

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
 Data File : BP007012.D
 Acq On : 17 Sep 2021 00:35
 Operator : CG/JU
 Sample : M3687-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A010145

Quant Time: Sep 17 02:40:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 16 15:16:52 2021
 Response via : Initial Calibration

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

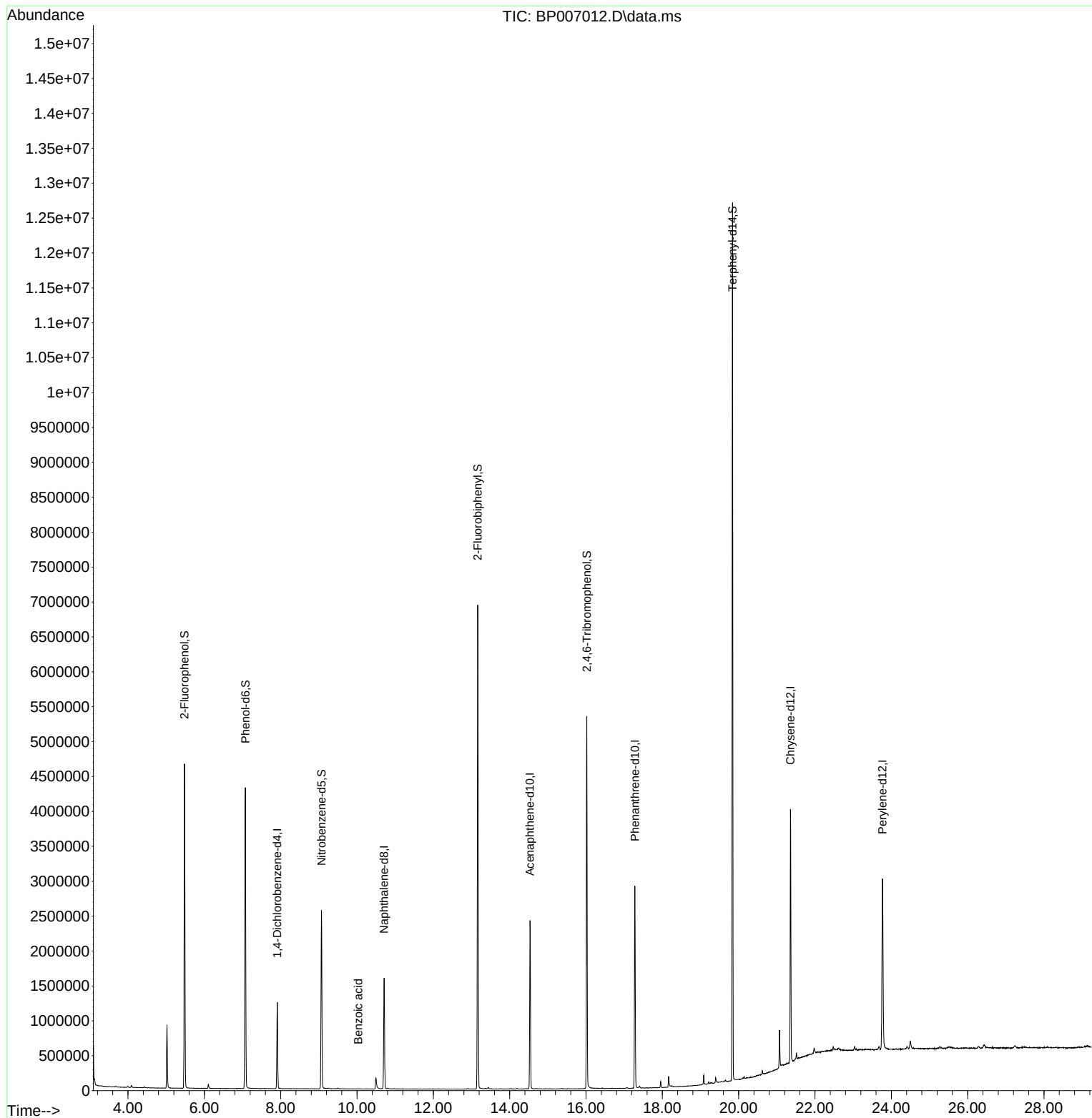
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	341212	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	1326035	20.000	ng	#-0.01
39) Acenaphthene-d10	14.534	164	814010	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	1724305	20.000	ng	#-0.01
76) Chrysene-d12	21.357	240	1732280	20.000	ng	#-0.02
86) Perylene-d12	23.768	264	1758275	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2102152	100.602	ng	0.00
7) Phenol-d6	7.075	99	2605223	91.345	ng	0.00
23) Nitrobenzene-d5	9.069	82	1466149	62.099	ng	-0.01
42) 2,4,6-Tribromophenol	16.022	330	929803	94.981	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	3636540	61.673	ng	-0.01
79) Terphenyl-d14	19.839	244	5792218	64.153	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.069	77	4184	Below Cal	#	5
32) Benzoic acid	10.034	122	179	6.107	ng	# 27

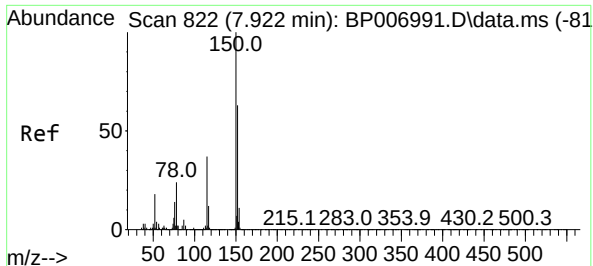
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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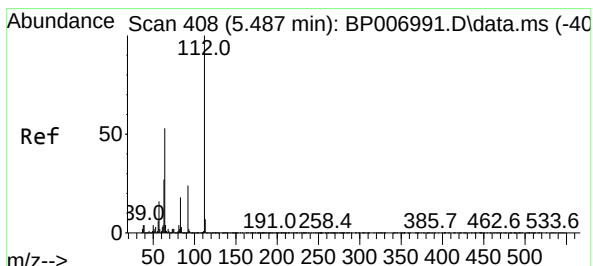
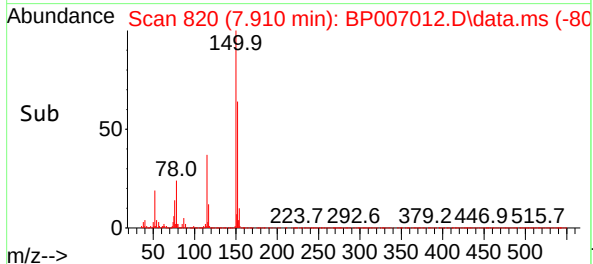
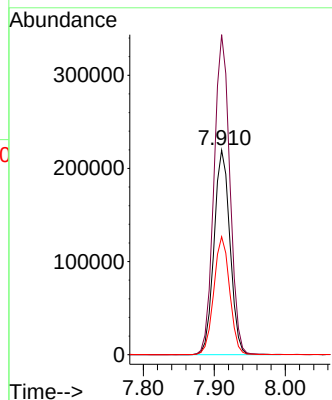
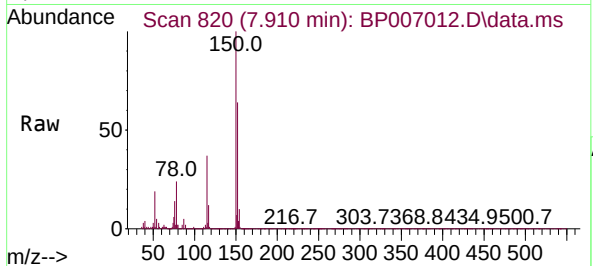




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

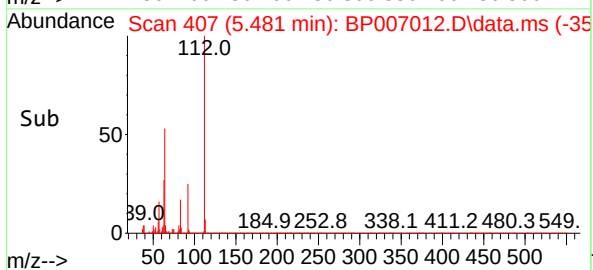
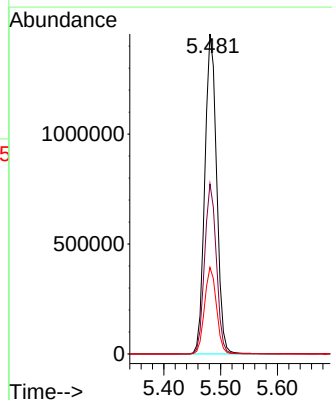
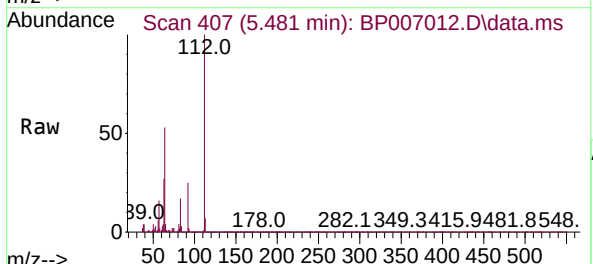
Instrument :
BNA_P
ClientSampleId :
A010145

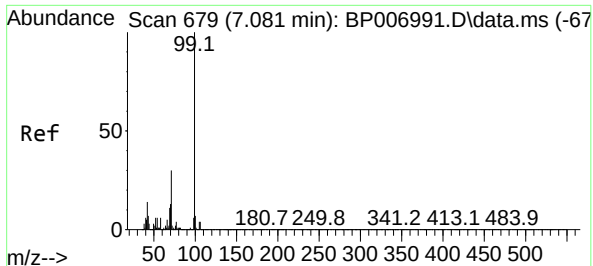
Tgt Ion:152 Resp: 341212
Ion Ratio Lower Upper
152 100
150 156.4 125.6 188.4
115 57.7 48.5 72.7



#5
2-Fluorophenol
Concen: 100.602 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

Tgt Ion:112 Resp: 2102152
Ion Ratio Lower Upper
112 100
64 53.2 41.4 62.2
63 27.0 23.8 35.8

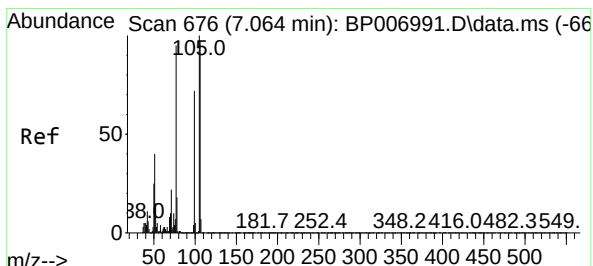
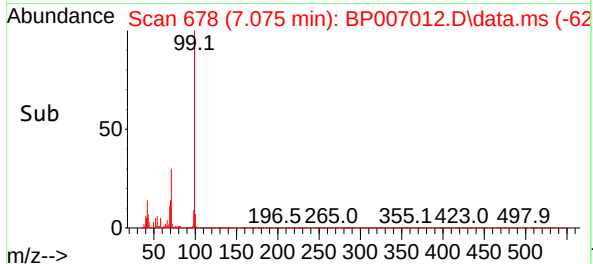
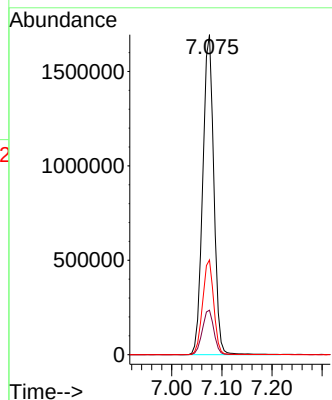
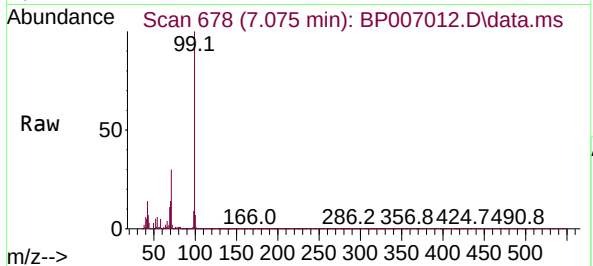




#7
Phenol-d6
Concen: 91.345 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

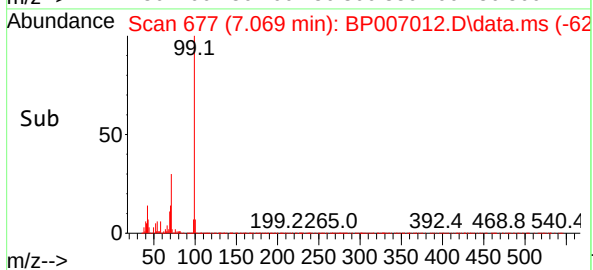
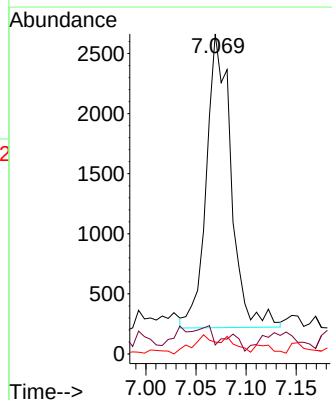
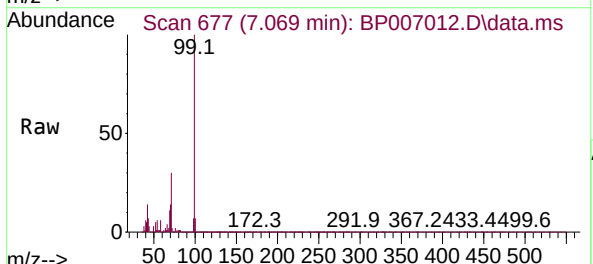
Instrument :
BNA_P
ClientSampleId :
A010145

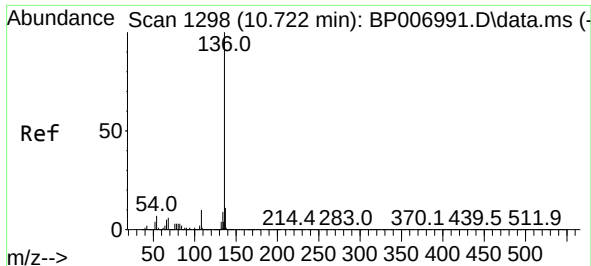
Tgt Ion: 99 Resp: 2605223
Ion Ratio Lower Upper
99 100
42 13.9 13.4 20.0
71 29.6 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.069 min Scan# 677
Delta R.T. 0.005 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

Tgt Ion: 77 Resp: 4184
Ion Ratio Lower Upper
77 100
105 2.8 76.7 116.7#
106 3.7 76.2 116.2#



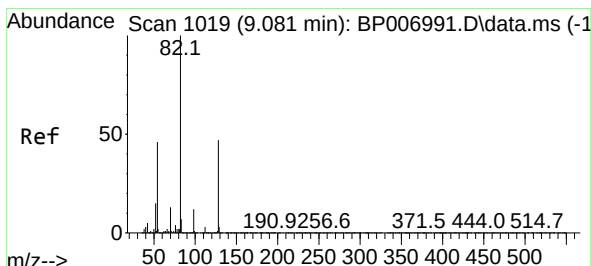
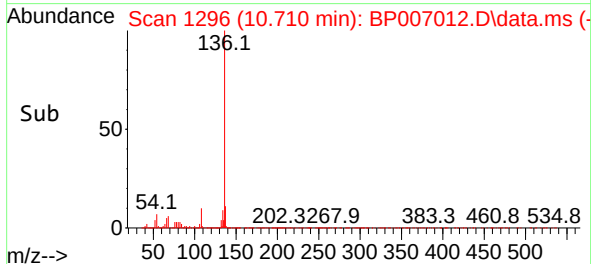
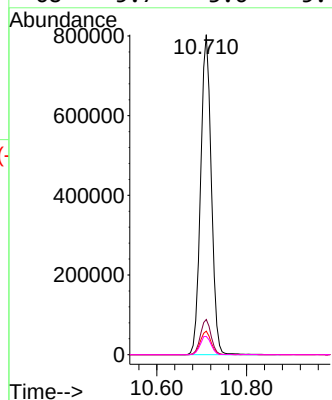
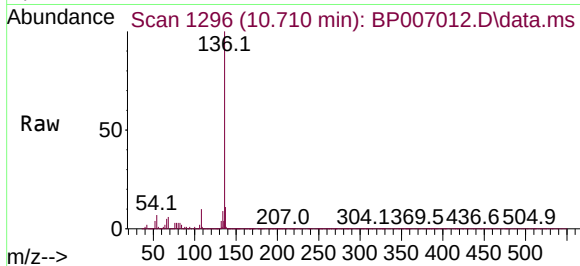


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

Instrument :
BNA_P
ClientSampleId :
A010145

Tgt Ion: 136 Resp: 1326035

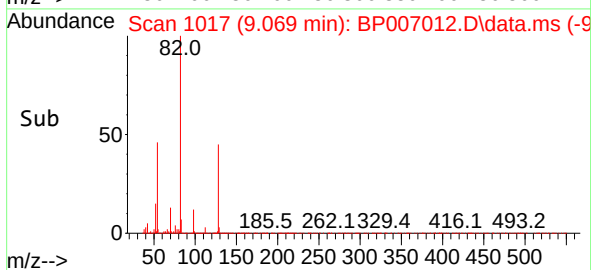
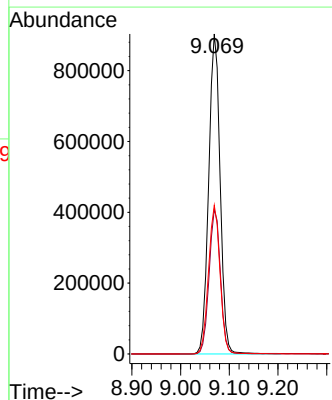
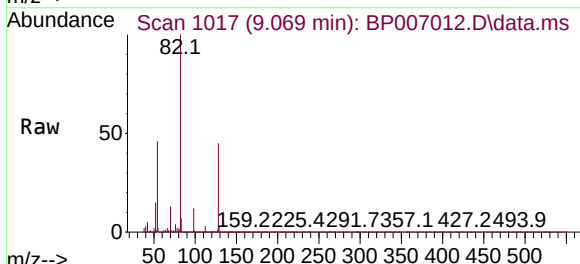
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.3	4.6	6.8#
68	5.7	3.6	5.4#

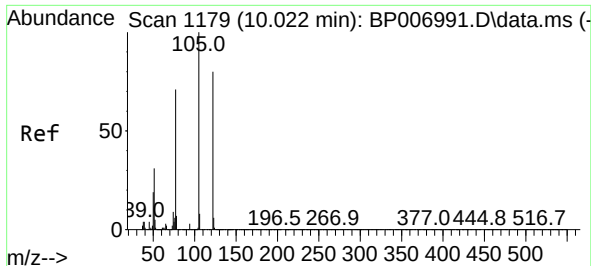


#23
Nitrobenzene-d5
Concen: 62.099 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

Tgt Ion: 82 Resp: 1466149

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	46.5	35.0	52.4

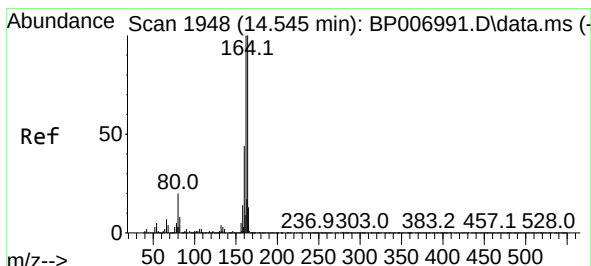
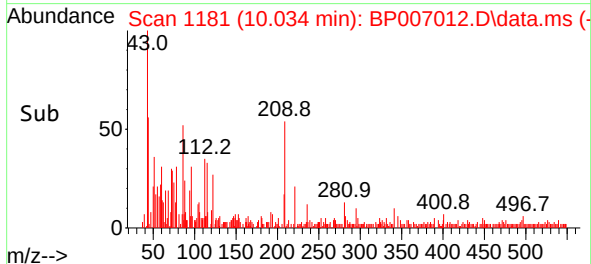
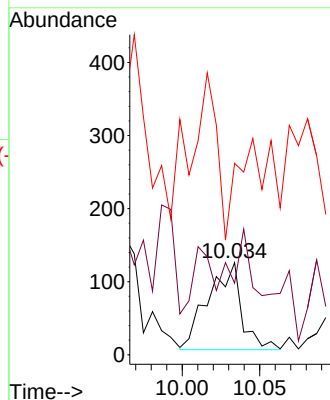
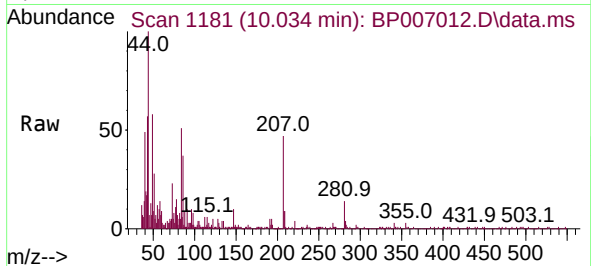




#32
Benzoic acid
Concen: 6.107 ng
RT: 10.034 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

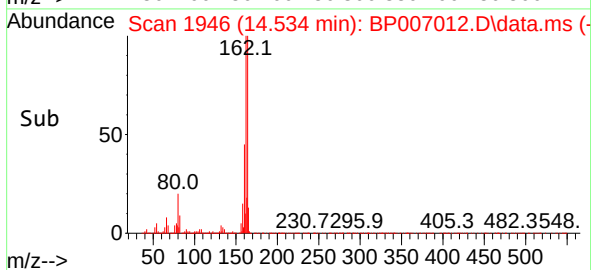
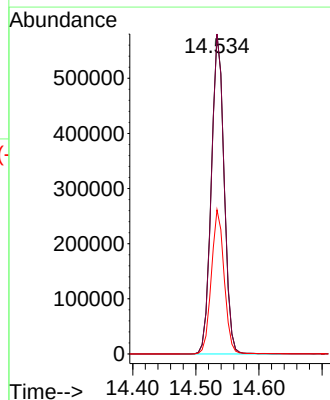
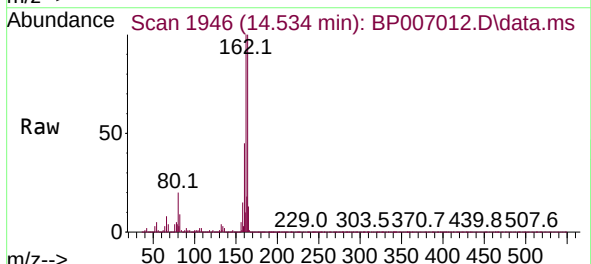
Instrument :
BNA_P
ClientSampleId :
A010145

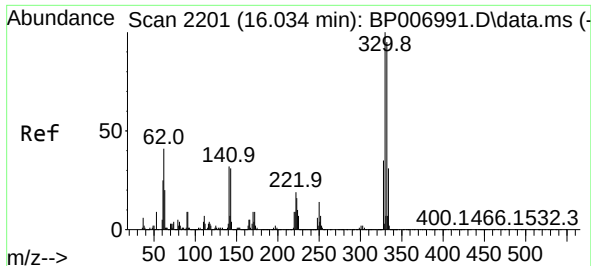
Tgt Ion:122 Resp: 179
Ion Ratio Lower Upper
122 100
105 77.8 103.2 143.2#
77 207.9 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

Tgt Ion:164 Resp: 814010
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 45.1 34.5 51.7

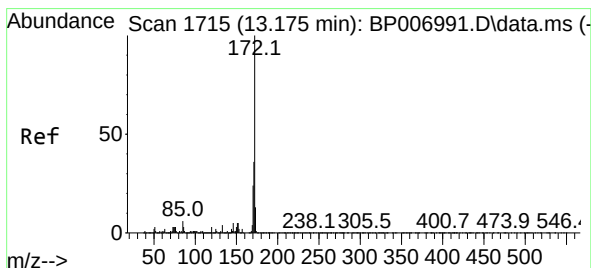
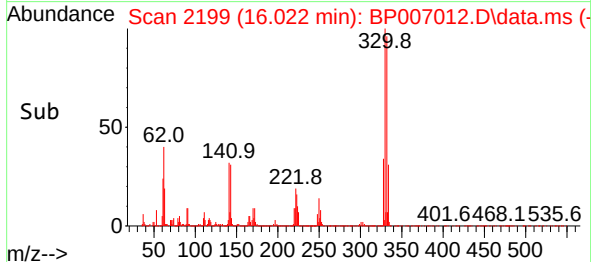
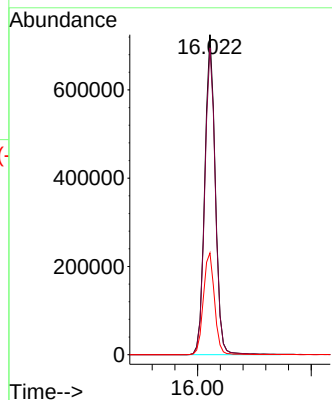
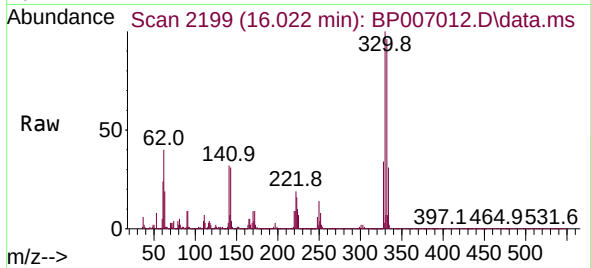




#42
2,4,6-Tribromophenol
Concen: 94.981 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

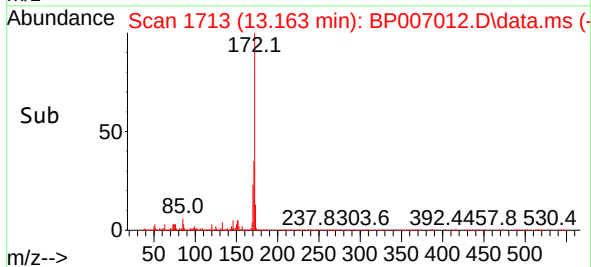
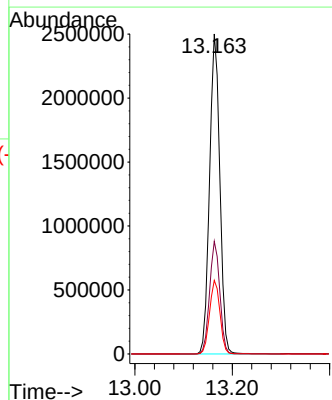
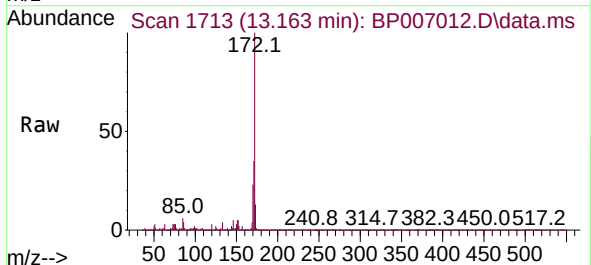
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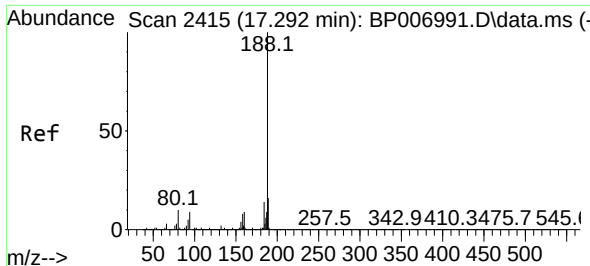
Tgt Ion:330 Resp: 929803
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 33.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 61.673 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

Tgt Ion:172 Resp: 3636540
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.0 18.6 27.8

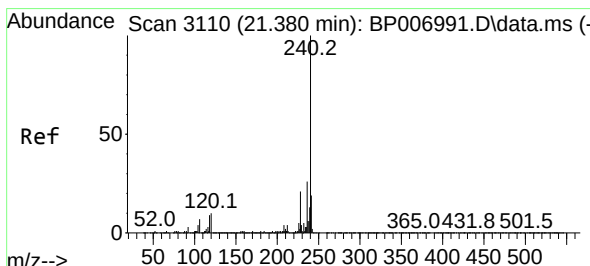
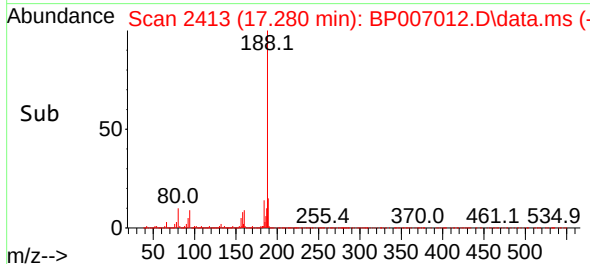
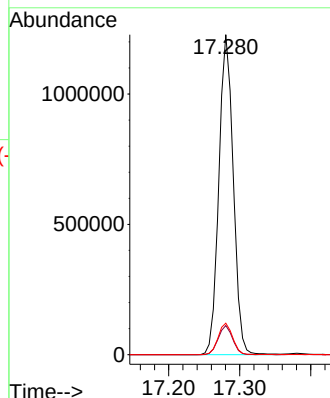
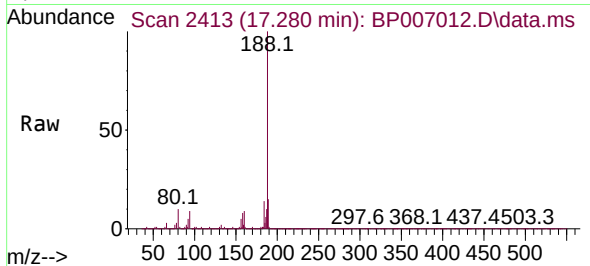




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

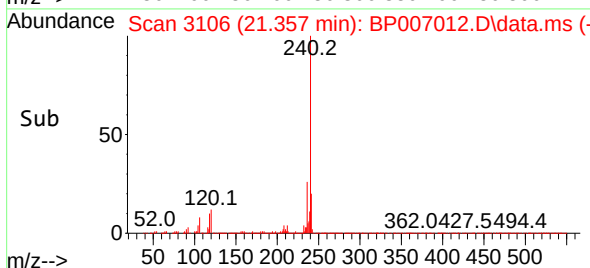
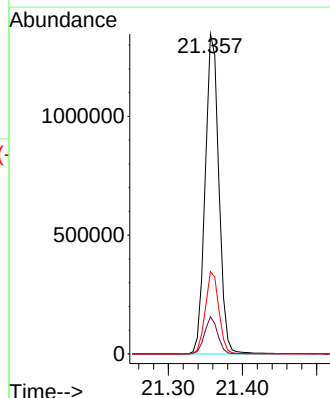
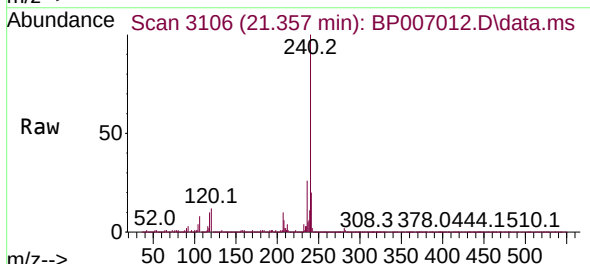
Instrument :
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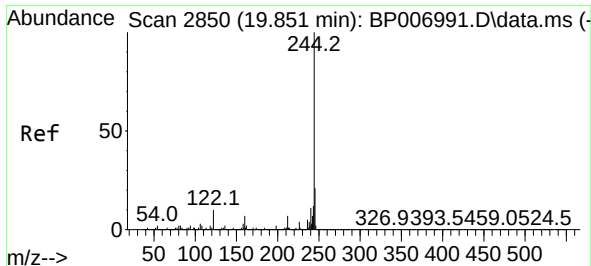
Tgt Ion:188 Resp: 1724305
Ion Ratio Lower Upper
188 100
94 9.1 5.6 8.4#
80 9.8 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.023 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

Tgt Ion:240 Resp: 1732280
Ion Ratio Lower Upper
240 100
120 11.6 6.5 9.7#
236 25.7 20.6 31.0

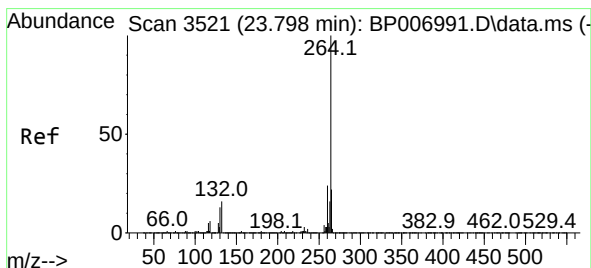
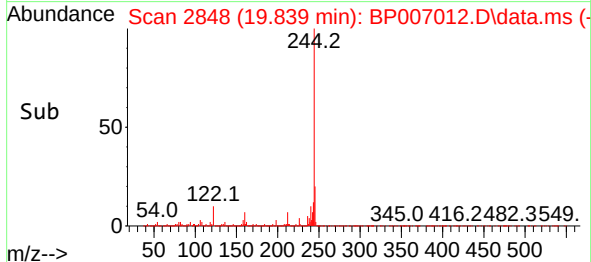
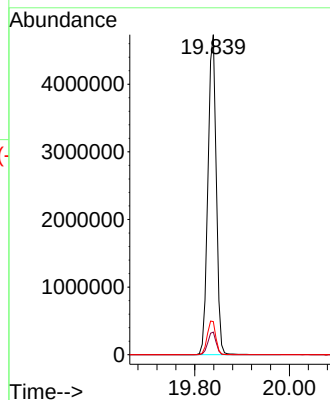
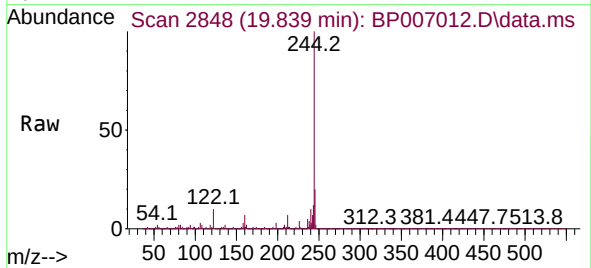




#79
Terphenyl-d14
Concen: 64.153 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

Instrument :
BNA_P
ClientSampleId :
A010145

Tgt Ion:244 Resp: 5792218
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.4 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.030 min
Lab File: BP007012.D
Acq: 17 Sep 2021 00:35

Tgt Ion:264 Resp: 1758275
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.6 17.6 26.4

