

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008504.D
 Acq On : 18 Dec 2021 23:45
 Operator : CG/JU
 Sample : M5115-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 00:55:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

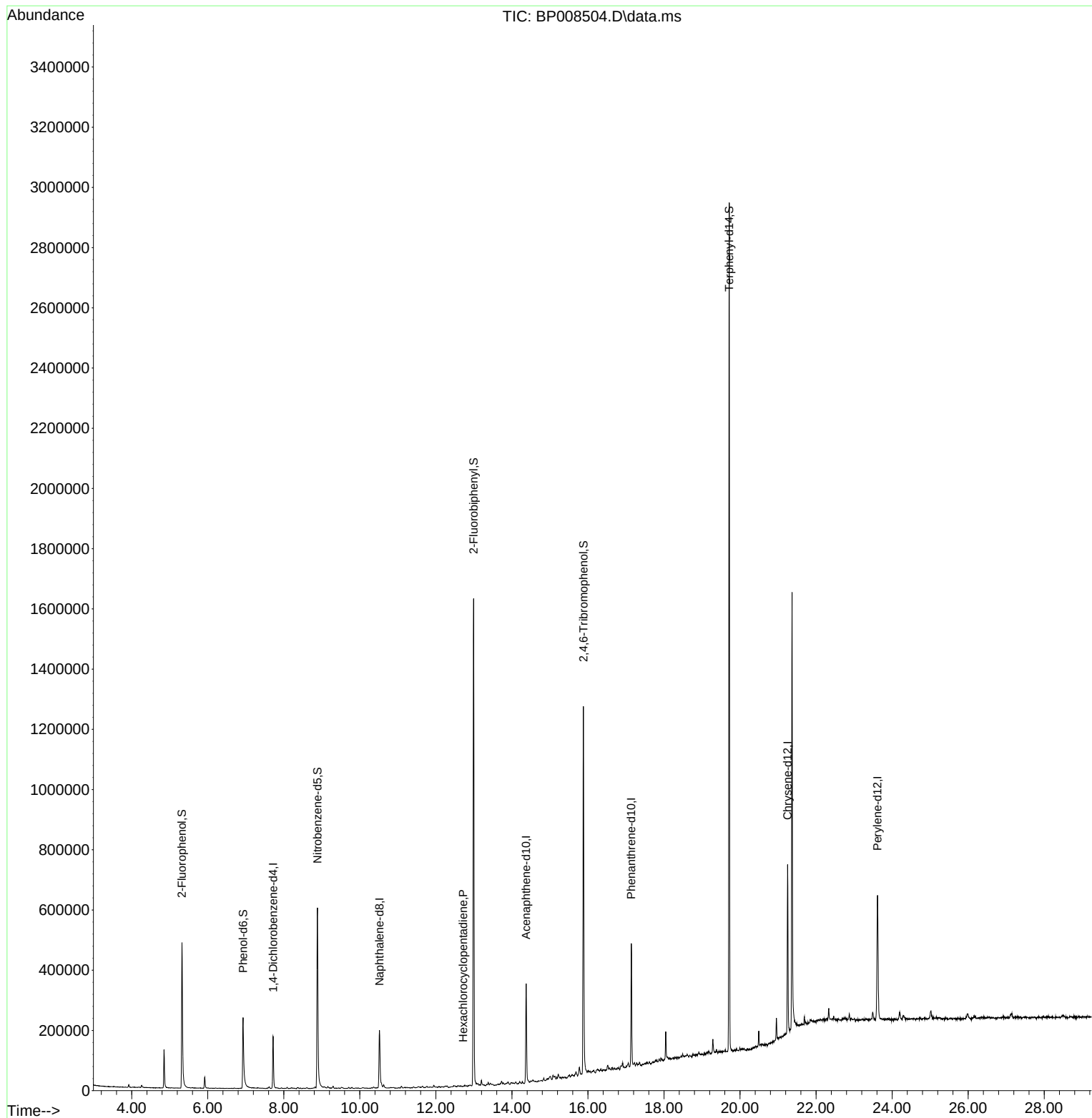
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	45744	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	174641	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	115075	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	241514	20.000	ng	-0.01
76) Chrysene-d12	21.251	240	282649	20.000	ng	-0.01
86) Perylene-d12	23.615	264	331135	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	219383	75.738	ng	0.00
7) Phenol-d6	6.928	99	172249	44.277	ng	0.00
23) Nitrobenzene-d5	8.887	82	403491	97.880	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	249379	147.464	ng	-0.01
45) 2-Fluorobiphenyl	12.992	172	829833	91.669	ng	-0.01
79) Terphenyl-d14	19.716	244	1265428	77.918	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	127	Below Cal	#	35
9) Benzaldehyde	6.840	77	32	Below Cal		92
41) Hexachlorocyclopentadiene	12.716	237	13	8.661 ng		74

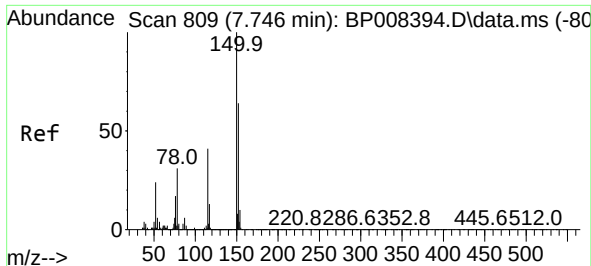
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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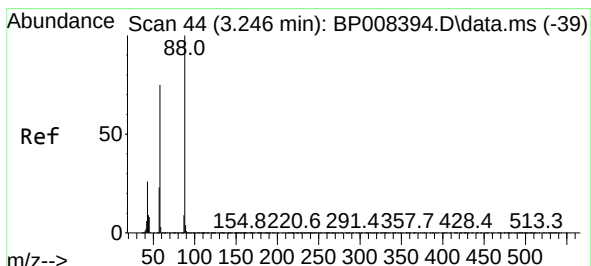
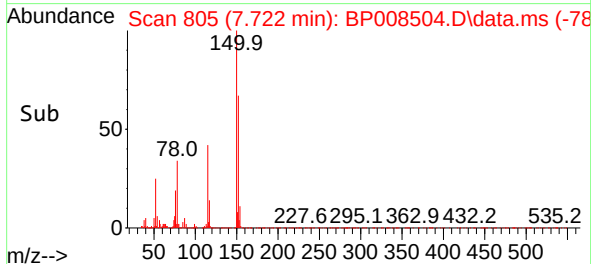
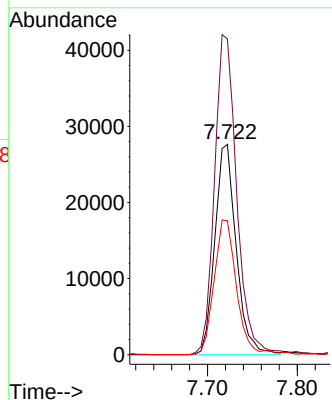
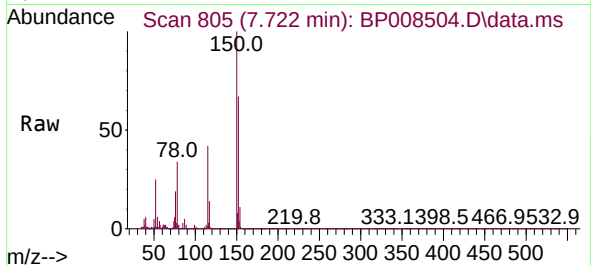




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP008504.D
 Acq: 18 Dec 2021 23:45

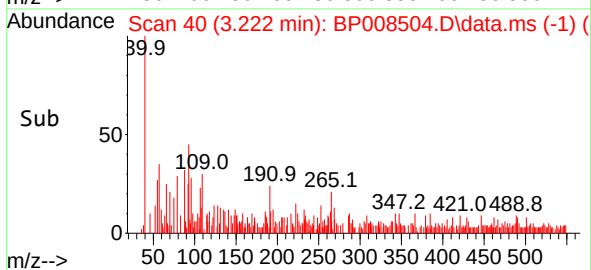
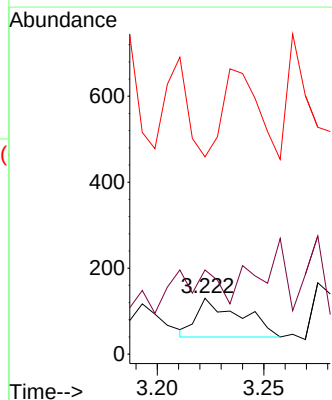
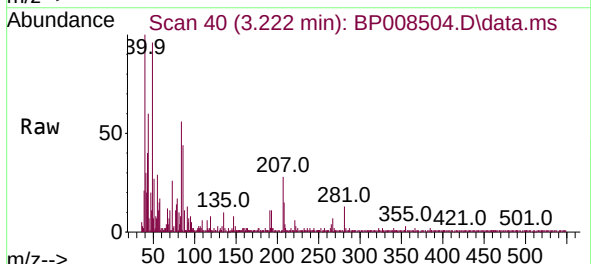
Instrument :
 BNA_P
 ClientSampleId :

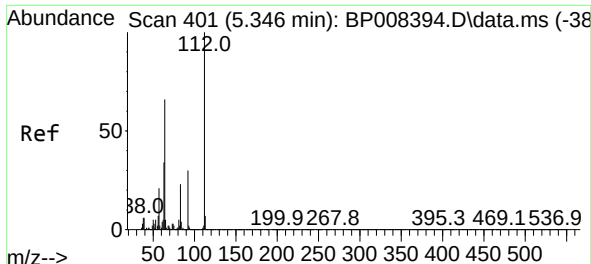
Tgt Ion:152 Resp: 45744
 Ion Ratio Lower Upper
 152 100
 150 150.2 125.7 188.5
 115 63.7 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.222 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BP008504.D
 Acq: 18 Dec 2021 23:45

Tgt Ion: 88 Resp: 127
 Ion Ratio Lower Upper
 88 100
 58 58.3 63.5 95.3#
 43 123.6 23.4 35.2#

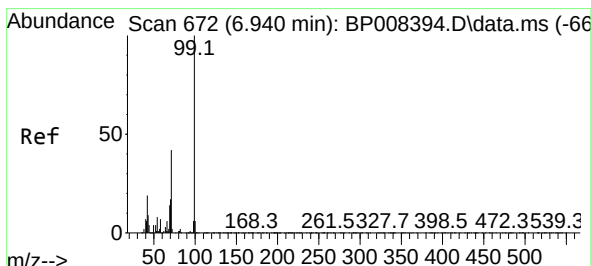
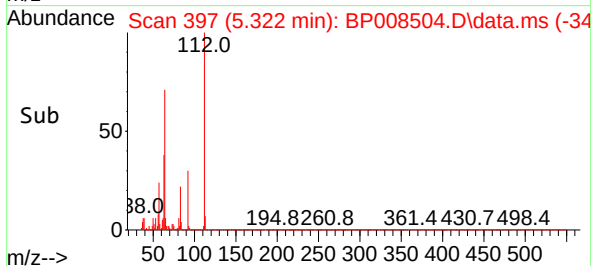
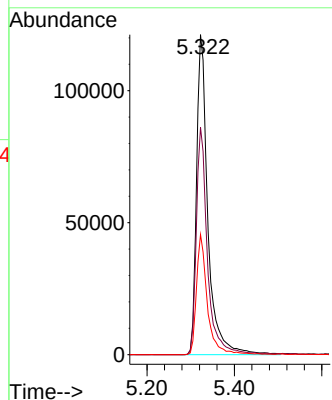
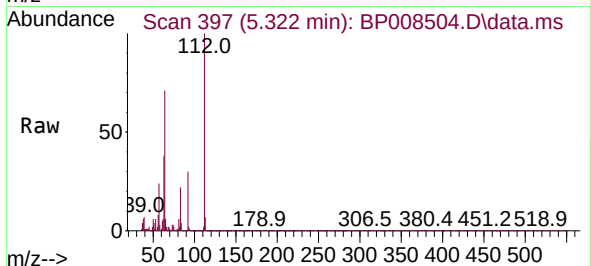




#5
2-Fluorophenol
Concen: 75.738 ng
RT: 5.322 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

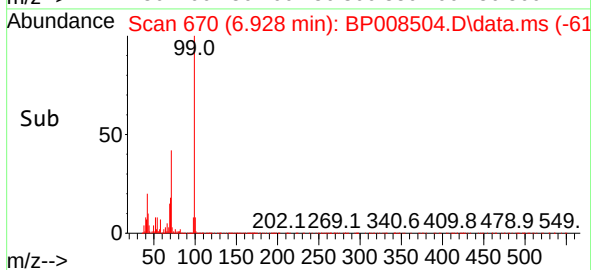
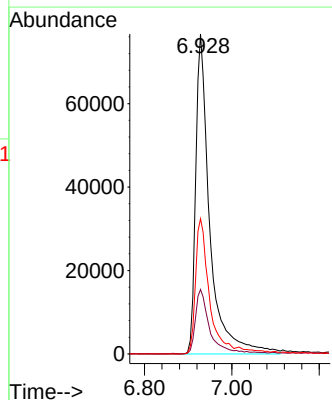
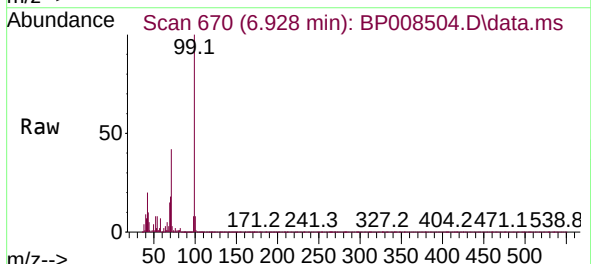
Instrument :
BNA_P
ClientSampleId :

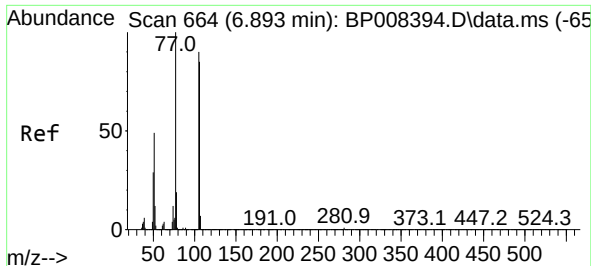
Tgt Ion:112 Resp: 219383
Ion Ratio Lower Upper
112 100
64 71.0 53.4 80.2
63 37.6 27.8 41.8



#7
Phenol-d6
Concen: 44.277 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.000 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

Tgt Ion: 99 Resp: 172249
Ion Ratio Lower Upper
99 100
42 20.2 14.6 22.0
71 42.2 31.1 46.7

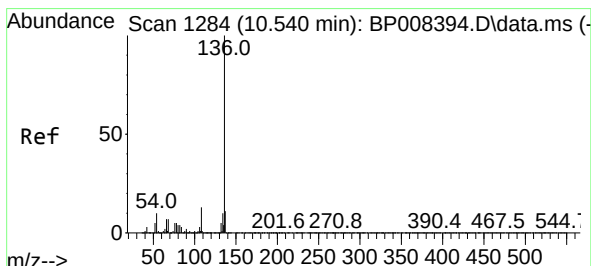
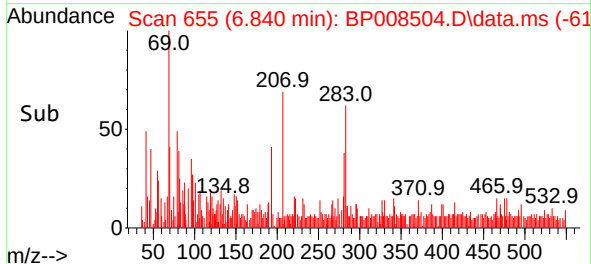
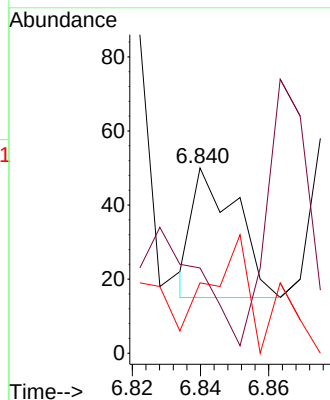
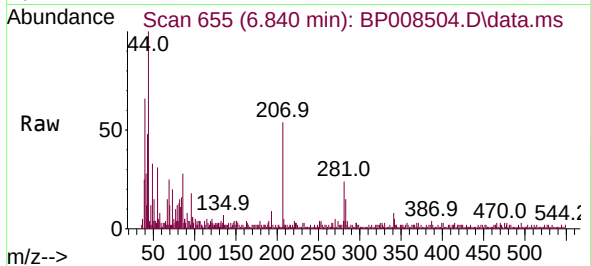




#9
Benzaldehyde
Concen: Below Cal
RT: 6.840 min Scan# 61
Delta R.T. -0.041 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

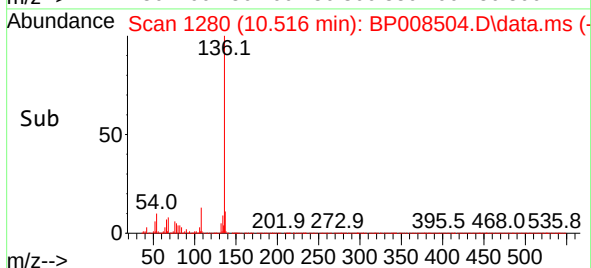
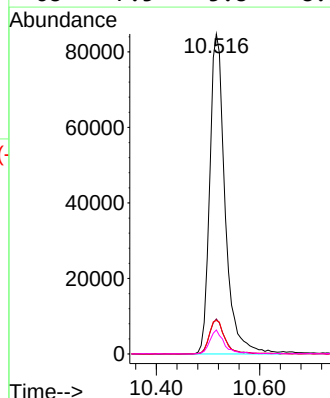
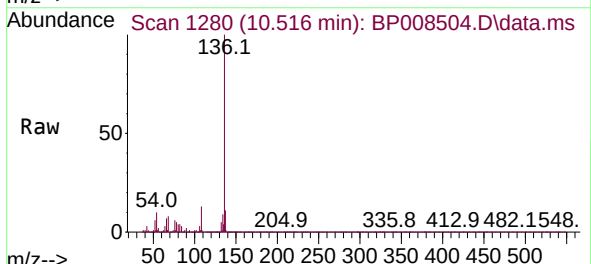
Instrument :
BNA_P
ClientSampleId :

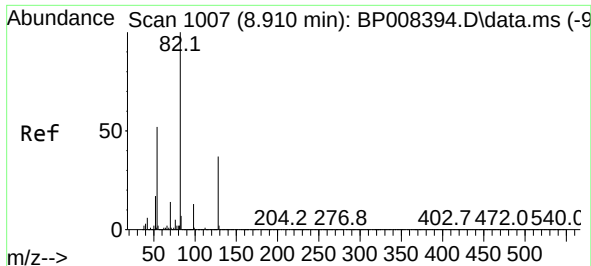
Tgt Ion: 77 Resp: 32
Ion Ratio Lower Upper
77 100
105 84.0 71.8 111.8
106 80.0 67.3 107.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

Tgt Ion:136 Resp: 174641
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.4 8.2 12.4
68 7.5 5.8 8.8

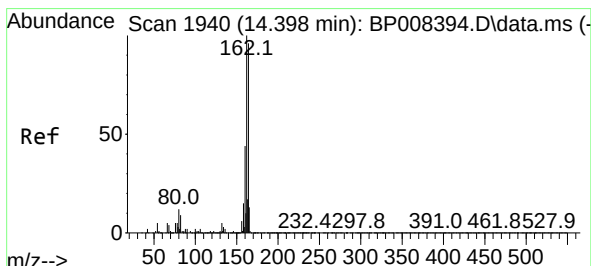
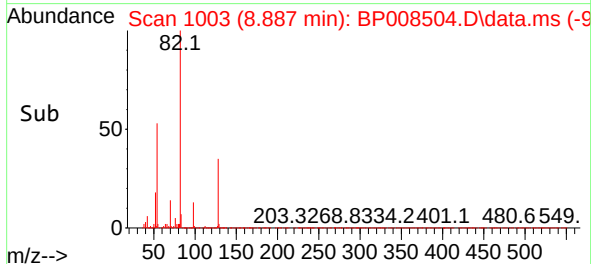
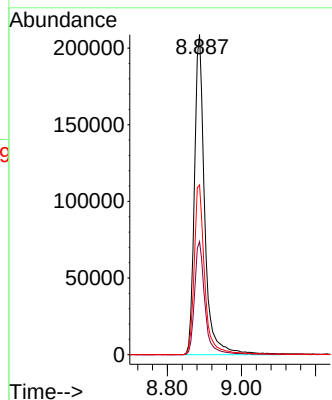
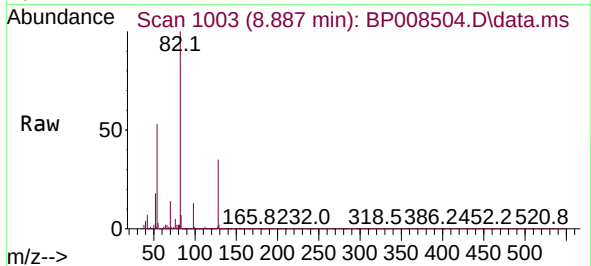




#23
Nitrobenzene-d5
Concen: 97.880 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

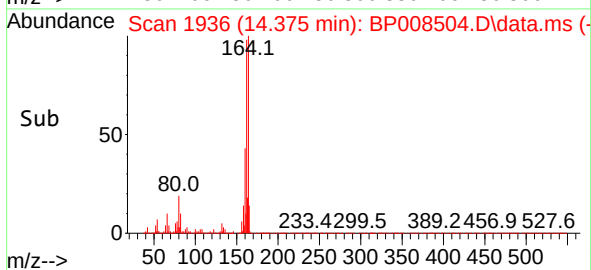
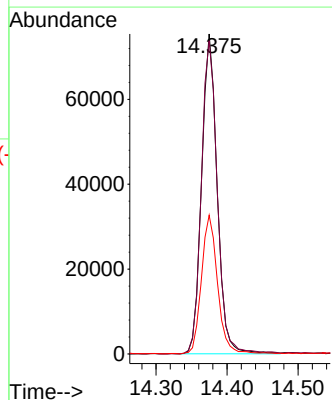
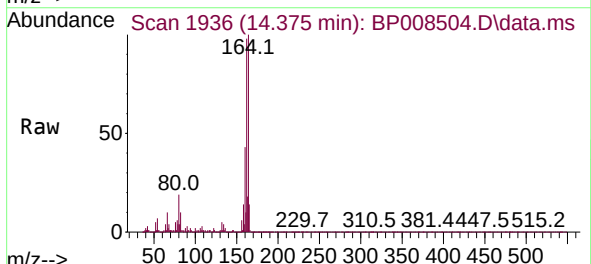
Instrument :
BNA_P
ClientSampleId :

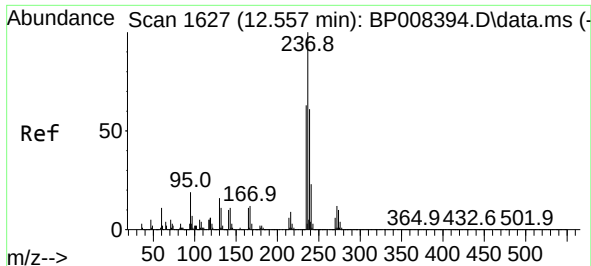
Tgt Ion: 82 Resp: 403491
Ion Ratio Lower Upper
82 100
128 35.3 29.6 44.4
54 53.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

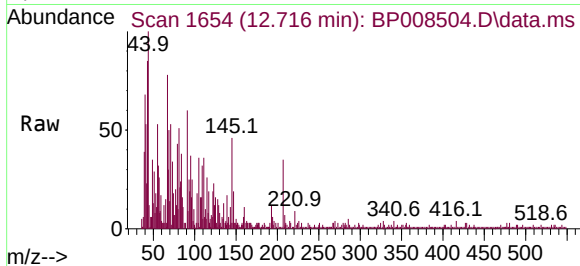
Tgt Ion: 164 Resp: 115075
Ion Ratio Lower Upper
164 100
162 97.9 81.9 122.9
160 43.4 35.4 53.0



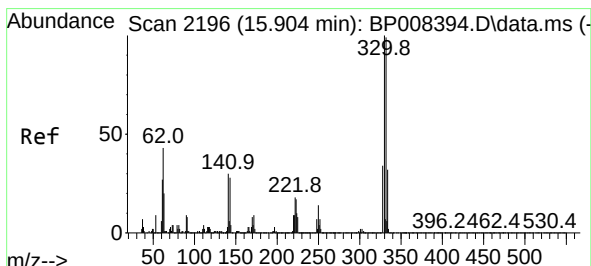
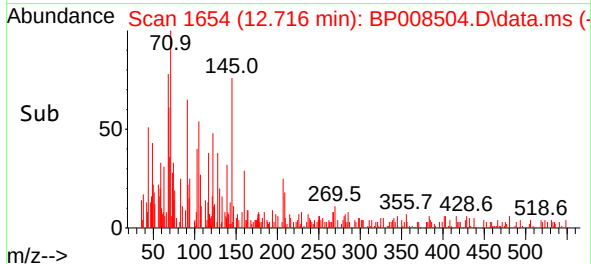
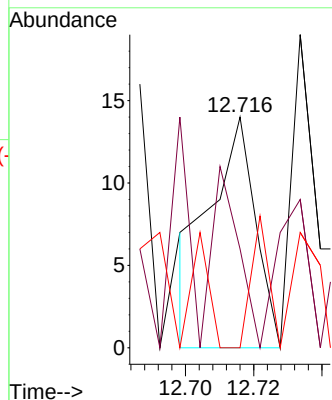


#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.716 min Scan# 1654
Delta R.T. 0.176 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

Instrument :
BNA_P
ClientSampleId :

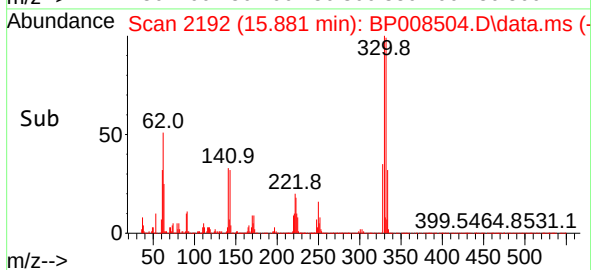
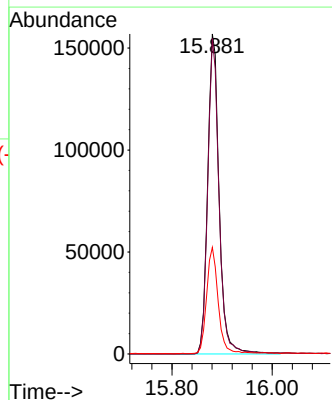
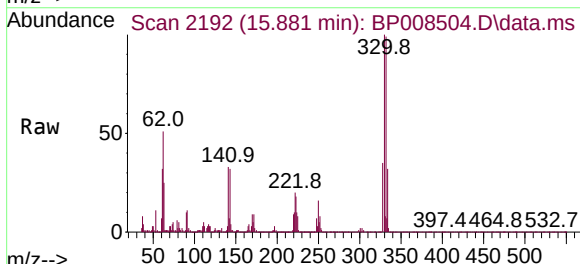


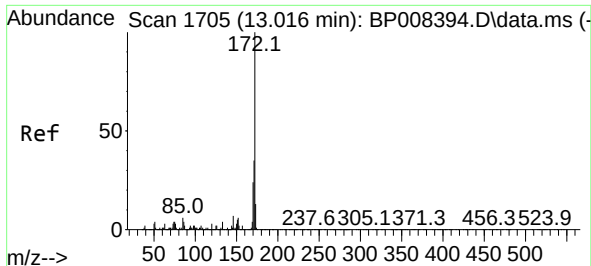
Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 42.9 42.3 82.3
272 0.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 147.464 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

Tgt Ion:330 Resp: 249379
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.5 28.4 42.6

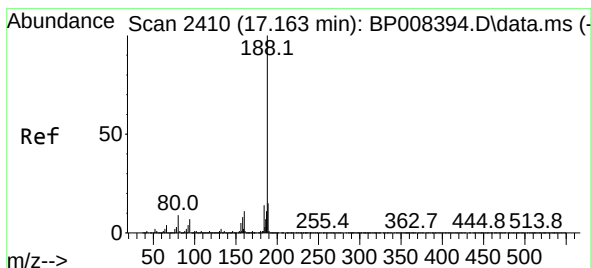
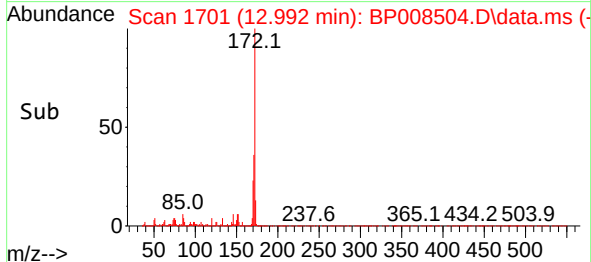
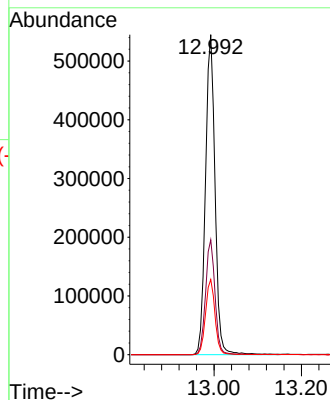
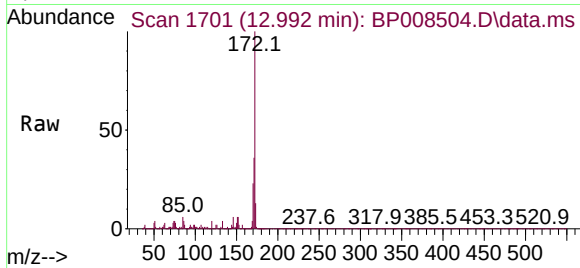




#45
2-Fluorobiphenyl
Concen: 91.669 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

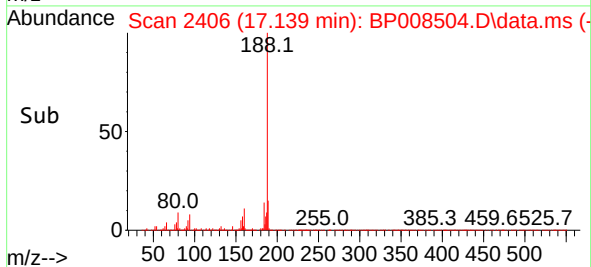
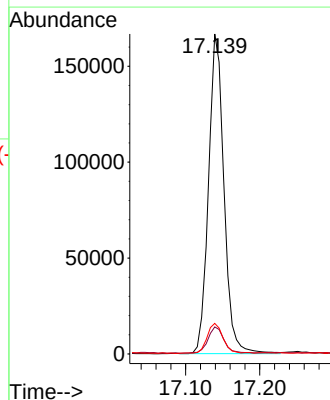
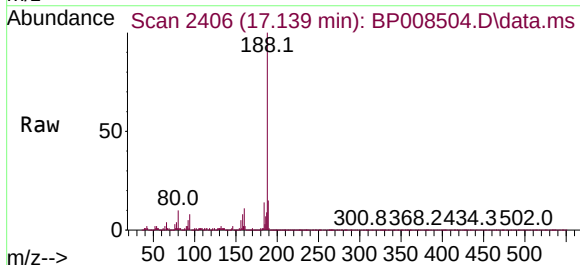
Instrument :
BNA_P
ClientSampleId :

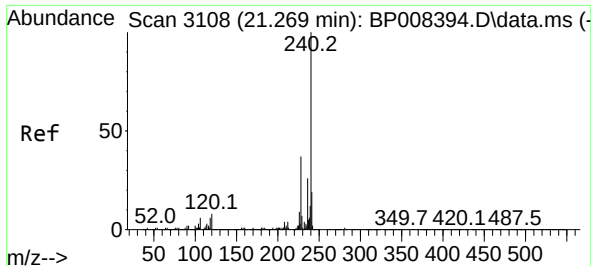
Tgt Ion:172 Resp: 829833
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

Tgt Ion:188 Resp: 241514
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.6 8.2 12.4

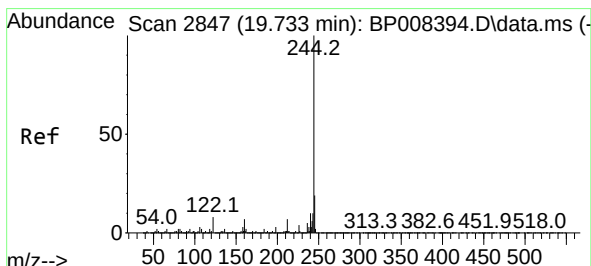
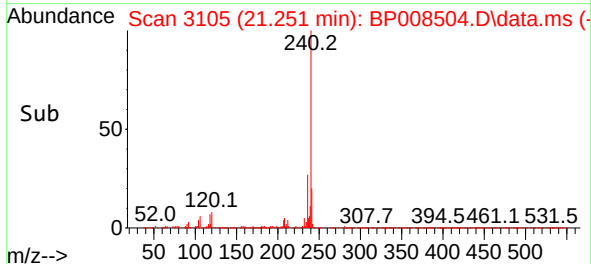
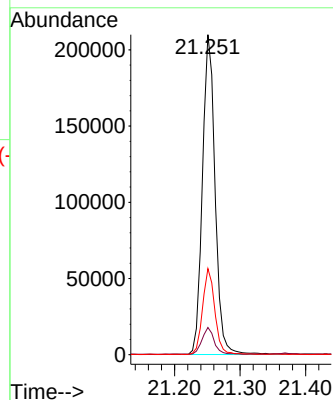
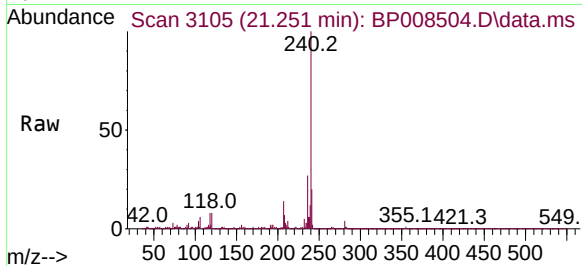




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

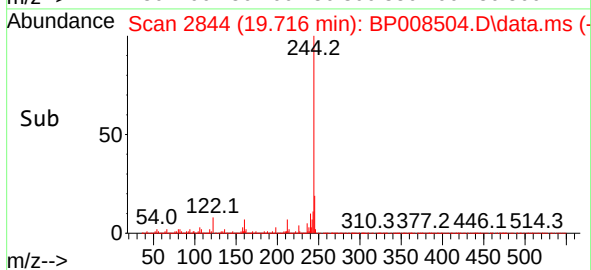
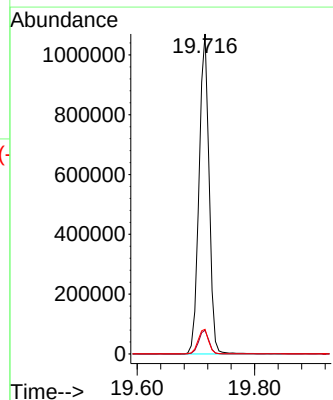
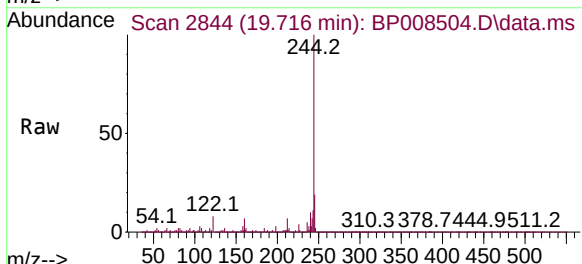
Instrument :
BNA_P
ClientSampleId :

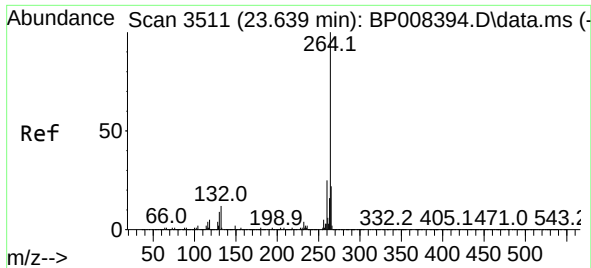
Tgt Ion:240 Resp: 282649
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 26.9 21.4 32.2



#79
Terphenyl-d14
Concen: 77.918 ng
RT: 19.716 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

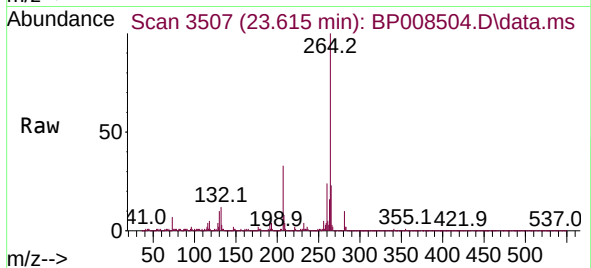
Tgt Ion:244 Resp: 1265428
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.7 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.615 min Scan# 311
 Delta R.T. -0.018 min
 Lab File: BP008504.D
 Acq: 18 Dec 2021 23:45

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 331135
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 22.8 17.6 26.4

