

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
 Data File : BP005839.D
 Acq On : 10 Jun 2021 15:53
 Operator : CG/JU
 Sample : M2613-26
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(134-138)

Quant Time: Jun 10 16:40:21 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 09 11:54:55 2021
 Response via : Initial Calibration

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

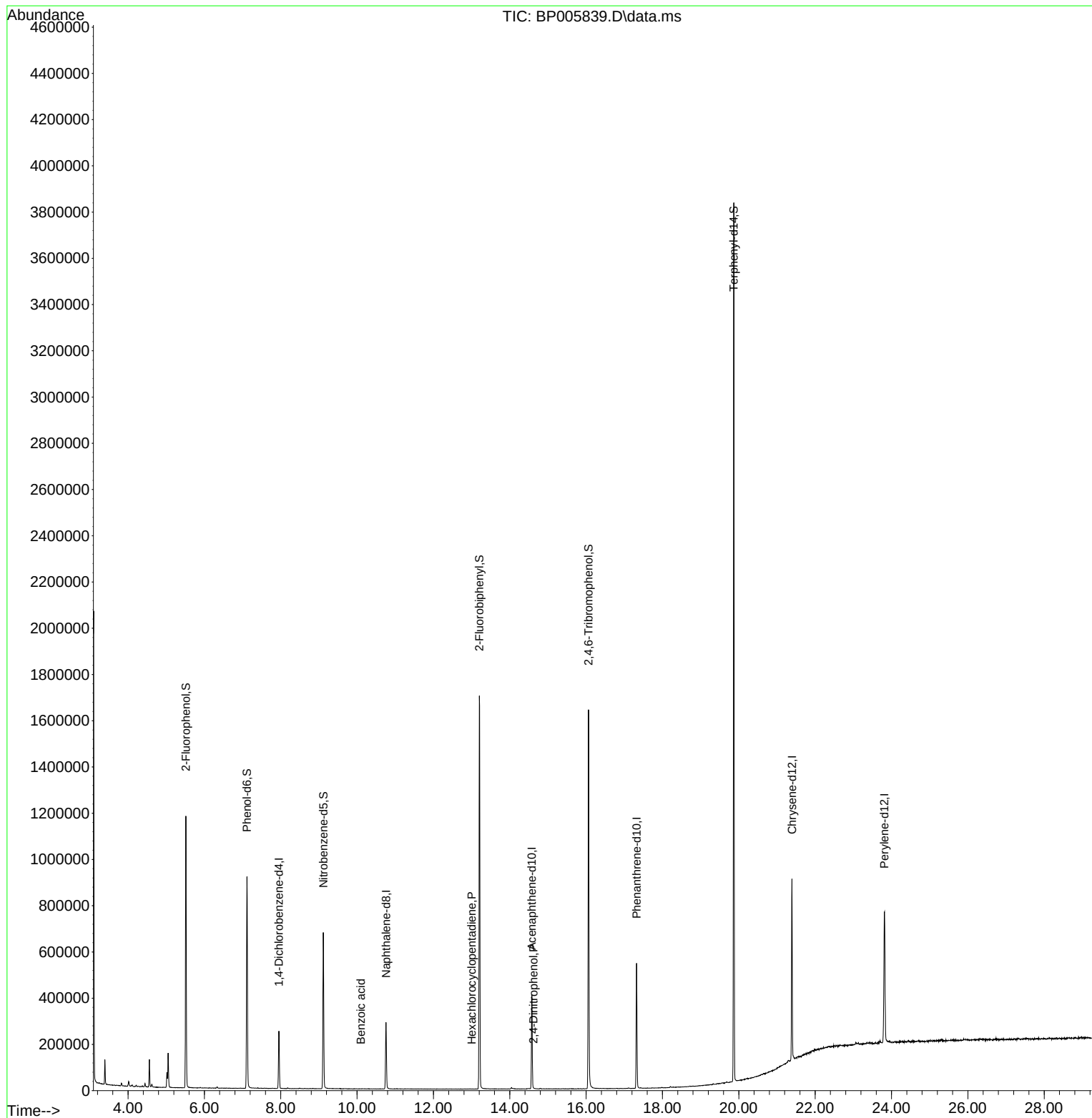
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	65995	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	236915	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	146303	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	321750	20.000	ng	0.00
76) Chrysene-d12	21.392	240	384446	20.000	ng	0.00
86) Perylene-d12	23.810	264	457236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	500768	121.759	ng	0.00
7) Phenol-d6	7.116	99	519538	97.460	ng	0.00
23) Nitrobenzene-d5	9.116	82	392040	81.129	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	327776	130.553	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	882138	79.176	ng	-0.01
79) Terphenyl-d14	19.869	244	1606823	78.262	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.099	122	30	6.329	ng	# 1
41) Hexachlorocyclopentadiene	13.004	237	16	5.510	ng	79
54) 2,4-Dinitrophenol	14.622	184	16	4.858	ng	89

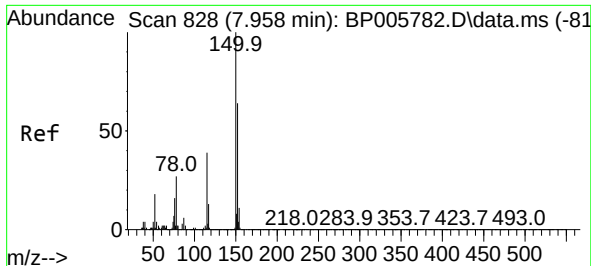
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration

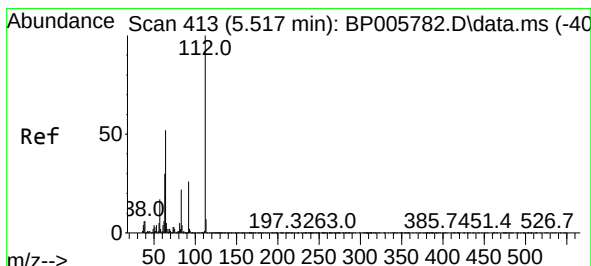
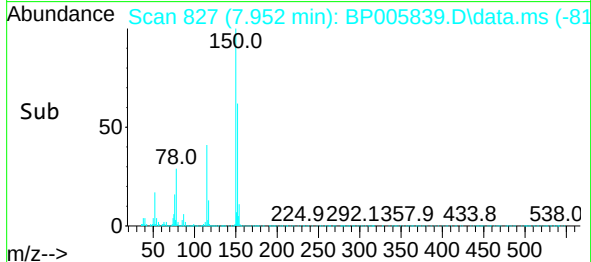
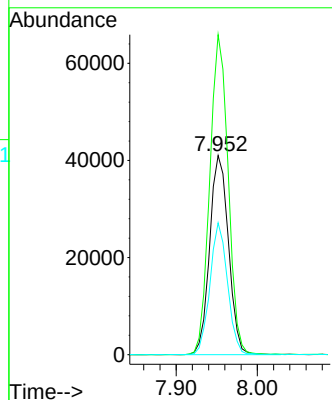
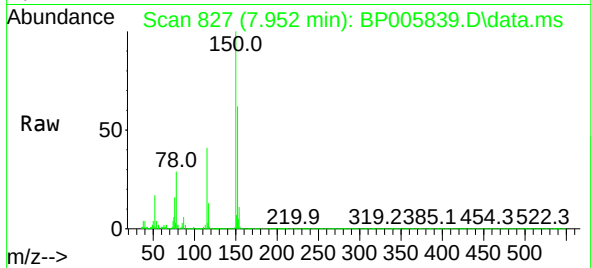




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 827
Delta R.T. -0.006 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

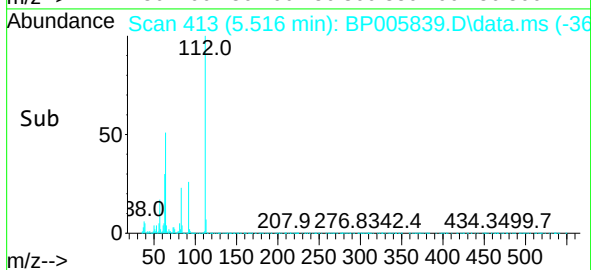
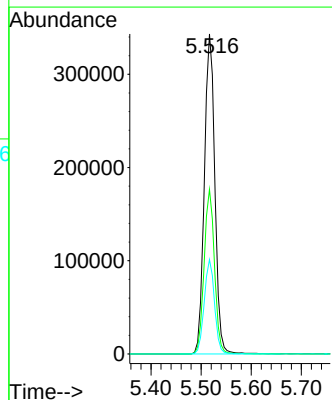
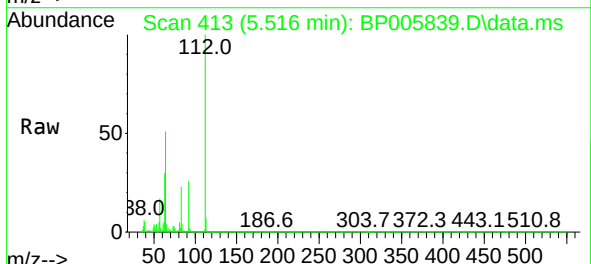
Instrument :
BNA_P
ClientSampleId :
18-B12(134-138)

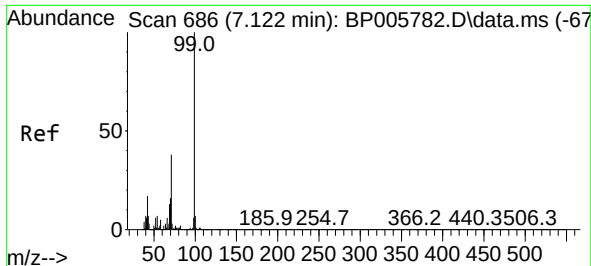
Tgt Ion:152 Resp: 65995
Ion Ratio Lower Upper
152 100
150 160.6 125.6 188.4
115 66.2 48.5 72.7



#5
2-Fluorophenol
Concen: 121.759 ng
RT: 5.516 min Scan# 413
Delta R.T. -0.001 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

Tgt Ion:112 Resp: 500768
Ion Ratio Lower Upper
112 100
64 51.4 41.4 62.2
63 29.5 23.8 35.8

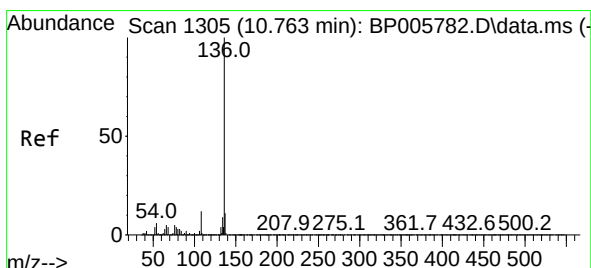
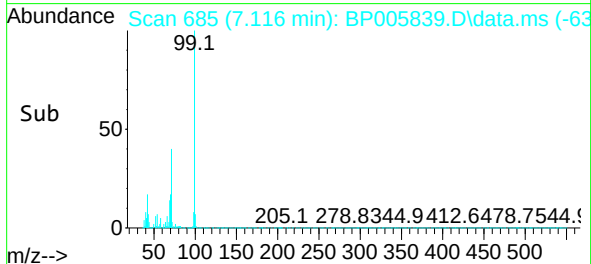
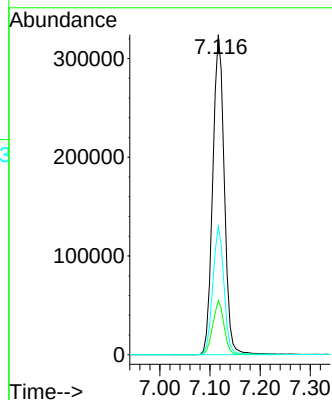
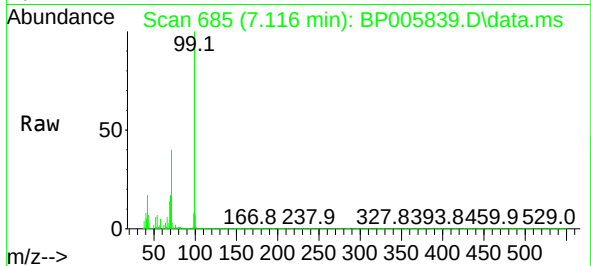




#7
Phenol-d6
Concen: 97.460 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

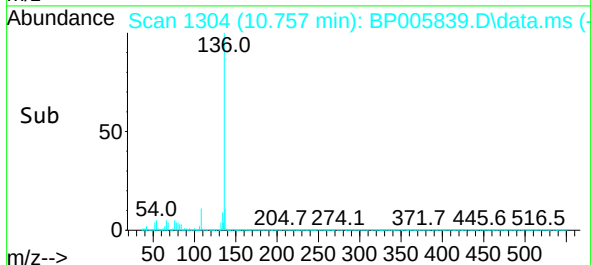
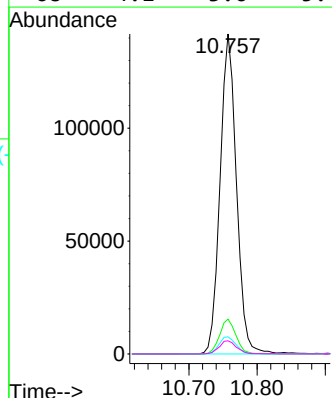
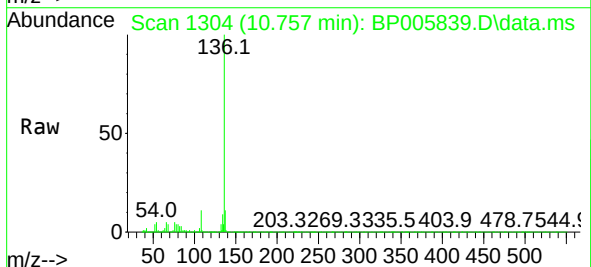
Instrument :
BNA_P
ClientSampleId :
18-B12(134-138)

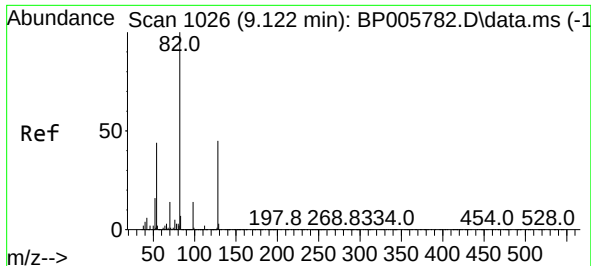
Tgt Ion: 99 Resp: 519538
Ion Ratio Lower Upper
99 100
42 16.9 13.4 20.0
71 40.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

Tgt Ion: 136 Resp: 236915
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 5.4 4.6 6.8
68 4.1 3.6 5.4

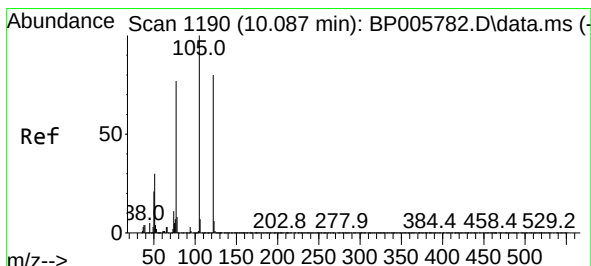
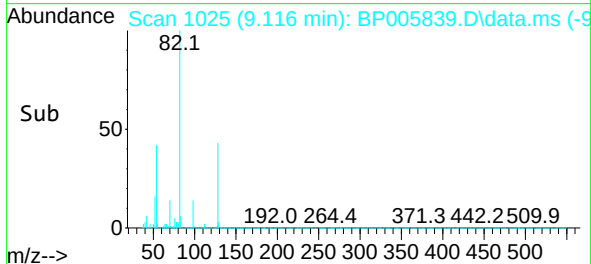
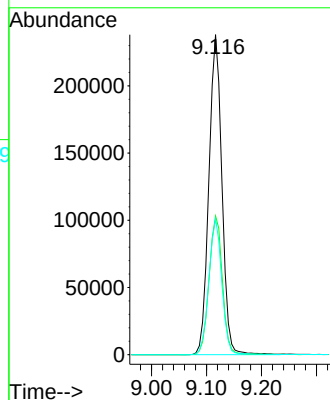
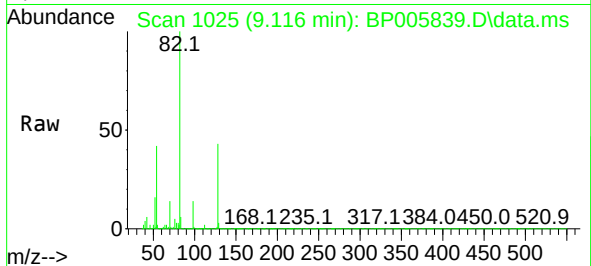




#23
Nitrobenzene-d5
Concen: 81.129 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

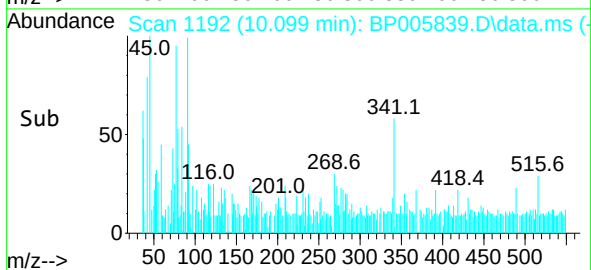
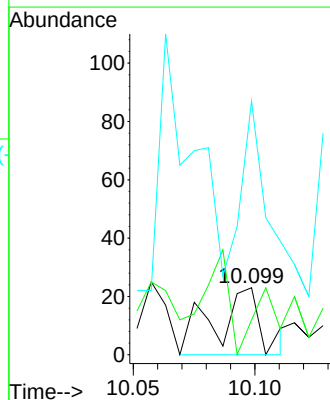
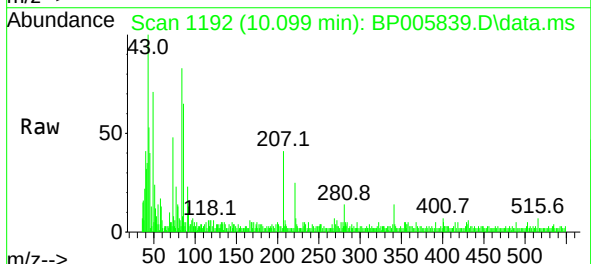
Instrument :
BNA_P
ClientSampleId :
18-B12(134-138)

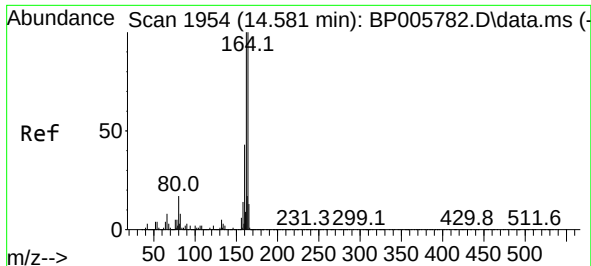
Tgt Ion: 82 Resp: 392040
Ion Ratio Lower Upper
82 100
128 43.4 35.7 53.5
54 42.4 35.0 52.4



#32
Benzoic acid
Concen: 6.329 ng
RT: 10.099 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

Tgt Ion: 122 Resp: 30
Ion Ratio Lower Upper
122 100
105 52.2 103.2 143.2#
77 378.3 76.2 116.2#

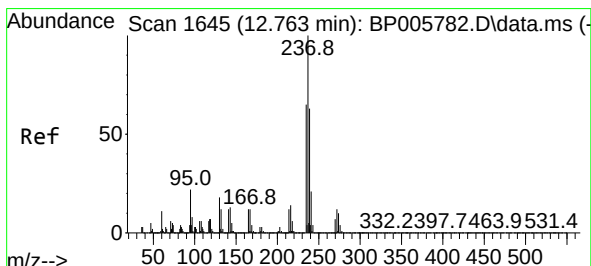
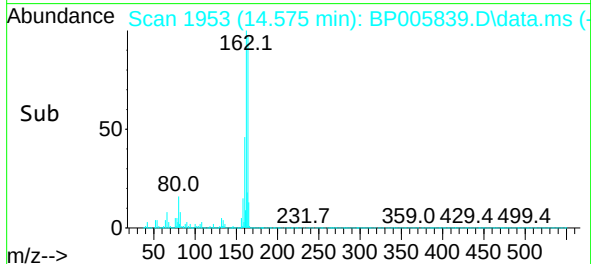
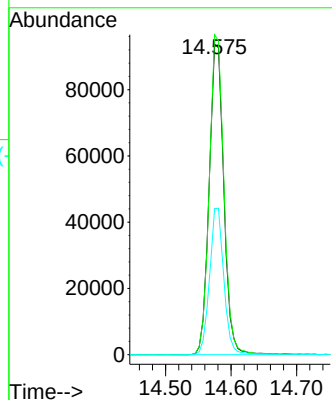
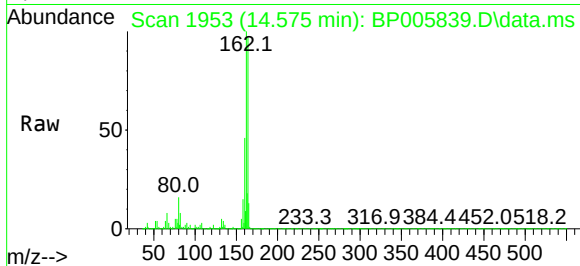




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

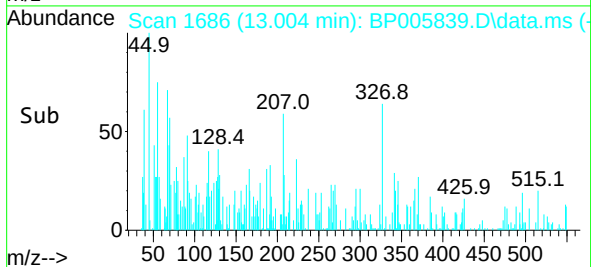
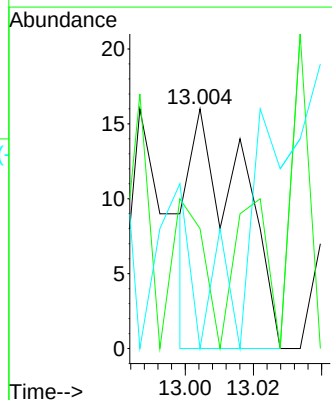
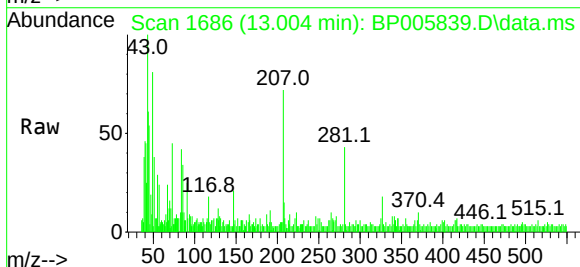
Instrument :
BNA_P
ClientSampleId :
18-B12(134-138)

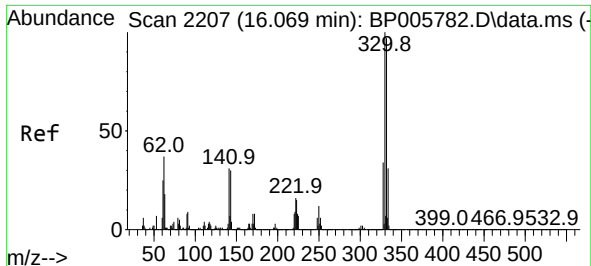
Tgt Ion:164 Resp: 146303
Ion Ratio Lower Upper
164 100
162 103.1 80.2 120.2
160 47.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.510 ng
RT: 13.004 min Scan# 1686
Delta R.T. 0.241 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

Tgt Ion:237 Resp: 16
Ion Ratio Lower Upper
237 100
235 50.0 44.5 84.5
272 0.0 0.0 32.5

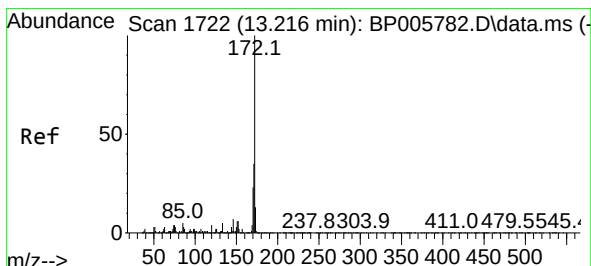
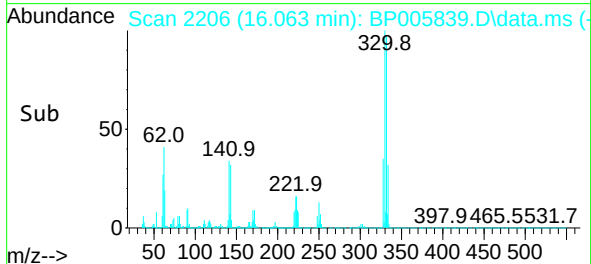
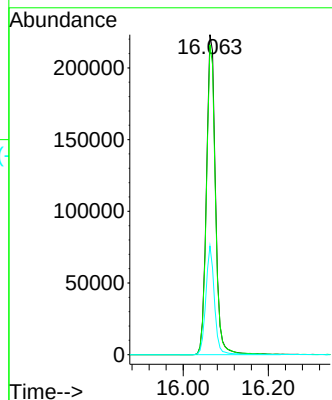
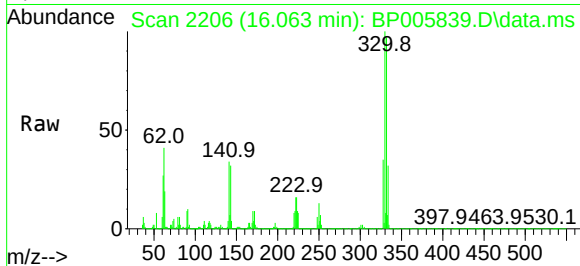




#42
2,4,6-Tribromophenol
Concen: 130.553 ng
RT: 16.063 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

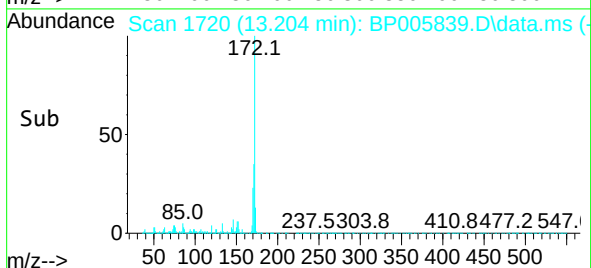
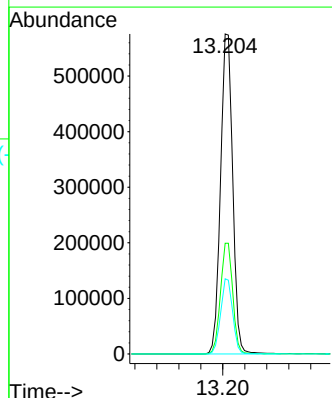
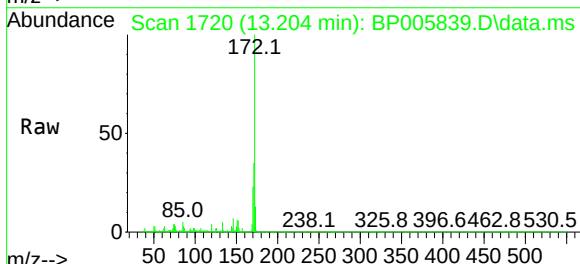
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18-B12(134-138)

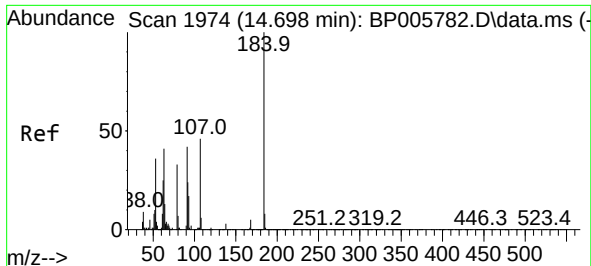
Tgt Ion: 330 Resp: 327776
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 32.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 79.176 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

Tgt Ion: 172 Resp: 882138
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.5 18.6 27.8

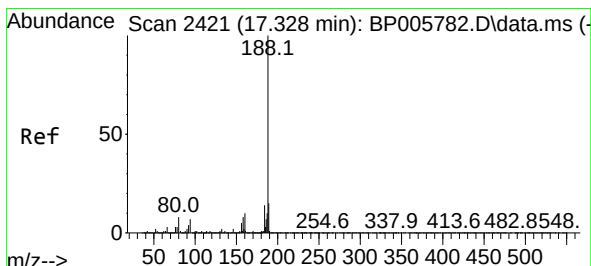
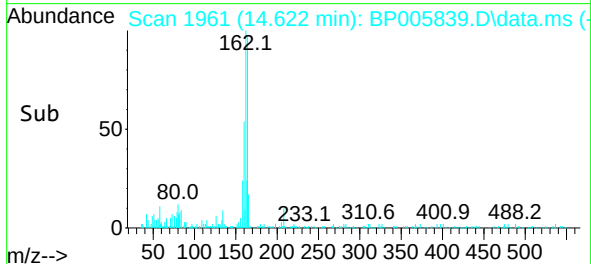
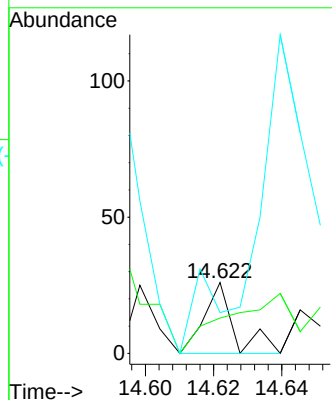
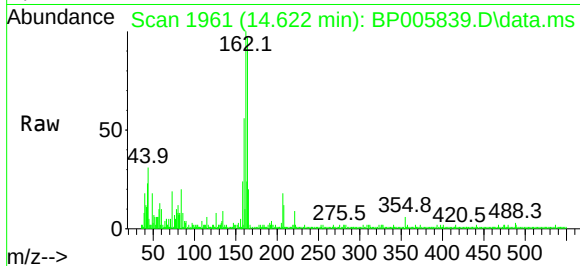




#54
2,4-Dinitrophenol
Concen: 4.858 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.076 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

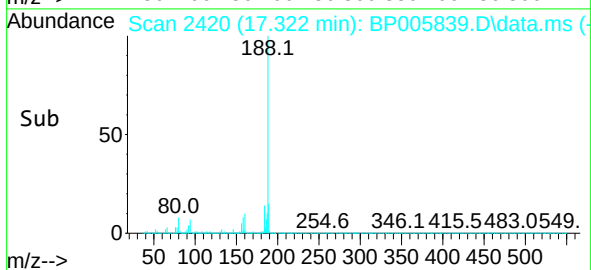
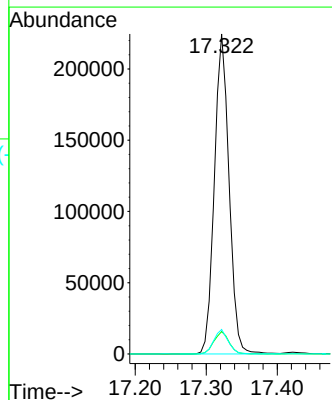
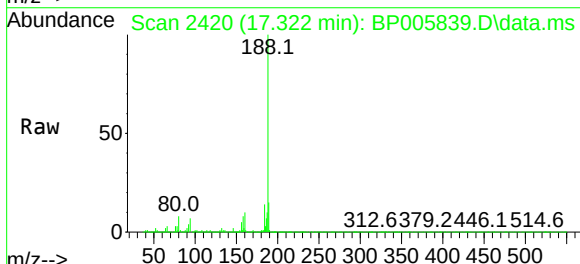
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18-B12(134-138)

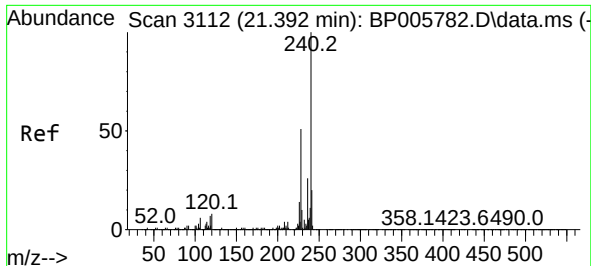
Tgt Ion:184	Resp:	16
Ion	Ratio	Lower Upper
184	100	
63	50.0	47.0 70.6
154	57.7	52.3 78.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

Tgt Ion:188	Resp:	321750
Ion	Ratio	Lower Upper
188	100	
94	7.0	5.6 8.4
80	7.6	6.3 9.5

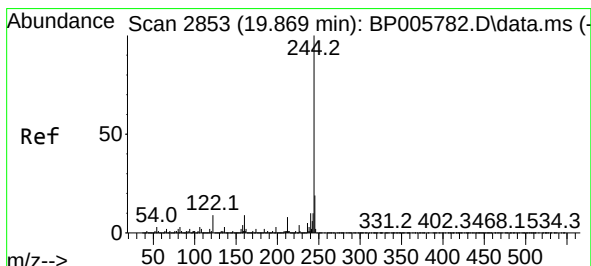
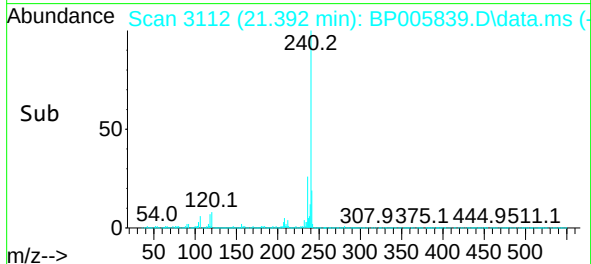
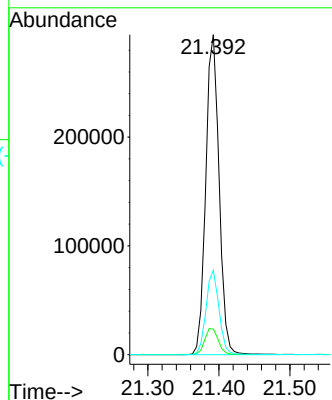
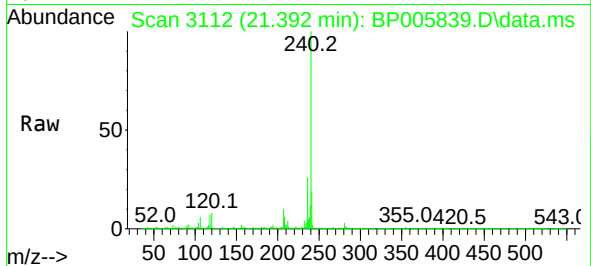




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

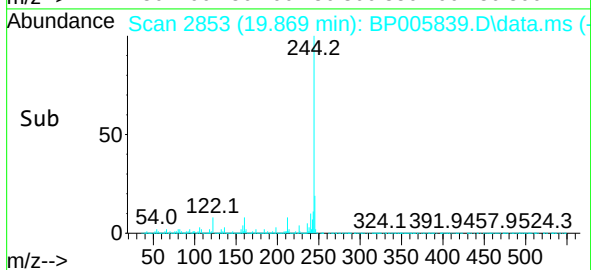
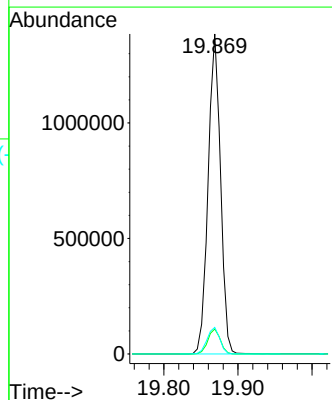
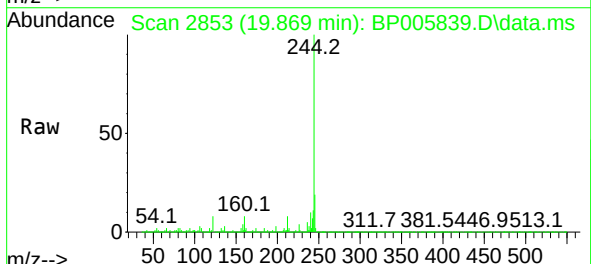
Instrument :
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18-B12(134-138)

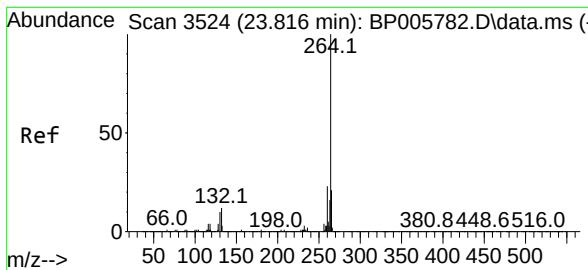
Tgt Ion:240 Resp: 384446
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 26.3 20.6 31.0



#79
Terphenyl-d14
Concen: 78.262 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP005839.D
Acq: 10 Jun 2021 15:53

Tgt Ion:244 Resp: 1606823
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 8.3 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 3523
 Delta R.T. -0.006 min
 Lab File: BP005839.D
 Acq: 10 Jun 2021 15:53

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(134-138)

Tgt Ion:	264	Resp:	457236
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.6	28.0
265	22.1	17.6	26.4

