

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006207.D
 Acq On : 13 Jul 2021 18:52
 Operator : CG/JU
 Sample : M2999-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FRAC-TANK-N43502

Quant Time: Jul 14 01:25:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

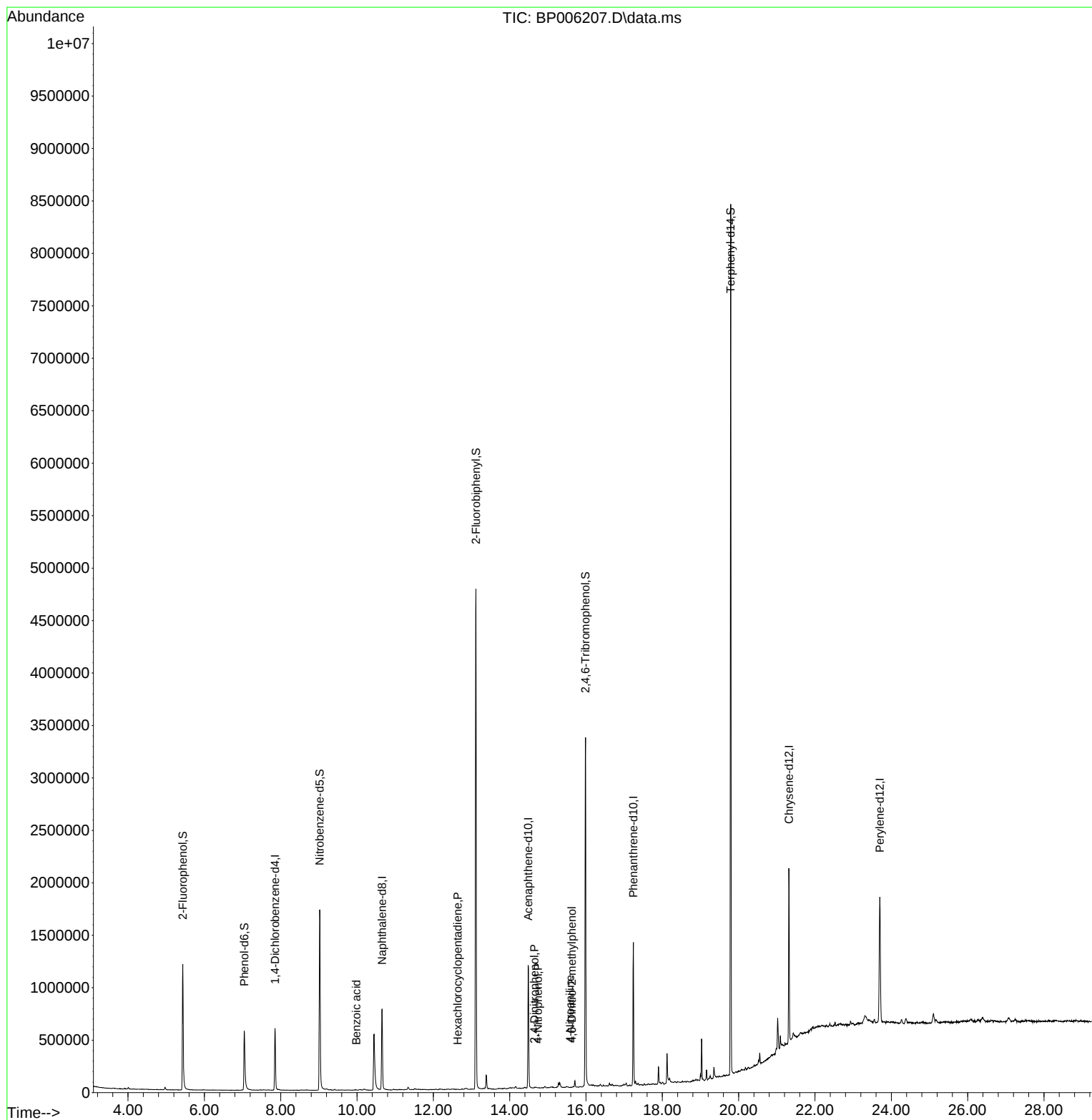
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	177795	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	717357	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	411745	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	789534	20.000	ng	#-0.01
76) Chrysene-d12	21.316	240	745199	20.000	ng	#-0.01
86) Perylene-d12	23.698	264	853094	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	650079	62.913	ng	0.00
7) Phenol-d6	7.046	99	460279	33.676	ng	0.00
23) Nitrobenzene-d5	9.022	82	1098534	96.729	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	674186	137.530	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	2506009	89.977	ng	0.00
79) Terphenyl-d14	19.792	244	3481576	92.114	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.981	122	79	6.912	ng	# 1
41) Hexachlorocyclopentadiene	12.640	237	12	8.705	ng	80
54) 2,4-Dinitrophenol	14.645	184	10	8.882	ng	# 1
56) 4-Nitrophenol	14.739	139	75	7.138	ng	# 6
62) 4-Nitroaniline	15.586	138	228	2.990	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.628	198	116	4.439	ng	# 1

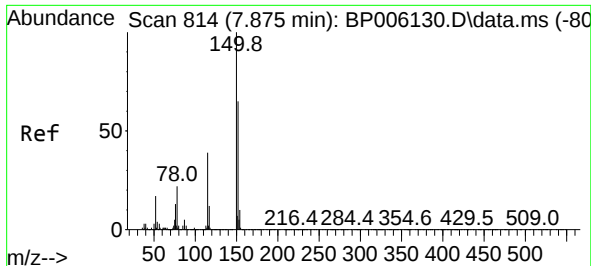
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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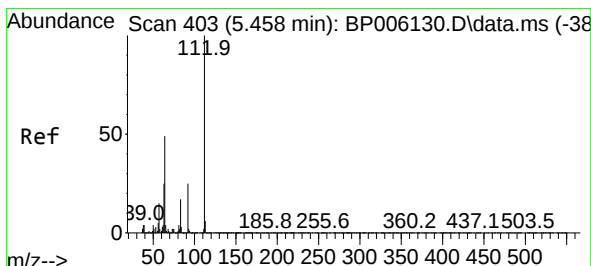
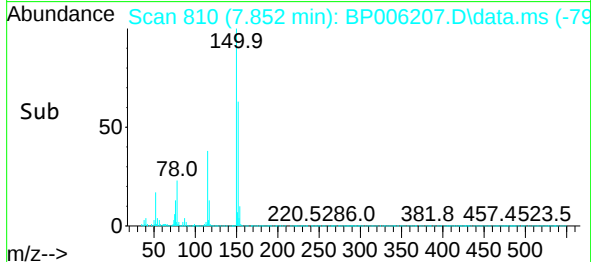
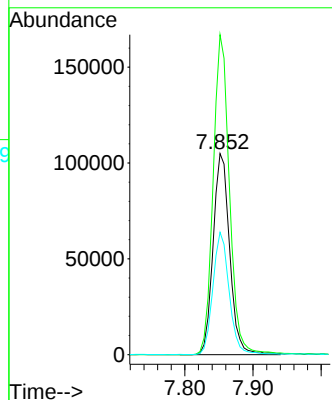
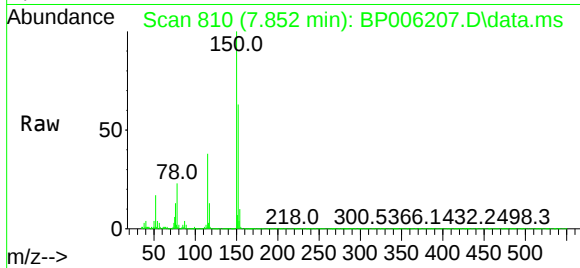




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

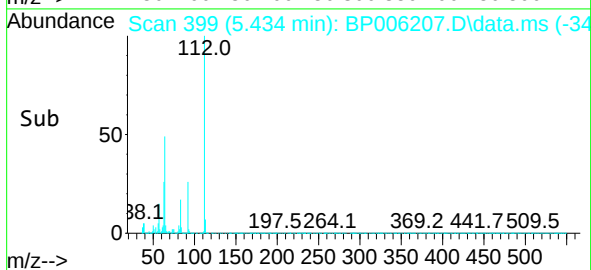
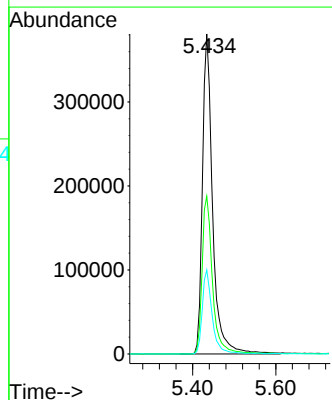
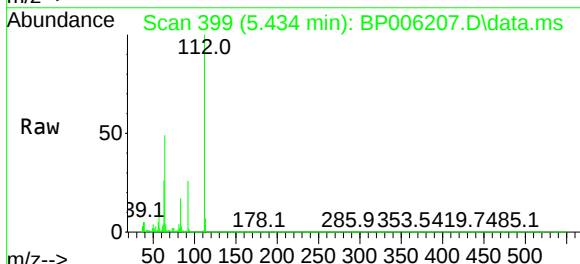
Instrument :
BNA_P
ClientSampleId :
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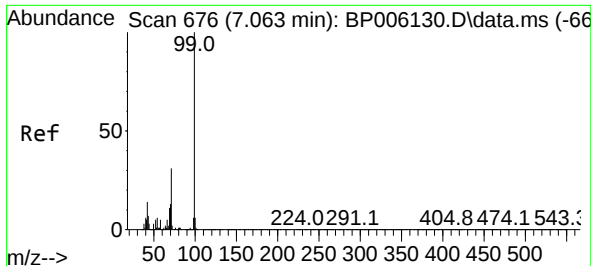
Tgt Ion:152 Resp: 177795
Ion Ratio Lower Upper
152 100
150 159.1 125.6 188.4
115 60.8 48.5 72.7



#5
2-Fluorophenol
Concen: 62.913 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Tgt Ion:112 Resp: 650079
Ion Ratio Lower Upper
112 100
64 49.3 41.4 62.2
63 26.3 23.8 35.8

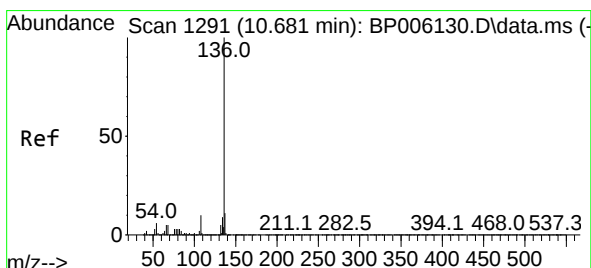
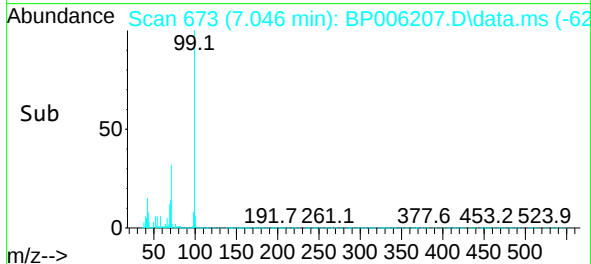
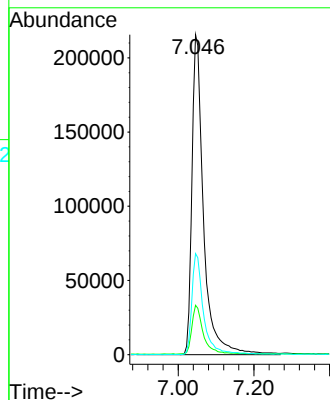
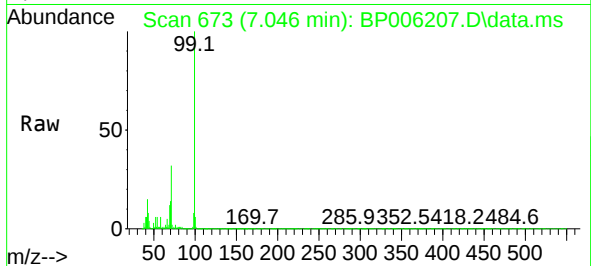




#7
Phenol-d6
Concen: 33.676 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

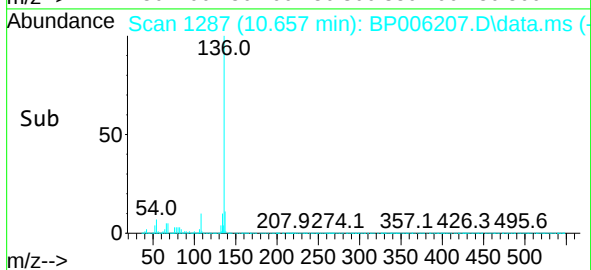
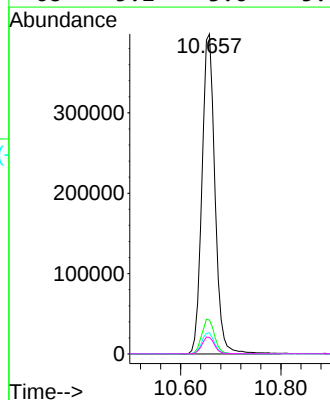
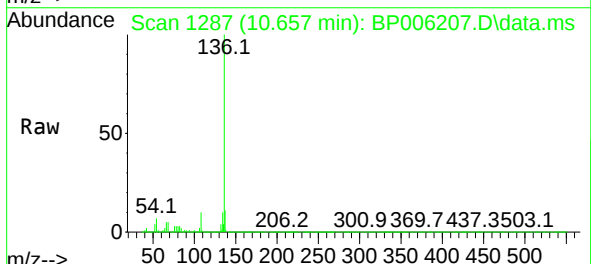
Instrument :
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ClientSampleId :
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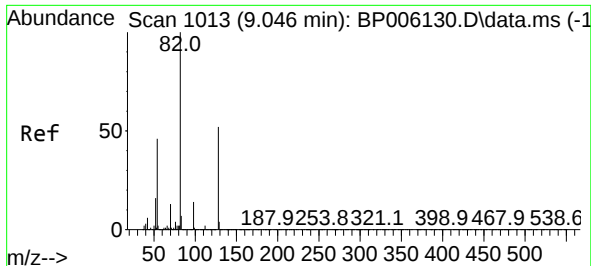
Tgt Ion: 99 Resp: 460279
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 31.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Tgt Ion: 136 Resp: 717357
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.6 4.6 6.8
68 5.2 3.6 5.4

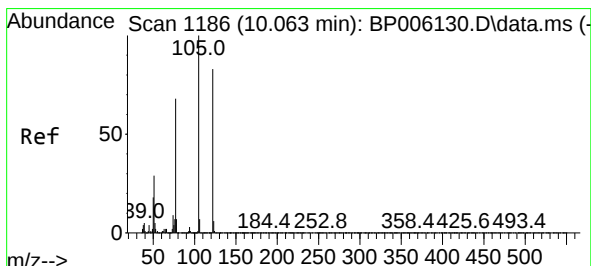
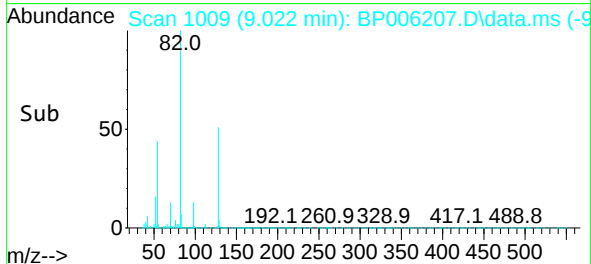
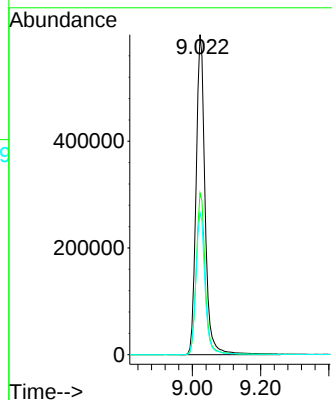
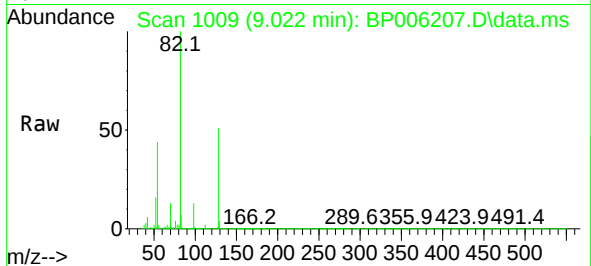




#23
Nitrobenzene-d5
Concen: 96.729 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

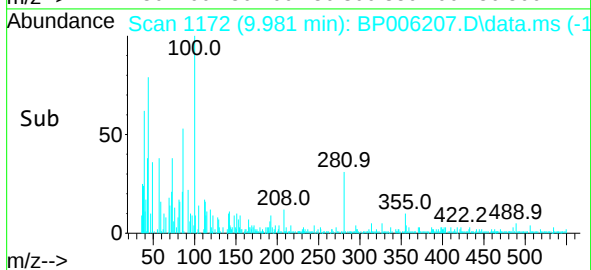
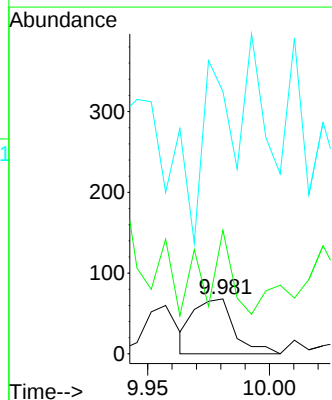
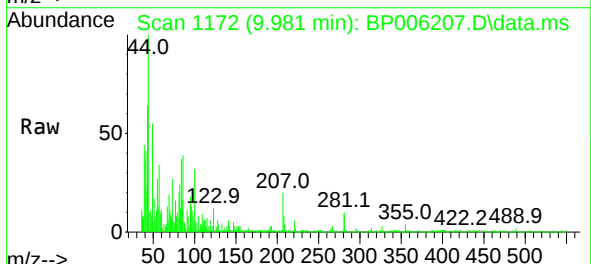
Instrument :
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ClientSampleId :
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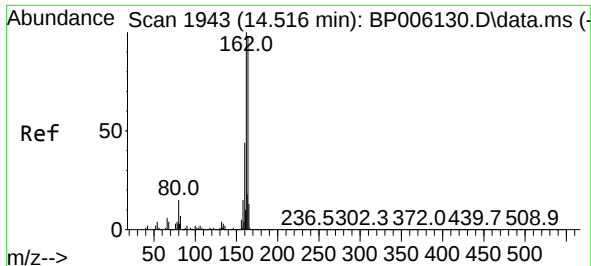
Tgt Ion: 82 Resp: 1098534
Ion Ratio Lower Upper
82 100
128 50.5 35.7 53.5
54 44.3 35.0 52.4



#32
Benzoic acid
Concen: 6.912 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.082 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Tgt Ion: 122 Resp: 79
Ion Ratio Lower Upper
122 100
105 225.0 103.2 143.2#
77 477.9 76.2 116.2#

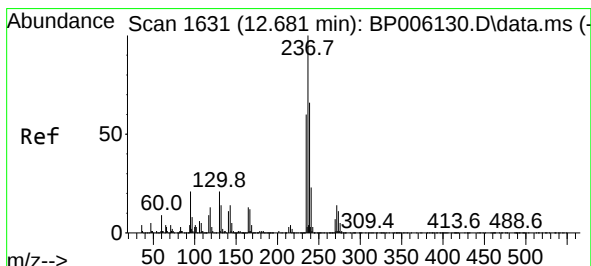
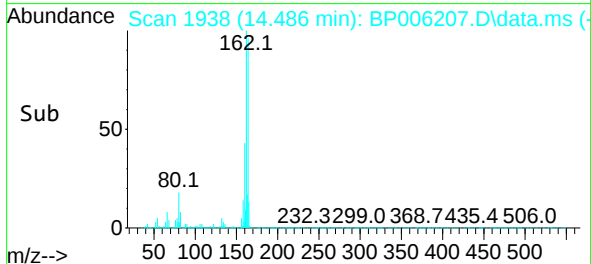
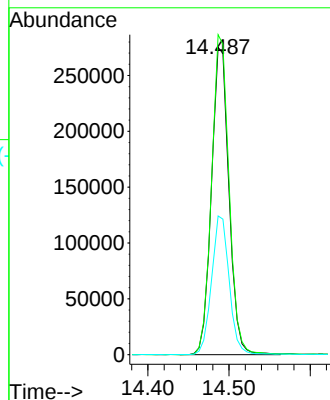
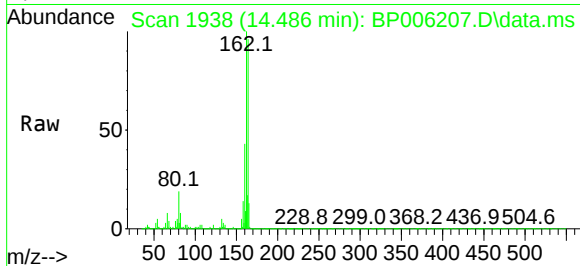




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

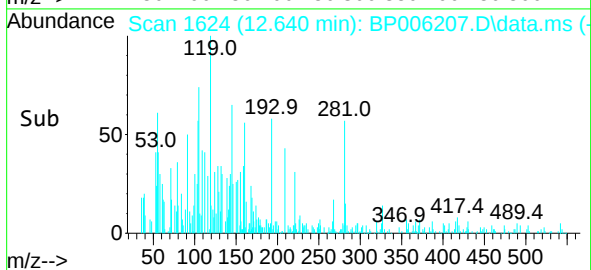
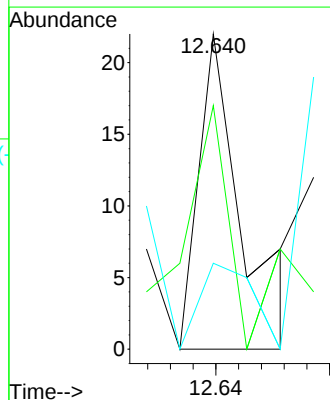
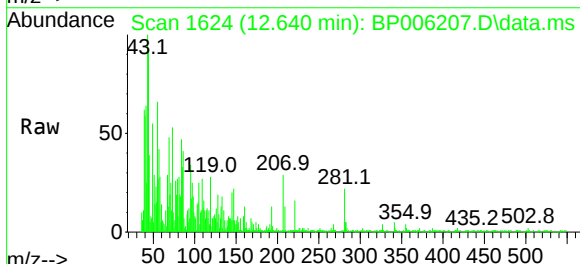
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ClientSampleId :
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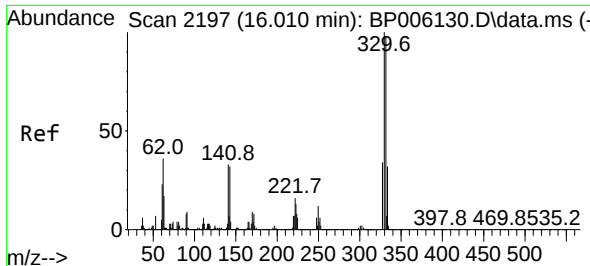
Tgt Ion:164 Resp: 411745
Ion Ratio Lower Upper
164 100
162 104.1 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.705 ng
RT: 12.640 min Scan# 1624
Delta R.T. -0.029 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 77.3 44.5 84.5
272 27.3 0.0 32.5

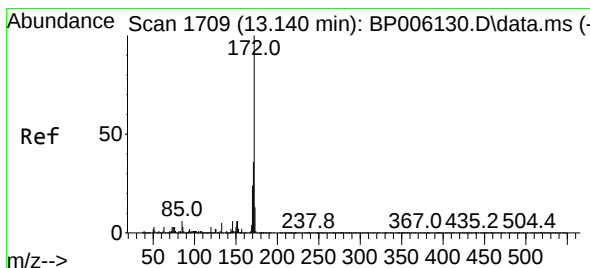
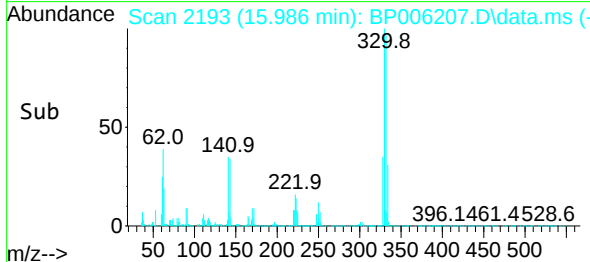
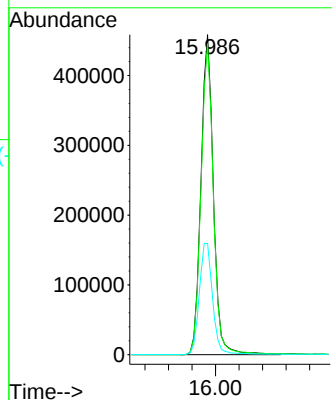
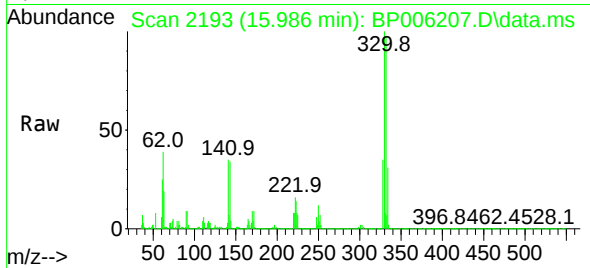




#42
2,4,6-Tribromophenol
Concen: 137.530 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

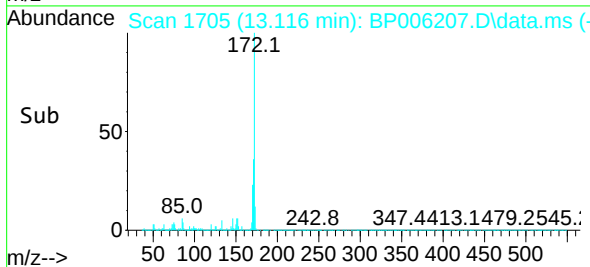
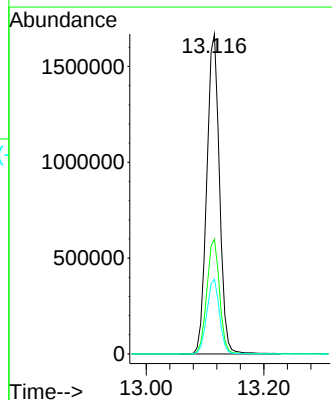
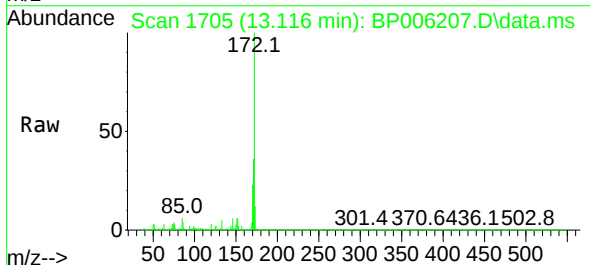
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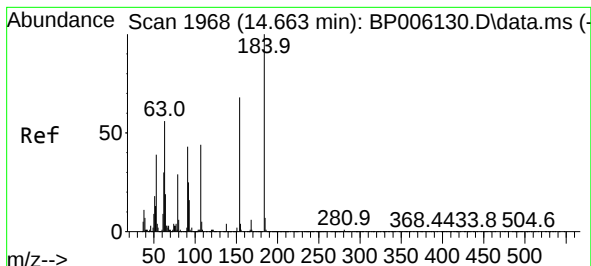
Tgt Ion:330 Resp: 674186
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 37.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 89.977 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Tgt Ion:172 Resp: 2506009
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.4 18.6 27.8

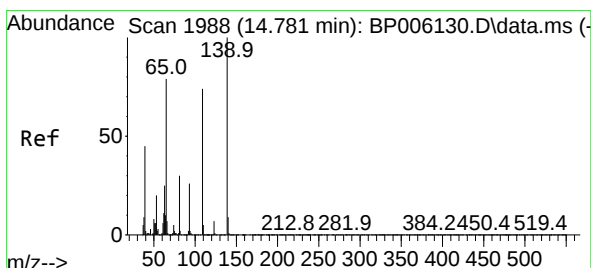
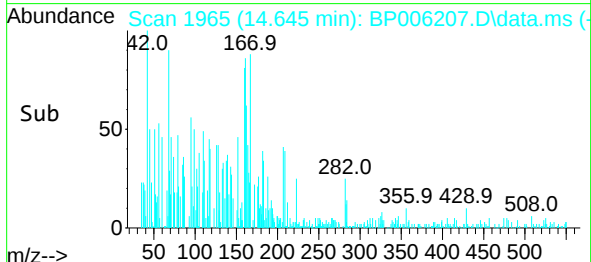
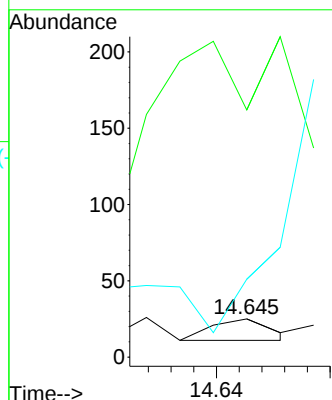
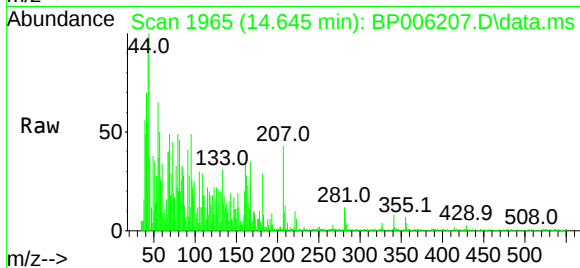




#54
2,4-Dinitrophenol
Concen: 8.882 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

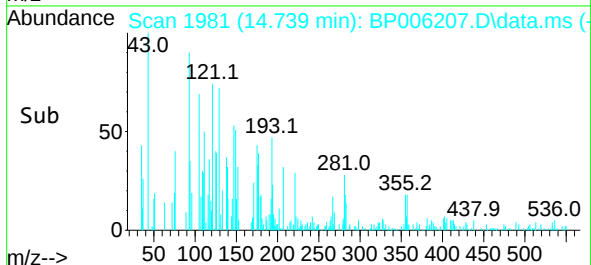
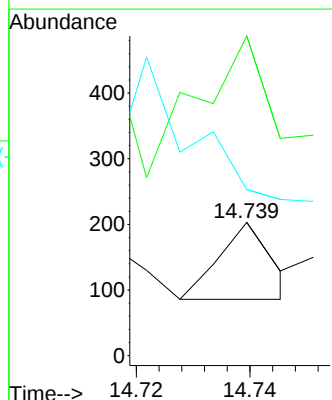
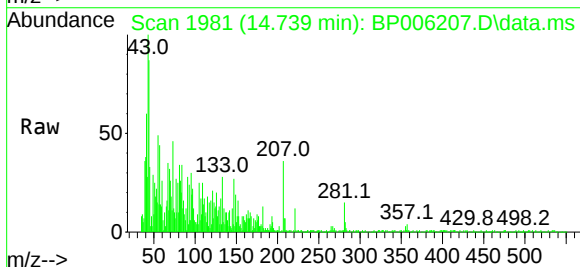
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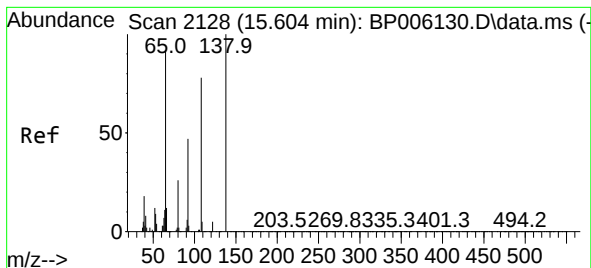
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 648.0 47.0 70.6#
154 204.0 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.138 ng
RT: 14.739 min Scan# 1981
Delta R.T. -0.029 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Tgt Ion:139 Resp: 75
Ion Ratio Lower Upper
139 100
109 239.9 72.3 112.3#
65 124.6 72.5 112.5#

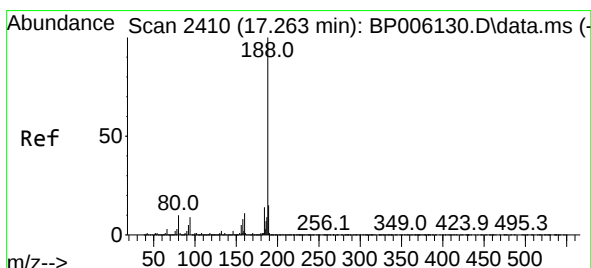
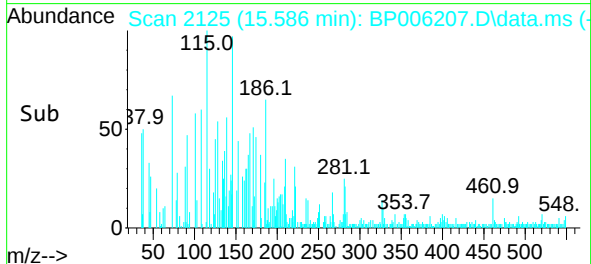
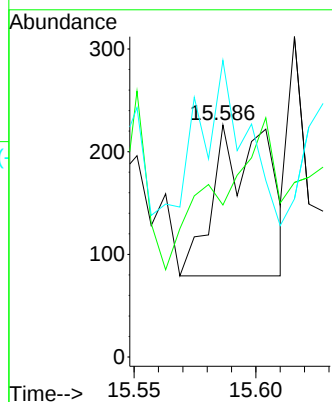
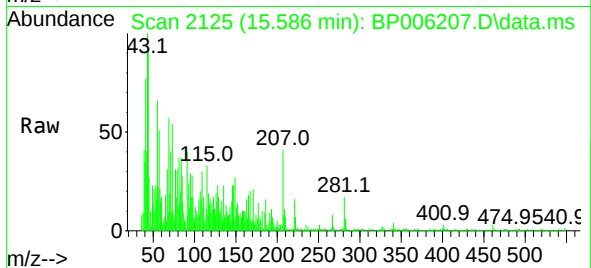




#62
4-Nitroaniline
Concen: 2.990 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

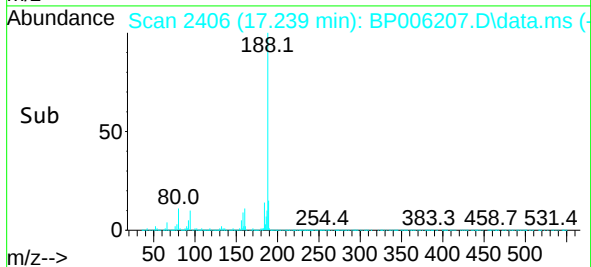
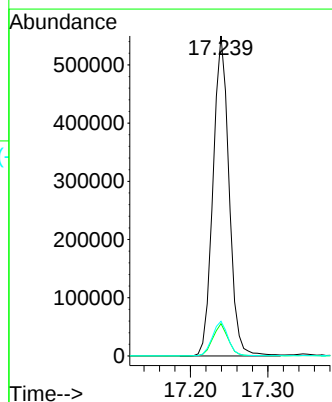
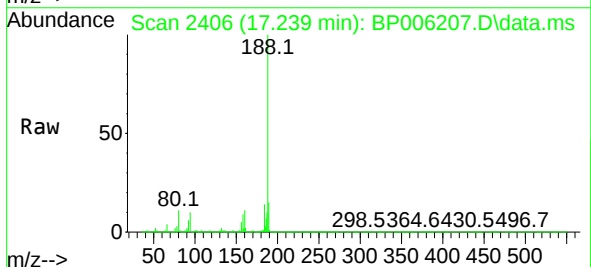
Instrument :
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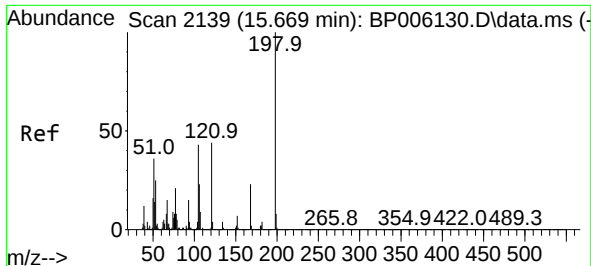
Tgt Ion:138 Resp: 228
Ion Ratio Lower Upper
138 100
92 65.5 31.2 71.2
108 127.9 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Tgt Ion:188 Resp: 789534
Ion Ratio Lower Upper
188 100
94 10.1 5.6 8.4#
80 10.8 6.3 9.5#

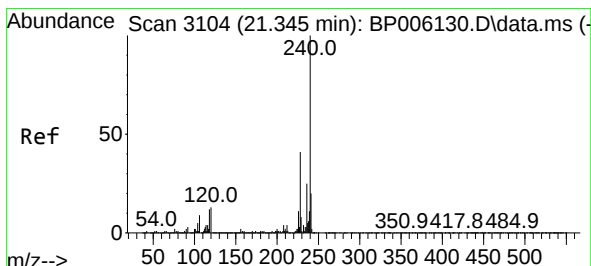
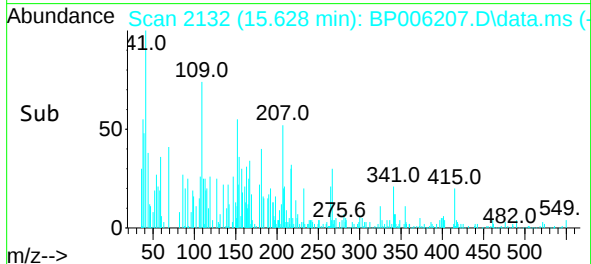
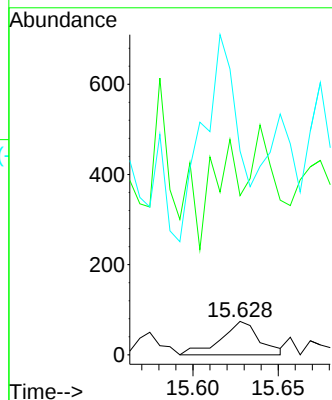
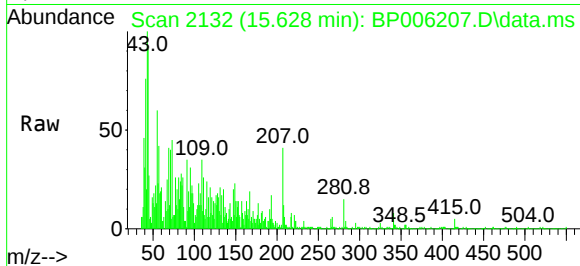




#65
4,6-Dinitro-2-methylphenol
Concen: 4.439 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.029 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

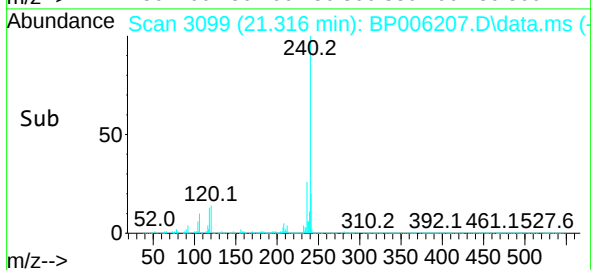
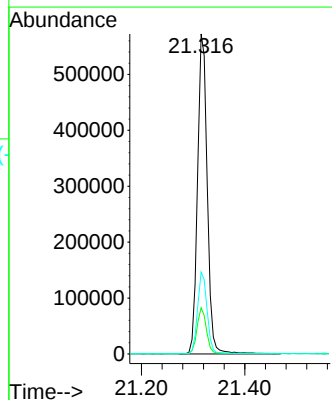
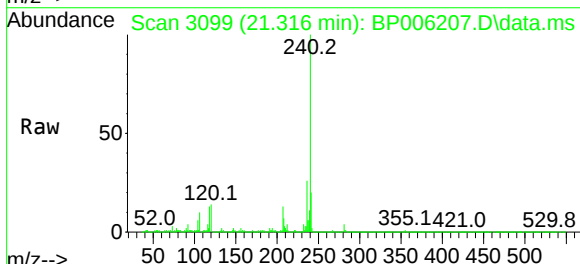
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-N43502

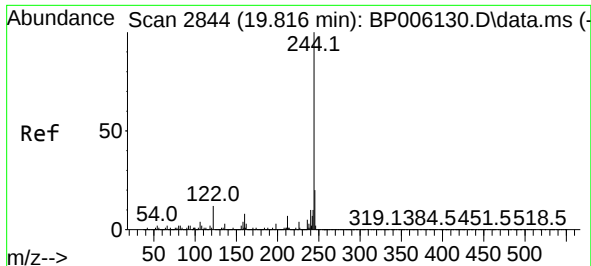
Tgt Ion:198 Resp: 116
Ion Ratio Lower Upper
198 100
51 477.0 14.0 54.0#
105 610.8 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Tgt Ion:240 Resp: 745199
Ion Ratio Lower Upper
240 100
120 14.5 6.5 9.7#
236 25.7 20.6 31.0

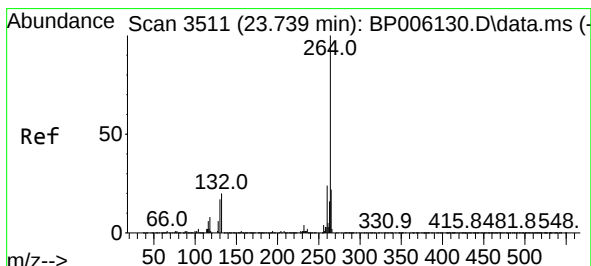
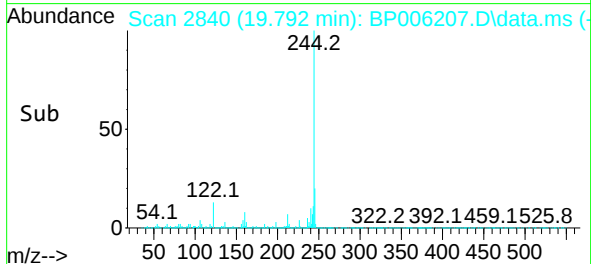
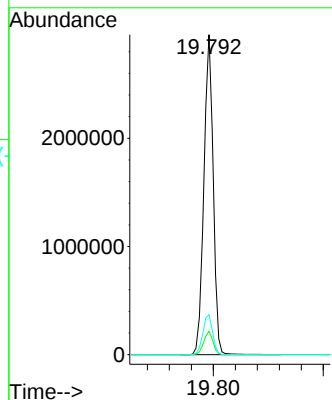
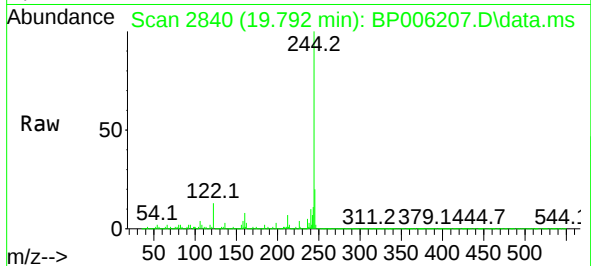




#79
Terphenyl-d14
Concen: 92.114 ng
RT: 19.792 min Scan# 2840
Delta R.T. -0.011 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-N43502

Tgt Ion:244 Resp: 3481576
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.5 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.017 min
Lab File: BP006207.D
Acq: 13 Jul 2021 18:52

Tgt Ion:264 Resp: 853094
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.8 17.6 26.4

