

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006124.D
 Acq On : 01 Jul 2021 00:30
 Operator : CG/JU
 Sample : M2896-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-01

Quant Time: Jul 01 03:09:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 16:39:37 2021
 Response via : Initial Calibration

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

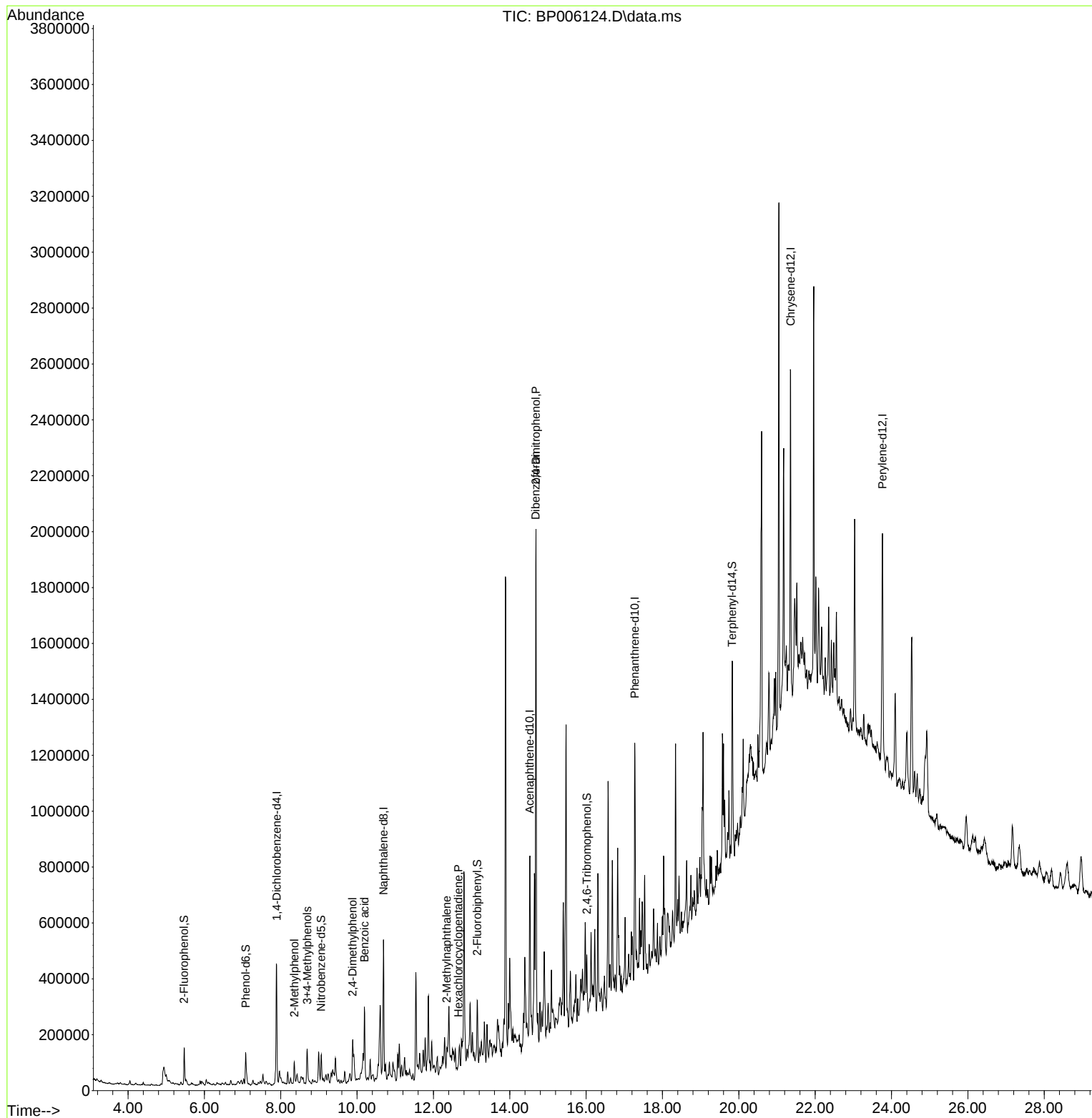
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	120889	20.00	ng	0.00
21) Naphthalene-d8	10.693	136	412728	20.00	ng	0.00
39) Acenaphthene-d10	14.522	164	231997	20.00	ng	0.00
64) Phenanthrene-d10	17.275	188	411609	20.00	ng	# 0.00
76) Chrysene-d12	21.357	240	509816	20.00	ng	0.00
86) Perylene-d12	23.763	264	613287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	67302	8.93	ng	0.00
7) Phenol-d6	7.081	99	73957	7.57	ng	0.00
23) Nitrobenzene-d5	9.057	82	48208	5.73	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	30794	7.73	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	100992	5.72	ng	0.00
79) Terphenyl-d14	19.822	244	153985	5.66	ng	0.00
Target Compounds						
						Qvalue
17) 2-Methylphenol	8.357	107	27758	4.18	ng	98
20) 3+4-Methylphenols	8.693	107	53876	6.00	ng	92
27) 2,4-Dimethylphenol	9.881	122	43839	7.06	ng	98
32) Benzoic acid	10.193	122	113866	27.56	ng	# 14
37) 2-Methylnaphthalene	12.351	142	37882	2.23	ng	100
41) Hexachlorocyclopentadiene	12.657	237	11	5.51	ng	85
54) 2,4-Dinitrophenol	14.687	184	4627	6.53	ng	# 1
55) Dibenzofuran	14.681	168	77057	3.29	ng	97

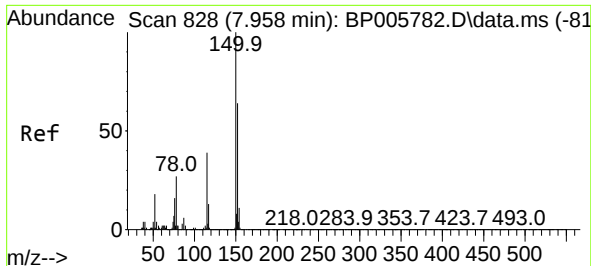
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
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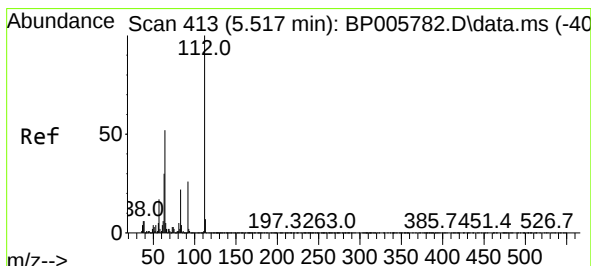
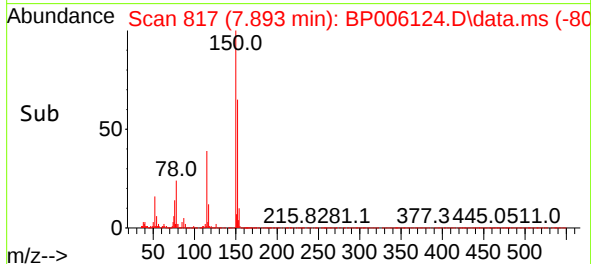
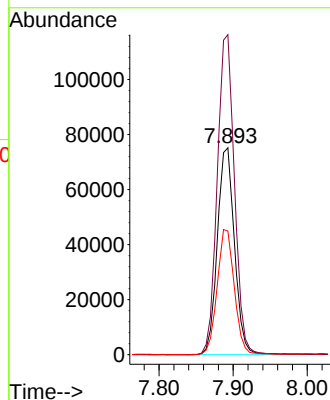
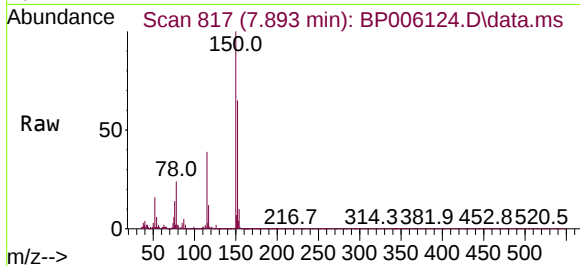




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

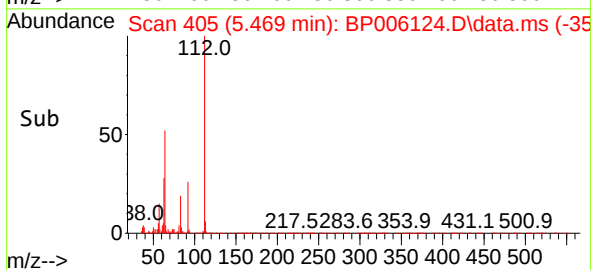
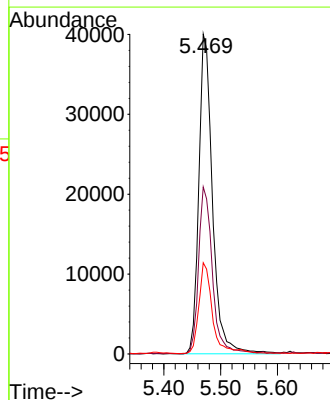
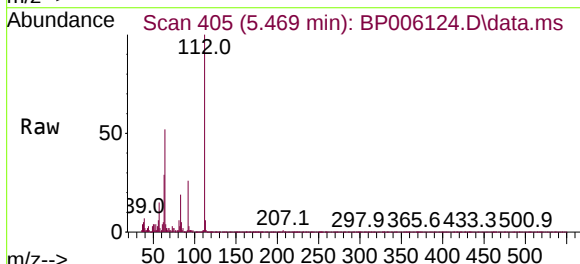
Instrument :
BNA_P
ClientSampleId :
FS-01

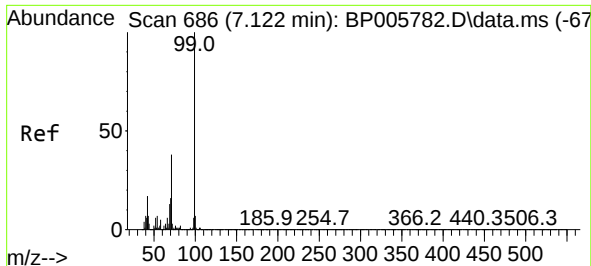
Tgt Ion:152 Resp: 120889
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 59.8 48.5 72.7



#5
2-Fluorophenol
Concen: 8.93 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

Tgt Ion:112 Resp: 67302
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 28.5 23.8 35.8

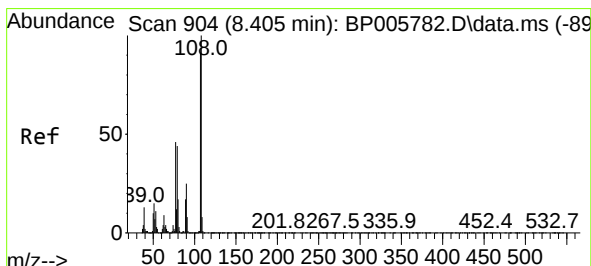
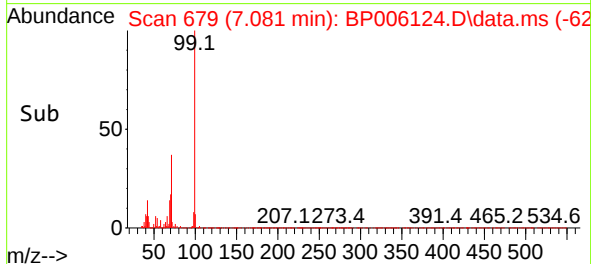
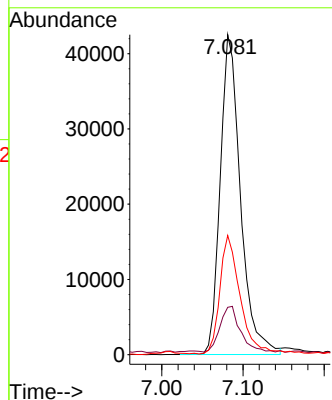
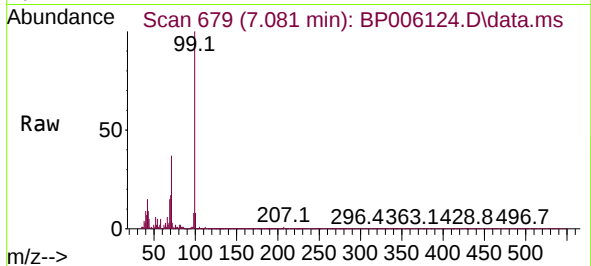




#7
Phenol-d6
Concen: 7.57 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

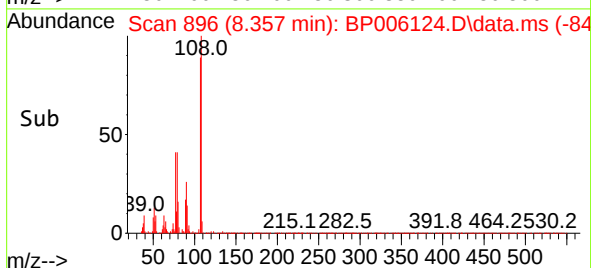
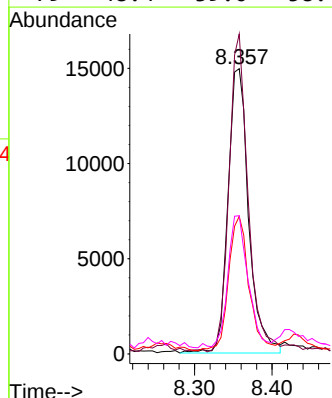
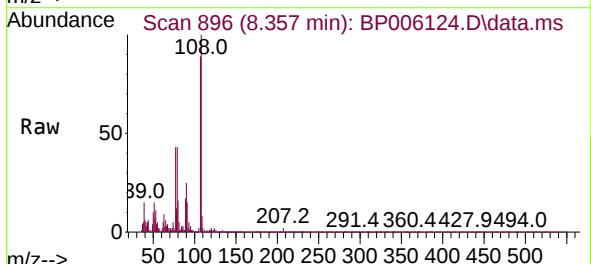
Instrument :
BNA_P
ClientSampled :
FS-01

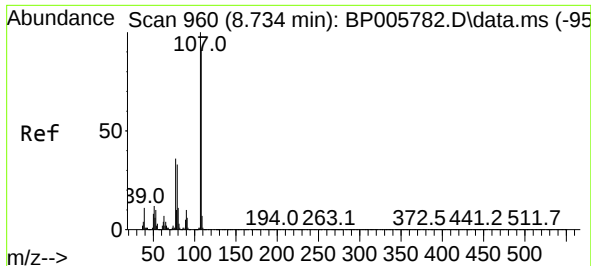
Tgt Ion: 99 Resp: 73957
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.0
71 37.3 30.6 46.0



#17
2-Methylphenol
Concen: 4.18 ng
RT: 8.357 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

Tgt Ion: 107 Resp: 27758
Ion Ratio Lower Upper
107 100
108 112.2 87.7 131.5
77 48.3 40.2 60.2
79 48.4 39.0 58.4

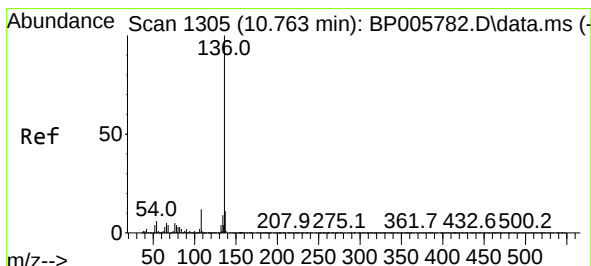
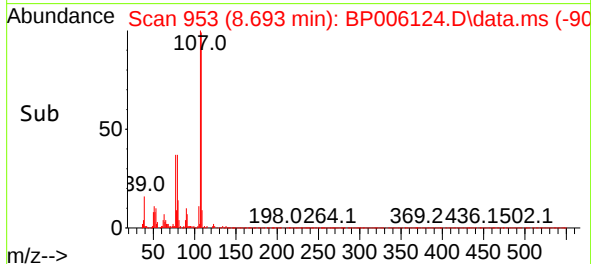
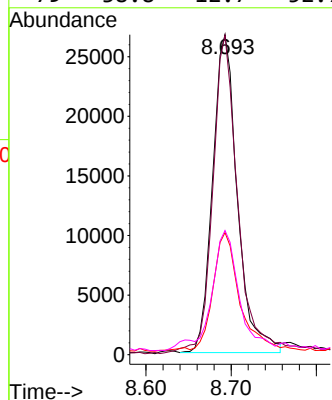
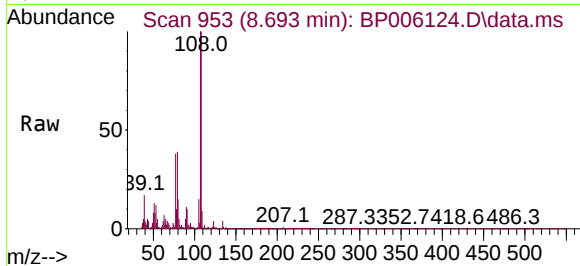




#20
3+4-Methylphenols
Concen: 6.00 ng
RT: 8.693 min Scan# 953
Delta R.T. 0.012 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

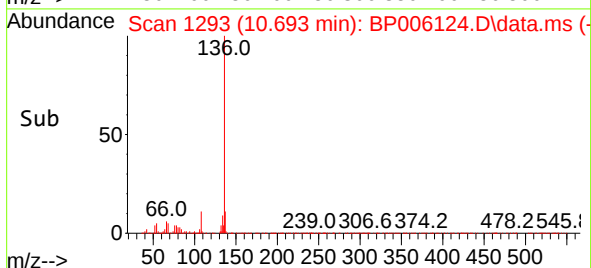
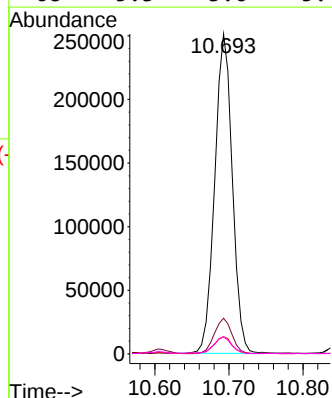
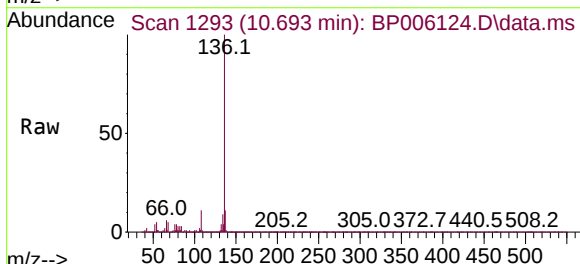
Instrument :
BNA_P
ClientSampleId :
FS-01

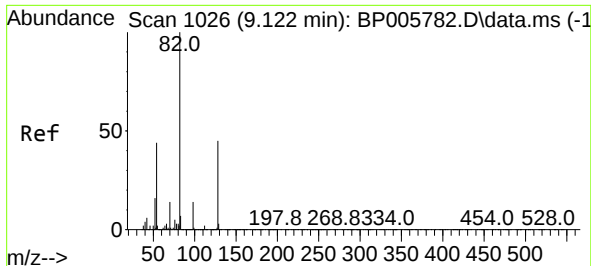
Tgt Ion:107	Resp:	53876
Ion Ratio	Lower	Upper
107	100	
108	99.7	71.0 111.0
77	38.1	16.6 56.6
79	38.8	12.7 52.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

Tgt Ion:136	Resp:	412728
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 12.8
54	5.4	4.6 6.8
68	5.3	3.6 5.4

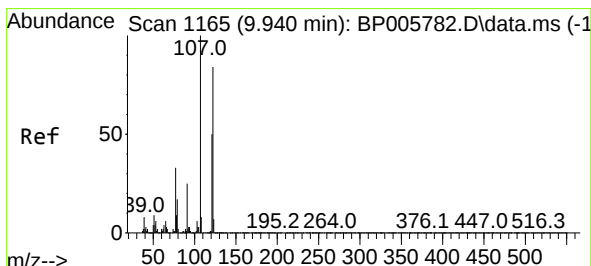
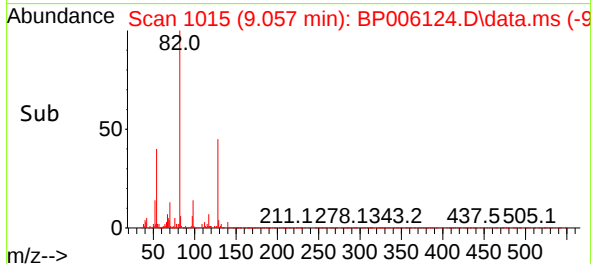
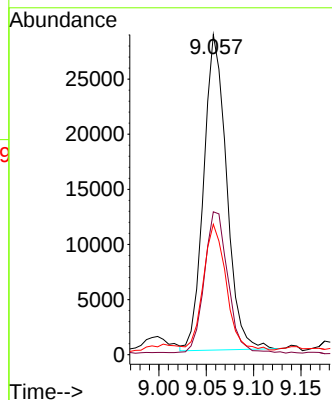
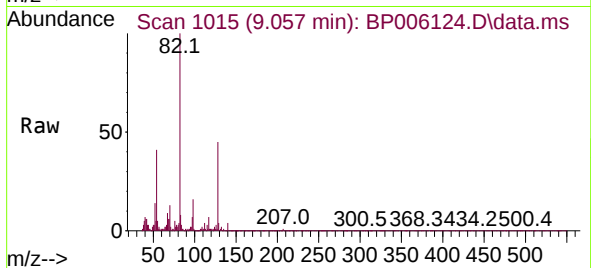




#23
Nitrobenzene-d5
Concen: 5.73 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

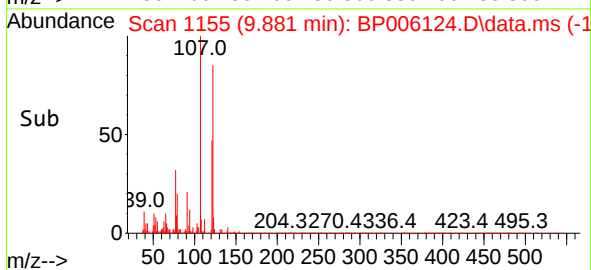
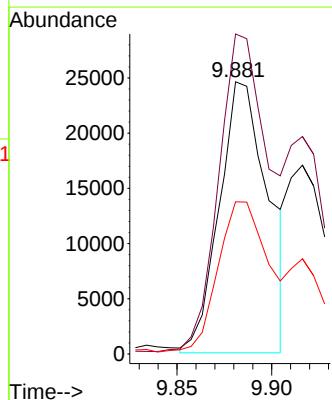
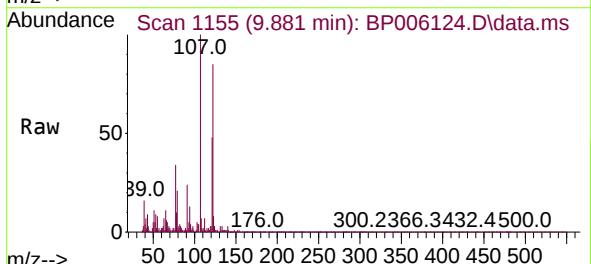
Instrument :
BNA_P
ClientSampleId :
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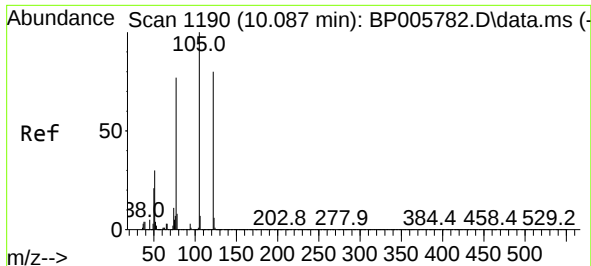
Tgt Ion: 82 Resp: 48208
Ion Ratio Lower Upper
82 100
128 44.7 35.7 53.5
54 40.7 35.0 52.4



#27
2,4-Dimethylphenol
Concen: 7.06 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

Tgt Ion: 122 Resp: 43839
Ion Ratio Lower Upper
122 100
107 117.6 94.5 141.7
121 55.9 47.4 71.2

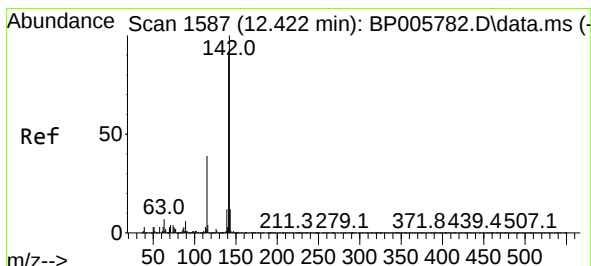
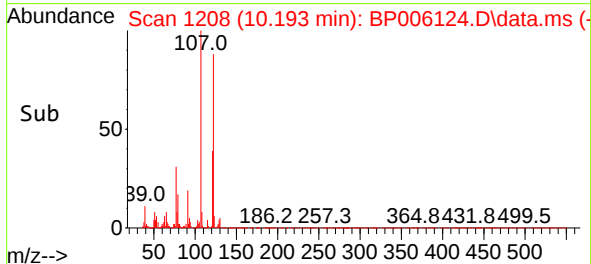
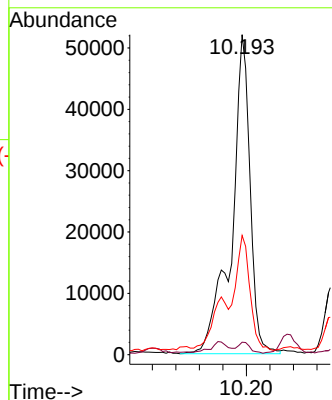
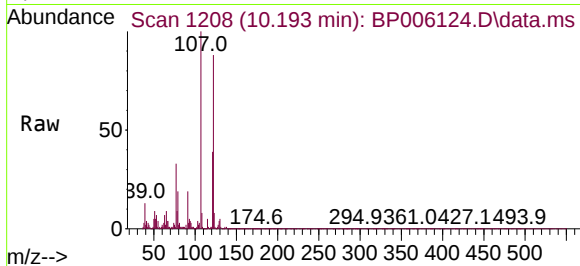




#32
Benzoic acid
Concen: 27.56 ng
RT: 10.193 min Scan# 1208
Delta R.T. 0.118 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

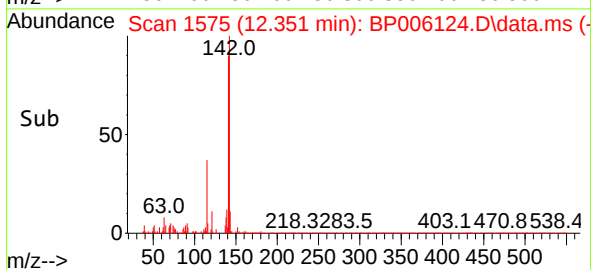
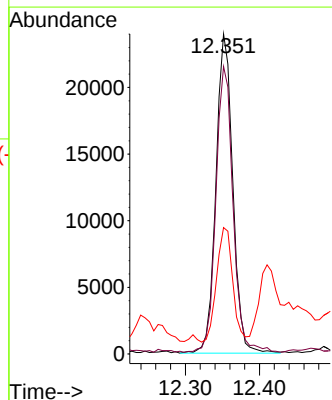
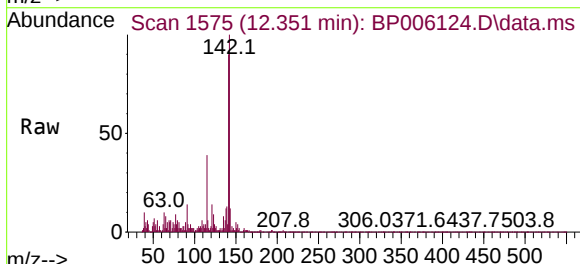
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BNA_P
ClientSampled :
FS-01

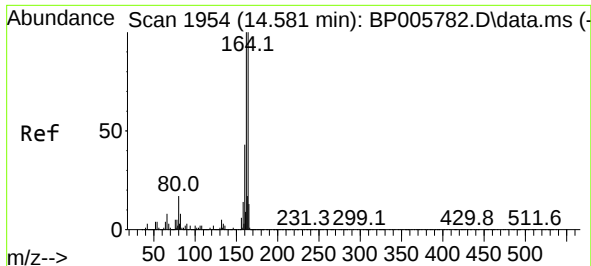
Tgt Ion:122 Resp: 113866
Ion Ratio Lower Upper
122 100
105 3.9 103.2 143.2#
77 37.3 76.2 116.2#



#37
2-Methylnaphthalene
Concen: 2.23 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

Tgt Ion:142 Resp: 37882
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.6
115 39.5 31.6 47.4

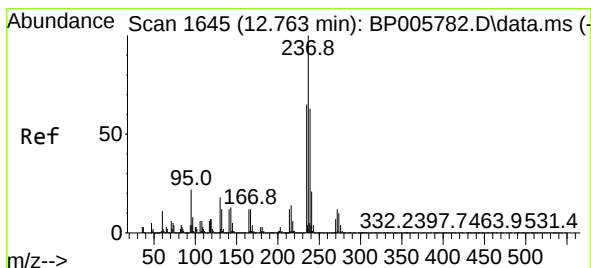
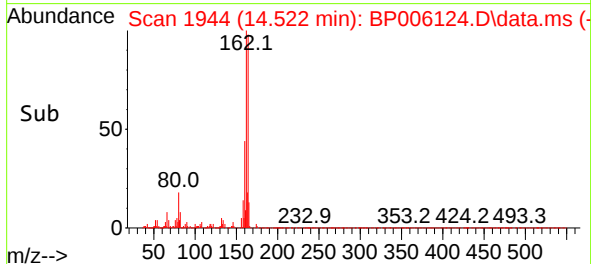
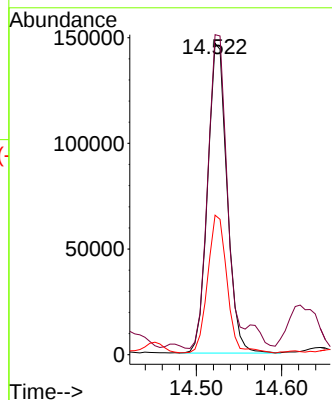
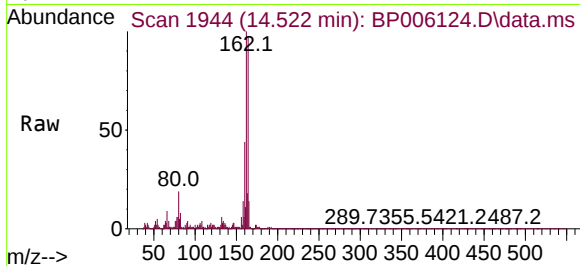




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

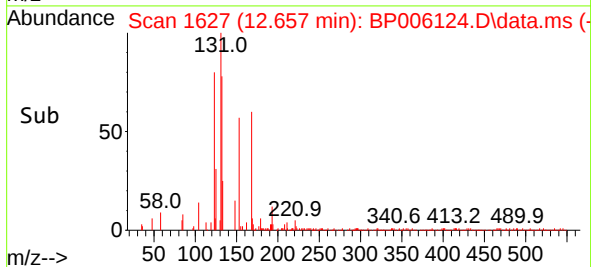
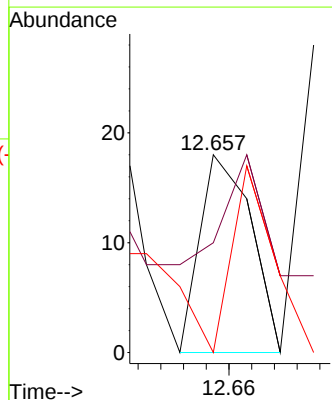
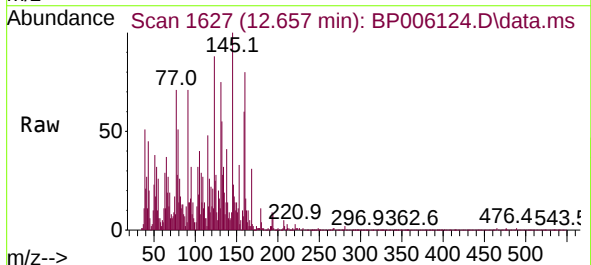
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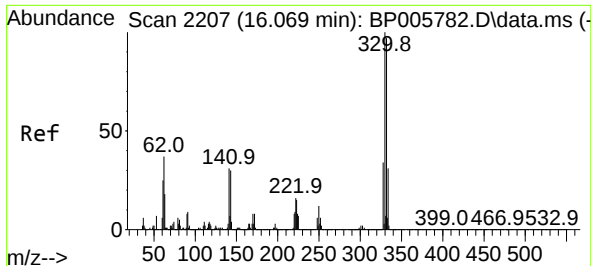
Tgt Ion:164	Resp:	231997
Ion	Ratio	Lower Upper
164	100	
162	102.8	80.2 120.2
160	44.8	34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.657 min Scan# 1627
Delta R.T. -0.041 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

Tgt Ion:237	Resp:	11
Ion	Ratio	Lower Upper
237	100	
235	55.6	44.5 84.5
272	0.0	0.0 32.5

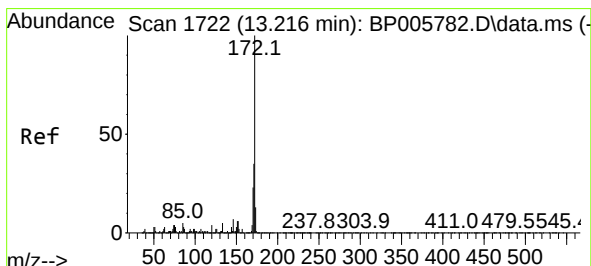
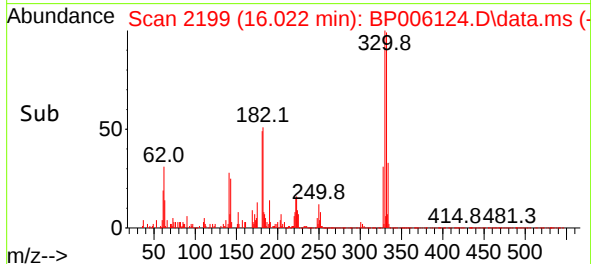
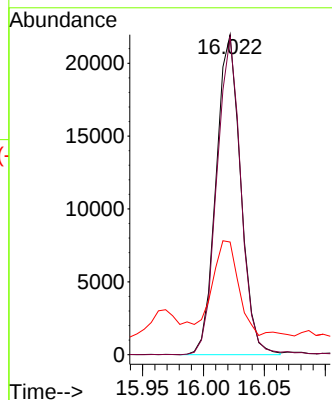
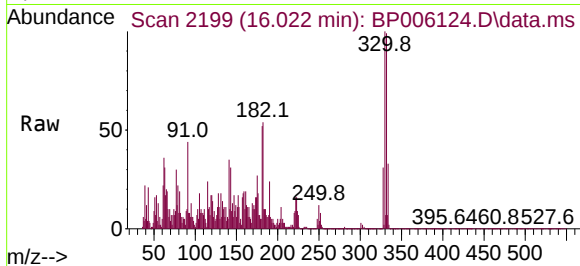




#42
2,4,6-Tribromophenol
Concen: 7.73 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

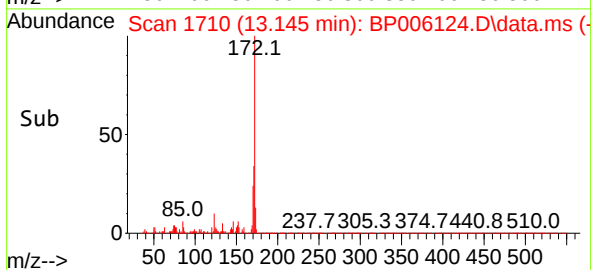
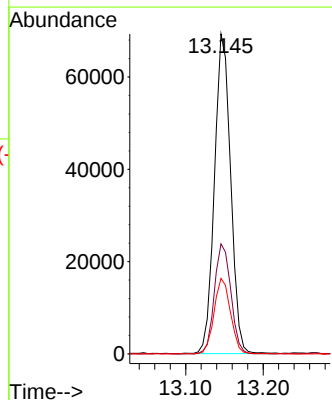
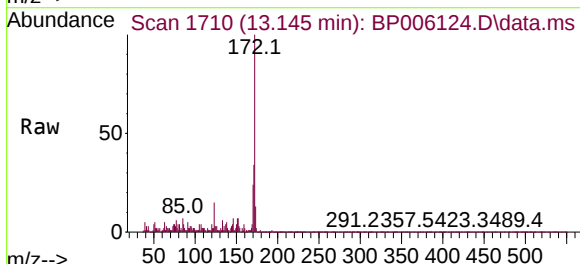
Instrument :
BNA_P
ClientSampleId :
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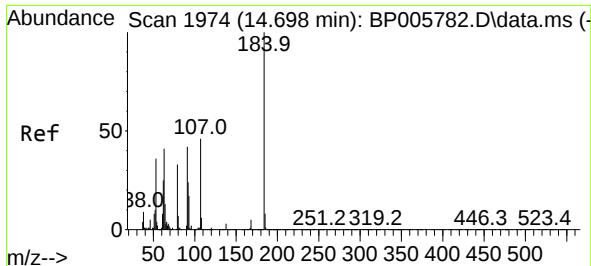
Tgt Ion:330 Resp: 30794
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 33.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 5.72 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

Tgt Ion:172 Resp: 100992
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.6 18.6 27.8

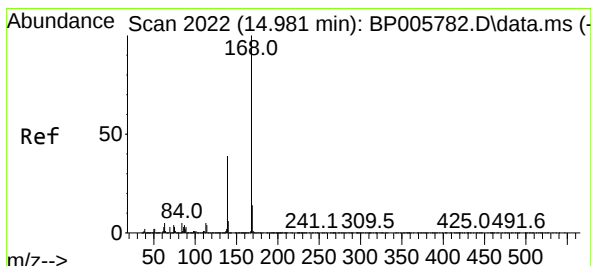
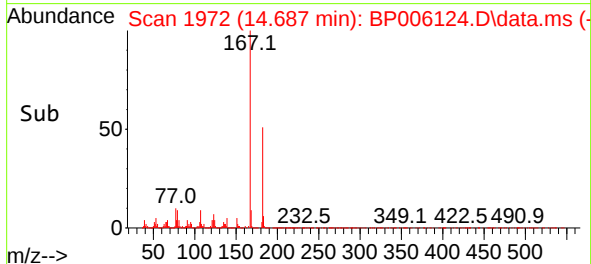
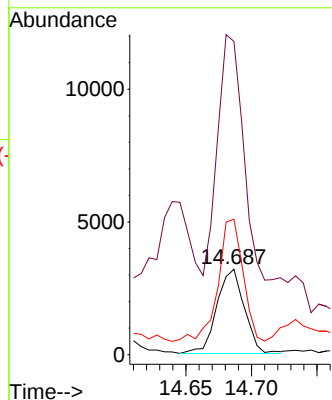
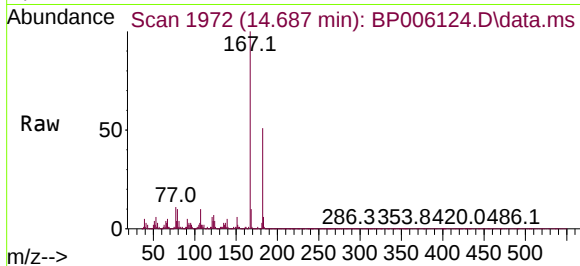




#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.018 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

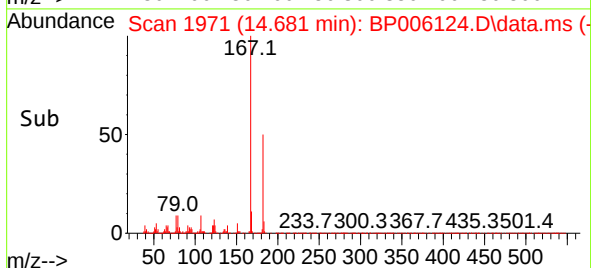
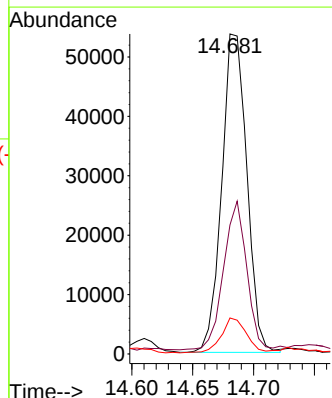
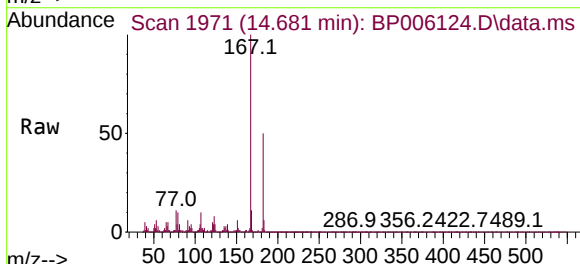
Instrument :
BNA_P
ClientSampled :
FS-01

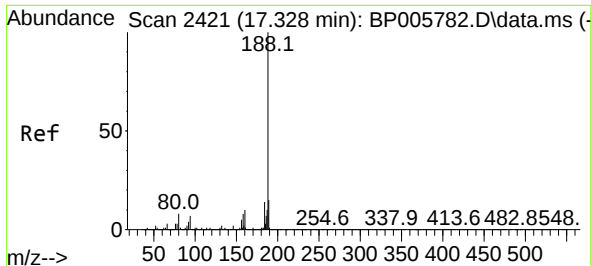
Tgt Ion:184 Resp: 4627
Ion Ratio Lower Upper
184 100
63 367.0 47.0 70.6#
154 158.7 52.3 78.5#



#55
Dibenzofuran
Concen: 3.29 ng
RT: 14.681 min Scan# 1971
Delta R.T. -0.241 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

Tgt Ion:168 Resp: 77057
Ion Ratio Lower Upper
168 100
139 40.3 31.0 46.6
169 11.3 10.8 16.2

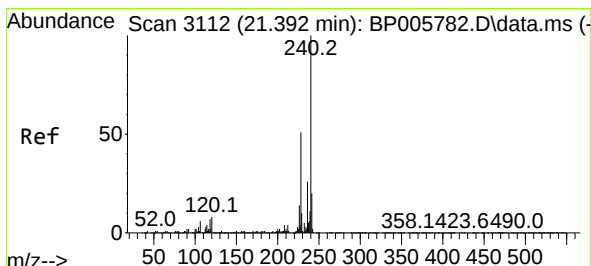
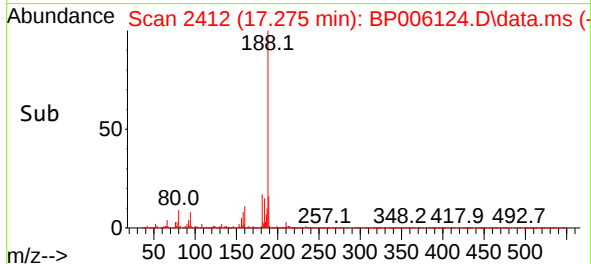
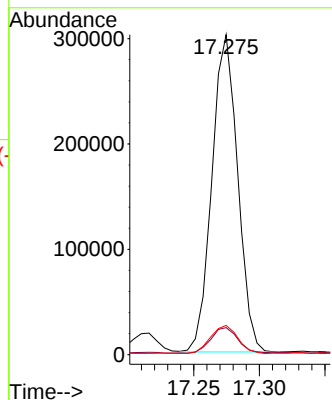
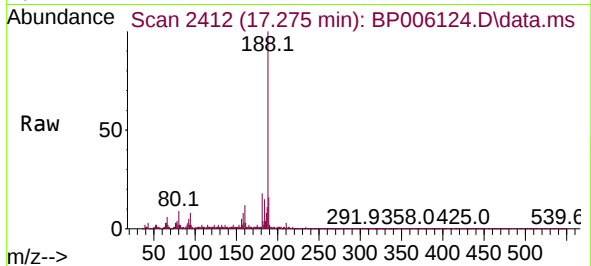




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

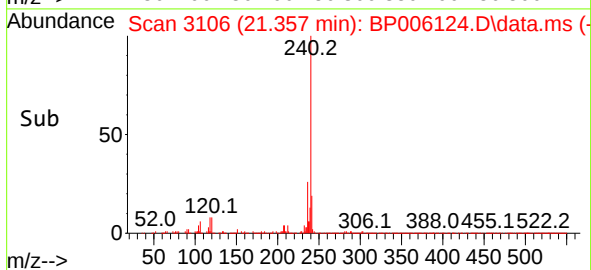
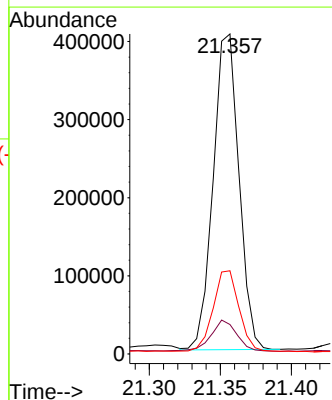
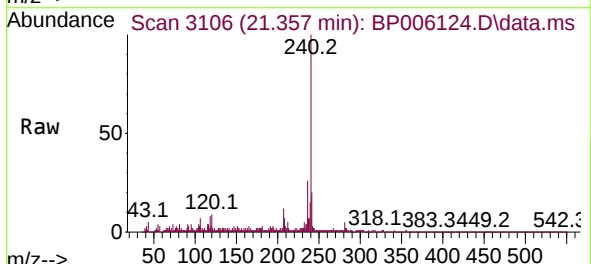
Instrument :
BNA_P
ClientSampleId :
FS-01

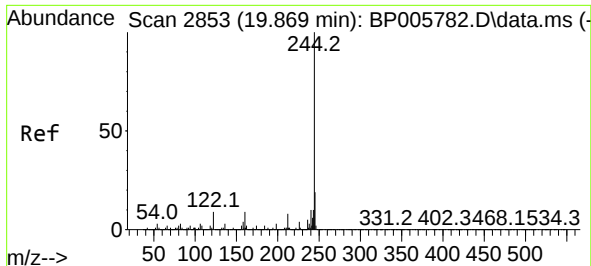
Tgt Ion:188 Resp: 411609
Ion Ratio Lower Upper
188 100
94 8.5 5.6 8.4#
80 9.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP006124.D
Acq: 01 Jul 2021 00:30

Tgt Ion:240 Resp: 509816
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 26.0 20.6 31.0

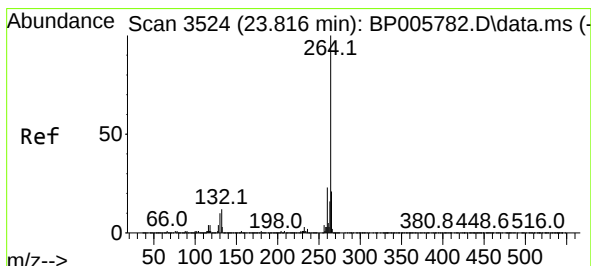
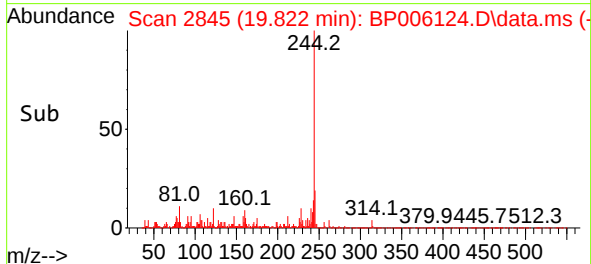
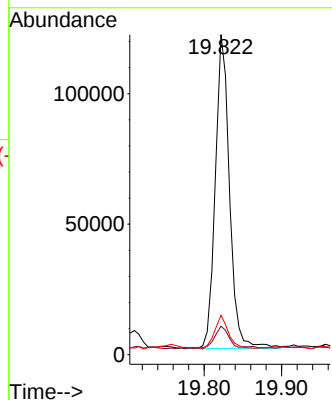
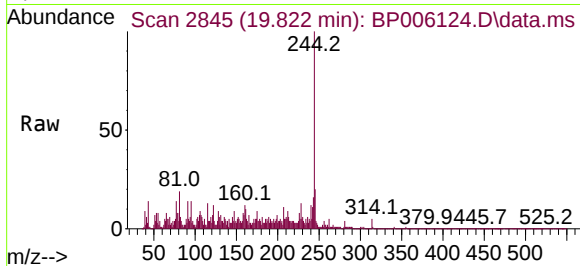




#79
 Terphenyl-d14
 Concen: 5.66 ng
 RT: 19.822 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BP006124.D
 Acq: 01 Jul 2021 00:30

Instrument :
 BNA_P
 ClientSampled :
 FS-01

Tgt Ion:244 Resp: 153985
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.0 9.0
 122 12.3 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.763 min Scan# 3515
 Delta R.T. 0.006 min
 Lab File: BP006124.D
 Acq: 01 Jul 2021 00:30

Tgt Ion:264 Resp: 613287
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 23.1 17.6 26.4

