

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
 Data File : BP008367.D
 Acq On : 11 Dec 2021 14:28
 Operator : CG/JU
 Sample : M4967-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 11 20:12:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

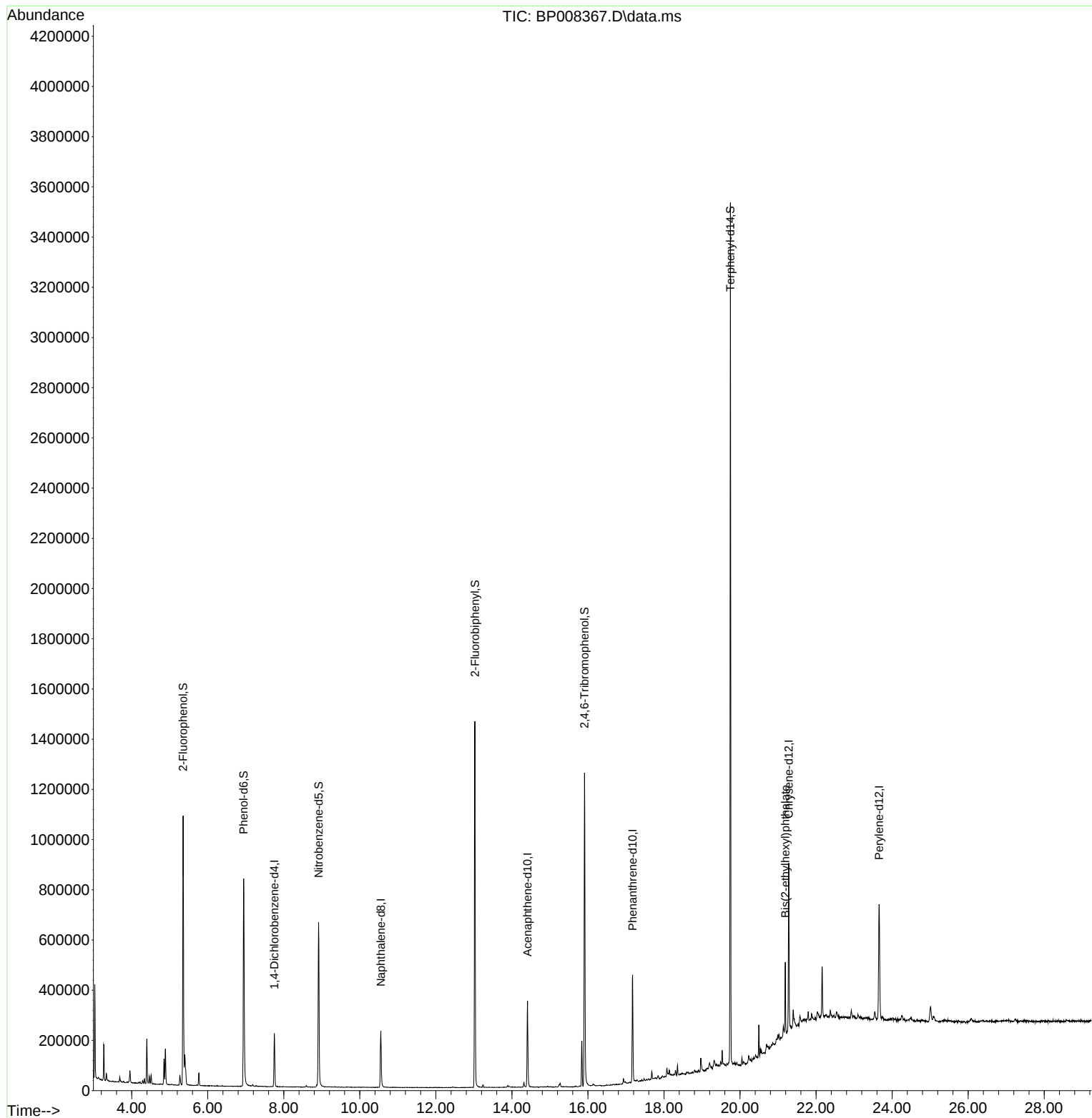
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	51824	20.000	ng	-0.01
21) Naphthalene-d8	10.551	136	185826	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	116629	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	263925	20.000	ng	0.00
76) Chrysene-d12	21.280	240	326769	20.000	ng	0.00
86) Perylene-d12	23.656	264	369638	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	416667	129.452	ng	0.00
7) Phenol-d6	6.946	99	483470	111.270	ng	0.00
23) Nitrobenzene-d5	8.916	82	395091	96.682	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	239524	160.677	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	755072	94.039	ng	0.00
79) Terphenyl-d14	19.745	244	1507970	96.446	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.887	77	73	Below Cal	#	18
78) Pyrene	19.557	202	1615	Below Cal	#	85
84) Bis(2-ethylhexyl)phtha...	21.192	149	86561	6.127	ng	98

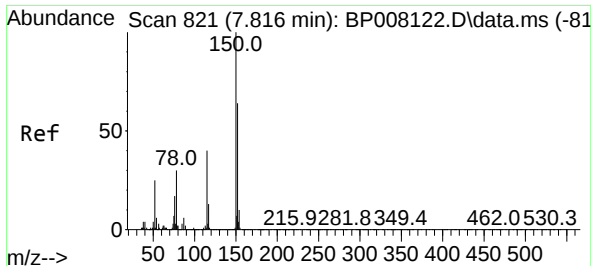
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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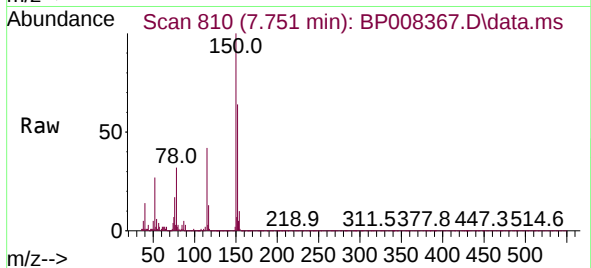
Quant Time: Dec 11 20:12:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration



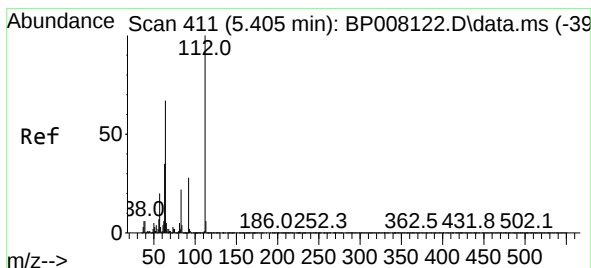
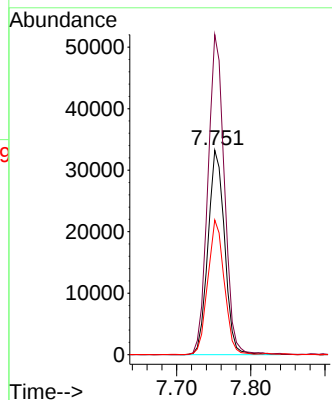
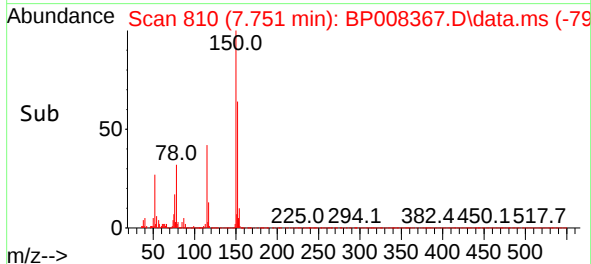


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

Instrument :
BNA_P
ClientSampleId :

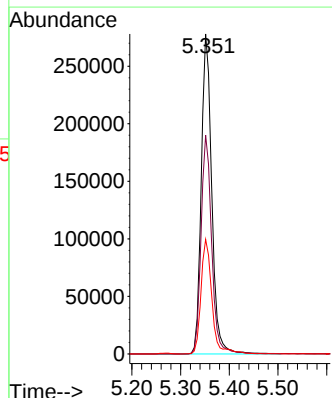
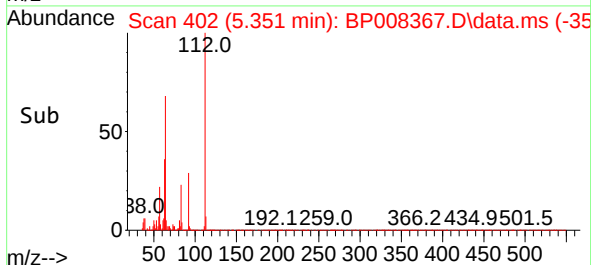
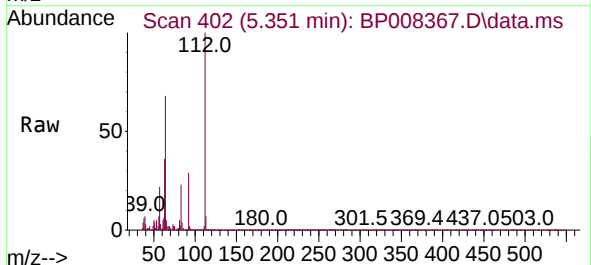


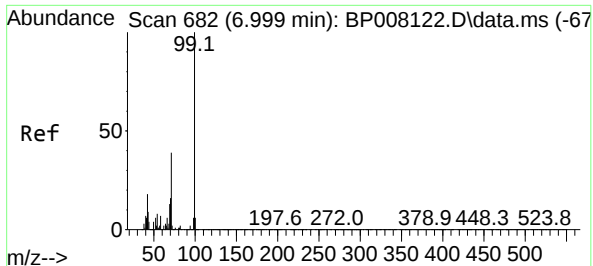
Tgt Ion:152 Resp: 51824
Ion Ratio Lower Upper
152 100
150 156.5 125.7 188.5
115 65.9 50.7 76.1



#5
2-Fluorophenol
Concen: 129.452 ng
RT: 5.351 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

Tgt Ion:112 Resp: 416667
Ion Ratio Lower Upper
112 100
64 68.4 53.4 80.2
63 35.8 27.8 41.8

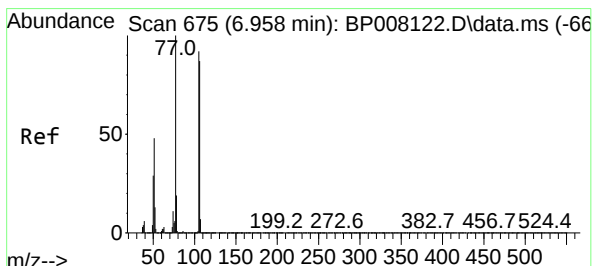
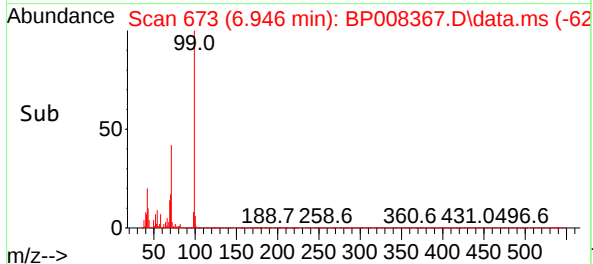
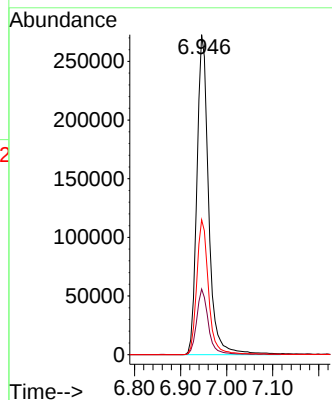
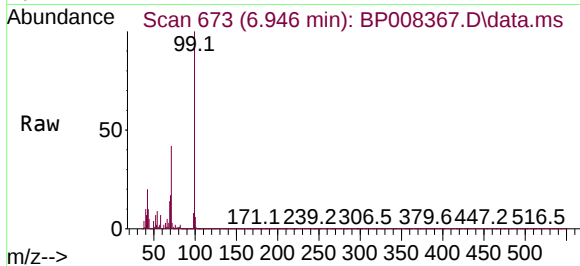




#7
Phenol-d6
Concen: 111.270 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

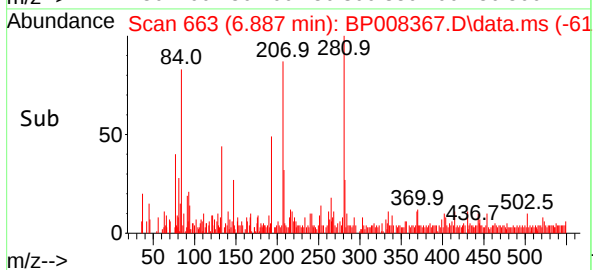
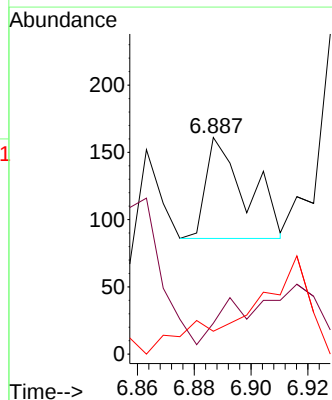
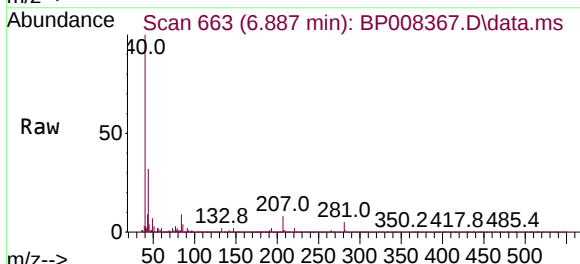
Instrument :
BNA_P
ClientSampleId :

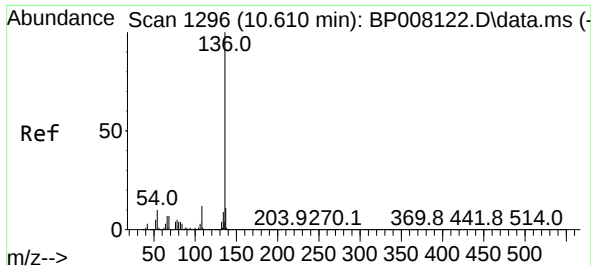
Tgt Ion: 99 Resp: 483470
Ion Ratio Lower Upper
99 100
42 20.5 14.6 22.0
71 42.1 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.887 min Scan# 663
Delta R.T. -0.024 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

Tgt Ion: 77 Resp: 73
Ion Ratio Lower Upper
77 100
105 14.3 71.8 111.8#
106 10.6 67.3 107.3#

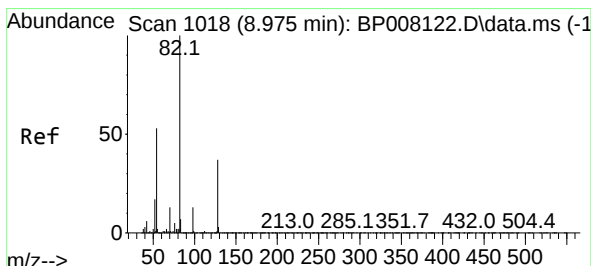
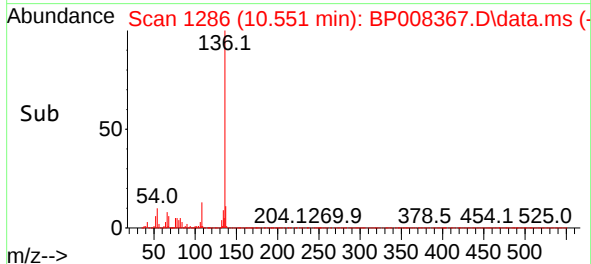
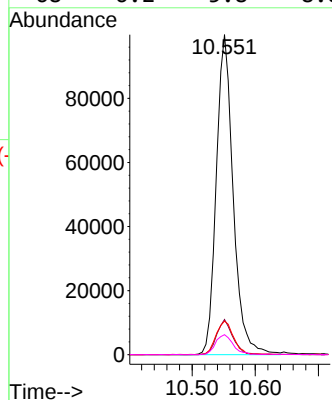
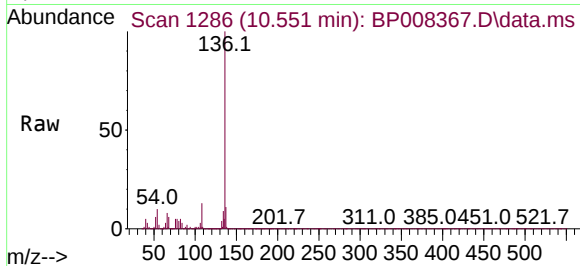




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

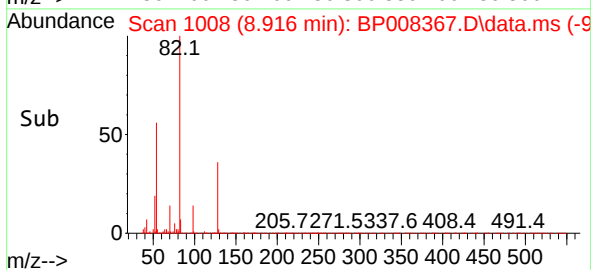
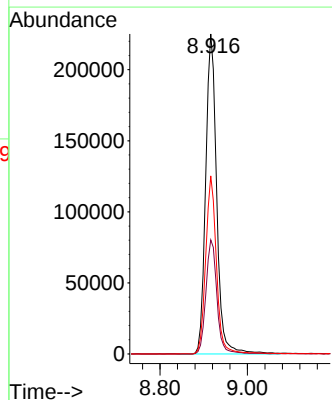
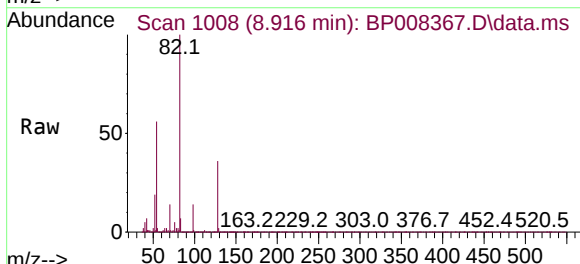
Instrument :
BNA_P
ClientSampleId :

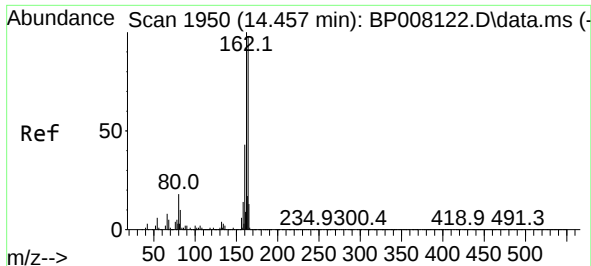
Tgt Ion:	136	Resp:	185826
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	10.5	8.2	12.4
68	6.2	5.8	8.8



#23
Nitrobenzene-d5
Concen: 96.682 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

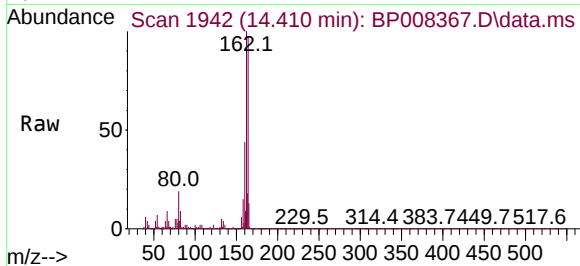
Tgt Ion:	82	Resp:	395091
Ion Ratio	Lower	Upper	
82	100		
128	35.6	29.6	44.4
54	55.7	42.7	64.1



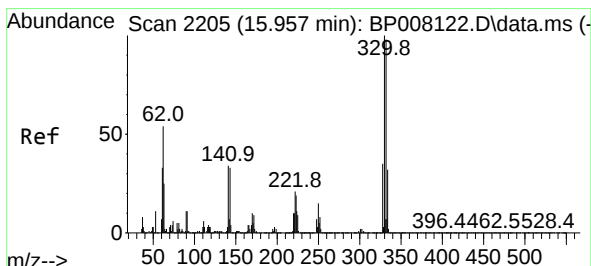
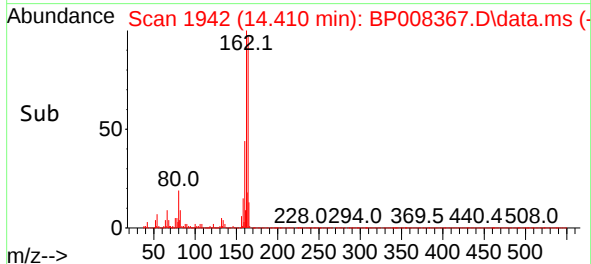
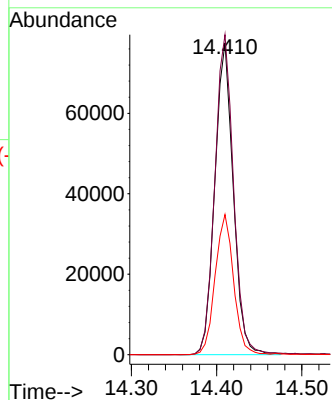


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

Instrument :
BNA_P
ClientSampleId :

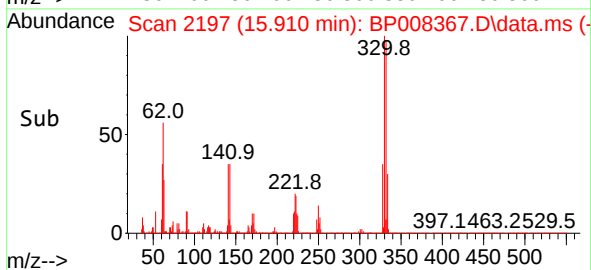
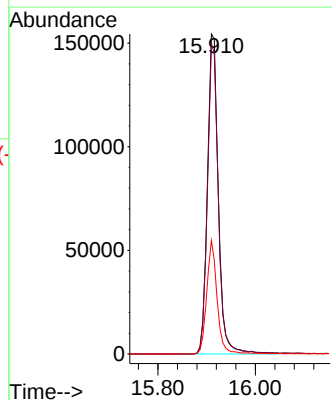
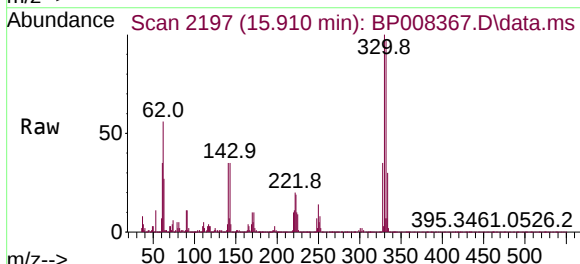


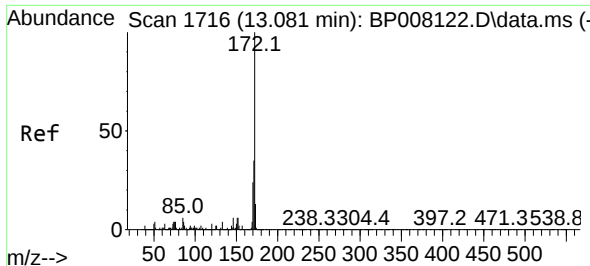
Tgt Ion:164 Resp: 116629
Ion Ratio Lower Upper
164 100
162 102.6 81.9 122.9
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 160.677 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

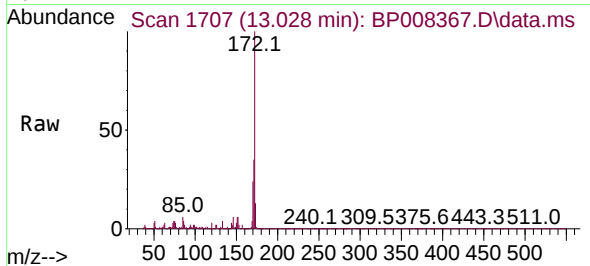
Tgt Ion:330 Resp: 239524
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 33.8 28.4 42.6



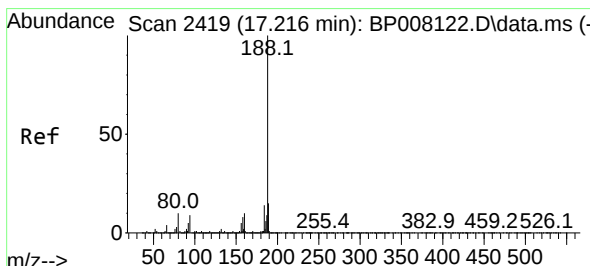
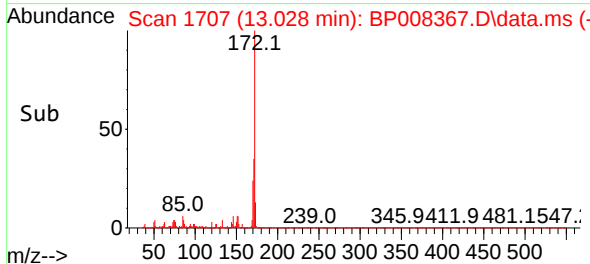
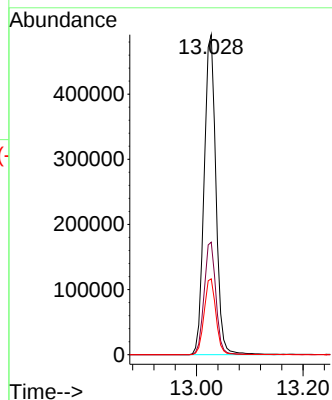


#45
2-Fluorobiphenyl
Concen: 94.039 ng
RT: 13.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

Instrument :
BNA_P
ClientSampleId :

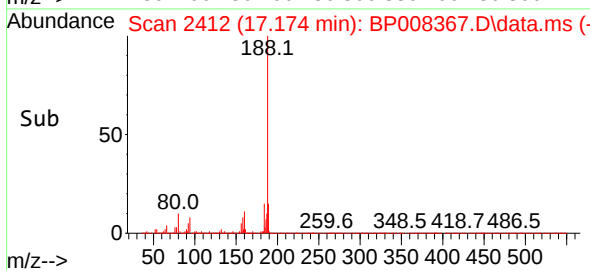
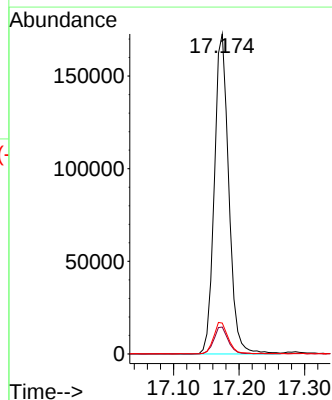
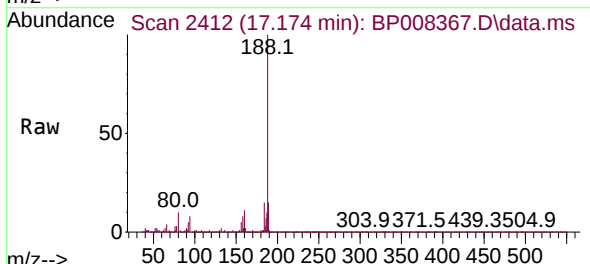


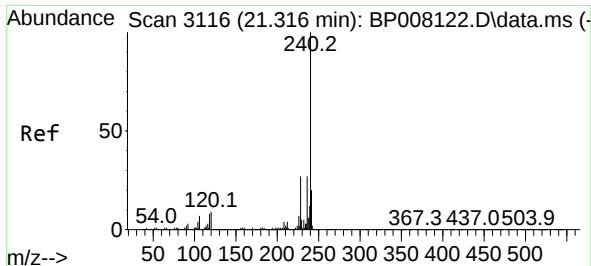
Tgt Ion:172 Resp: 755072
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

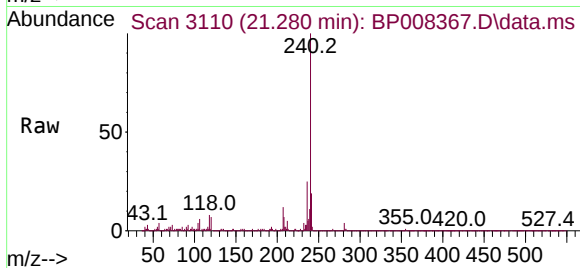
Tgt Ion:188 Resp: 263925
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.7 8.2 12.4



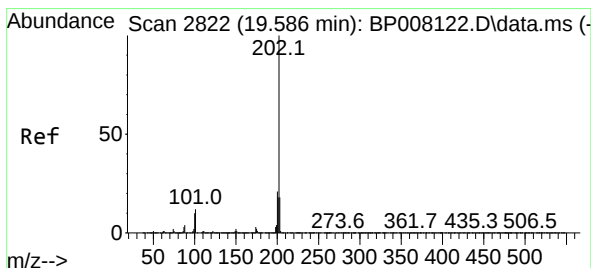
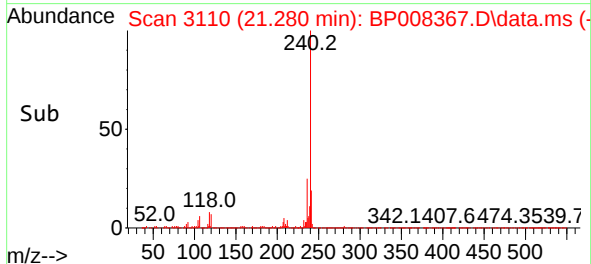
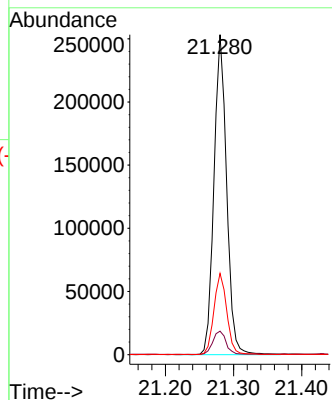


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

Instrument :
BNA_P
ClientSampleId :

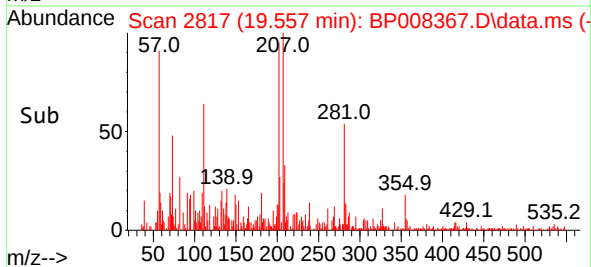
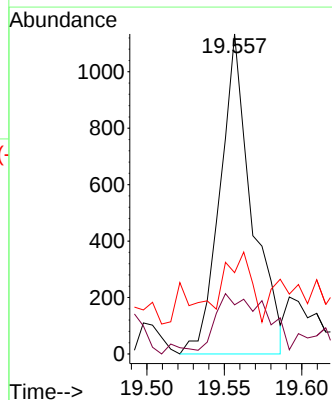
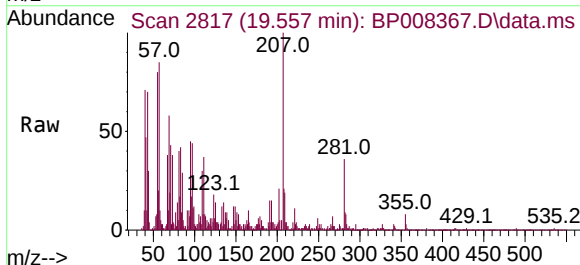


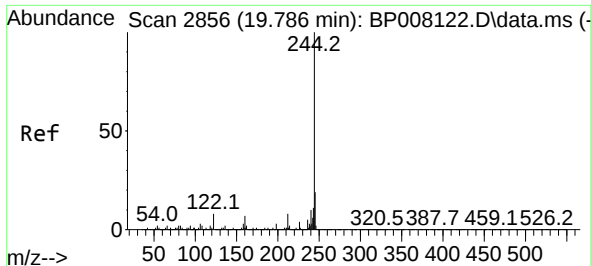
Tgt Ion:240 Resp: 326769
Ion Ratio Lower Upper
240 100
120 7.3 7.3 10.9
236 25.4 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.557 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BP008367.D
Acq: 11 Dec 2021 14:28

Tgt Ion:202 Resp: 1615
Ion Ratio Lower Upper
202 100
200 15.3 17.1 25.7#
203 25.4 14.2 21.2#

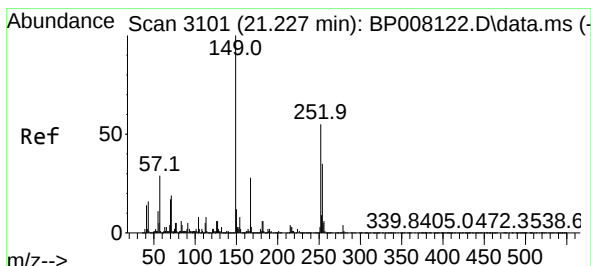
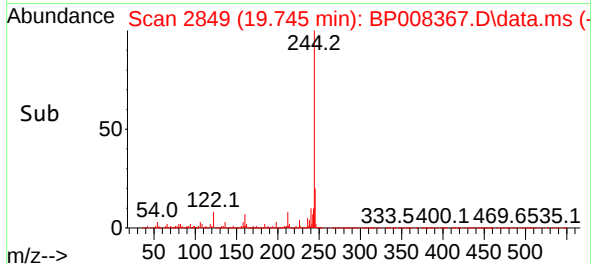
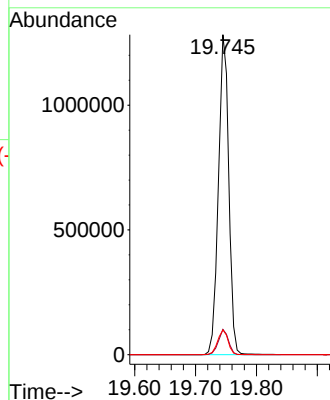
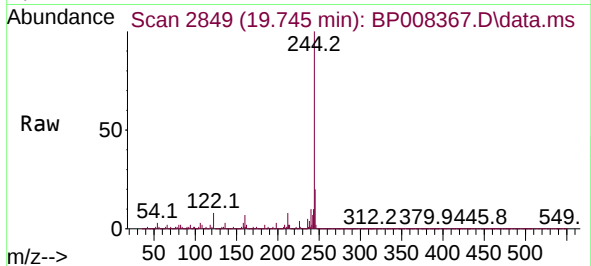




#79
 Terphenyl-d14
 Concen: 96.446 ng
 RT: 19.745 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008367.D
 Acq: 11 Dec 2021 14:28

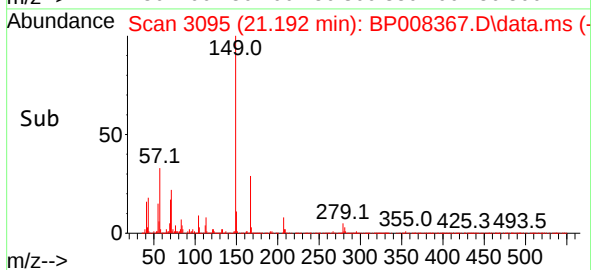
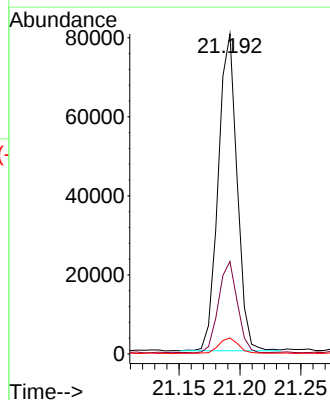
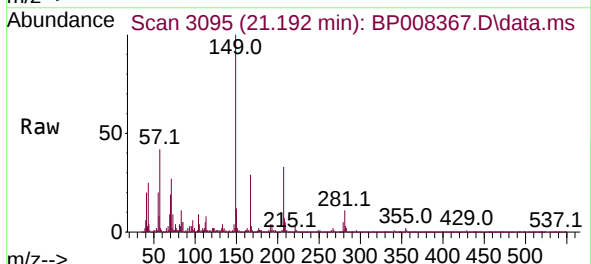
Instrument :
 BNA_P
 ClientSampleId :

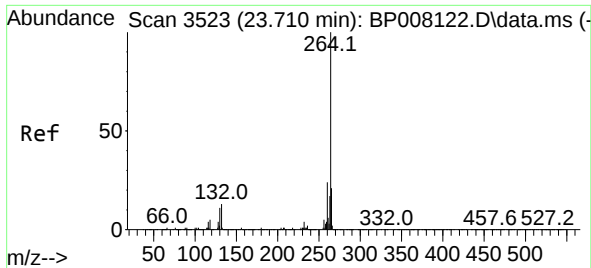
Tgt Ion:244 Resp: 1507970
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 7.8 6.6 9.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.127 ng
 RT: 21.192 min Scan# 3095
 Delta R.T. -0.006 min
 Lab File: BP008367.D
 Acq: 11 Dec 2021 14:28

Tgt Ion:149 Resp: 86561
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.5 33.7
 279 5.0 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.656 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP008367.D
 Acq: 11 Dec 2021 14:28

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:264 Resp: 369638
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.7 17.6 26.4

