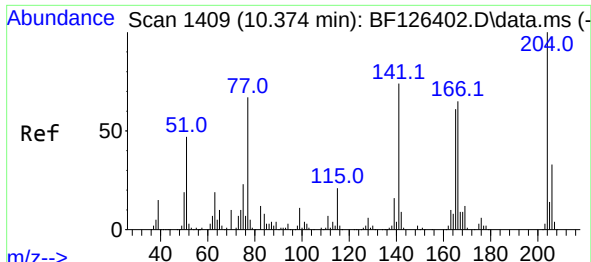


#60
Diethylphthalate
Concen: 43.270 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



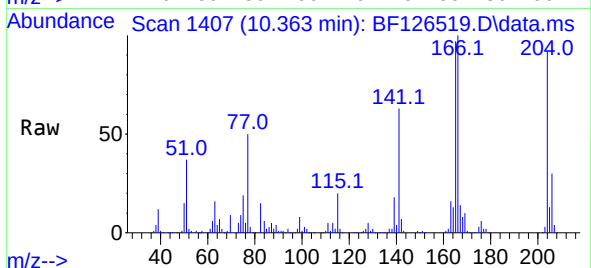
Tgt Ion:149 Resp: 463378
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 45.313 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

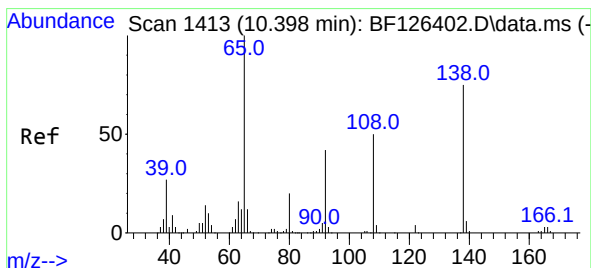
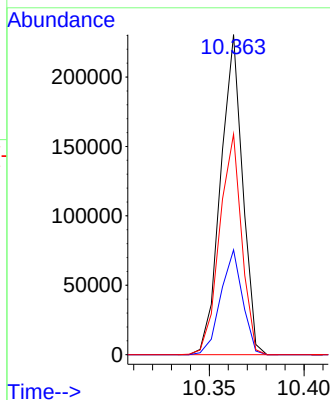
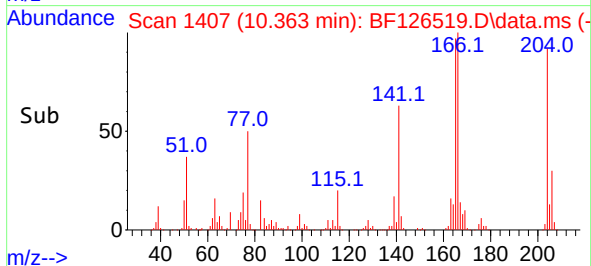
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



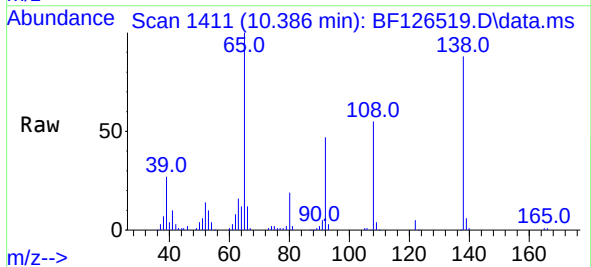
Tgt Ion:204 Resp: 18582
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 68.9 59.0 88.6

Manual Integrations
APPROVED

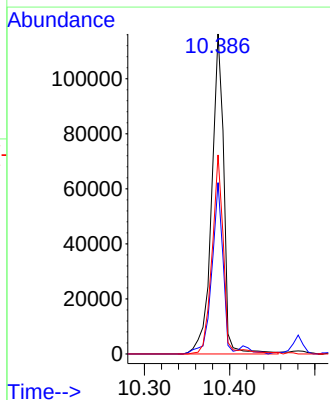
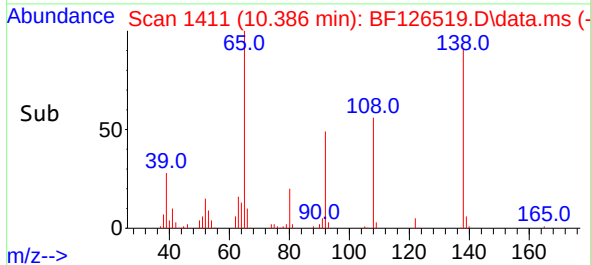
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

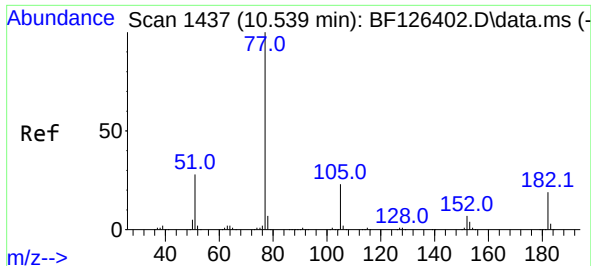


#62
4-Nitroaniline
Concen: 37.376 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:138 Resp: 115819
Ion Ratio Lower Upper
138 100
92 53.5 36.2 76.2
108 62.2 46.7 86.7





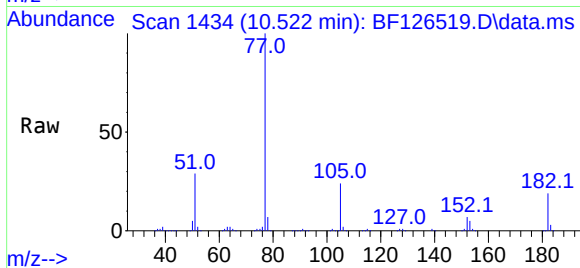
#63
Azobenzene
Concen: 39.790 ng
RT: 10.522 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

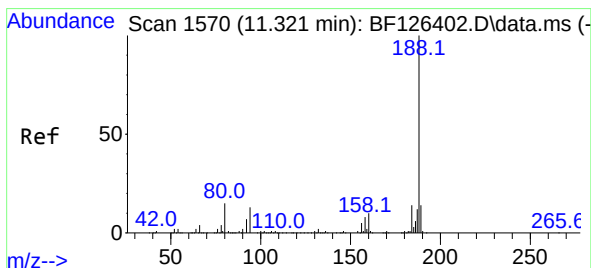
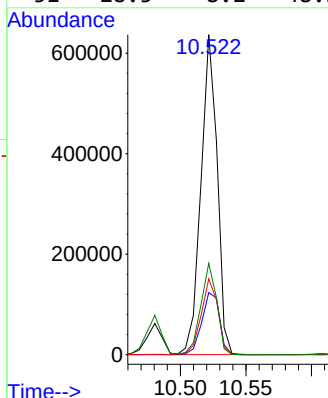
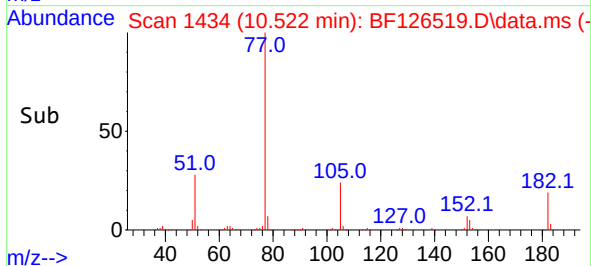


Tgt Ion: 77 Resp: 54884
Ion Ratio Lower Upper
77 100
182 19.4 0.0 39.0
105 23.7 3.2 43.2
51 28.5 8.2 48.2

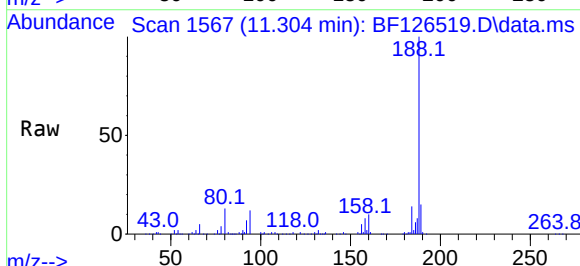
Manual Integrations

APPROVED

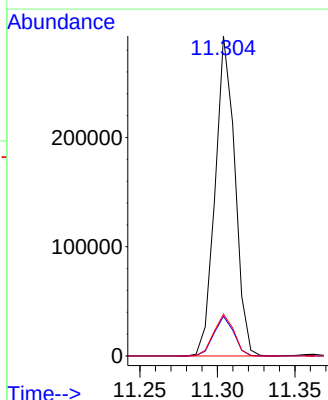
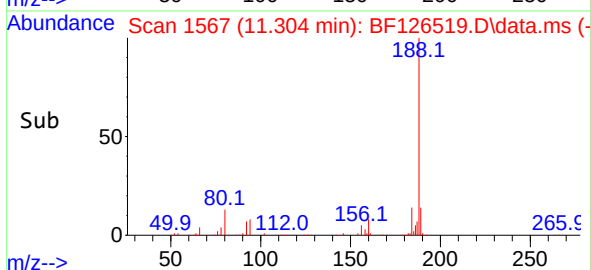
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

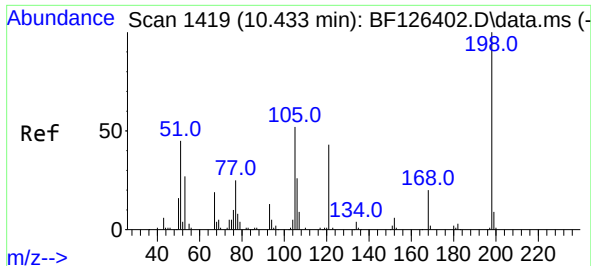


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:188 Resp: 259807
Ion Ratio Lower Upper
188 100
94 12.4 10.1 15.1
80 13.1 11.8 17.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.333 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

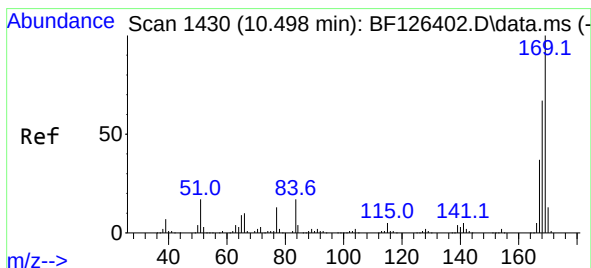
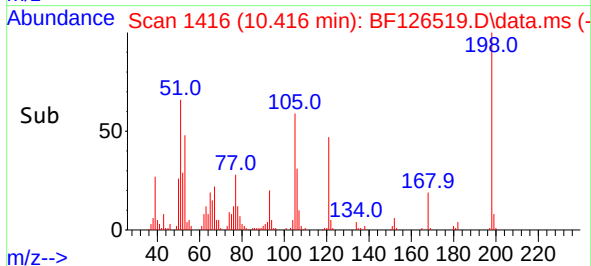
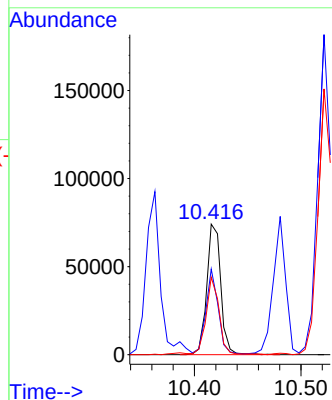
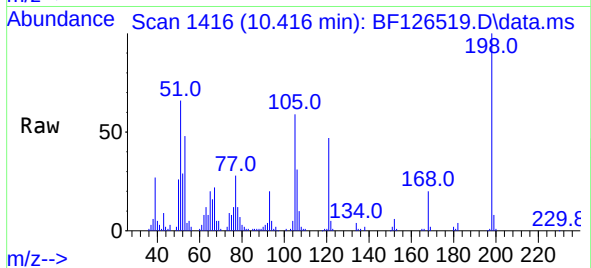
72-11944MSD

Tgt Ion:198 Resp: 68000
Ion Ratio Lower Upper
198 100
51 65.6 32.0 72.0
105 59.3 32.7 72.7

Manual Integrations

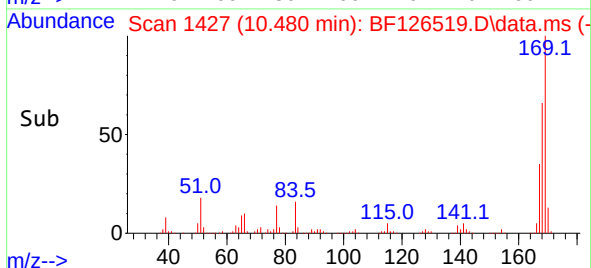
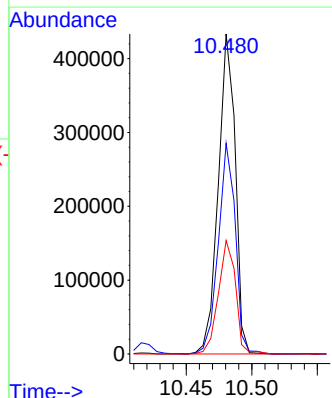
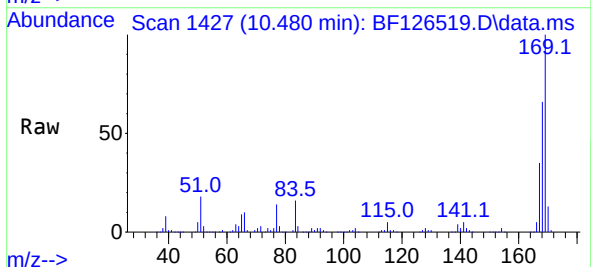
APPROVED

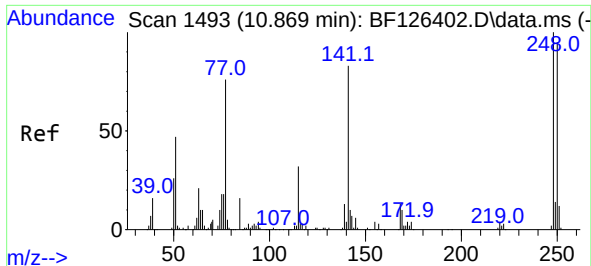
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#66
n-Nitrosodiphenylamine
Concen: 48.338 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Tgt Ion:169 Resp: 389630
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.0
167 35.5 29.4 44.0





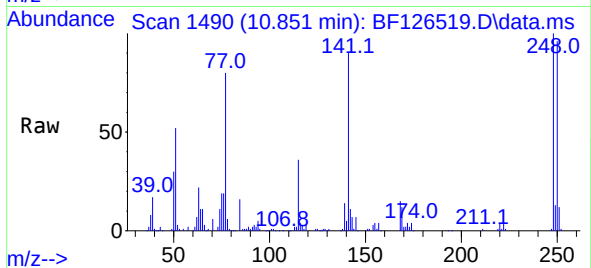
#67
4-Bromophenyl-phenylether
Concen: 49.842 ng
RT: 10.851 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

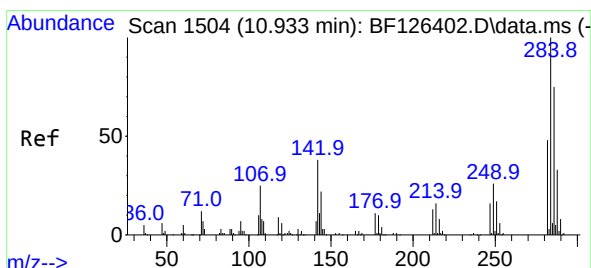
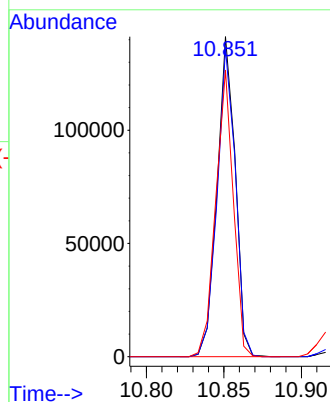
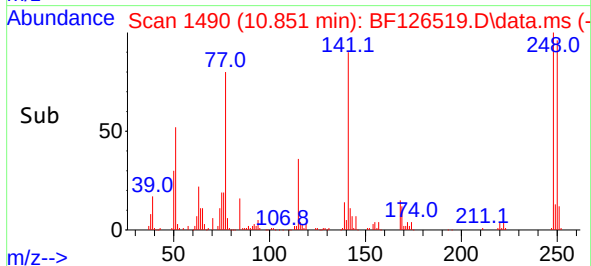


Tgt Ion:248 Resp: 114939
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.4
141 89.6 66.2 99.4

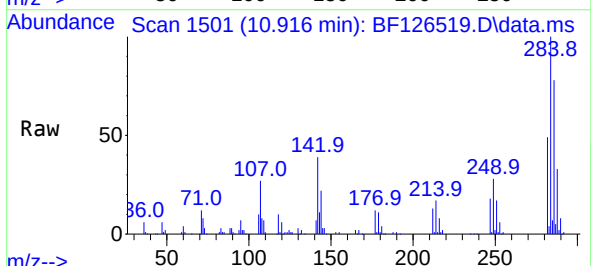
Manual Integrations

APPROVED

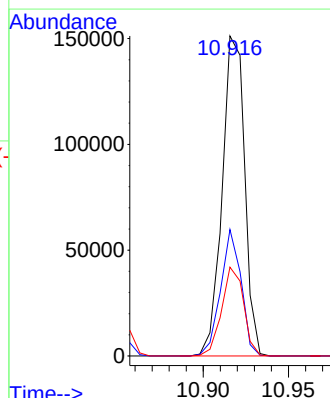
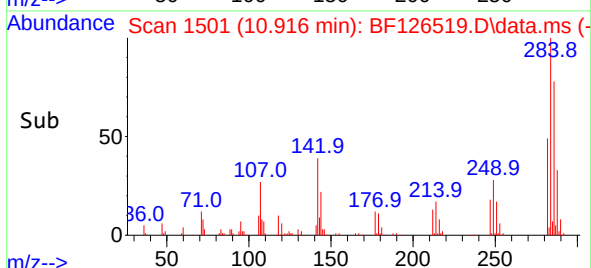
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

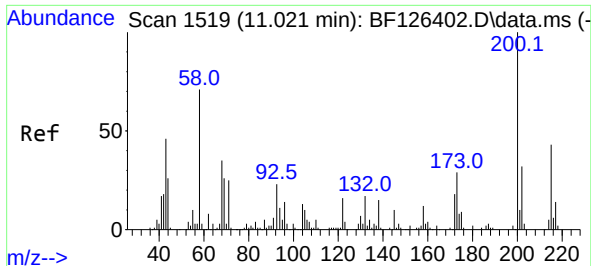


#68
Hexachlorobenzene
Concen: 51.699 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



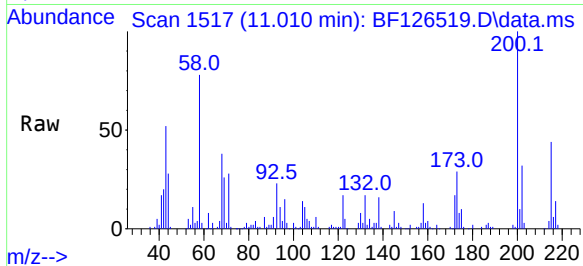
Tgt Ion:284 Resp: 138675
Ion Ratio Lower Upper
284 100
142 39.5 30.7 46.1
249 27.8 21.1 31.7





#69
Atrazine
Concen: 75.213 ng
RT: 11.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

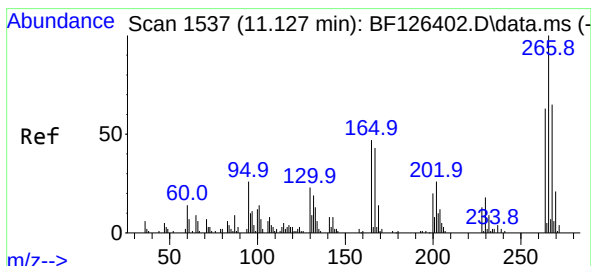
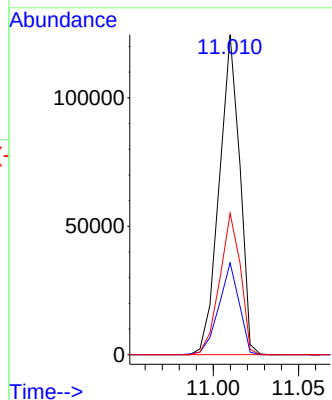
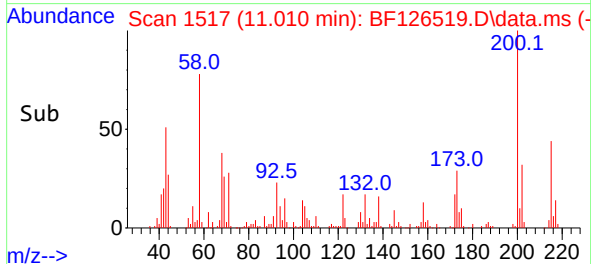
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



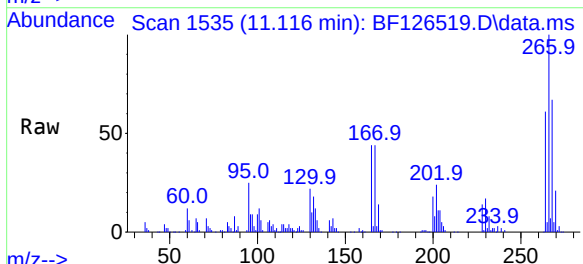
Tgt Ion:200 Resp: 104394
Ion Ratio Lower Upper
200 100
173 28.7 9.2 49.2
215 44.2 23.2 63.2

Manual Integrations
APPROVED

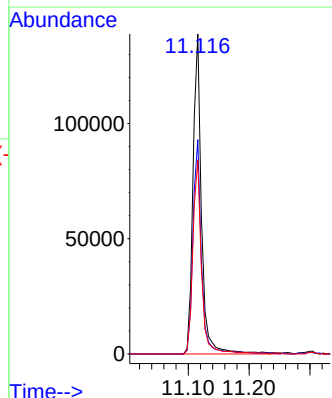
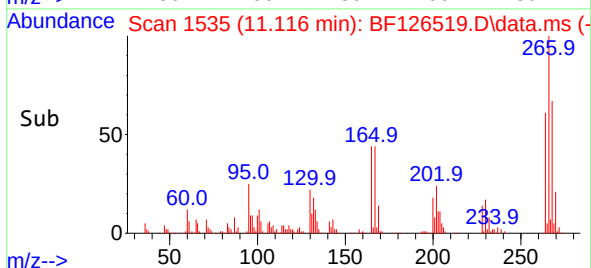
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

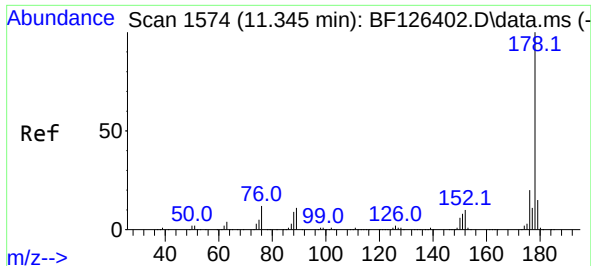


#70
Pentachlorophenol
Concen: 104.070 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



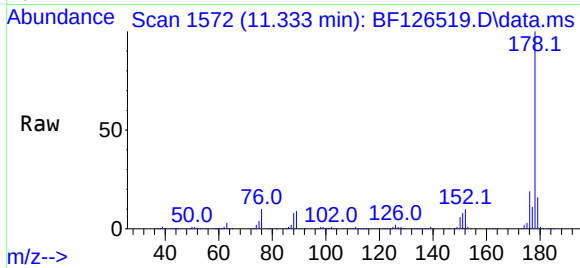
Tgt Ion:266 Resp: 135678
Ion Ratio Lower Upper
266 100
268 67.0 52.3 78.5
264 60.7 50.4 75.6





#71
Phenanthrene
Concen: 46.512 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

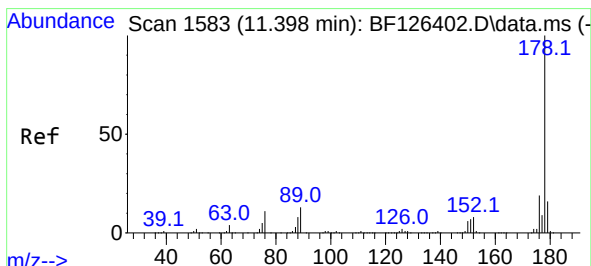
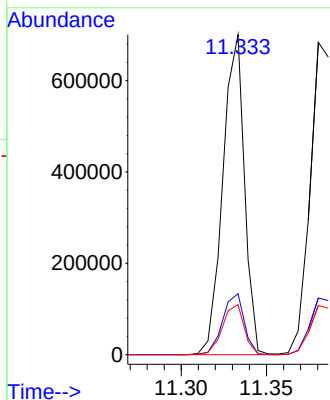
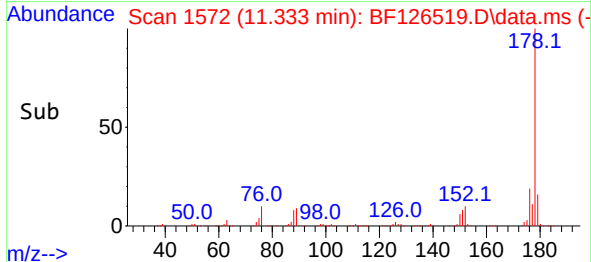
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



Tgt Ion:178 Resp: 61779
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.6 12.3 18.5

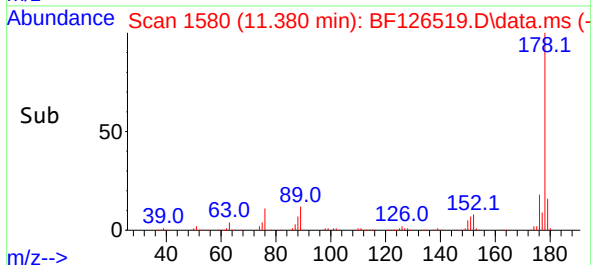
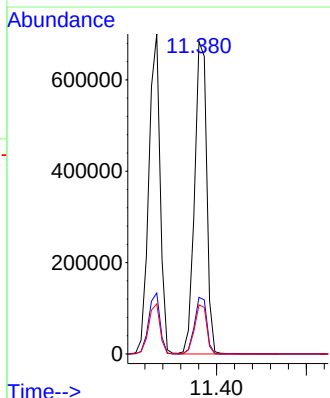
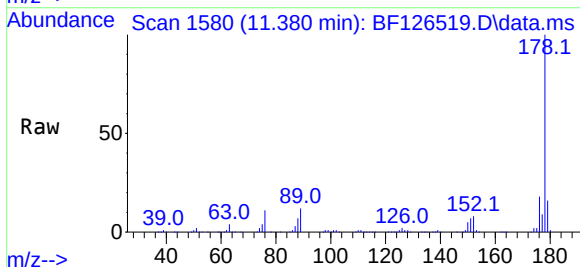
Manual Integrations
APPROVED

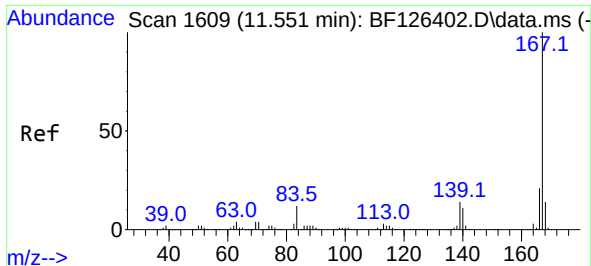
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#72
Anthracene
Concen: 48.196 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

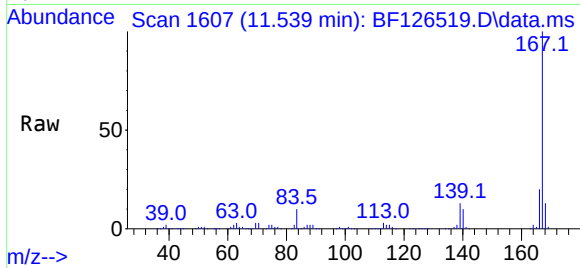
Tgt Ion:178 Resp: 640562
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 42.488 ng
 RT: 11.539 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF126519.D
 Acq: 6 Jan 2022 15:50

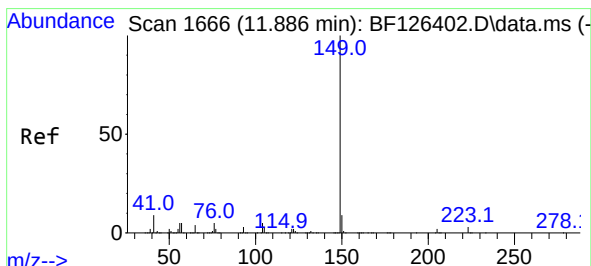
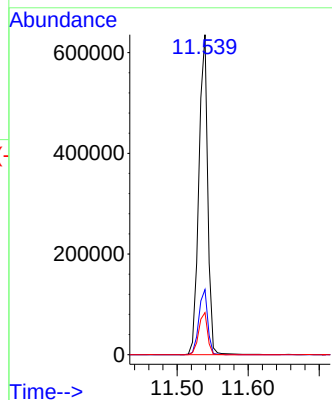
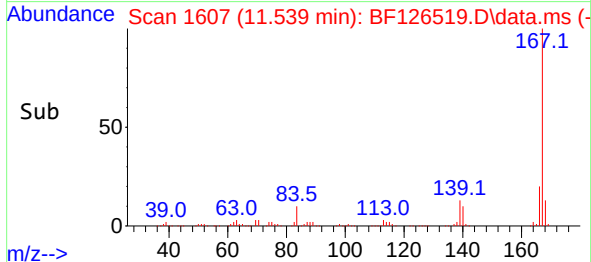
Instrument :
 BNA_F
 ClientSampleId :
 72-11944MSD



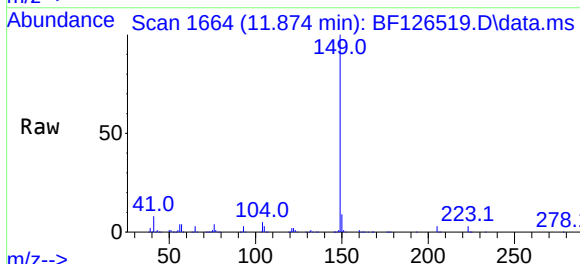
Tgt Ion:167 Resp: 55296
 Ion Ratio Lower Upper
 167 100
 166 20.3 16.9 25.3
 139 13.2 11.3 16.9

Manual Integrations
 APPROVED

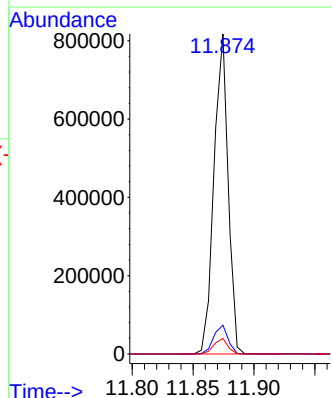
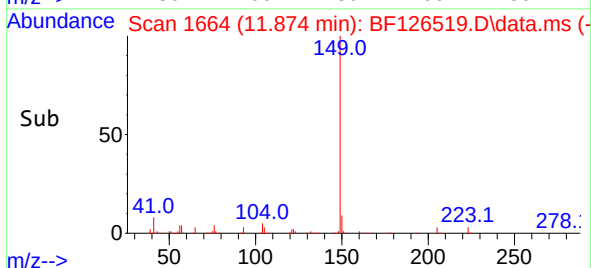
Reviewed By :Christian Giraldo 01/07/2022
 Supervised By :Jagrut Upadhyay 01/07/2022

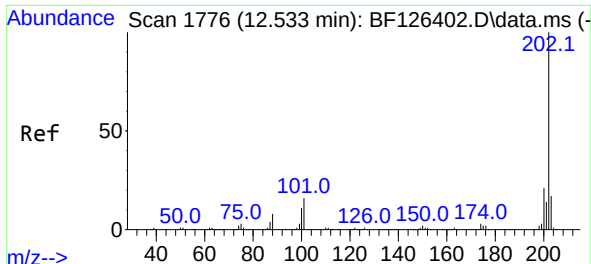


#74
 Di-n-butylphthalate
 Concen: 44.494 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF126519.D
 Acq: 6 Jan 2022 15:50



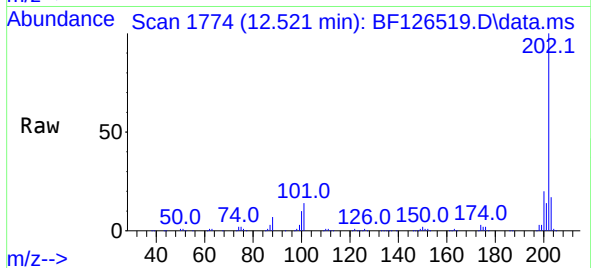
Tgt Ion:149 Resp: 659262
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 44.427 ng
RT: 12.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

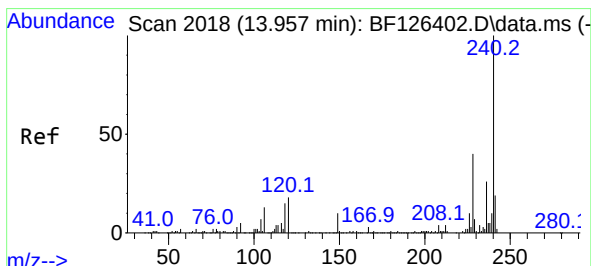
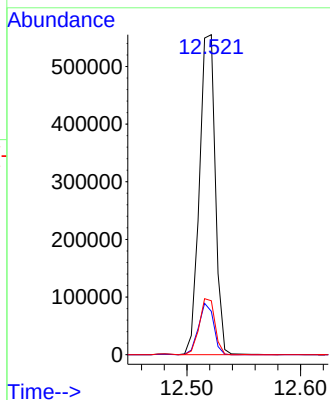
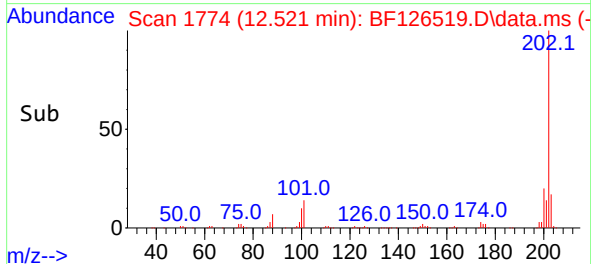
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



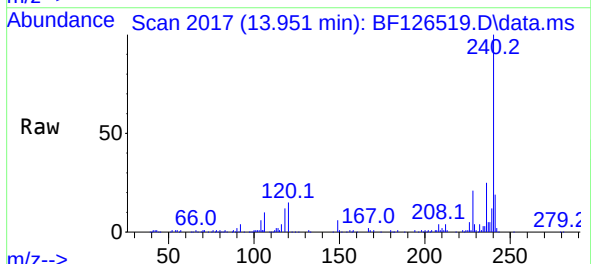
Tgt Ion:202 Resp: 53858
Ion Ratio Lower Upper
202 100
101 13.6 0.0 35.7
203 16.9 0.0 37.1

Manual Integrations
APPROVED

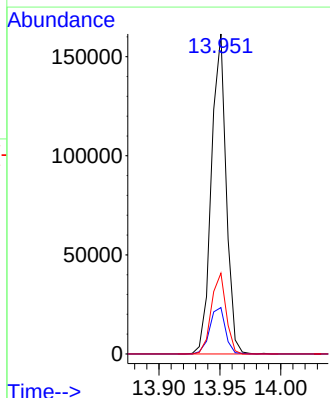
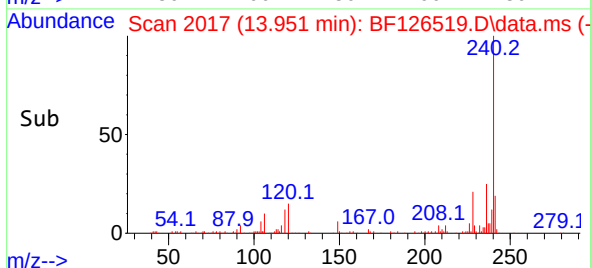
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

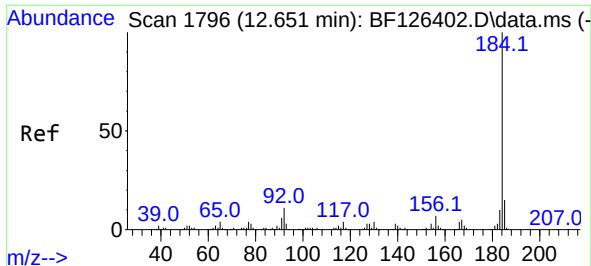


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



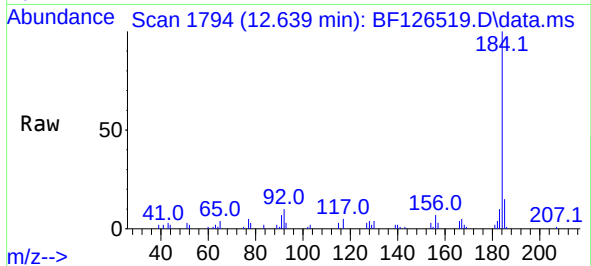
Tgt Ion:240 Resp: 135656
Ion Ratio Lower Upper
240 100
120 14.5 14.4 21.6
236 25.3 20.5 30.7





#77
Benzidine
Concen: 18.555 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

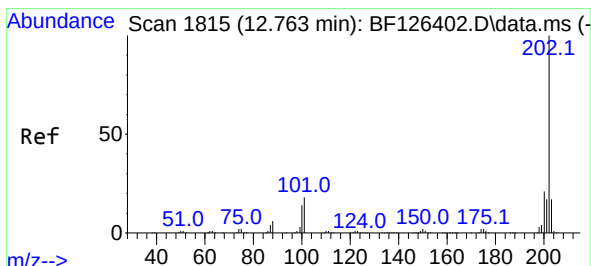
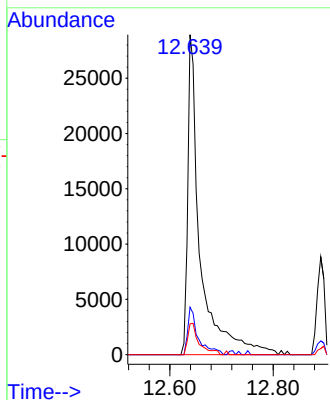
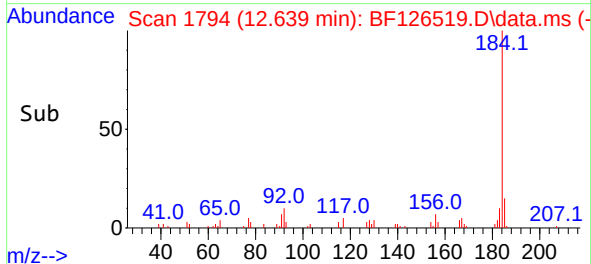
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



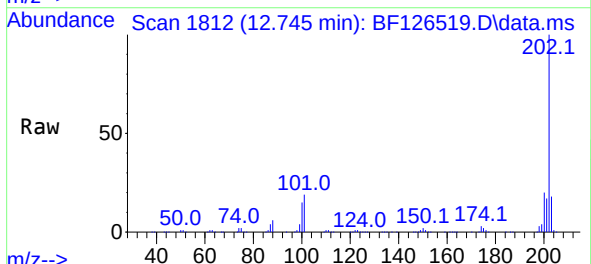
Tgt Ion:184 Resp: 48270
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 9.7 8.2 12.2

Manual Integrations
APPROVED

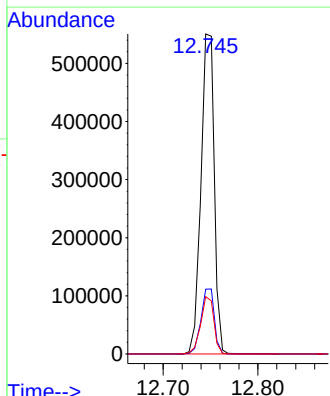
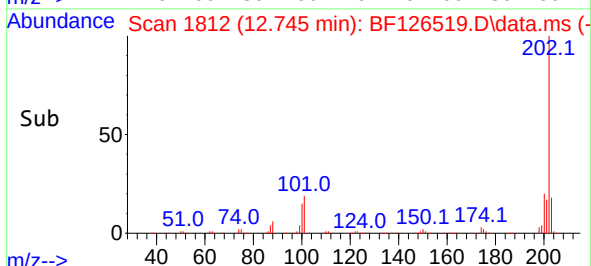
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

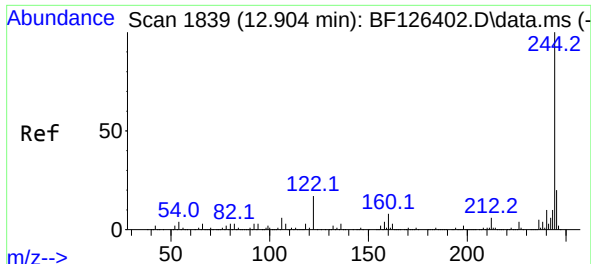


#78
Pyrene
Concen: 47.103 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:202 Resp: 539996
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 17.9 13.8 20.8





#79
 Terphenyl-d14
 Concen: 91.399 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126519.D
 Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

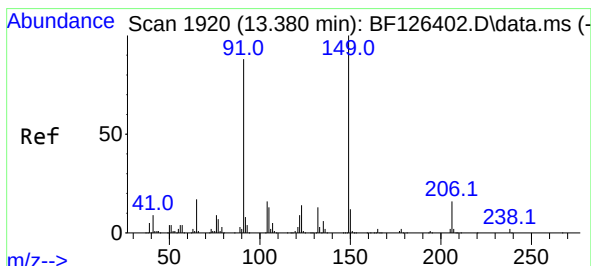
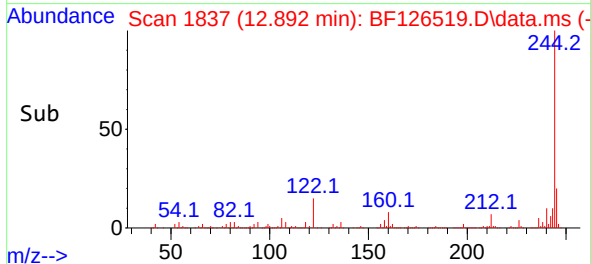
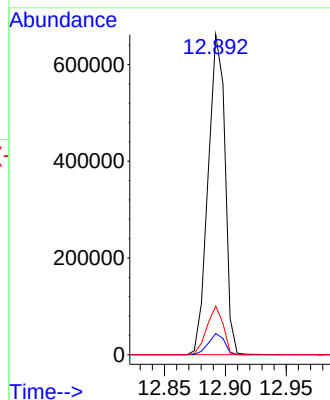
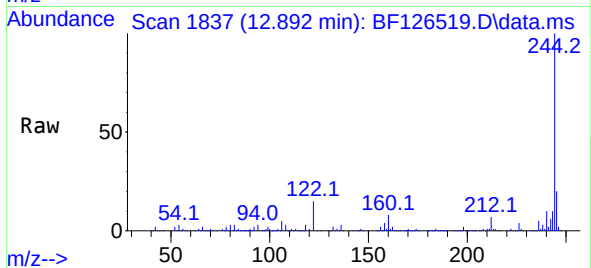
72-11944MSD

Tgt Ion:244 Resp: 63815
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 15.2 13.3 19.9

Manual Integrations

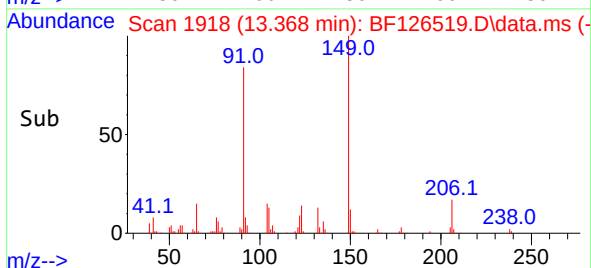
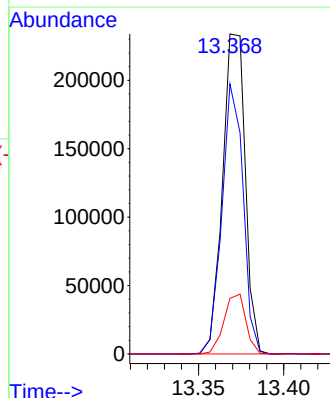
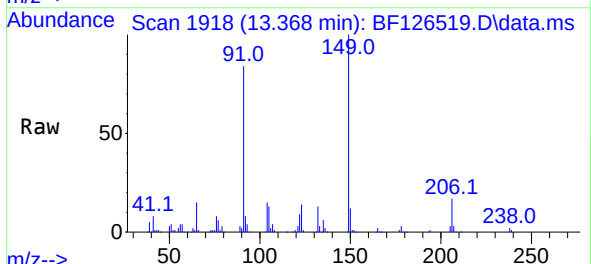
APPROVED

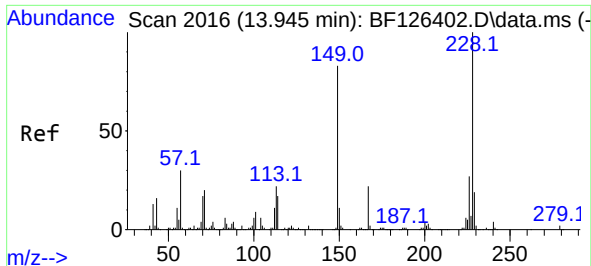
Reviewed By :Christian Giraldo 01/07/2022
 Supervised By :Jagrut Upadhyay 01/07/2022



#80
 Butylbenzylphthalate
 Concen: 42.833 ng
 RT: 13.368 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF126519.D
 Acq: 6 Jan 2022 15:50

Tgt Ion:149 Resp: 217589
 Ion Ratio Lower Upper
 149 100
 91 84.4 70.5 105.7
 206 17.4 12.6 19.0





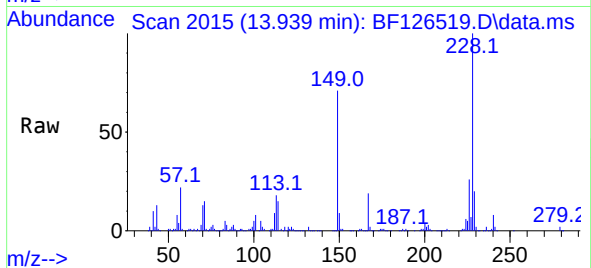
#81
Benzo(a)anthracene
Concen: 45.174 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

72-11944MSD

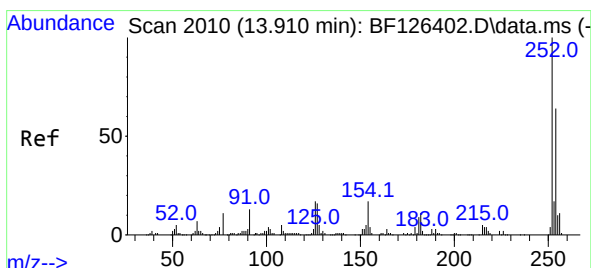
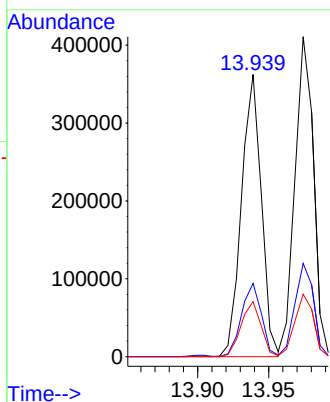
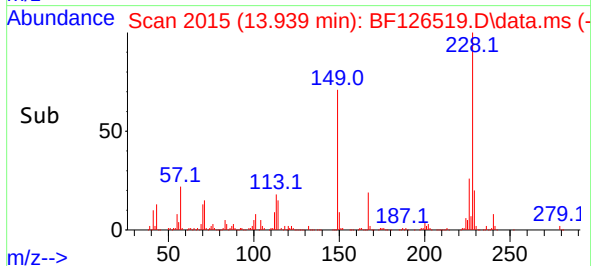


Tgt Ion:228 Resp: 352420
Ion Ratio Lower Upper
228 100
226 26.0 21.4 32.0
229 19.5 15.4 23.2

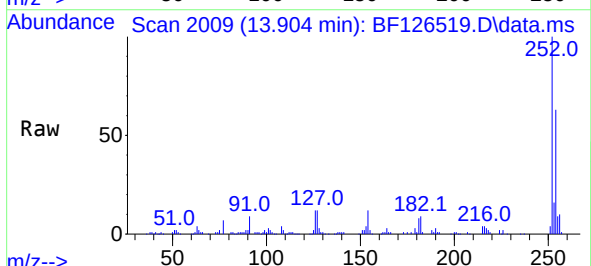
Manual Integrations

APPROVED

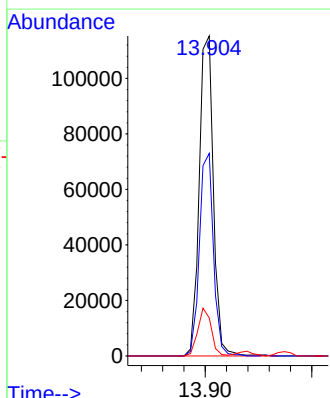
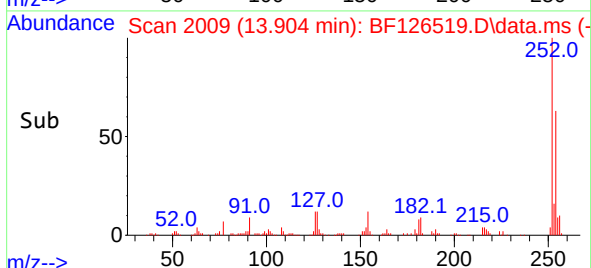
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

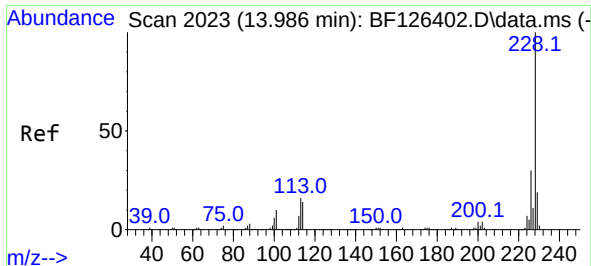


#82
3,3'-Dichlorobenzidine
Concen: 29.421 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:252 Resp: 107082
Ion Ratio Lower Upper
252 100
254 63.3 51.0 76.4
126 11.9 13.4 20.0#





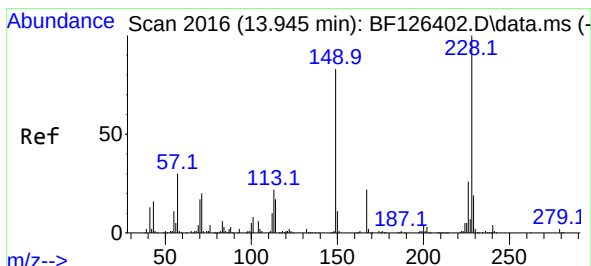
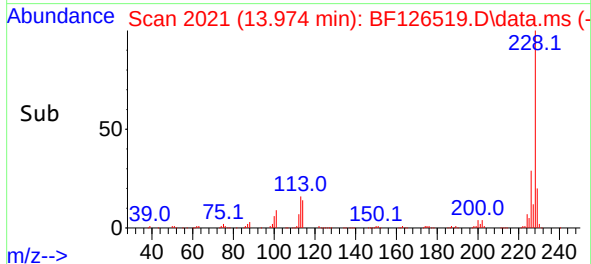
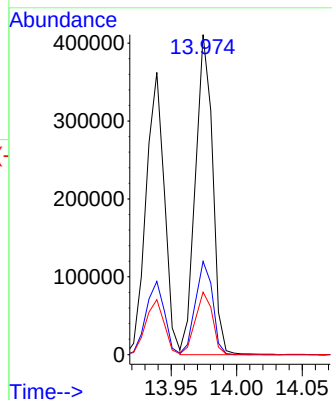
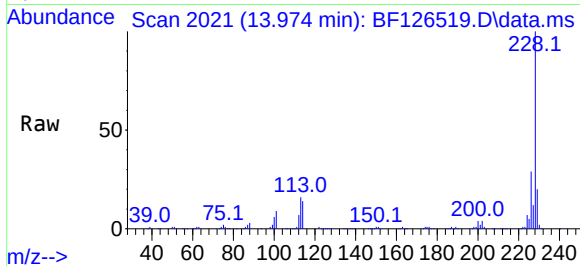
#83
Chrysene
Concen: 46.809 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :
BNA_F
ClientSampleId :
72-11944MSD

Tgt Ion:228 Resp: 37458
Ion Ratio Lower Upper
228 100
226 29.1 23.7 35.5
229 19.6 15.5 23.3

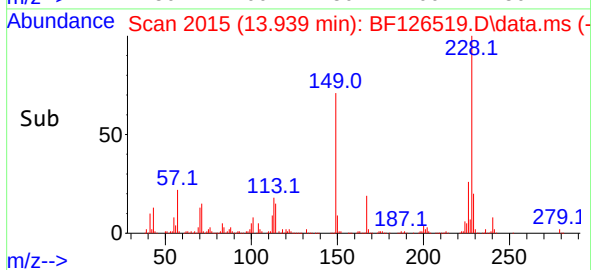
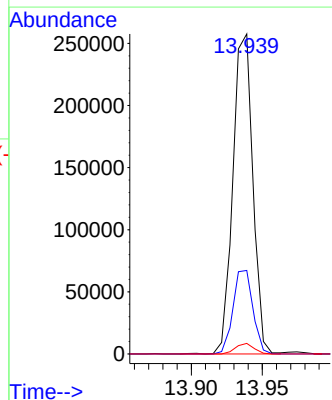
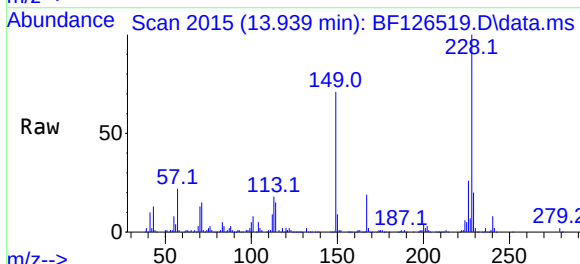
Manual Integrations
APPROVED

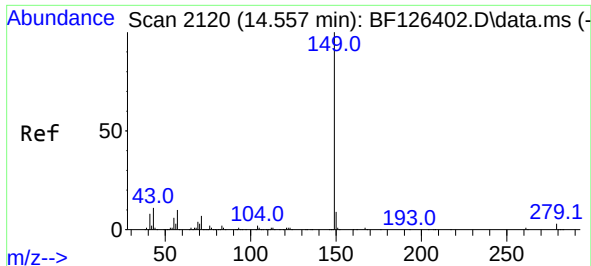
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.826 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

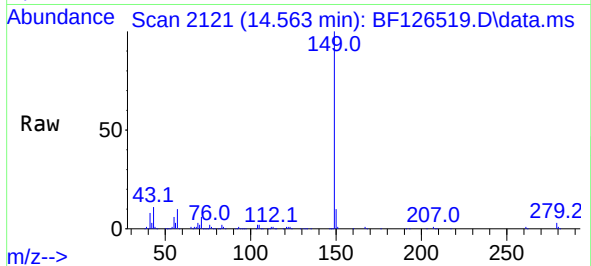
Tgt Ion:149 Resp: 251789
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.2
279 3.3 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 50.246 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

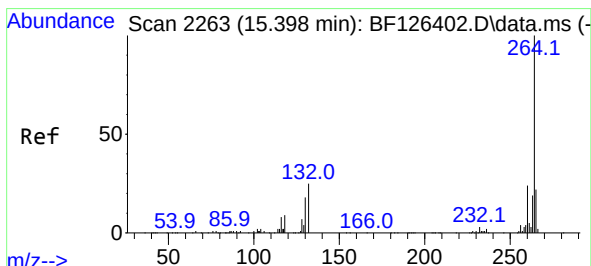
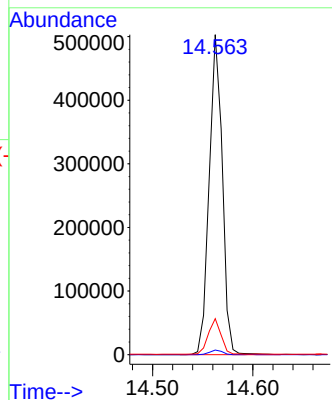
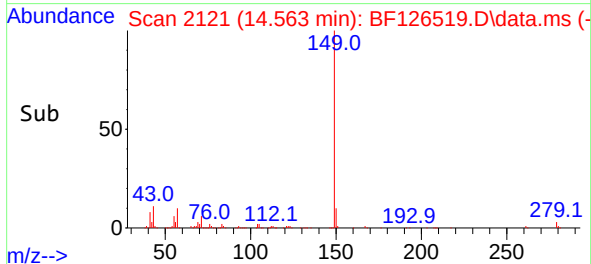
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



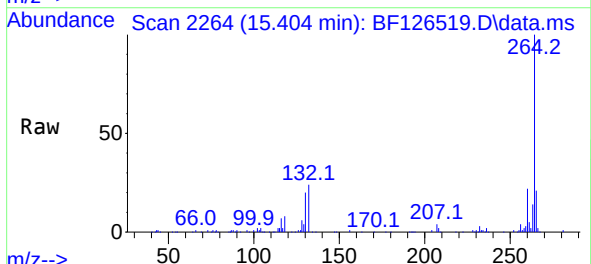
Tgt Ion:149 Resp: 458760
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.8 9.9 14.9

Manual Integrations
APPROVED

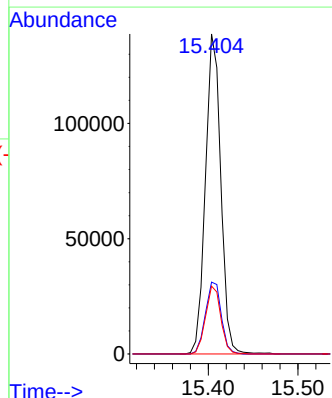
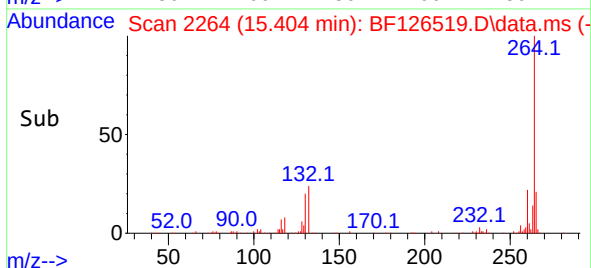
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

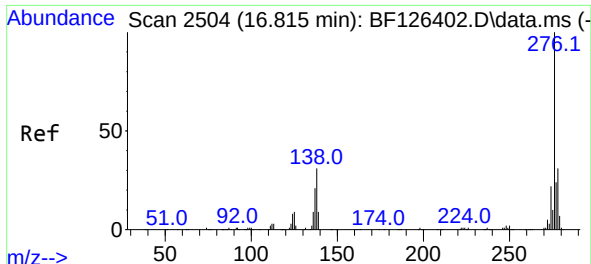


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.018 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:264 Resp: 164815
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 21.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.564 ng
RT: 16.839 min Scan# 2194
Delta R.T. 0.029 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

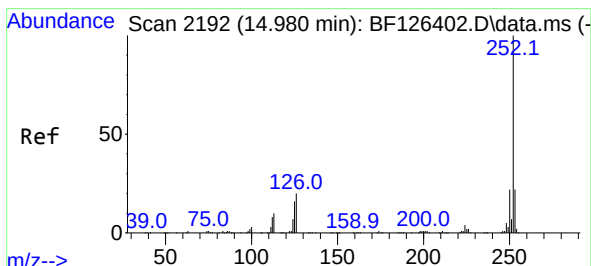
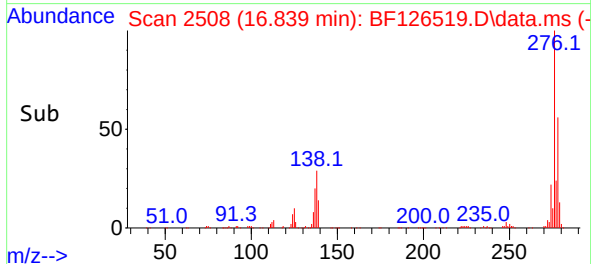
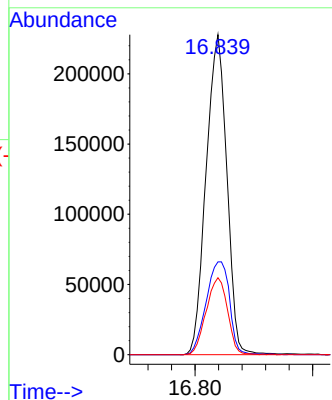
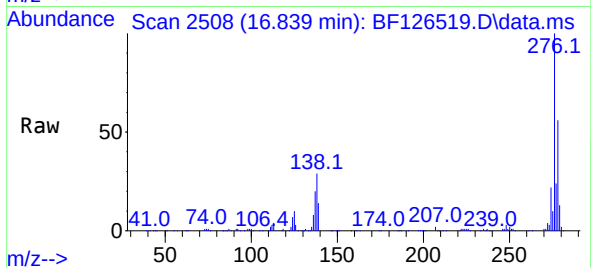
72-11944MSD

Tgt Ion:276 Resp: 55773
Ion Ratio Lower Upper
276 100
138 32.8 29.2 43.8
277 24.7 19.8 29.8

Manual Integrations

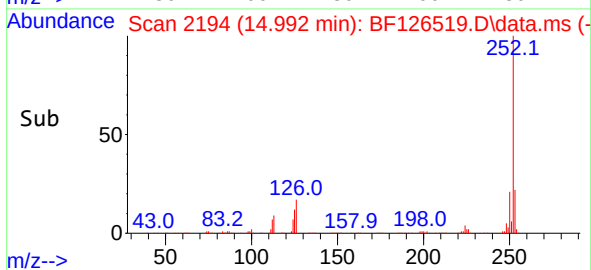
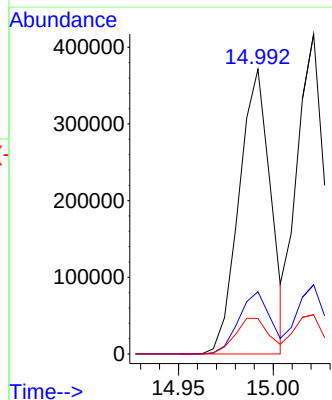
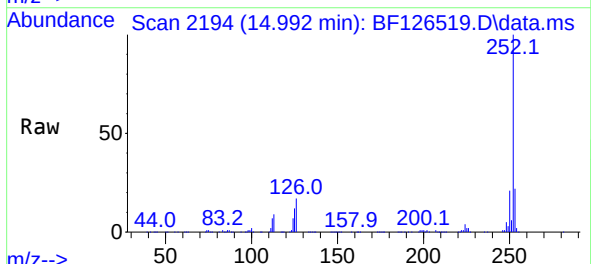
APPROVED

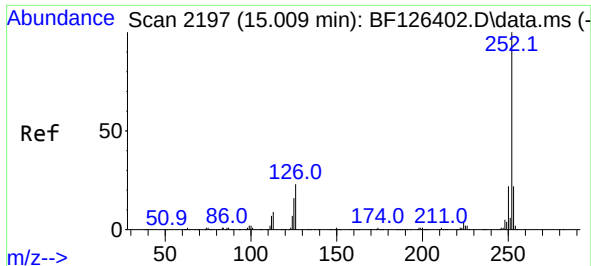
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#88
Benzo(b)fluoranthene
Concen: 43.942 ng
RT: 14.992 min Scan# 2194
Delta R.T. 0.018 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

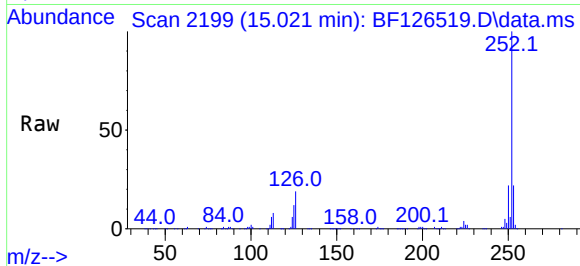
Tgt Ion:252 Resp: 431437
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 12.5 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 44.104 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.018 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

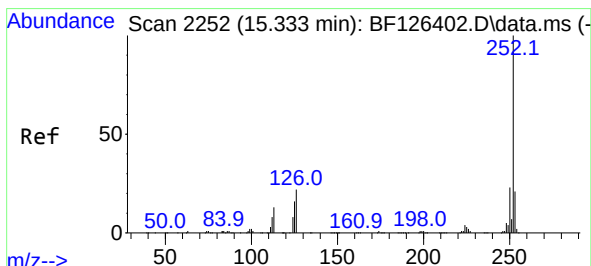
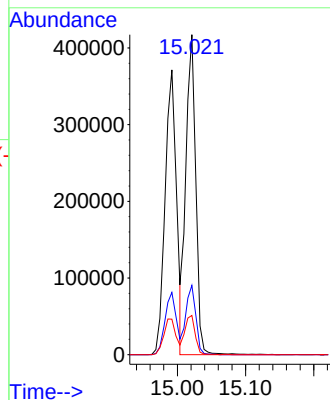
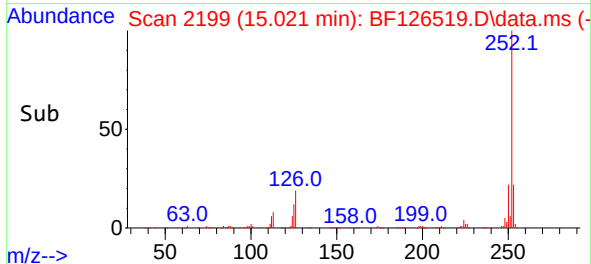
Instrument :
BNA_F
ClientSampleId :
72-11944MSD



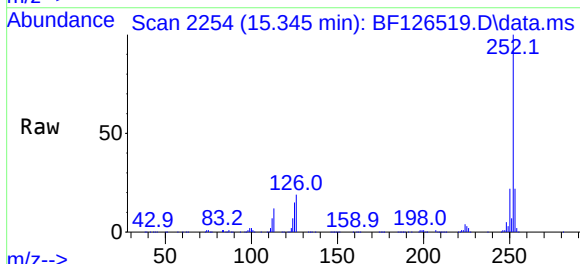
Tgt Ion:252 Resp: 419478
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 12.3 11.8 17.6

Manual Integrations
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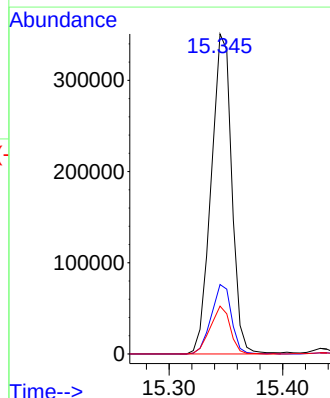
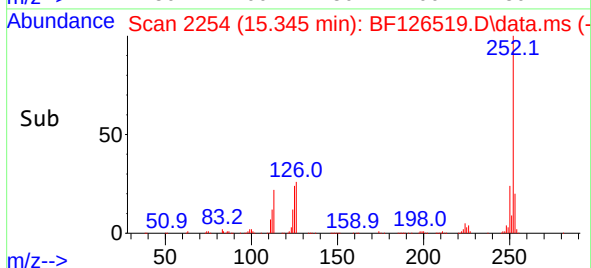
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

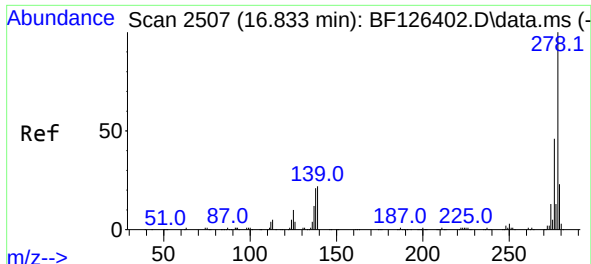


#90
Benzo(a)pyrene
Concen: 53.510 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.018 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50



Tgt Ion:252 Resp: 440523
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 15.0 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 52.061 ng
RT: 16.856 min Scan# 2511
Delta R.T. 0.035 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Instrument :

BNA_F

ClientSampleId :

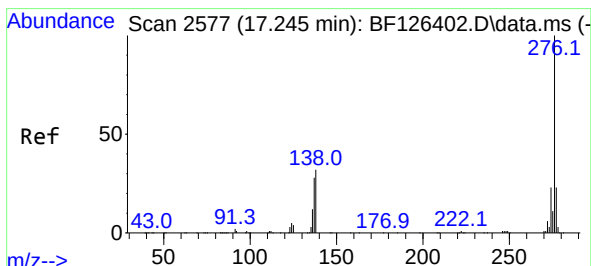
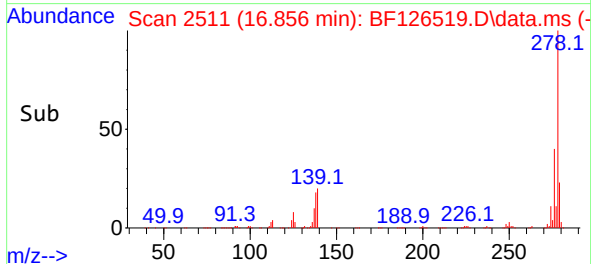
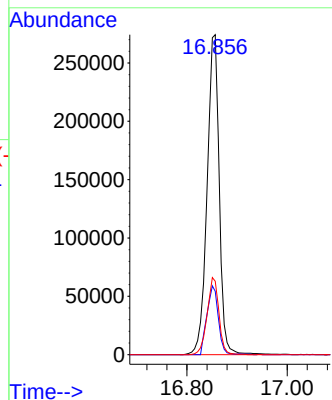
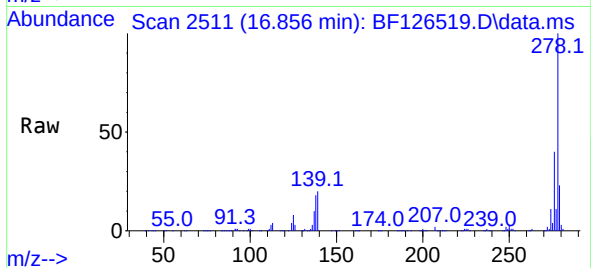
72-11944MSD

Tgt Ion:278 Resp: 463370
Ion Ratio Lower Upper
278 100
139 19.8 18.0 27.0
279 23.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#92
Benzo(g,h,i)perylene
Concen: 52.786 ng
RT: 17.268 min Scan# 2581
Delta R.T. 0.035 min
Lab File: BF126519.D
Acq: 6 Jan 2022 15:50

Tgt Ion:276 Resp: 500278
Ion Ratio Lower Upper
276 100
277 24.5 18.5 27.7
138 28.2 25.9 38.9

