

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008444.D
 Acq On : 16 Dec 2021 08:29
 Operator : CG/JU
 Sample : M5022-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP11

Quant Time: Dec 16 09:15:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

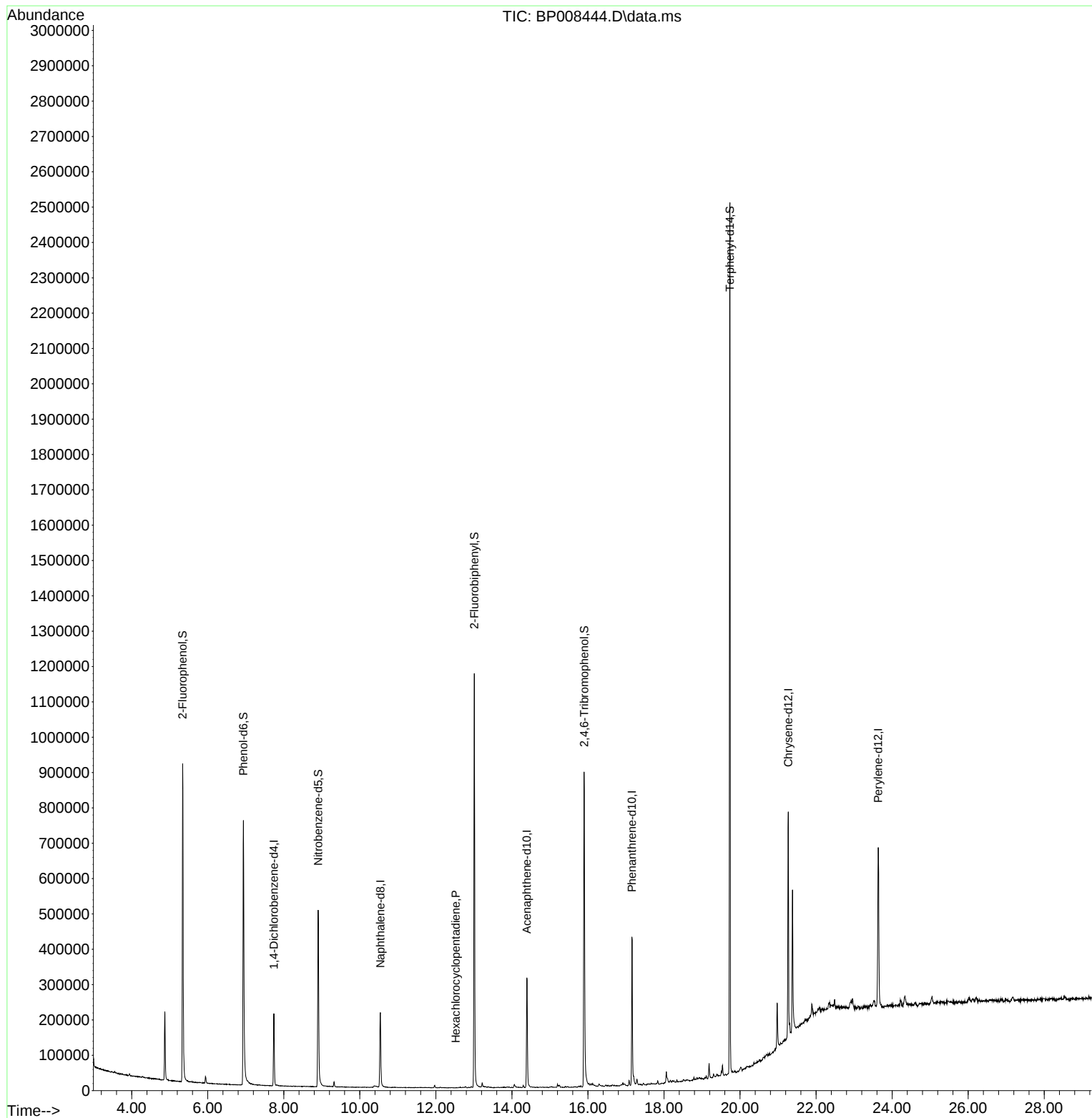
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	51433	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	179841	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	117413	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	266896	20.000	ng	0.00
76) Chrysene-d12	21.269	240	329022	20.000	ng	0.00
86) Perylene-d12	23.633	264	373220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	371662	114.118	ng	0.00
7) Phenol-d6	6.940	99	454751	103.964	ng	0.00
23) Nitrobenzene-d5	8.905	82	321354	75.701	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	201158	116.581	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	609682	66.009	ng	0.00
79) Terphenyl-d14	19.733	244	1187719	62.825	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	106	Below Cal	#	1
9) Benzaldehyde	6.858	77	133	Below Cal	#	24
41) Hexachlorocyclopentadiene	12.522	237	26	8.671 ng		74

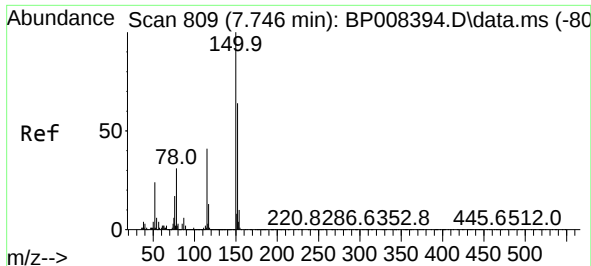
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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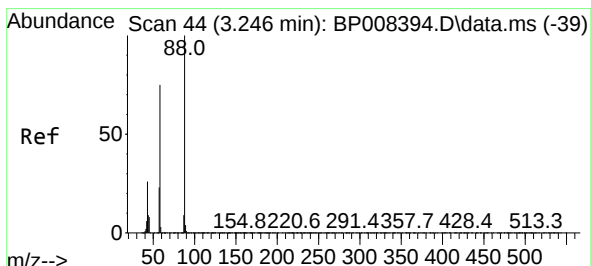
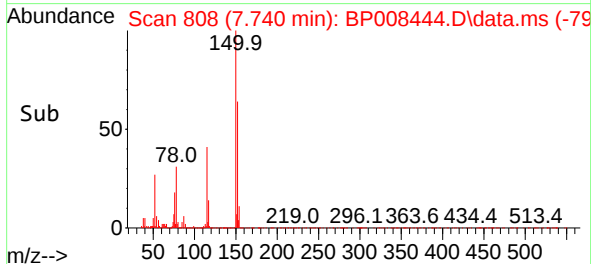
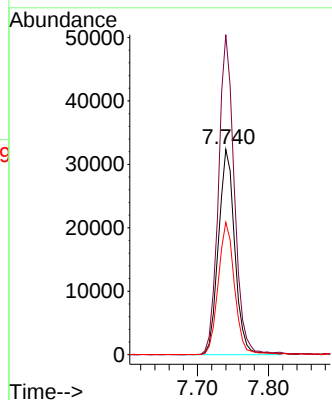
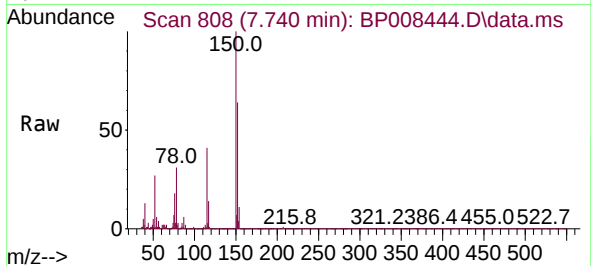




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BP008444.D
 Acq: 16 Dec 2021 08:29

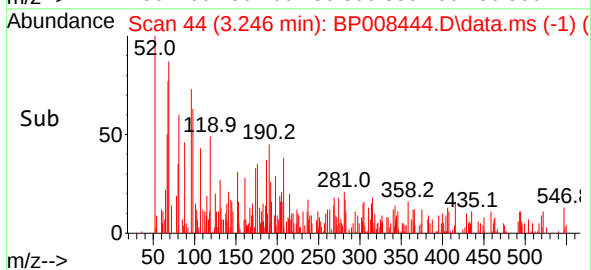
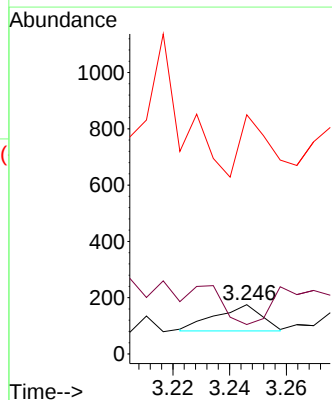
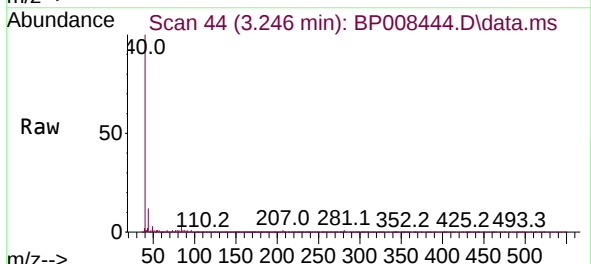
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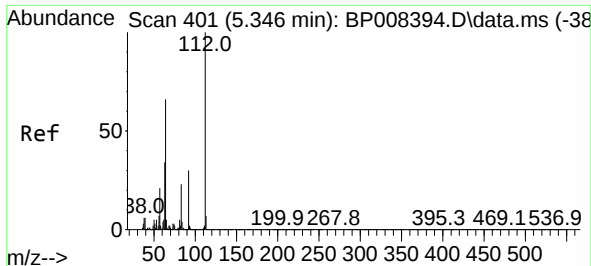
Tgt Ion:152 Resp: 51433
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.7 188.5
 115 64.5 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.246 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: BP008444.D
 Acq: 16 Dec 2021 08:29

Tgt Ion: 88 Resp: 106
 Ion Ratio Lower Upper
 88 100
 58 174.5 63.5 95.3#
 43 157.5 23.4 35.2#

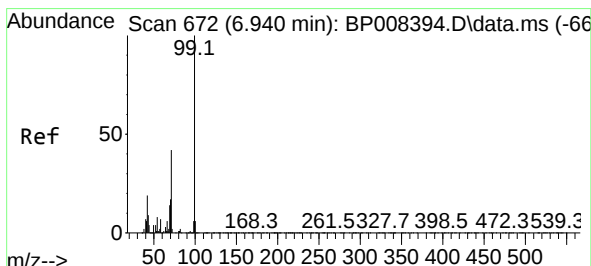
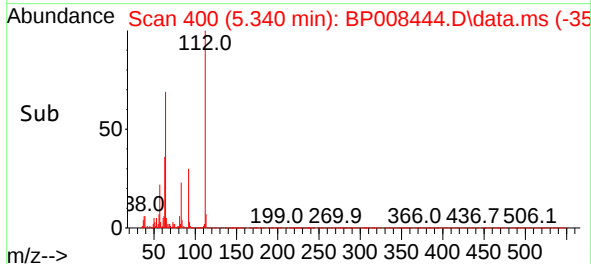
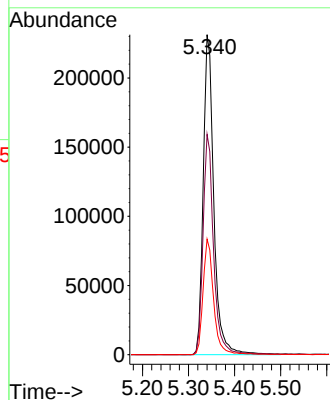
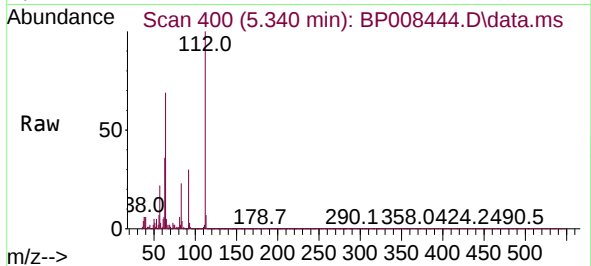




#5
2-Fluorophenol
Concen: 114.118 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

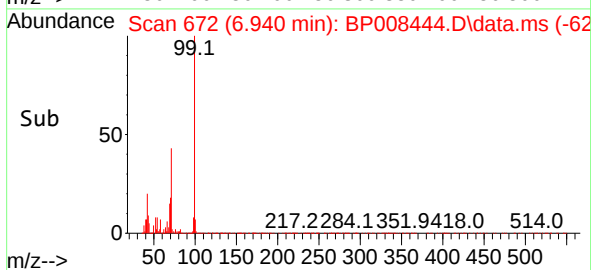
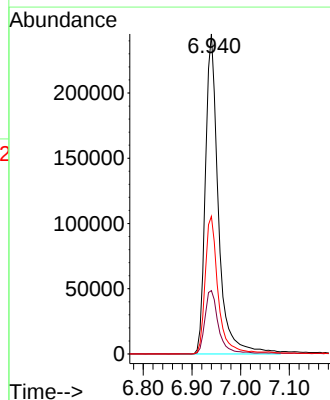
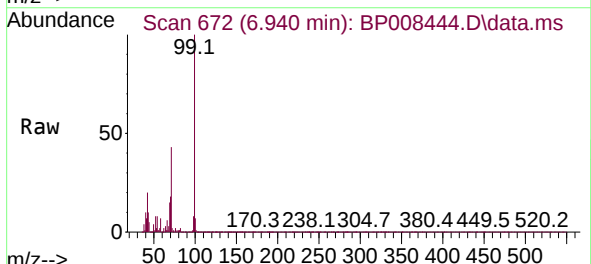
Instrument :
BNA_P
ClientSampleId :
TP11

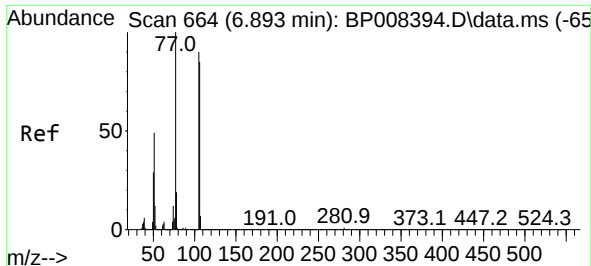
Tgt Ion:112 Resp: 371662
Ion Ratio Lower Upper
112 100
64 68.8 53.4 80.2
63 36.1 27.8 41.8



#7
Phenol-d6
Concen: 103.964 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

Tgt Ion: 99 Resp: 454751
Ion Ratio Lower Upper
99 100
42 19.8 14.6 22.0
71 43.0 31.1 46.7

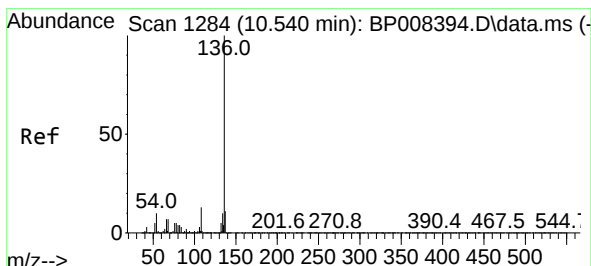
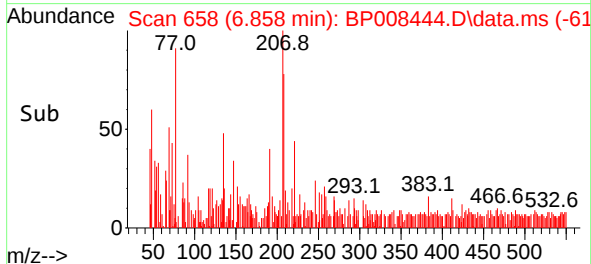
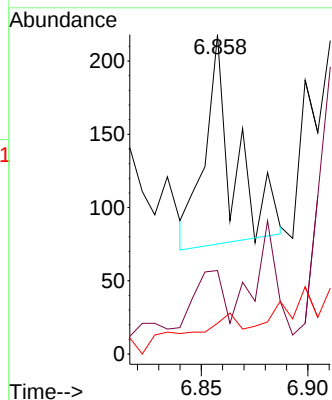
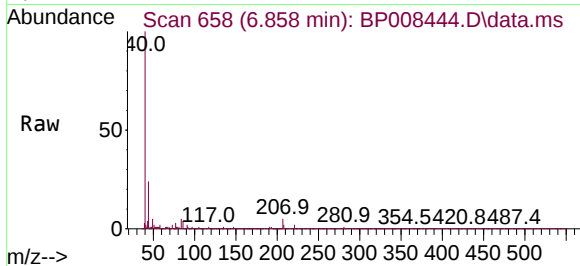




#9
Benzaldehyde
Concen: Below Cal
RT: 6.858 min Scan# 611
Delta R.T. -0.035 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

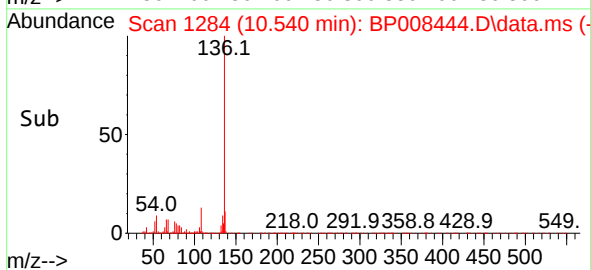
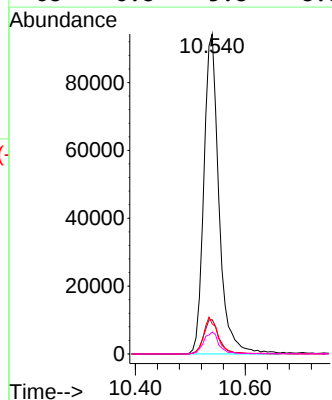
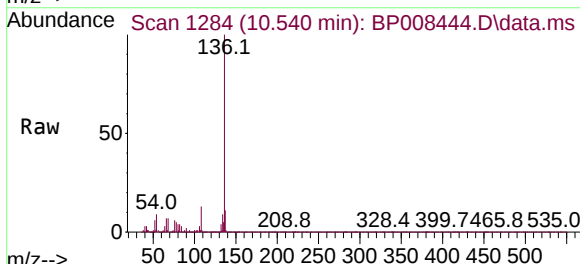
Instrument :
BNA_P
ClientSampleId :
TP11

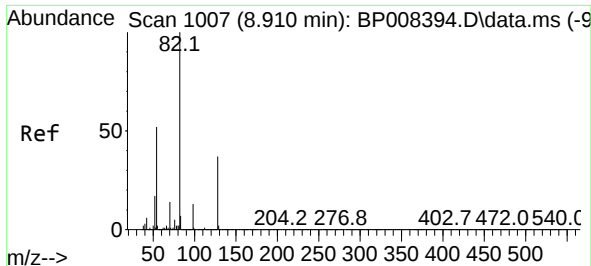
Tgt Ion: 77 Resp: 133
Ion Ratio Lower Upper
77 100
105 26.1 71.8 111.8#
106 9.6 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

Tgt Ion:136 Resp: 179841
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.4 8.2 12.4
68 6.8 5.8 8.8

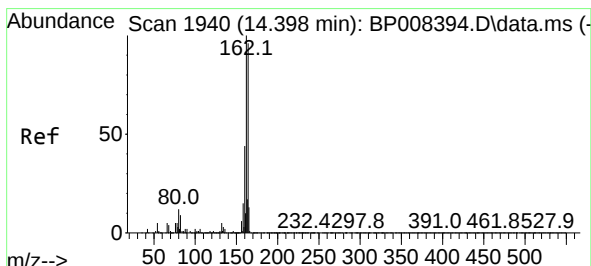
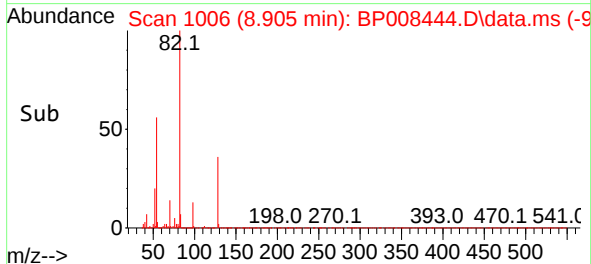
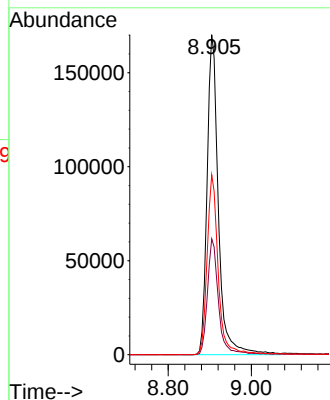
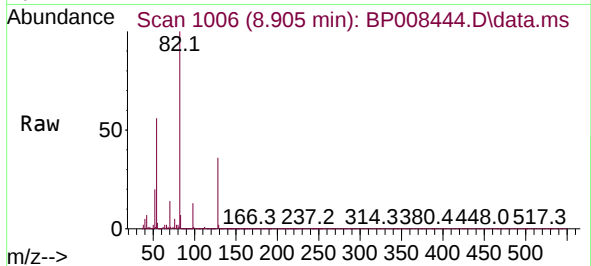




#23
Nitrobenzene-d5
Concen: 75.701 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

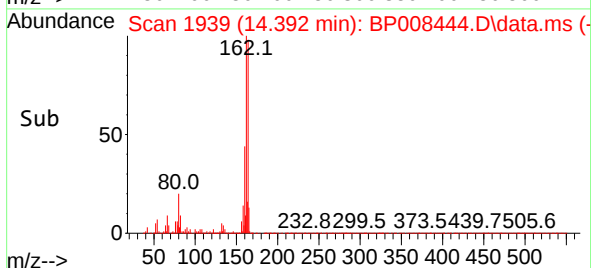
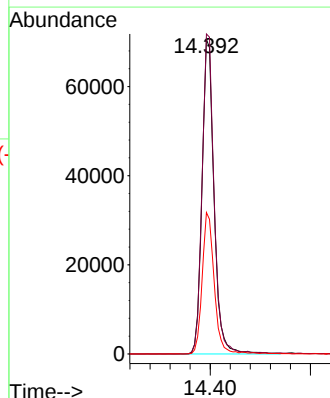
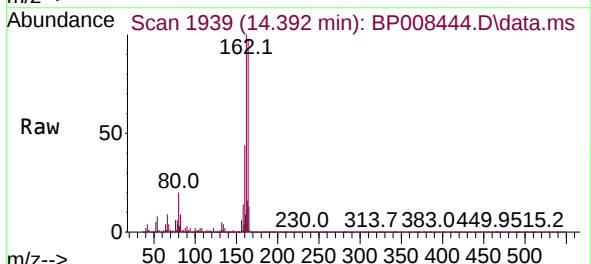
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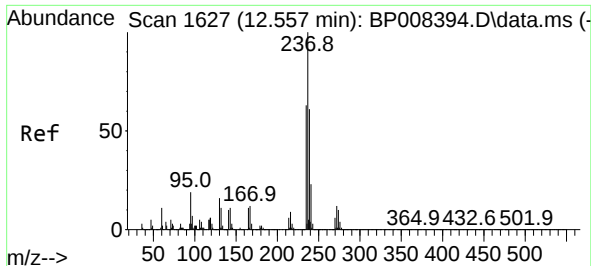
Tgt Ion: 82 Resp: 321354
Ion Ratio Lower Upper
82 100
128 36.2 29.6 44.4
54 56.2 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

Tgt Ion: 164 Resp: 117413
Ion Ratio Lower Upper
164 100
162 101.7 81.9 122.9
160 44.9 35.4 53.0

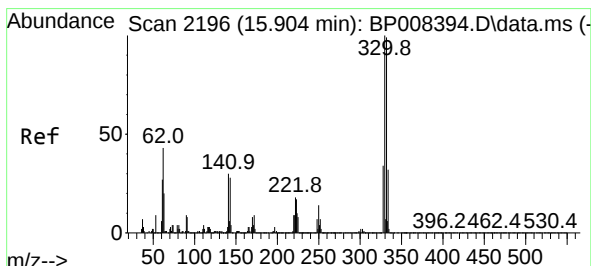
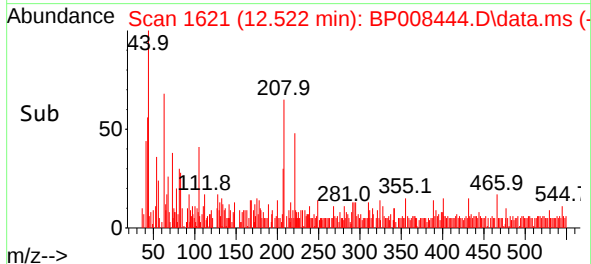
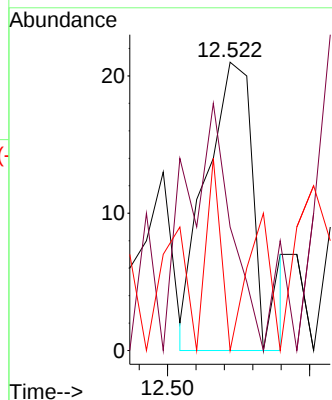
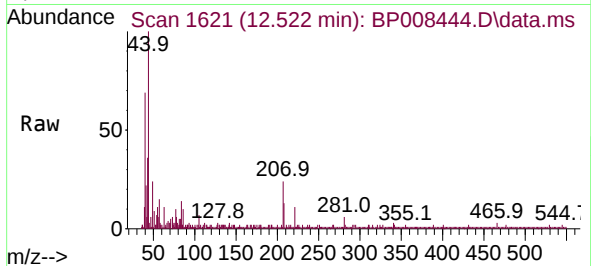




#41
Hexachlorocyclopentadiene
Concen: 8.671 ng
RT: 12.522 min Scan# 1621
Delta R.T. -0.035 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

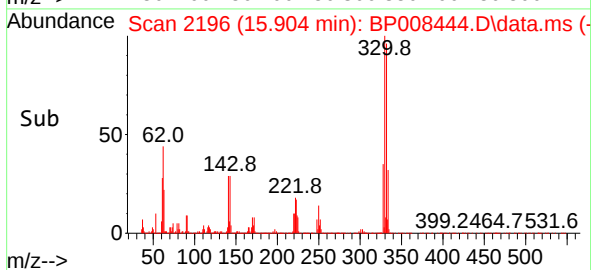
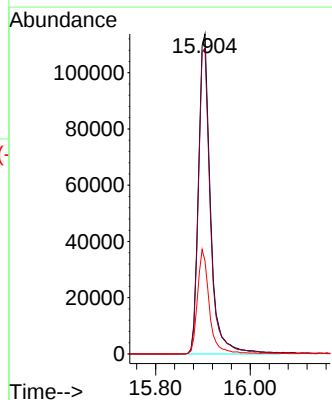
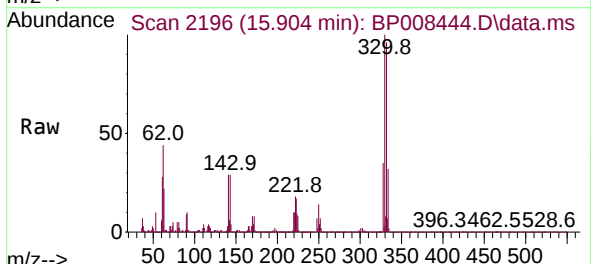
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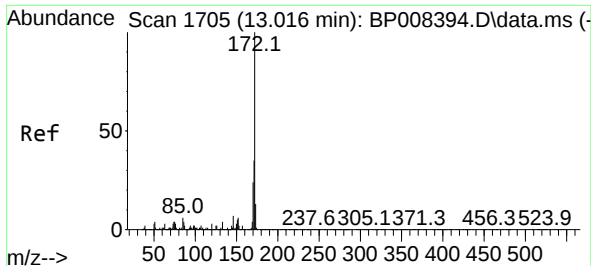
Tgt Ion:237	Resp:	26
Ion Ratio	Lower	Upper
237	100	
235	42.9	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 116.581 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

Tgt Ion:330	Resp:	201158
Ion Ratio	Lower	Upper
330	100	
332	95.6	77.0 115.4
141	32.4	28.4 42.6

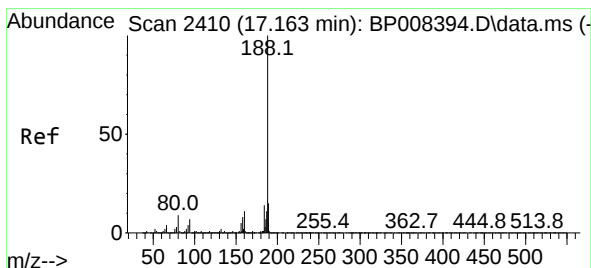
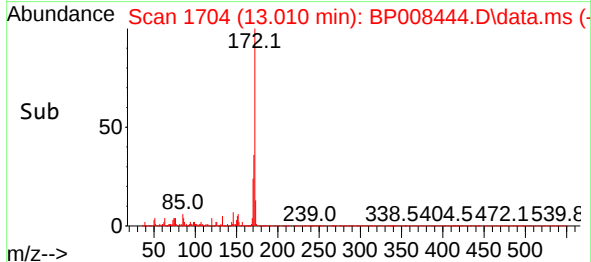
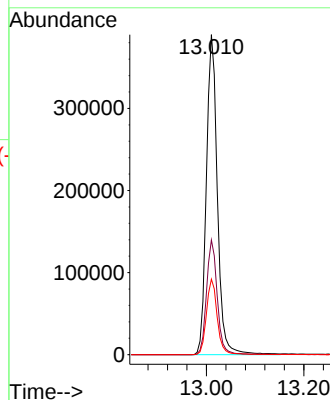
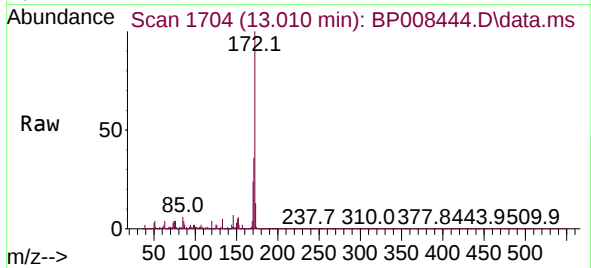




#45
2-Fluorobiphenyl
Concen: 66.009 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

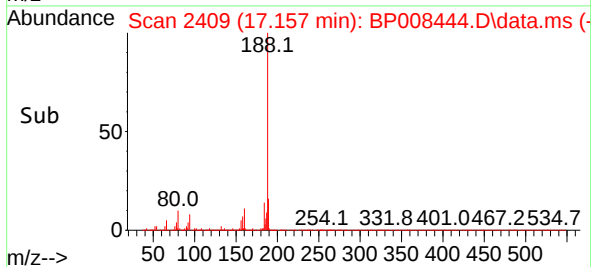
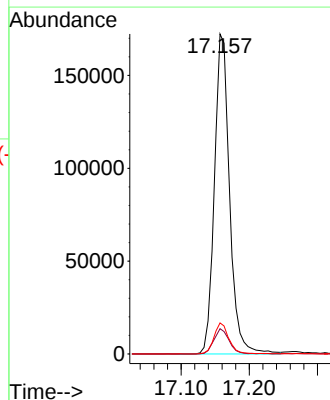
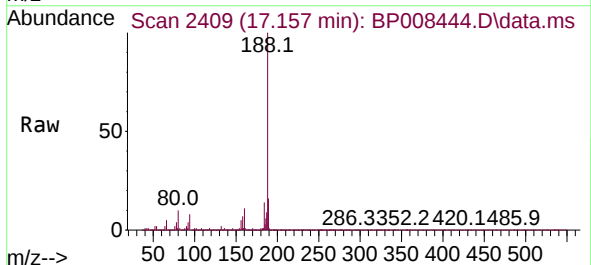
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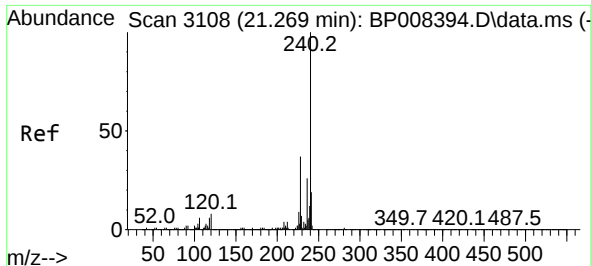
Tgt Ion:172 Resp: 609682
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

Tgt Ion:188 Resp: 266896
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.7 8.2 12.4

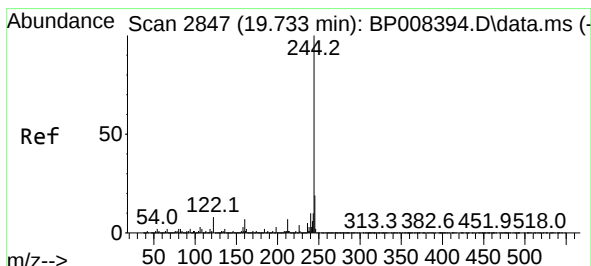
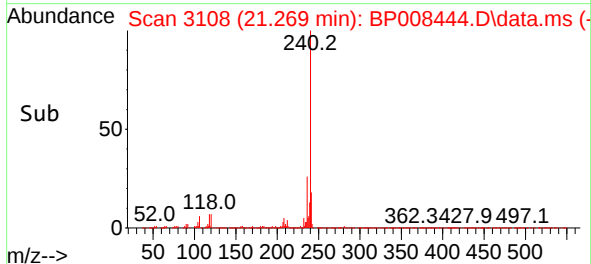
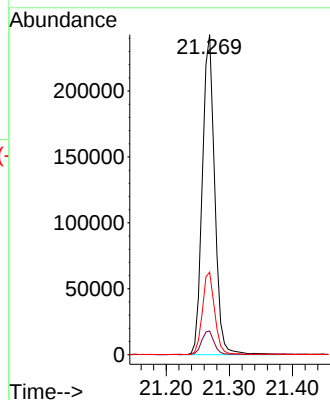
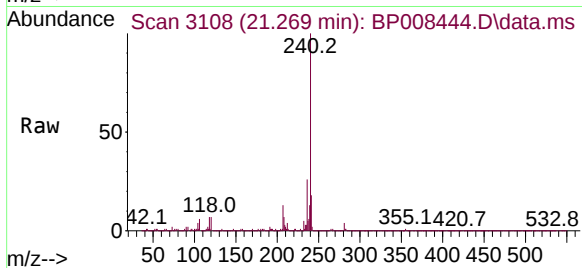




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

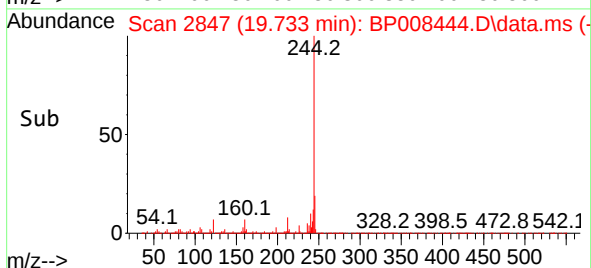
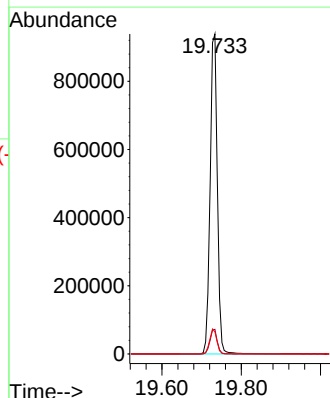
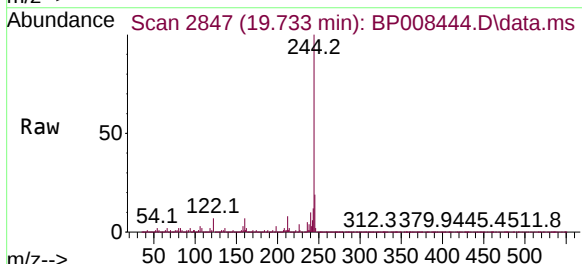
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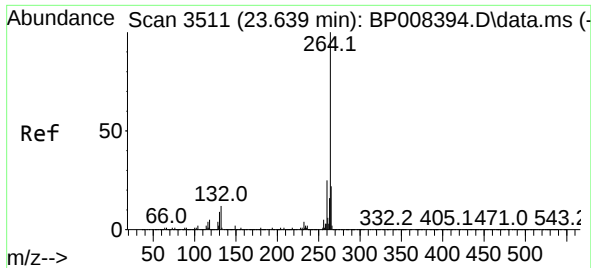
Tgt Ion:240 Resp: 329022
Ion Ratio Lower Upper
240 100
120 7.4 7.3 10.9
236 25.8 21.4 32.2



#79
Terphenyl-d14
Concen: 62.825 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

Tgt Ion:244 Resp: 1187719
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 6.9 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008444.D
 Acq: 16 Dec 2021 08:29

Instrument :
 BNA_P
 ClientSampleId :
 TP11

Tgt Ion:264 Resp: 373220
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.3 17.6 26.4

