

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092022\
 Data File : BP011767.D
 Acq On : 20 Sep 2022 18:41
 Operator : CG/JU
 Sample : PB147694TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147694TB

Quant Time: Sep 21 06:51:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

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

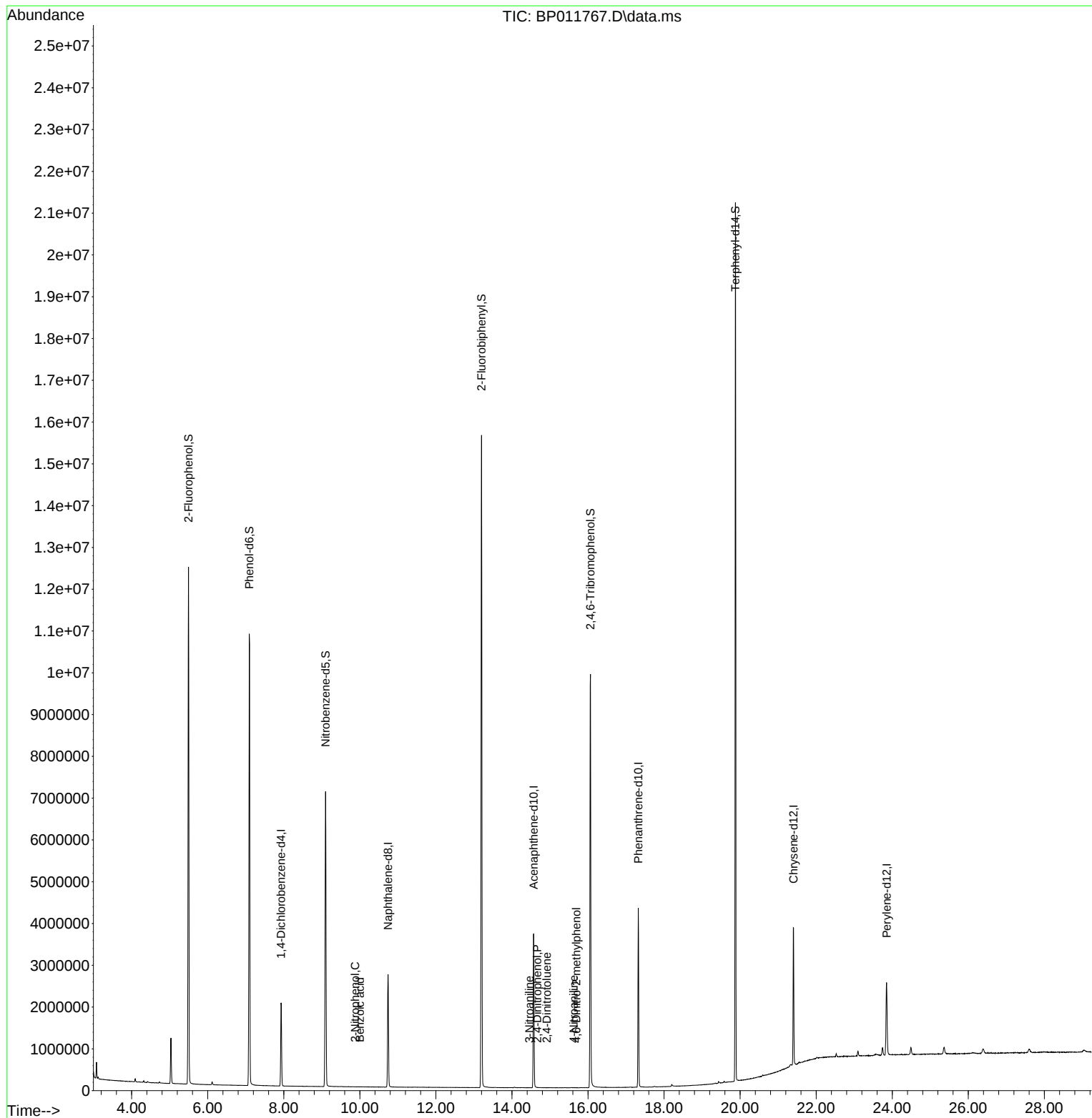
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	535002	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	2233432	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1246295	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	2299617	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	1446589	20.000	ng	# 0.00
86) Perylene-d12	23.851	264	1148886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	5401027	183.756	ng	0.00
7) Phenol-d6	7.093	99	6775675	172.936	ng	0.00
23) Nitrobenzene-d5	9.099	82	4146237	110.100	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1427774	146.622	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	7777197	97.001	ng	0.00
79) Terphenyl-d14	19.875	244	9091313	136.665	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.875	139	49	3.569	ng	# 1
32) Benzoic acid	9.999	122	47	6.637	ng	# 1
53) 3-Nitroaniline	14.457	138	58	2.388	ng	# 1
54) 2,4-Dinitrophenol	14.663	184	18	6.582	ng	# 1
57) 2,4-Dinitrotoluene	14.916	165	91	2.992	ng	# 74
62) 4-Nitroaniline	15.622	138	37	2.729	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.692	198	8	5.854	ng	# 1

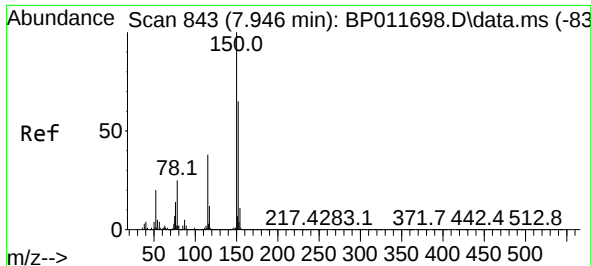
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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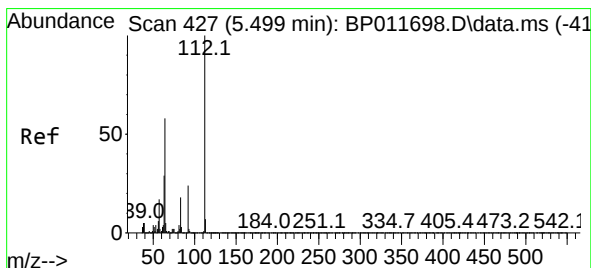
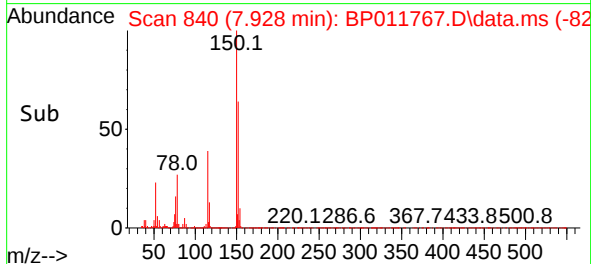
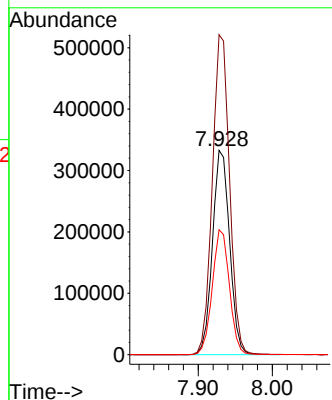
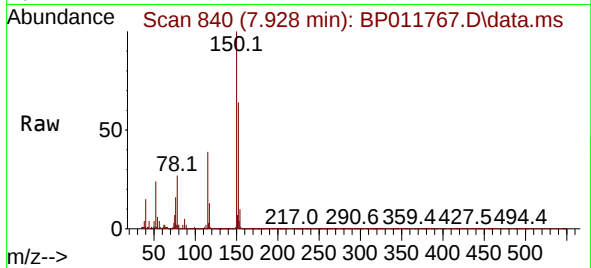




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

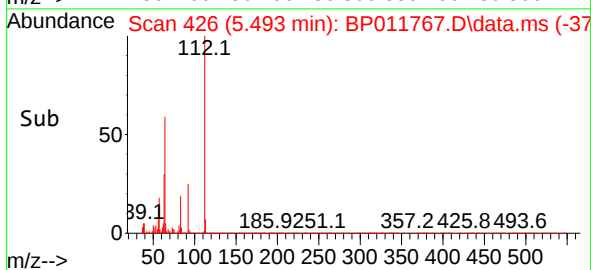
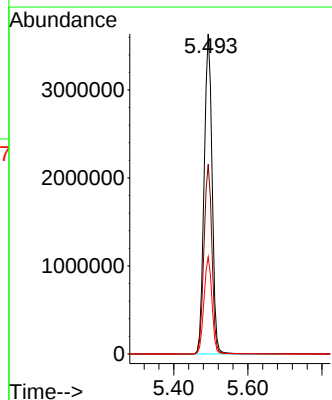
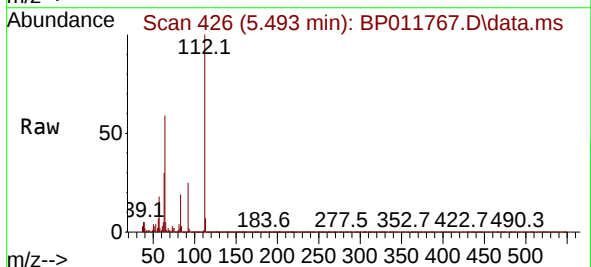
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BNA_P
ClientSampleId :
PB147694TB

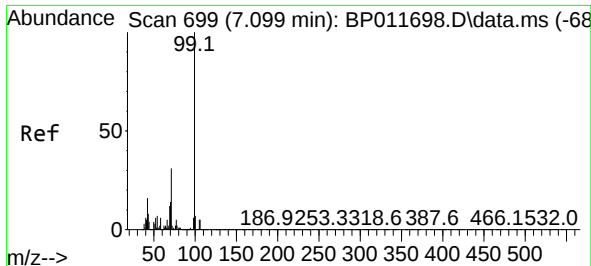
Tgt Ion:152 Resp: 535002
Ion Ratio Lower Upper
152 100
150 156.7 123.4 185.2
115 61.1 51.3 76.9



#5
2-Fluorophenol
Concen: 183.756 ng
RT: 5.493 min Scan# 426
Delta R.T. 0.000 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

Tgt Ion:112 Resp: 5401027
Ion Ratio Lower Upper
112 100
64 59.3 56.9 85.3
63 30.4 31.2 46.8#

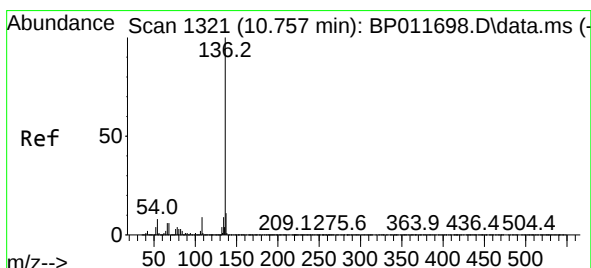
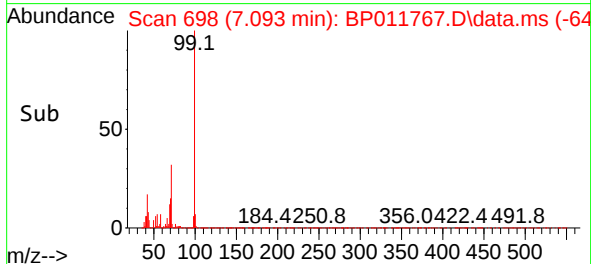
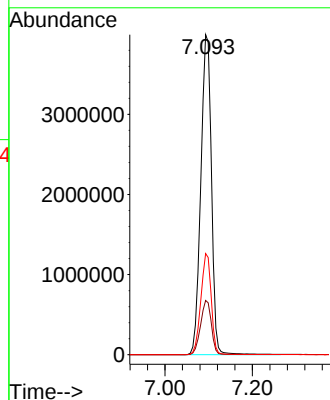
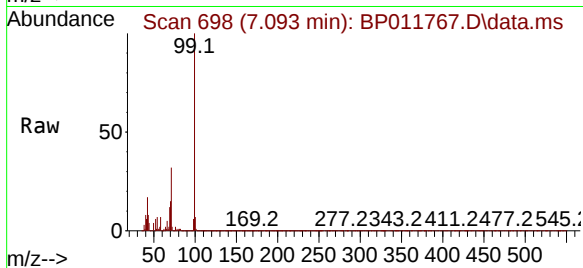




#7
Phenol-d6
Concen: 172.936 ng
RT: 7.093 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

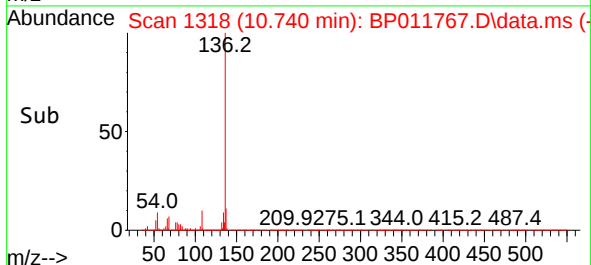
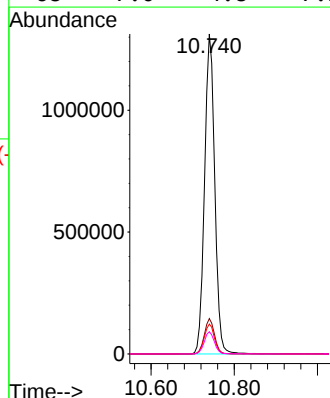
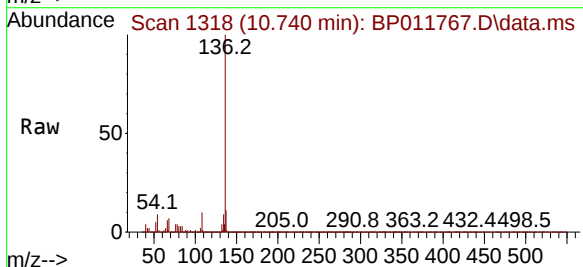
Instrument :
BNA_P
ClientSampleId :
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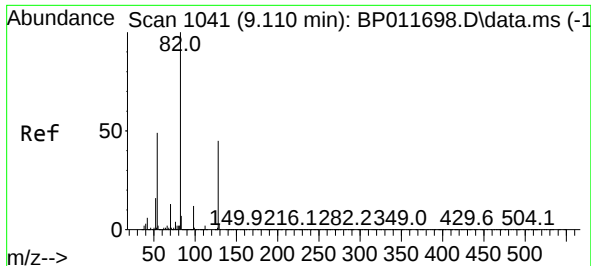
Tgt Ion: 99 Resp: 6775675
Ion Ratio Lower Upper
99 100
42 16.9 20.3 30.5#
71 31.6 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

Tgt Ion:136 Resp: 2233432
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.4 8.7 13.1
68 7.0 4.8 7.2

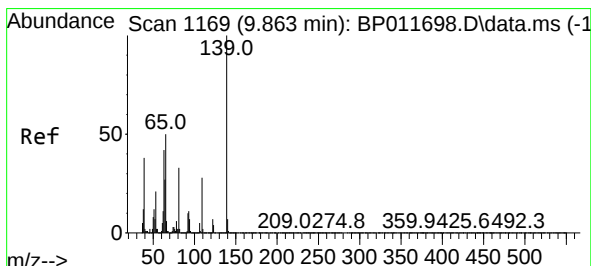
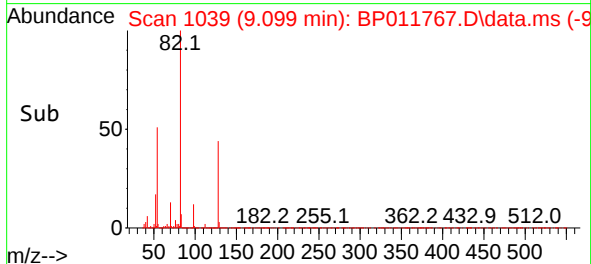
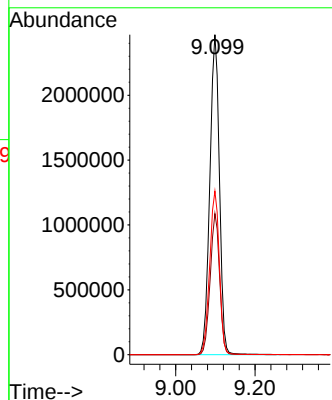
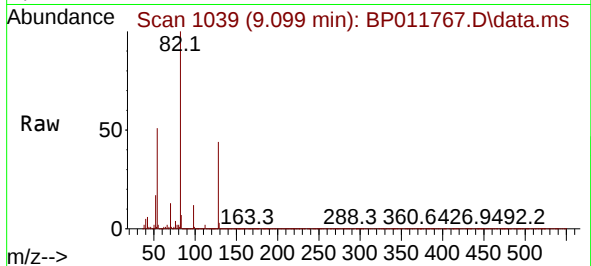




#23
Nitrobenzene-d5
Concen: 110.100 ng
RT: 9.099 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

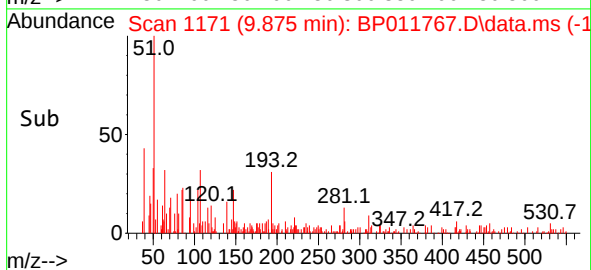
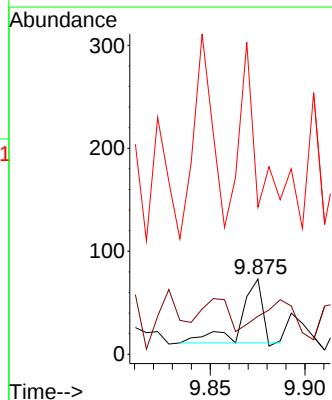
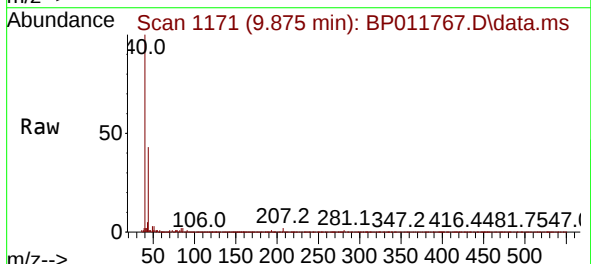
Instrument :
BNA_P
ClientSampleId :
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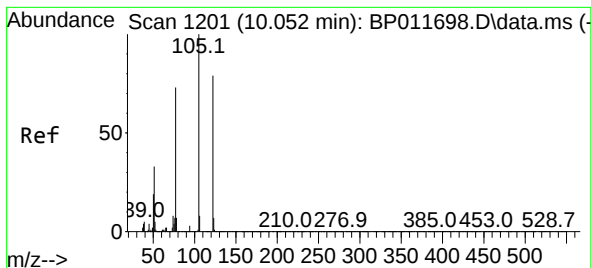
Tgt Ion: 82 Resp: 4146237
Ion Ratio Lower Upper
82 100
128 44.1 31.3 46.9
54 51.1 49.8 74.8



#26
2-Nitrophenol
Concen: 3.569 ng
RT: 9.875 min Scan# 1171
Delta R.T. 0.018 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

Tgt Ion:139 Resp: 49
Ion Ratio Lower Upper
139 100
109 50.7 30.2 45.4#
65 195.9 52.2 78.2#

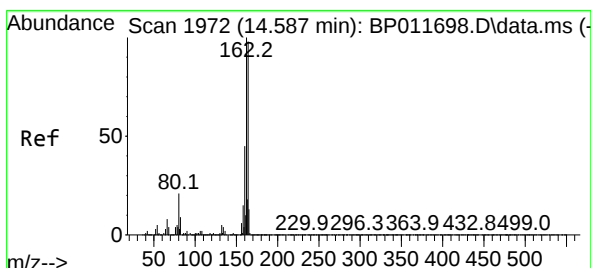
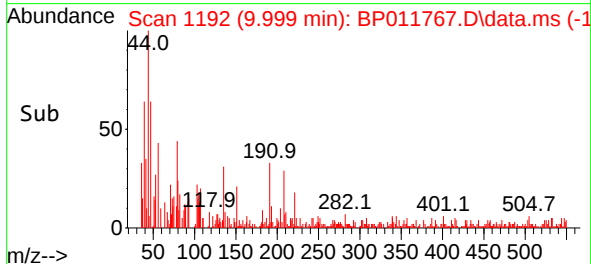
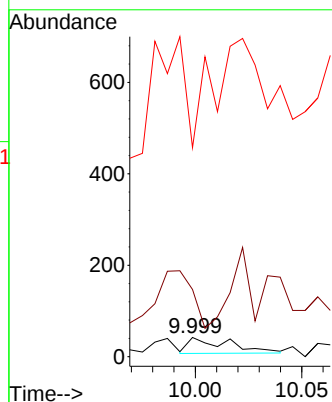
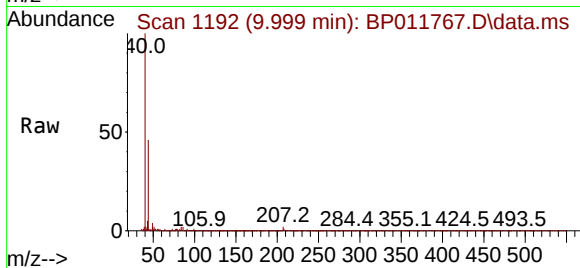




#32
Benzoic acid
Concen: 6.637 ng
RT: 9.999 min Scan# 1192
Delta R.T. -0.035 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

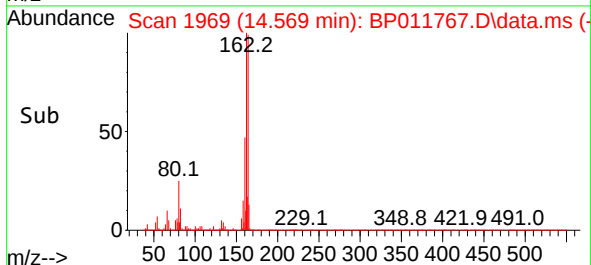
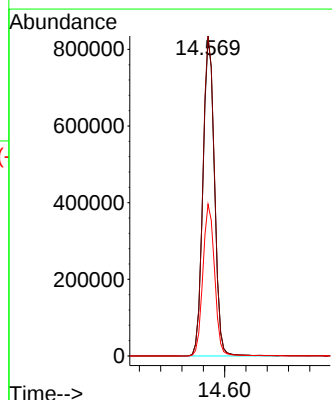
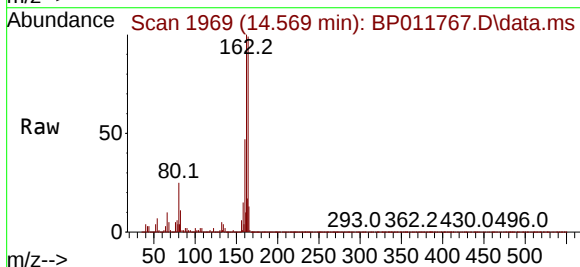
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ClientSampleId :
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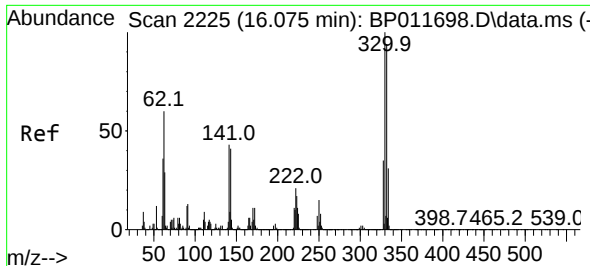
Tgt Ion:122 Resp: 47
Ion Ratio Lower Upper
122 100
105 350.0 112.6 152.6#
77 1088.1 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

Tgt Ion:164 Resp: 1246295
Ion Ratio Lower Upper
164 100
162 100.7 81.9 122.9
160 47.8 34.6 51.8

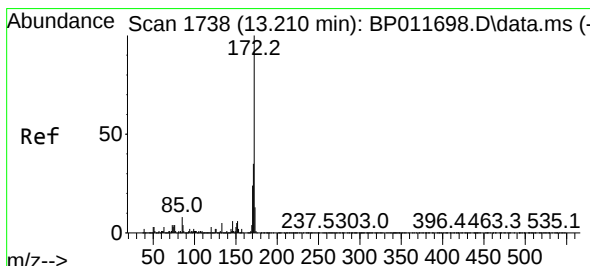
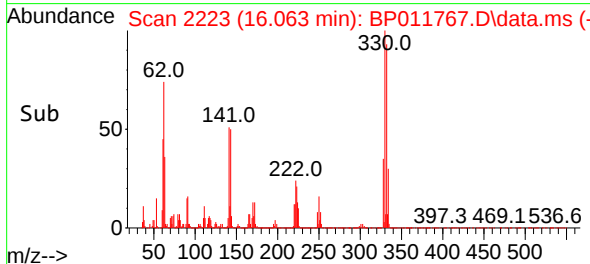
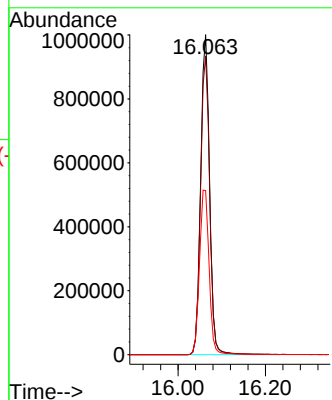
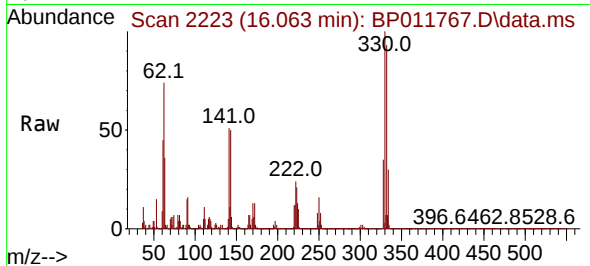




#42
2,4,6-Tribromophenol
Concen: 146.622 ng
RT: 16.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

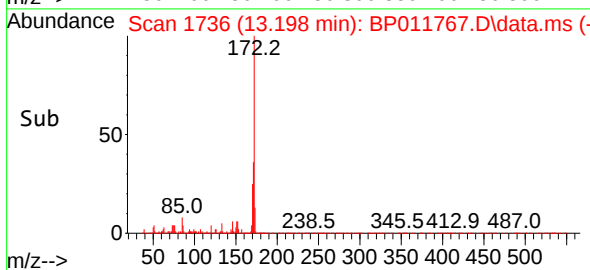
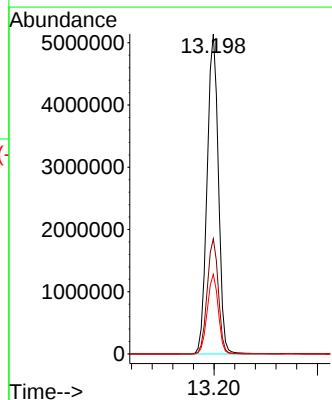
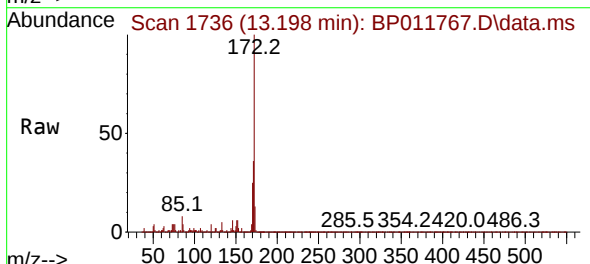
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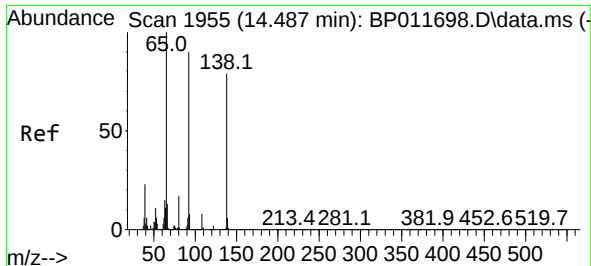
Tgt Ion: 330 Resp: 1427774
Ion Ratio Lower Upper
330 100
332 95.1 78.1 117.1
141 55.5 31.4 47.2#



#45
2-Fluorobiphenyl
Concen: 97.001 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

Tgt Ion: 172 Resp: 7777197
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 24.9 18.2 27.2

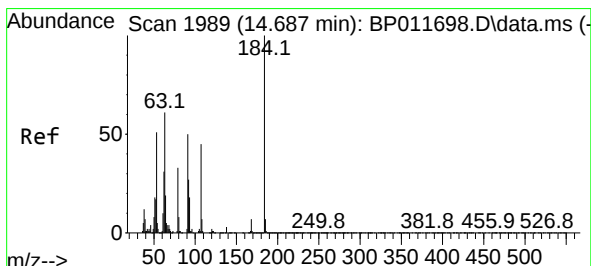
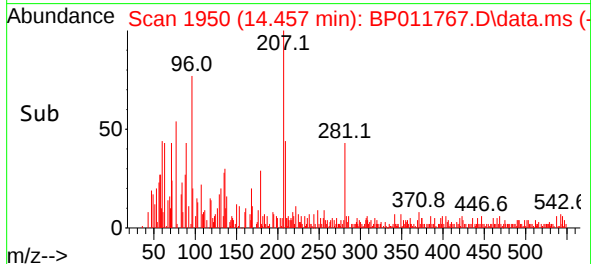
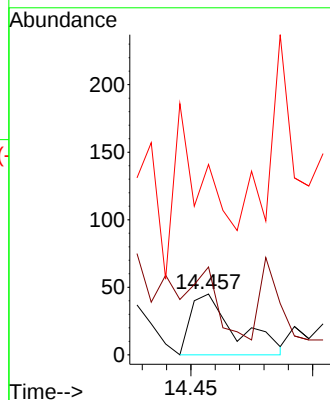
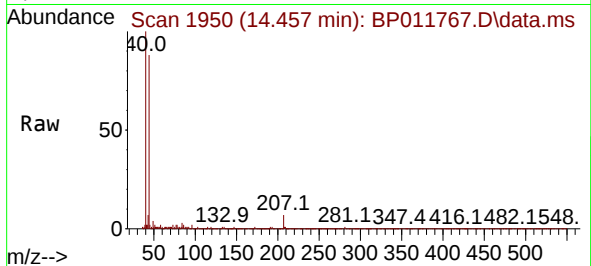




#53
3-Nitroaniline
Concen: 2.388 ng
RT: 14.457 min Scan# 1955
Delta R.T. -0.023 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

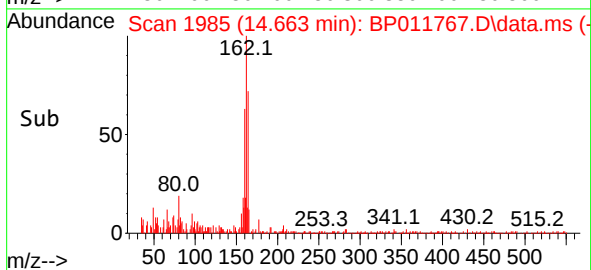
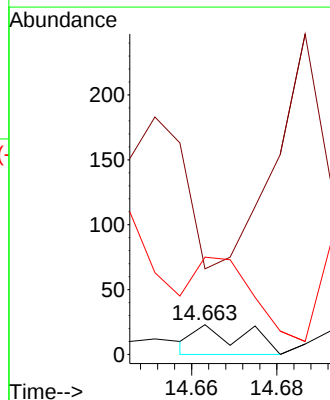
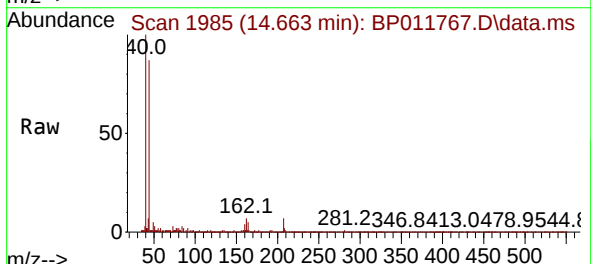
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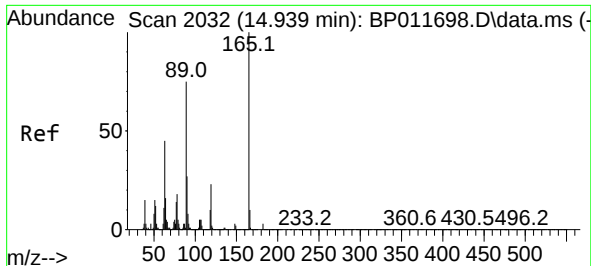
Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
108 144.4 9.5 14.3#
92 313.3 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.582 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.017 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 287.0 65.4 98.2#
154 326.1 55.4 83.2#

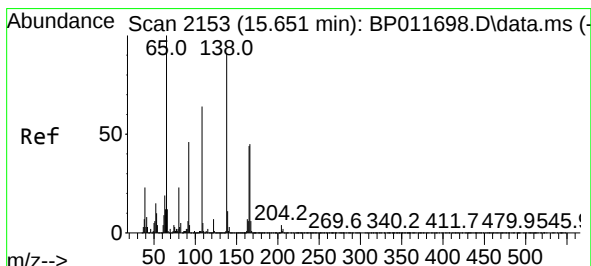
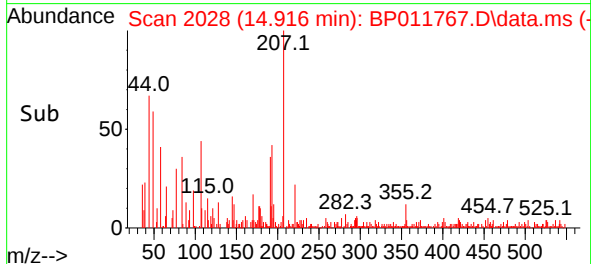
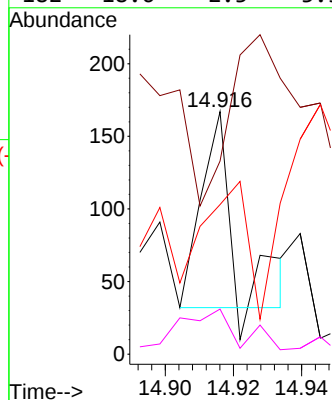
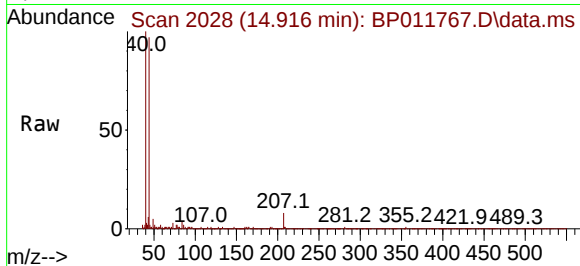




#57
2,4-Dinitrotoluene
Concen: 2.992 ng
RT: 14.916 min Scan# 2032
Delta R.T. -0.017 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

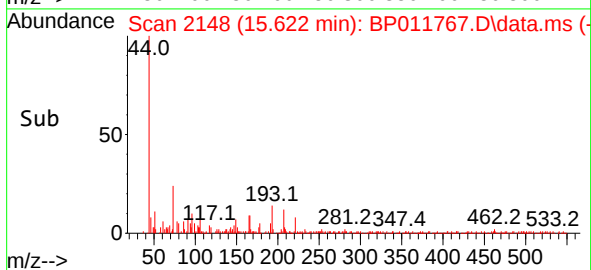
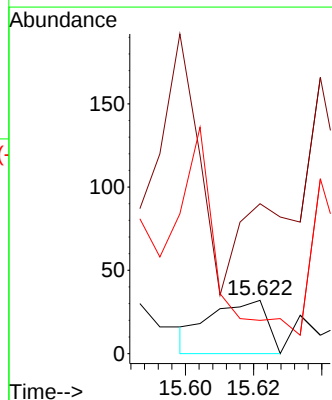
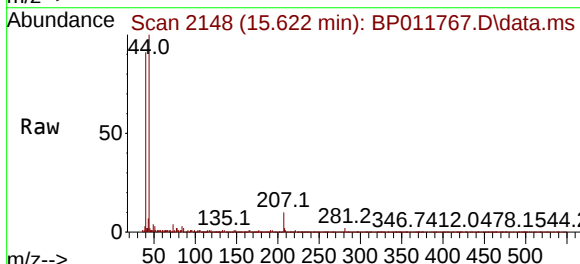
Instrument :
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ClientSampleId :
PB147694TB

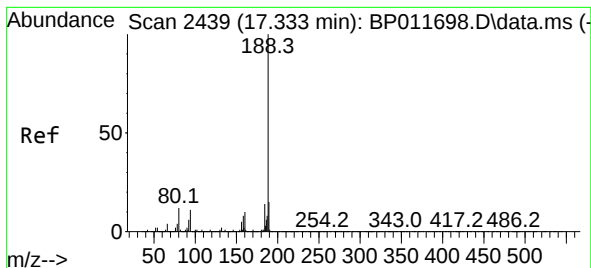
Tgt Ion:165 Resp: 91
Ion Ratio Lower Upper
165 100
63 79.6 46.2 69.2#
89 61.7 65.8 98.8#
182 18.6 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.729 ng
RT: 15.622 min Scan# 2148
Delta R.T. -0.017 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

Tgt Ion:138 Resp: 37
Ion Ratio Lower Upper
138 100
92 281.3 38.0 78.0#
108 62.5 77.6 117.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.322 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP011767.D

Acq: 20 Sep 2022 18:41

Instrument :

BNA_P

ClientSampleId :

PB147694TB

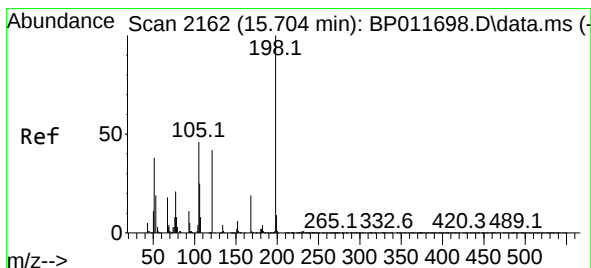
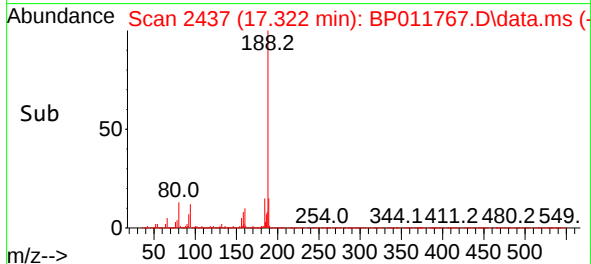
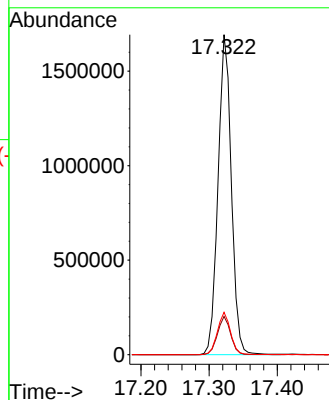
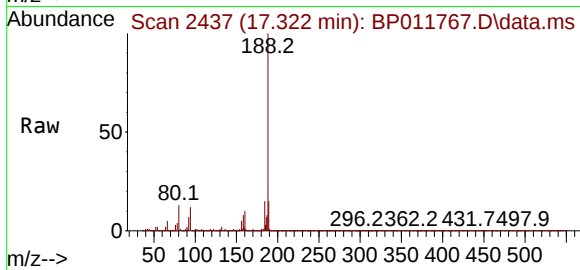
Tgt Ion:188 Resp: 2299617

Ion Ratio Lower Upper

188 100

94 12.0 6.6 10.0#

80 13.2 8.0 12.0#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.854 ng

RT: 15.692 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP011767.D

Acq: 20 Sep 2022 18:41

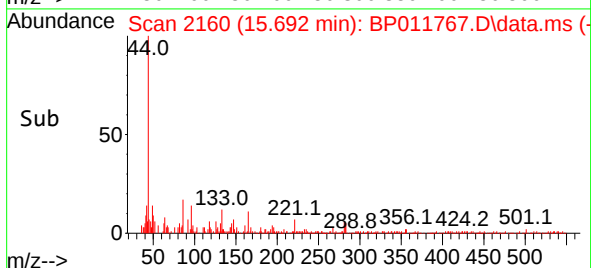
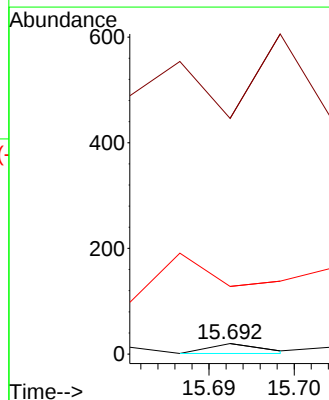
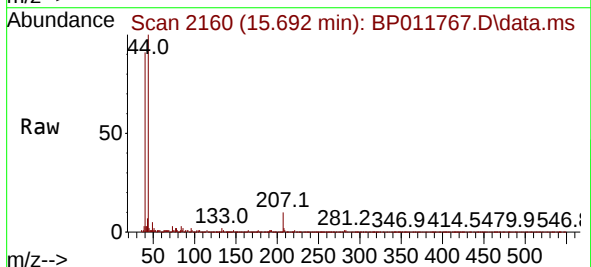
Tgt Ion:198 Resp: 8

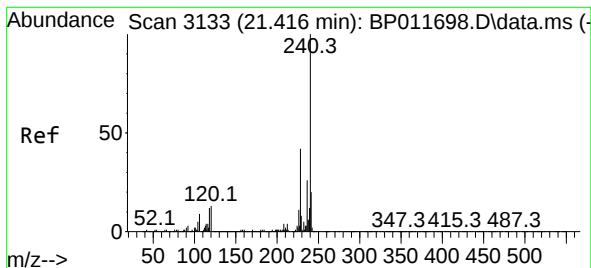
Ion Ratio Lower Upper

198 100

51 2230.0 41.2 81.2#

105 640.0 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP011767.D

Acq: 20 Sep 2022 18:41

Instrument :

BNA_P

ClientSampleId :

PB147694TB

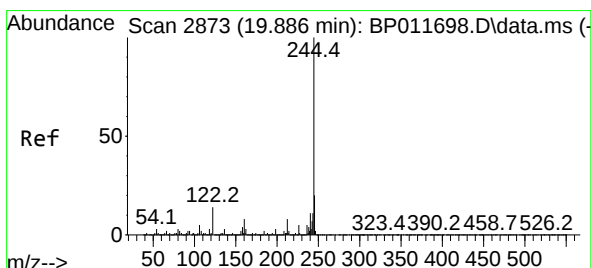
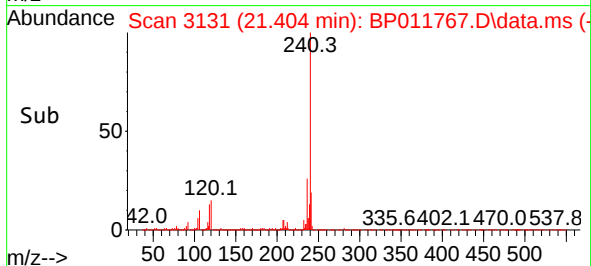
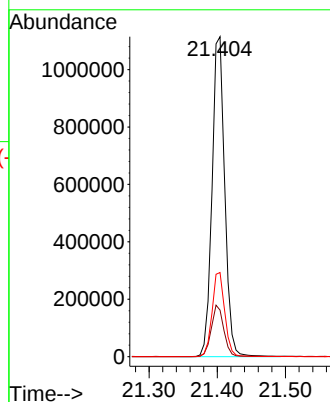
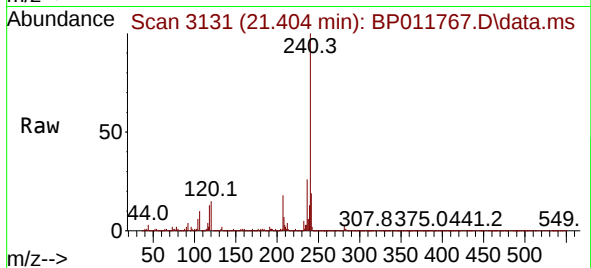
Tgt Ion:240 Resp: 1446589

Ion Ratio Lower Upper

240 100

120 14.6 8.6 12.8#

236 26.3 19.8 29.6



#79

Terphenyl-d14

Concen: 136.665 ng

RT: 19.875 min Scan# 2871

Delta R.T. 0.000 min

Lab File: BP011767.D

Acq: 20 Sep 2022 18:41

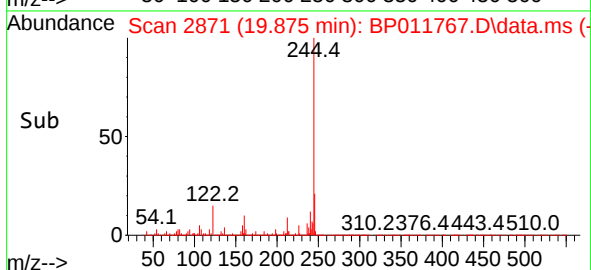
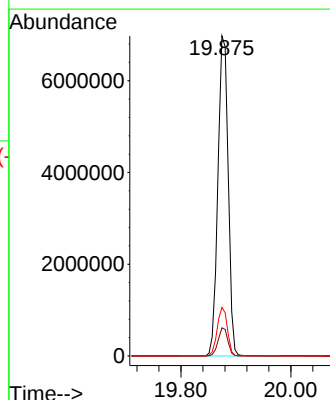
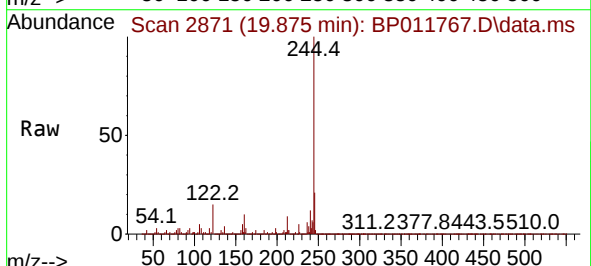
Tgt Ion:244 Resp: 9091313

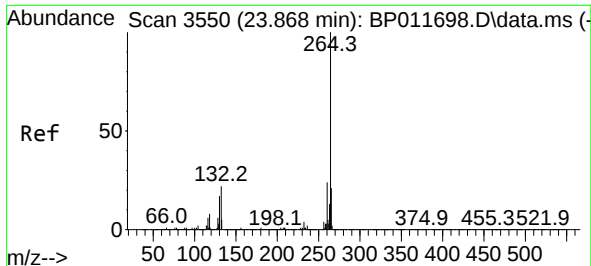
Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

122 15.2 7.6 11.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011767.D
Acq: 20 Sep 2022 18:41

Instrument :
BNA_P
ClientSampleId :
PB147694TB

Tgt Ion:264 Resp: 1148886

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.6	18.0	27.0

