

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008443.D
 Acq On : 16 Dec 2021 07:55
 Operator : CG/JU
 Sample : M5022-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP10

Quant Time: Dec 16 08:37:41 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)

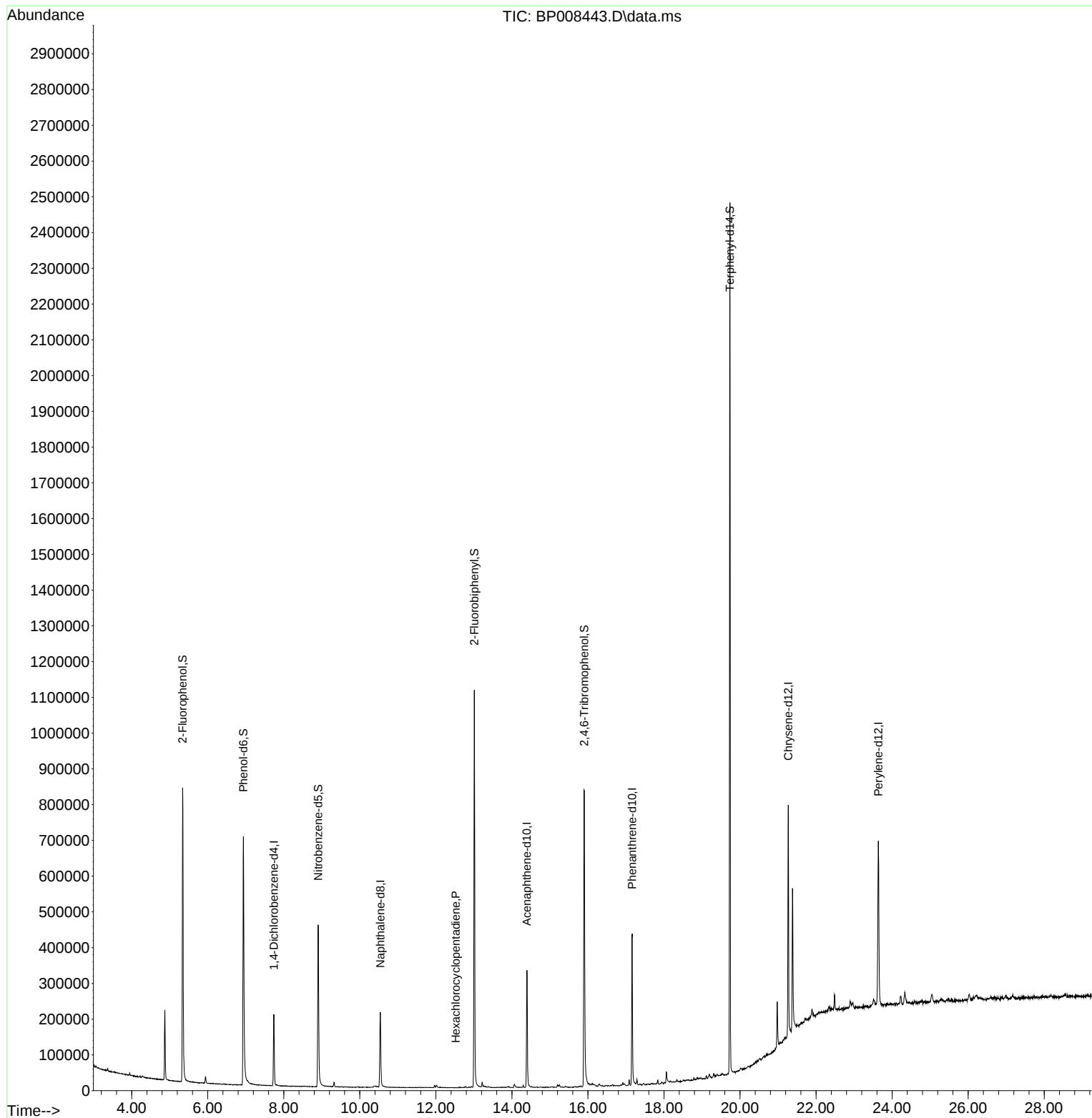
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	51035	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	182316	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	121529	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	272535	20.000	ng	0.00
76) Chrysene-d12	21.268	240	329069	20.000	ng	0.00
86) Perylene-d12	23.639	264	379824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	348965	107.984	ng	0.00
7) Phenol-d6	6.940	99	430922	99.285	ng	0.00
23) Nitrobenzene-d5	8.904	82	296542	68.908	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	189888	106.323	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	573106	59.947	ng	0.00
79) Terphenyl-d14	19.733	244	1097130	58.025	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.246	88	155	Below Cal	#	1
9) Benzaldehyde	6.881	77	49	Below Cal	#	29
41) Hexachlorocyclopentadiene	12.522	237	19	8.665 ng		75

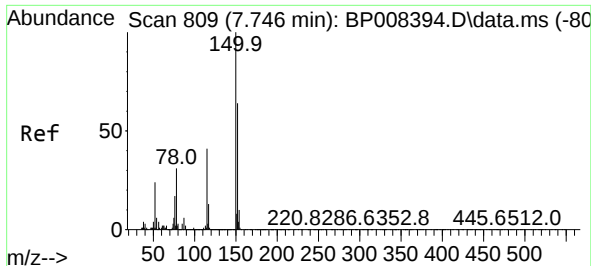
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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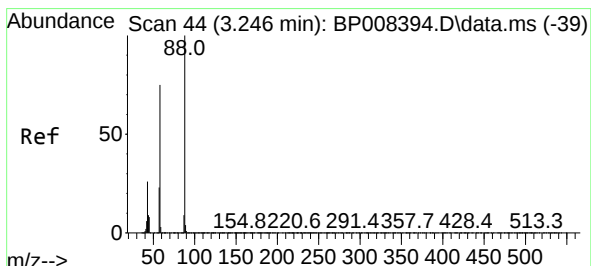
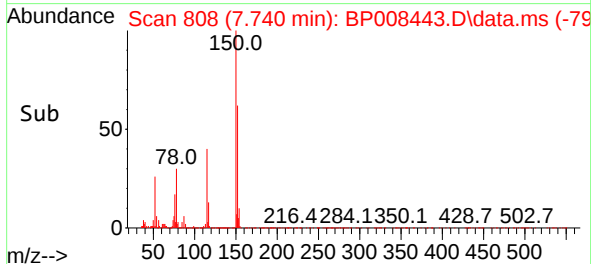
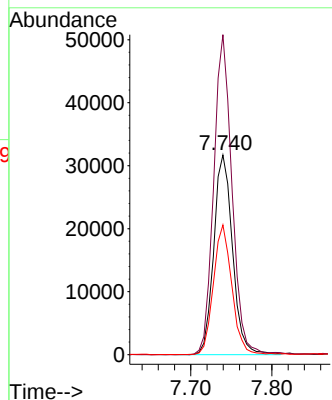
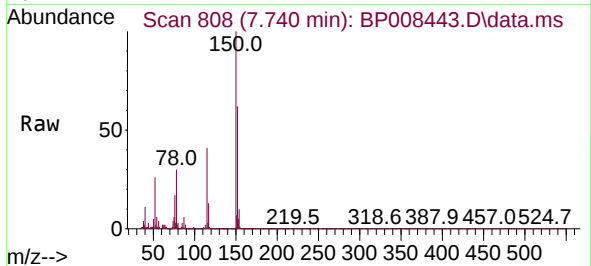




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BP008443.D
 Acq: 16 Dec 2021 07:55

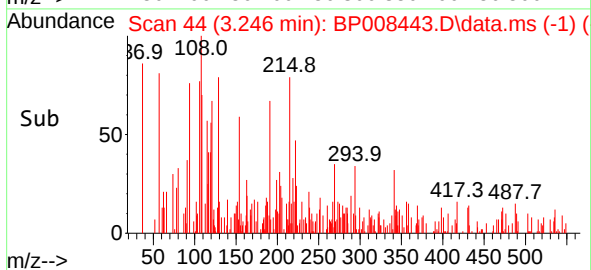
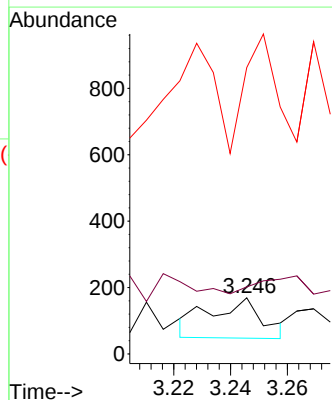
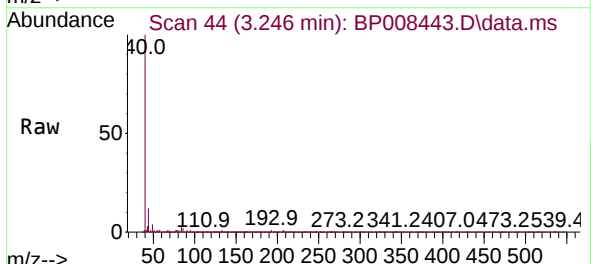
Instrument :
 BNA_P
 ClientSampleId :
 TP10

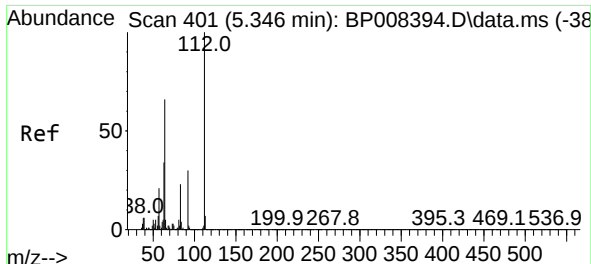
Tgt Ion:152 Resp: 51035
 Ion Ratio Lower Upper
 152 100
 150 160.3 125.7 188.5
 115 65.0 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.246 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BP008443.D
 Acq: 16 Dec 2021 07:55

Tgt Ion: 88 Resp: 155
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 180.6 23.4 35.2#

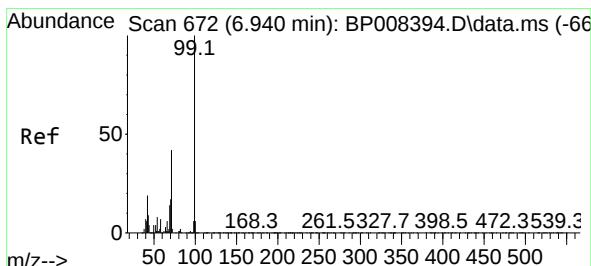
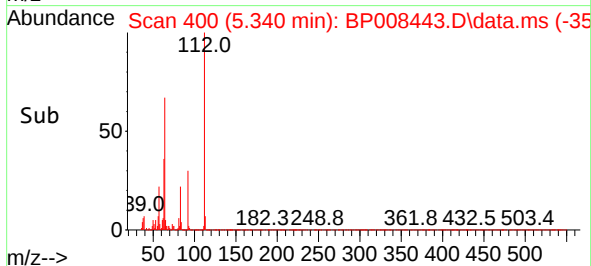
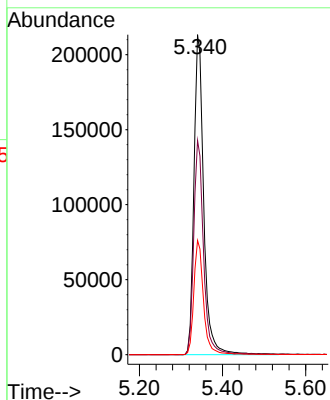
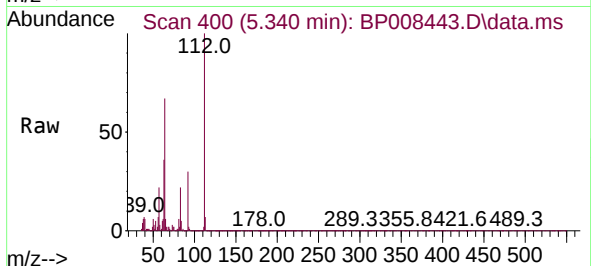




#5
2-Fluorophenol
Concen: 107.984 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

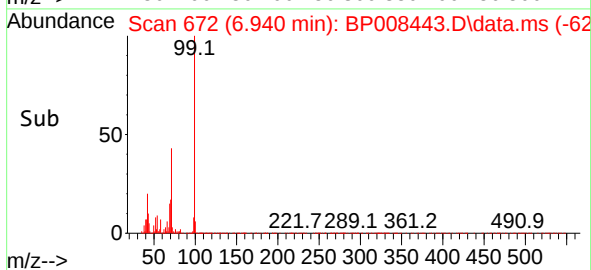
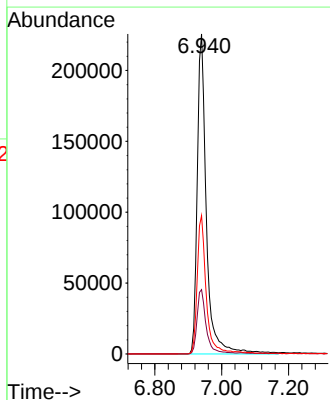
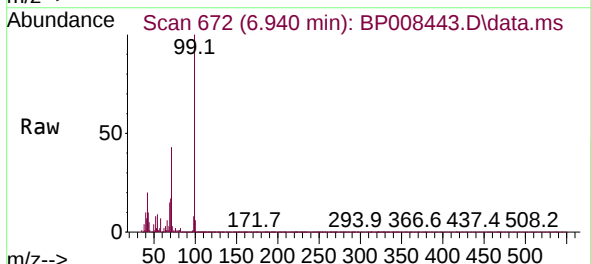
Instrument :
BNA_P
ClientSampleId :
TP10

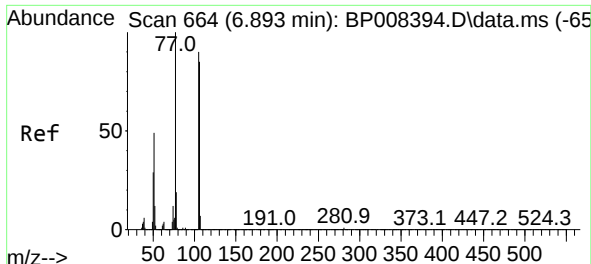
Tgt Ion:112 Resp: 348965
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.2
63 35.7 27.8 41.8



#7
Phenol-d6
Concen: 99.285 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion: 99 Resp: 430922
Ion Ratio Lower Upper
99 100
42 20.1 14.6 22.0
71 43.3 31.1 46.7

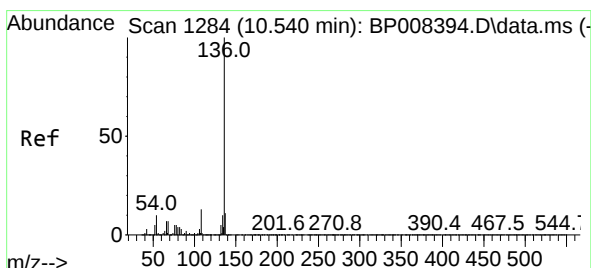
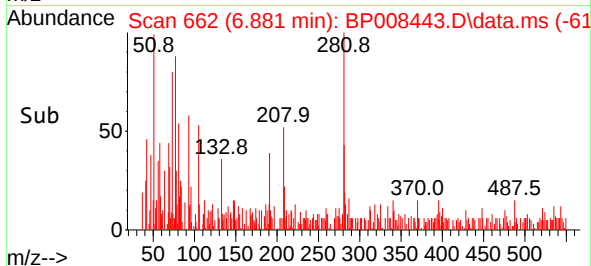
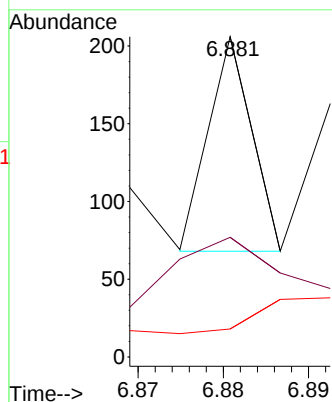
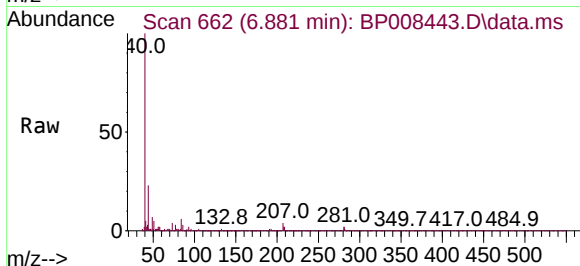




#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

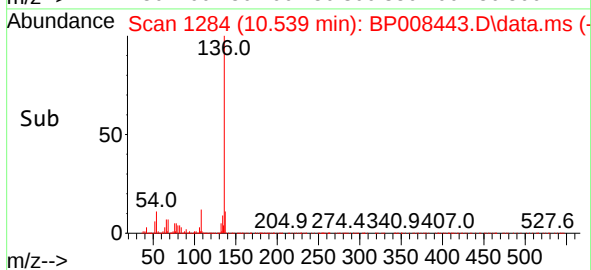
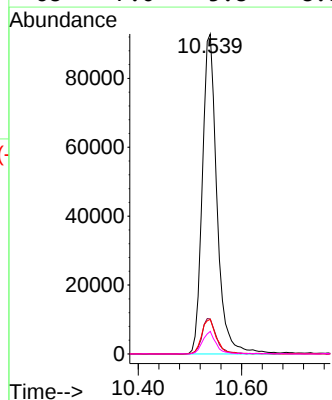
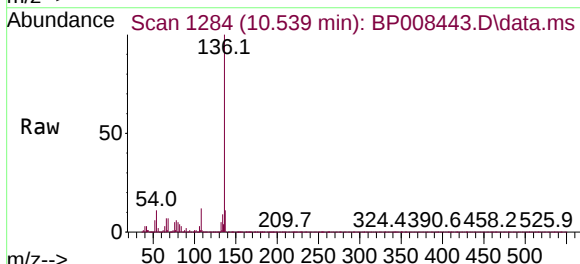
Instrument :
BNA_P
ClientSampleId :
TP10

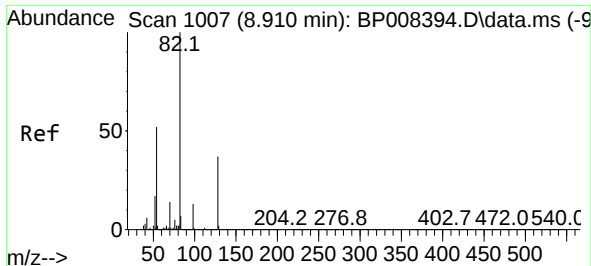
Tgt Ion: 77 Resp: 49
Ion Ratio Lower Upper
77 100
105 37.4 71.8 111.8#
106 8.7 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.001 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion: 136 Resp: 182316
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.8 8.2 12.4
68 7.0 5.8 8.8

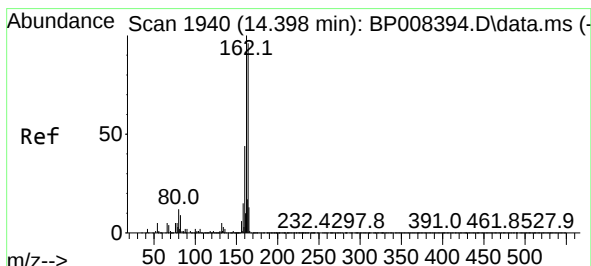
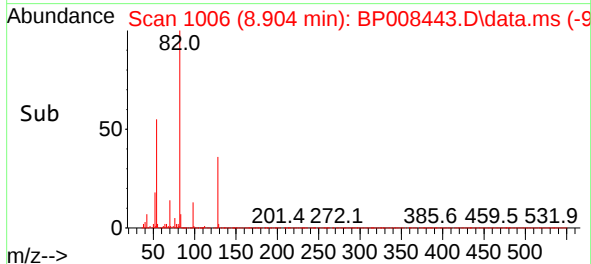
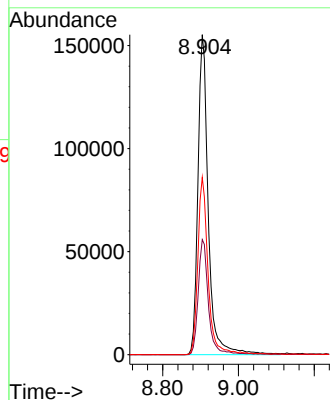
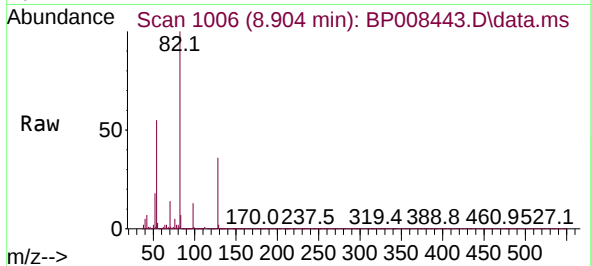




#23
Nitrobenzene-d5
Concen: 68.908 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

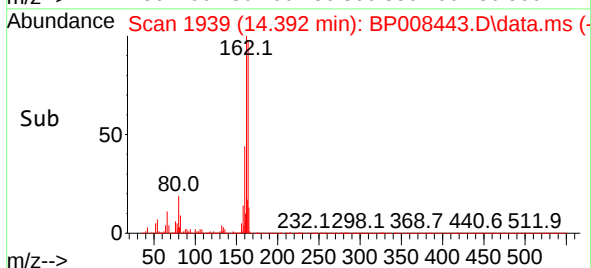
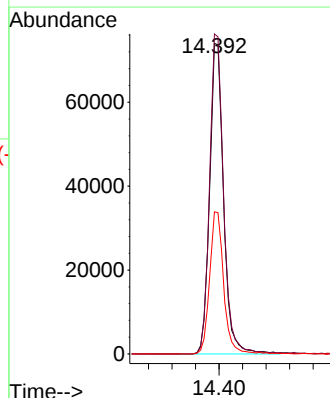
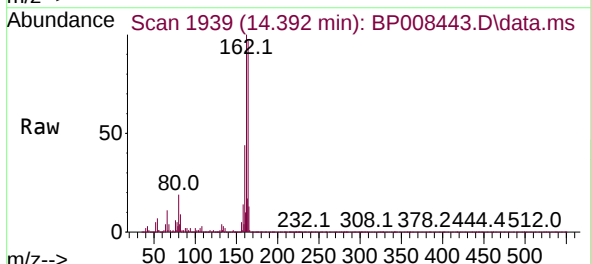
Instrument :
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ClientSampleId :
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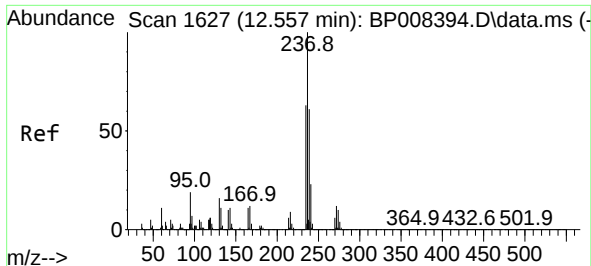
Tgt Ion: 82 Resp: 296542
Ion Ratio Lower Upper
82 100
128 35.9 29.6 44.4
54 55.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion: 164 Resp: 121529
Ion Ratio Lower Upper
164 100
162 103.0 81.9 122.9
160 45.7 35.4 53.0

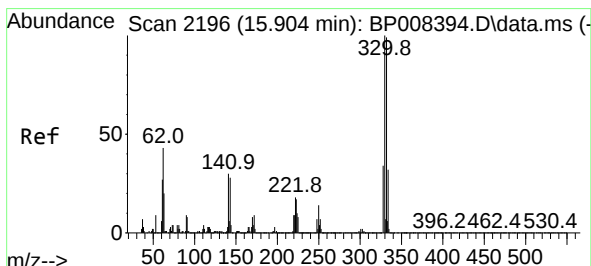
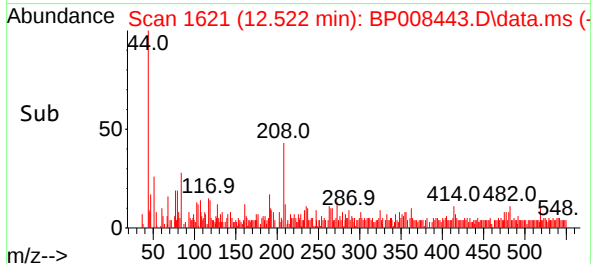
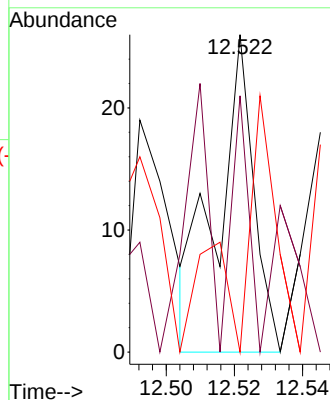
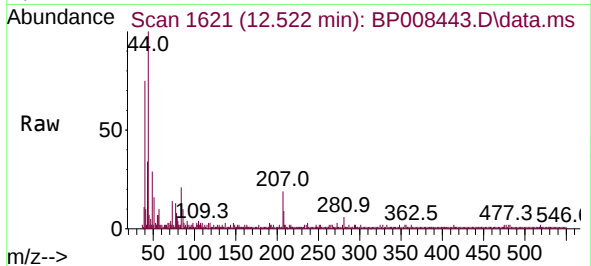




#41
Hexachlorocyclopentadiene
Concen: 8.665 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

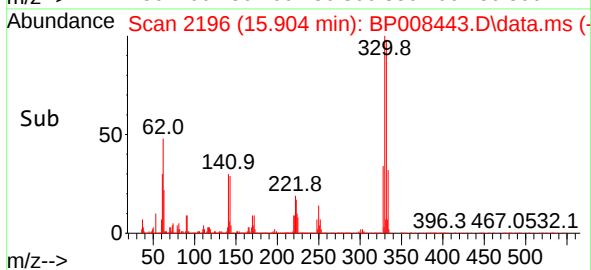
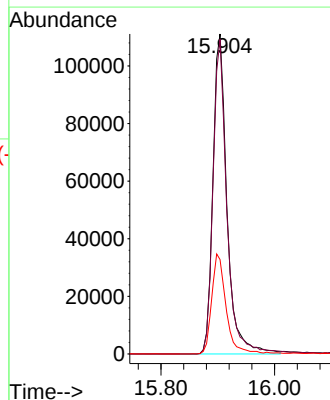
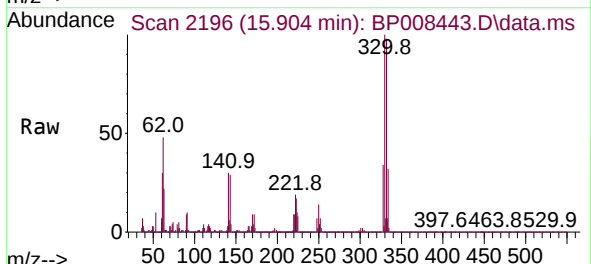
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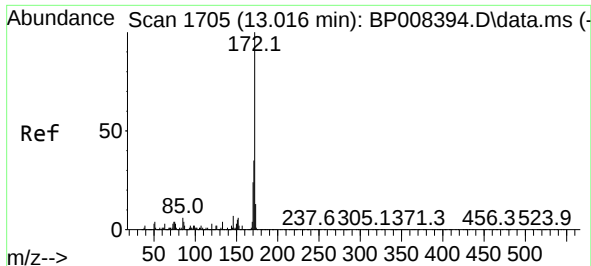
Tgt Ion:237	Resp:	19
Ion Ratio	Lower	Upper
237	100	
235	80.8	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 106.323 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion:330	Resp:	189888
Ion Ratio	Lower	Upper
330	100	
332	98.1	77.0 115.4
141	31.8	28.4 42.6

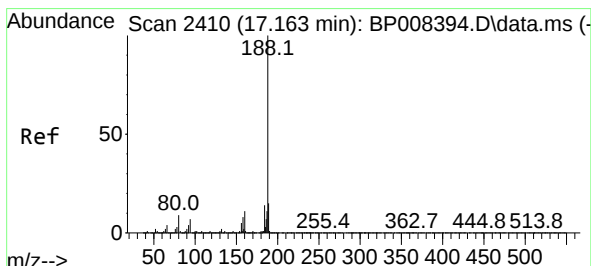
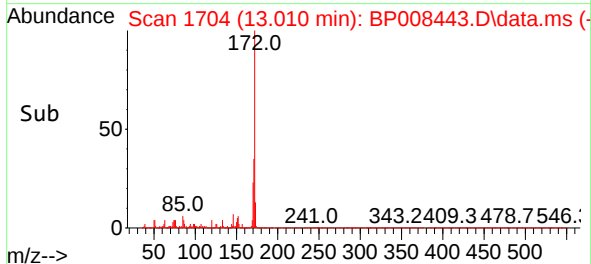
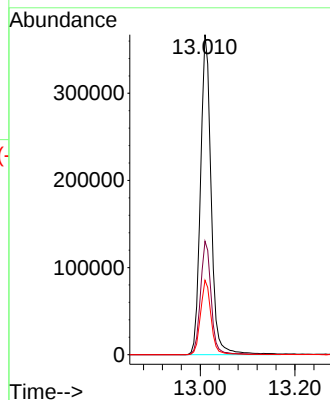
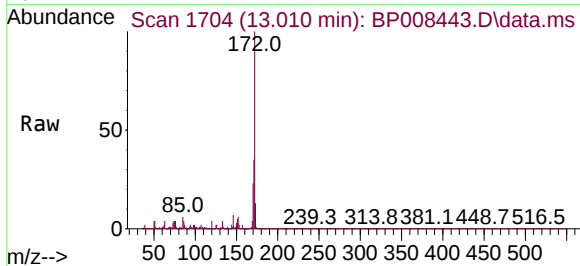




#45
2-Fluorobiphenyl
Concen: 59.947 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

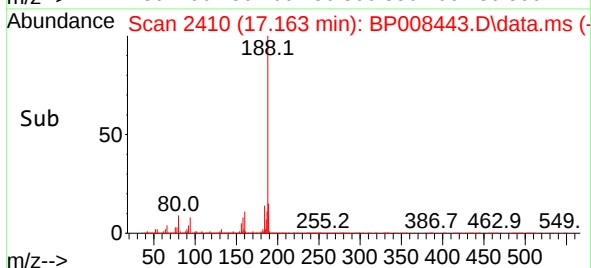
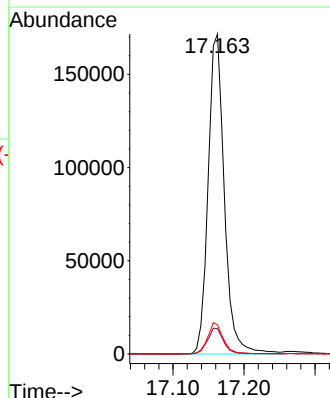
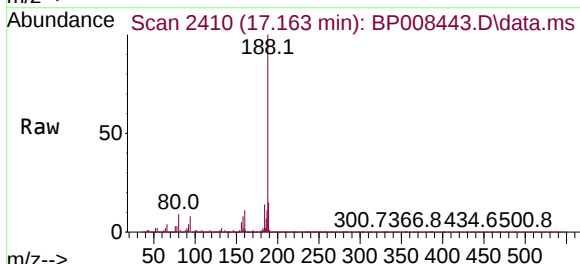
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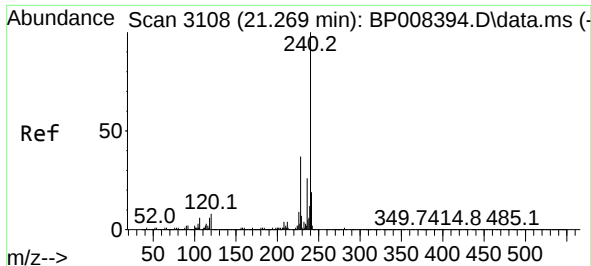
Tgt Ion:172 Resp: 573106
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion:188 Resp: 272535
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.2 8.2 12.4

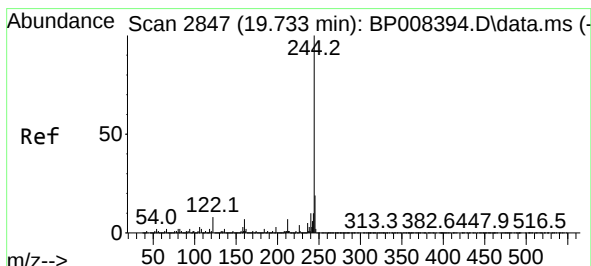
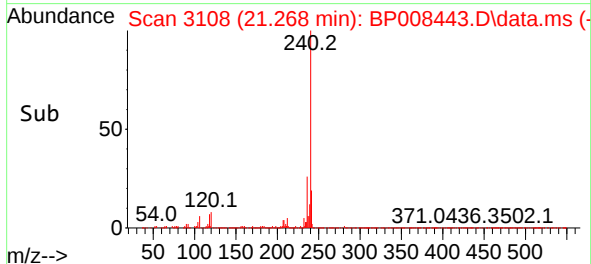
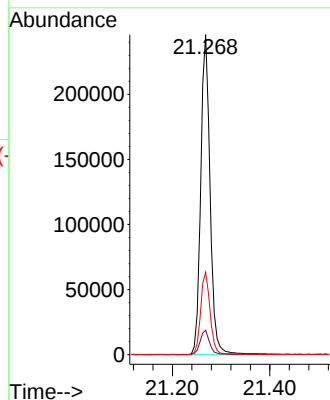
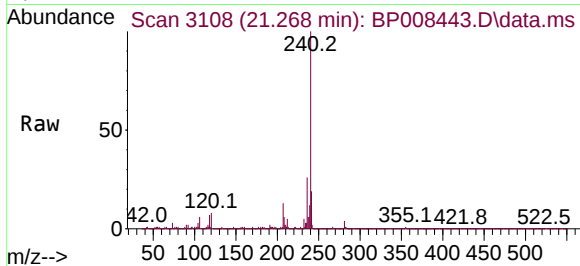




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

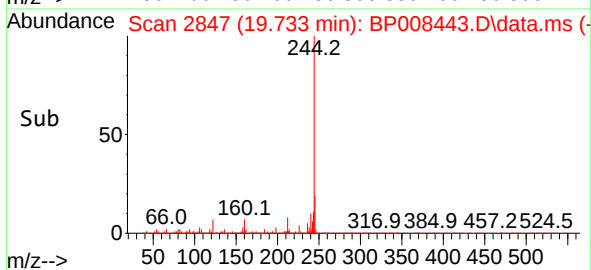
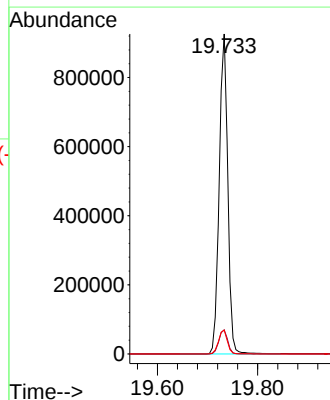
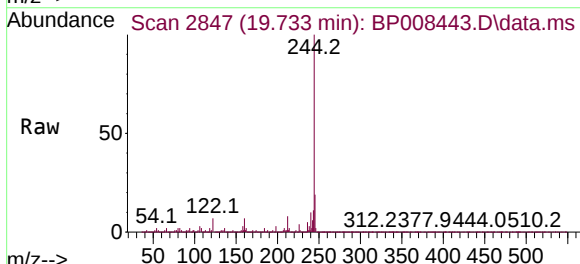
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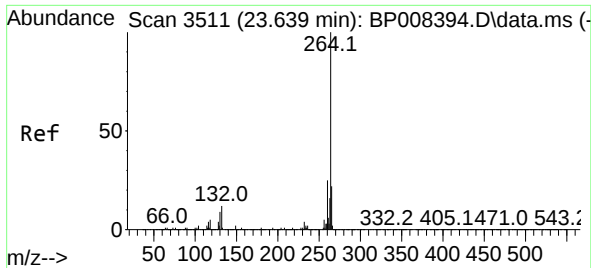
Tgt Ion:240 Resp: 329069
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 25.8 21.4 32.2



#79
Terphenyl-d14
Concen: 58.025 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion:244 Resp: 1097130
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.5 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP008443.D
 Acq: 16 Dec 2021 07:55

Instrument :
 BNA_P
 ClientSampleId :
 TP10

Tgt Ion:264 Resp: 379824
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.0 17.6 26.4

