

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008436.D
 Acq On : 16 Dec 2021 03:58
 Operator : CG/JU
 Sample : M5074-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-2

Quant Time: Dec 16 06:48:32 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)

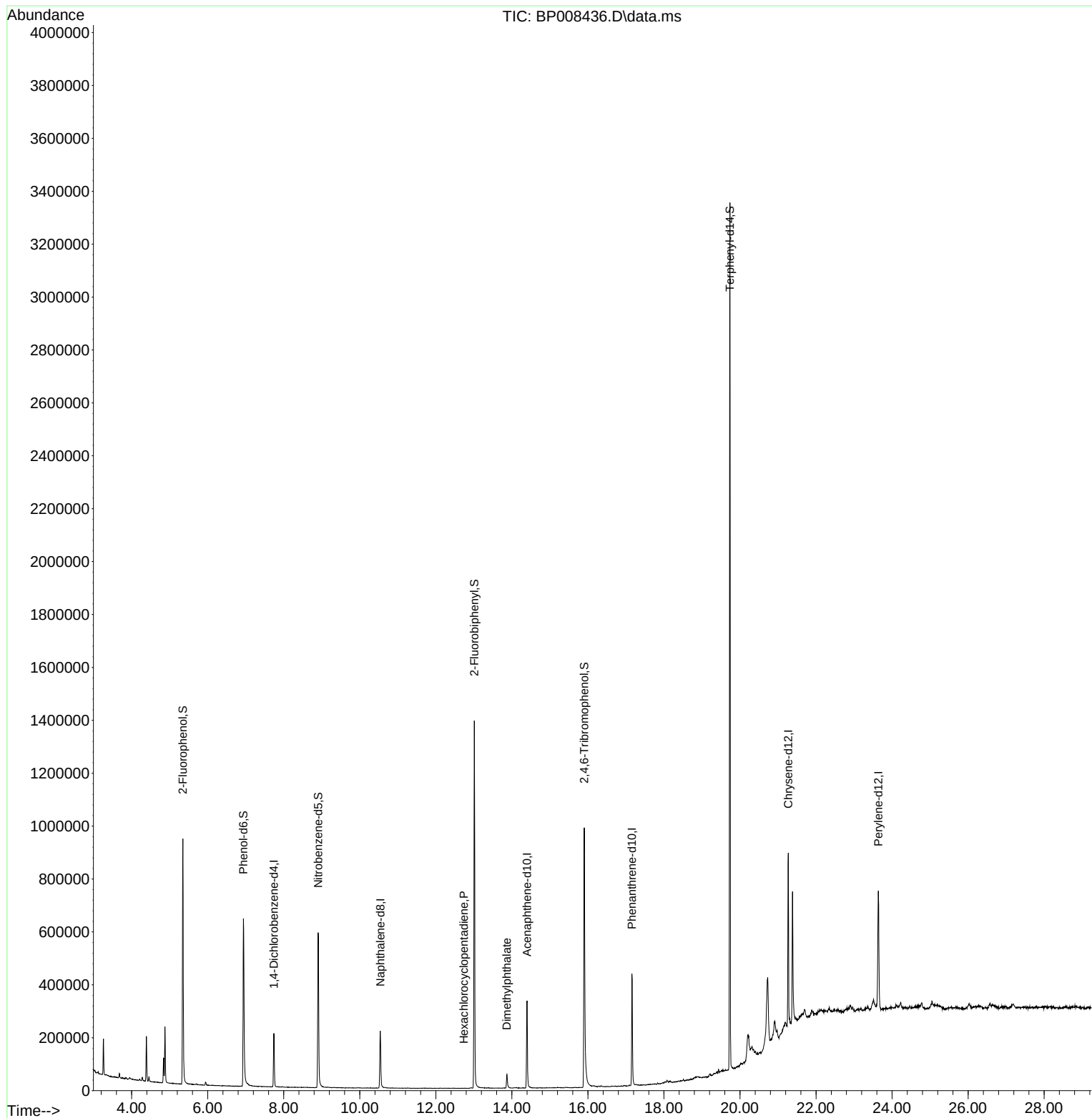
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	51651	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	184582	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	122482	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	276275	20.000	ng	0.00
76) Chrysene-d12	21.269	240	337933	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	374707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	378737	115.799	ng	0.00
7) Phenol-d6	6.940	99	405080	92.218	ng	0.00
23) Nitrobenzene-d5	8.905	82	373643	85.758	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	243381	135.214	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	734358	76.216	ng	0.00
79) Terphenyl-d14	19.733	244	1518921	78.226	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	195	Below Cal	#	1
9) Benzaldehyde	6.881	77	109	Below Cal	#	25
41) Hexachlorocyclopentadiene	12.740	237	23	8.668	ng	89
50) Dimethylphthalate	13.869	163	41549	4.480	ng	96

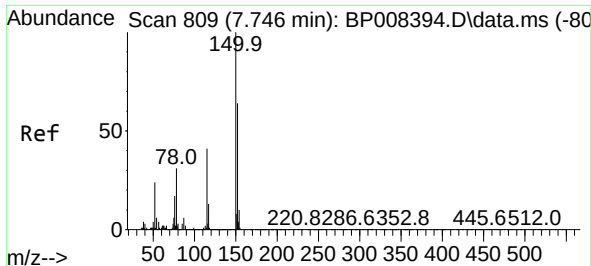
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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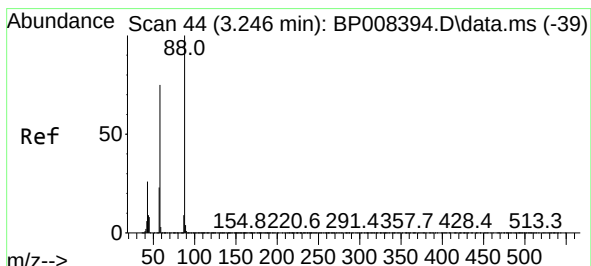
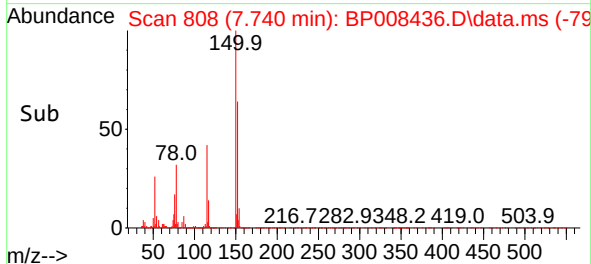
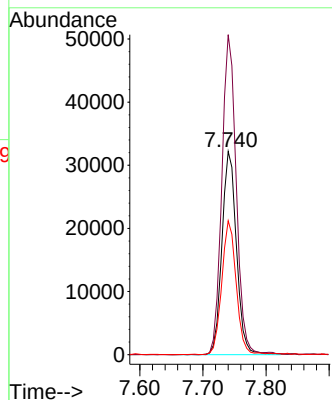
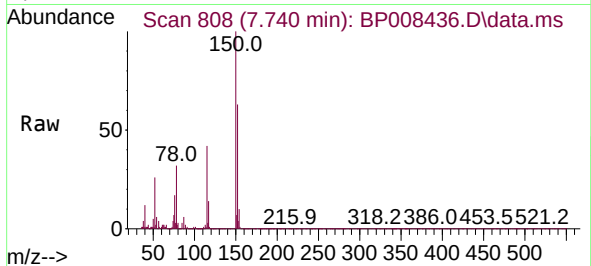




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP008436.D
 Acq: 16 Dec 2021 03:58

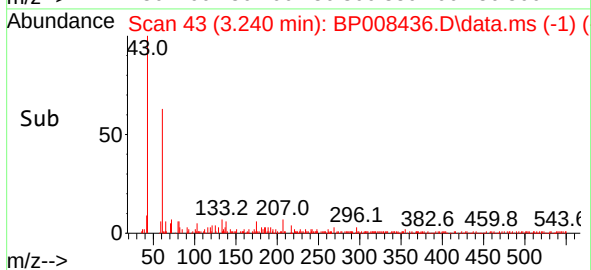
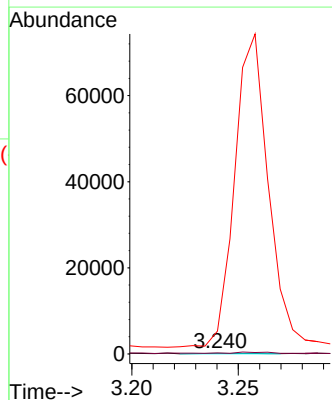
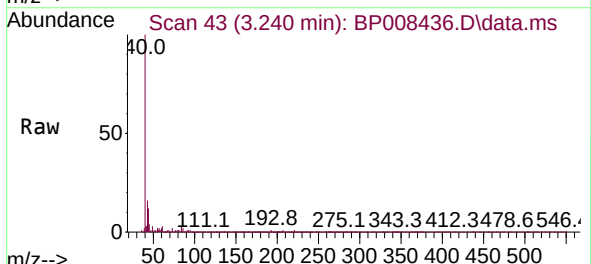
Instrument :
 BNA_P
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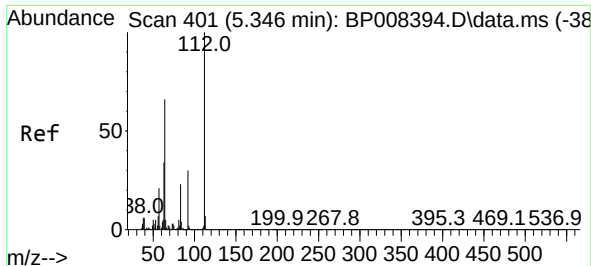
Tgt Ion:152 Resp: 51651
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.7 188.5
 115 65.9 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.240 min Scan# 43
 Delta R.T. -0.006 min
 Lab File: BP008436.D
 Acq: 16 Dec 2021 03:58

Tgt Ion: 88 Resp: 195
 Ion Ratio Lower Upper
 88 100
 58 202.6 63.5 95.3#
 43 41444.1 23.4 35.2#

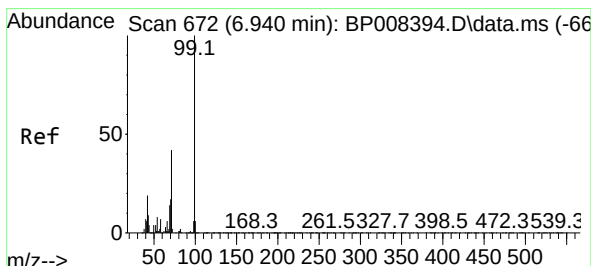
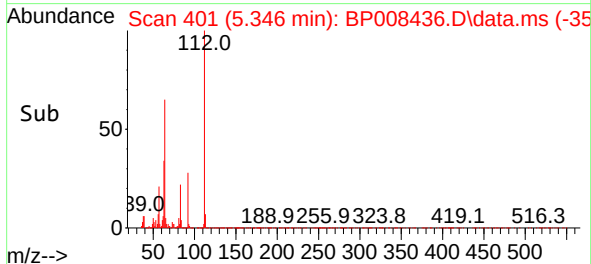
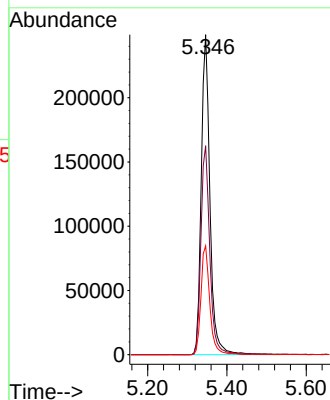
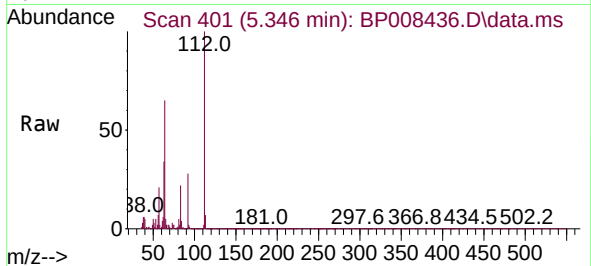




#5
2-Fluorophenol
Concen: 115.799 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

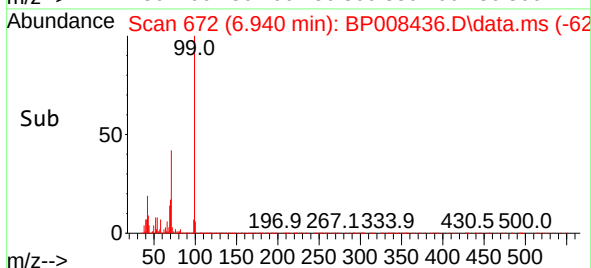
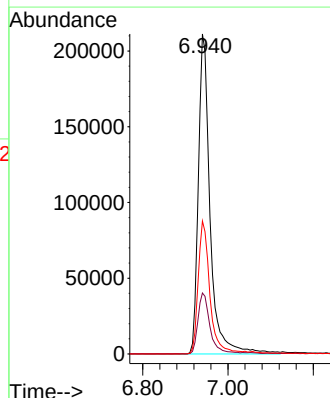
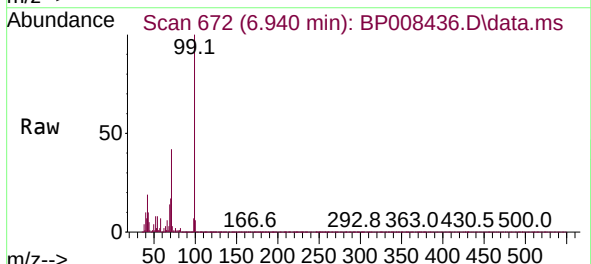
Instrument :
BNA_P
ClientSampleId :
CS-2

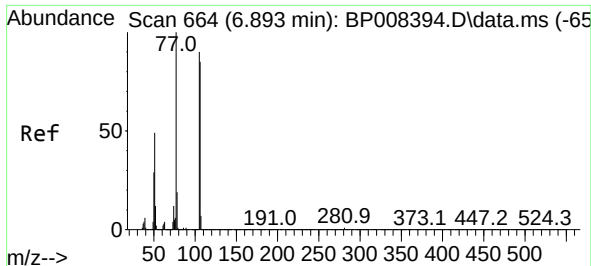
Tgt Ion:112 Resp: 378737
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 34.0 27.8 41.8



#7
Phenol-d6
Concen: 92.218 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

Tgt Ion: 99 Resp: 405080
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 41.6 31.1 46.7

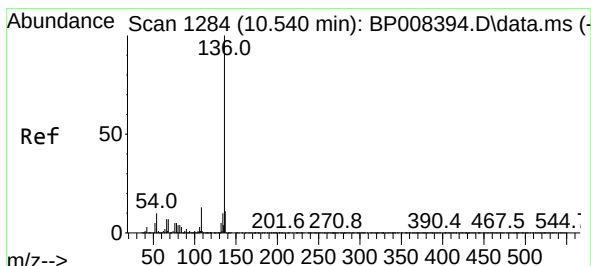
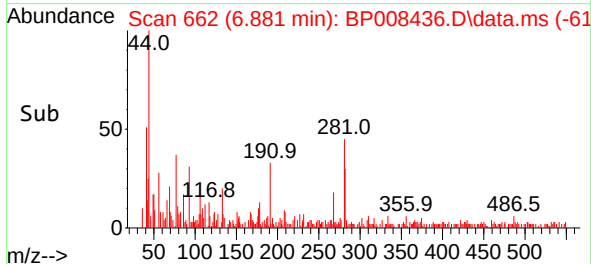
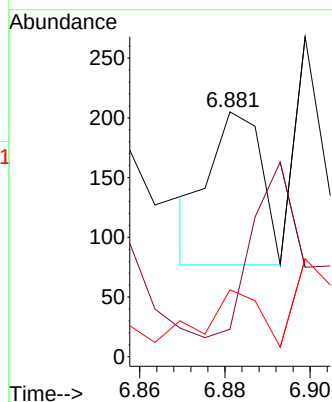
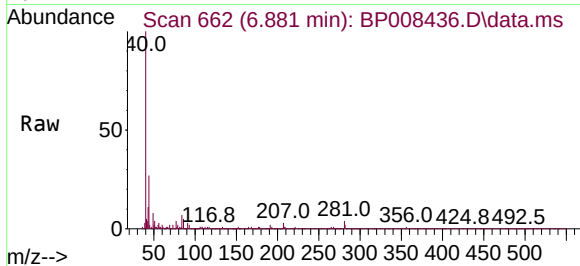




#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

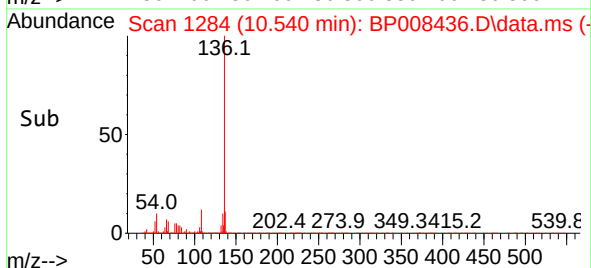
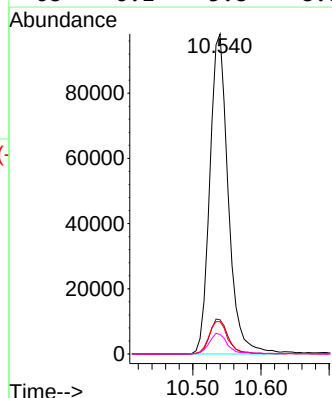
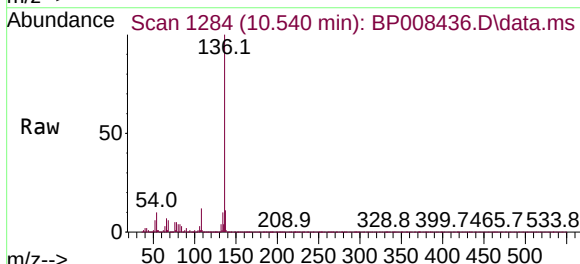
Instrument :
BNA_P
ClientSampleId :
CS-2

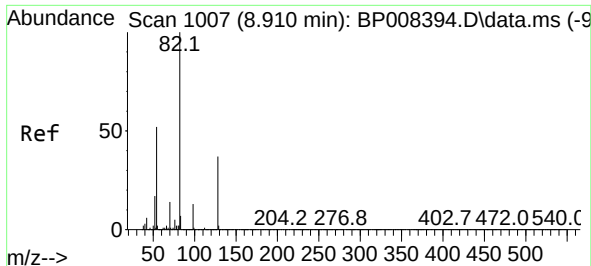
Tgt Ion: 77 Resp: 109
Ion Ratio Lower Upper
77 100
105 11.2 71.8 111.8#
106 27.3 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

Tgt Ion: 136 Resp: 184582
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.1 8.2 12.4
68 6.1 5.8 8.8

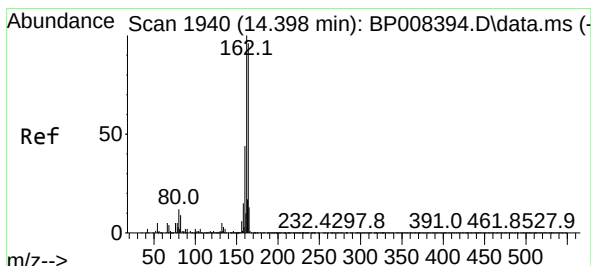
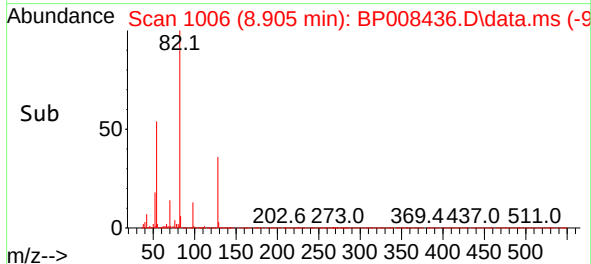
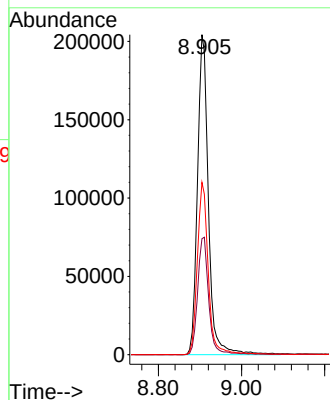
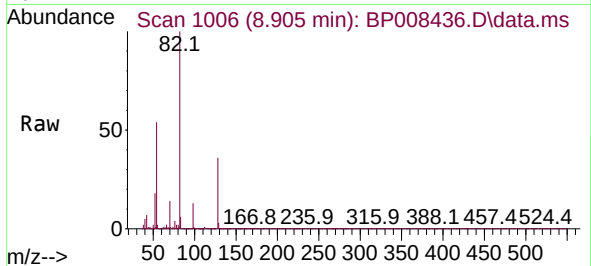




#23
Nitrobenzene-d5
Concen: 85.758 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

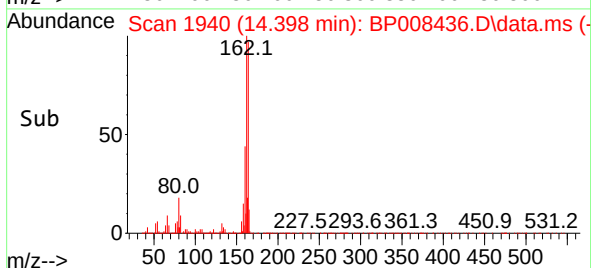
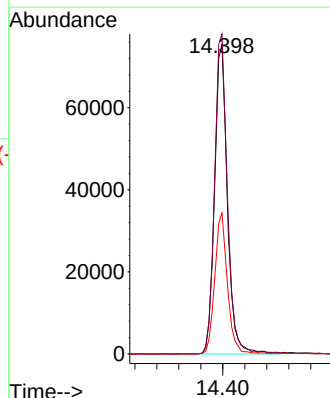
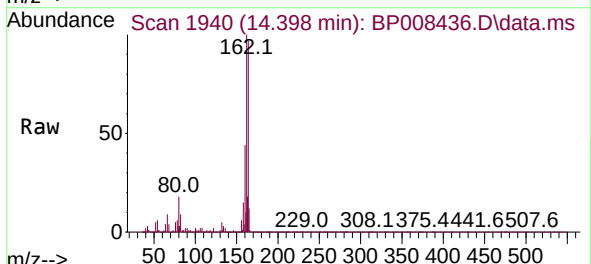
Instrument :
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ClientSampleId :
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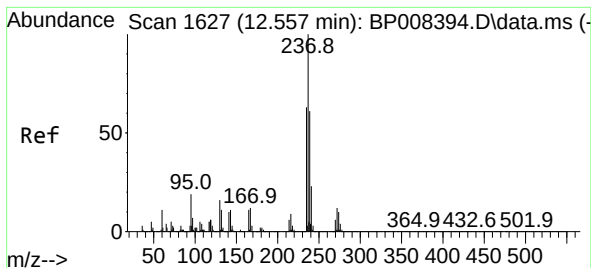
Tgt Ion: 82 Resp: 373643
Ion Ratio Lower Upper
82 100
128 36.3 29.6 44.4
54 53.8 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

Tgt Ion: 164 Resp: 122482
Ion Ratio Lower Upper
164 100
162 103.4 81.9 122.9
160 45.6 35.4 53.0

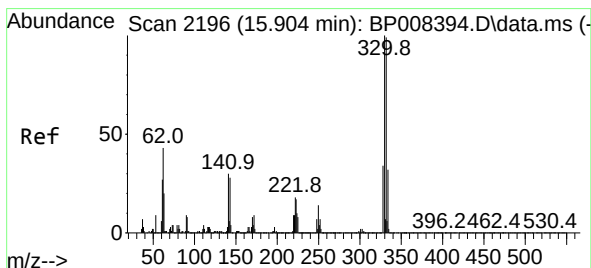
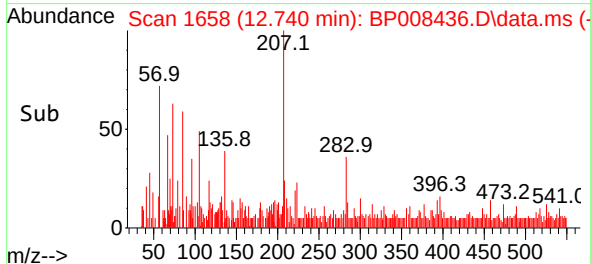
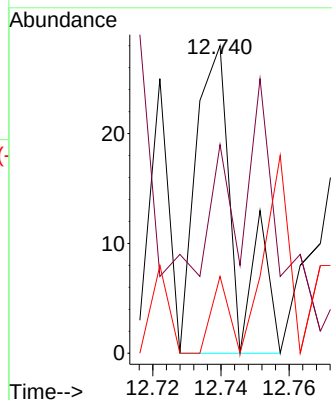
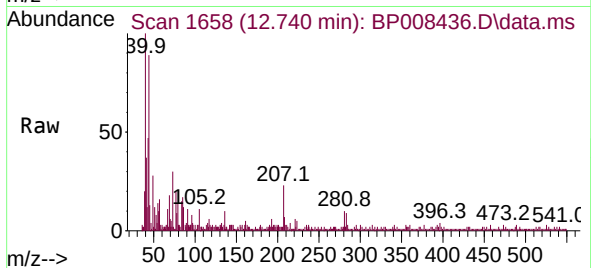




#41
Hexachlorocyclopentadiene
Concen: 8.668 ng
RT: 12.740 min Scan# 1658
Delta R.T. 0.183 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

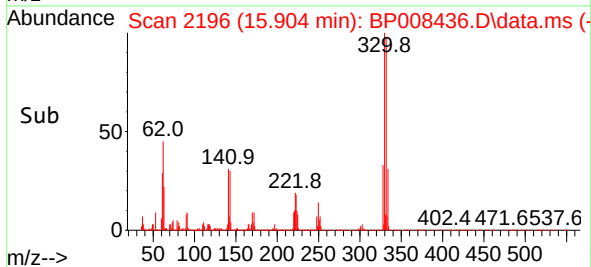
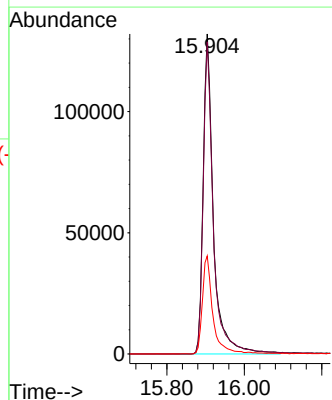
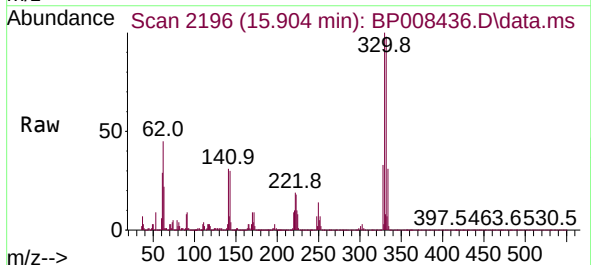
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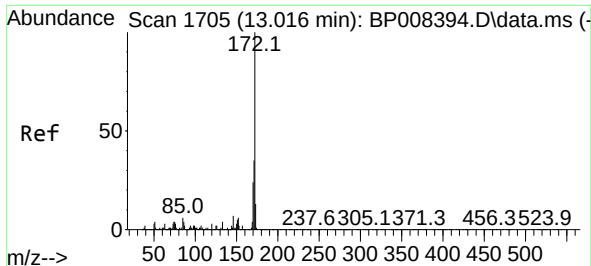
Tgt Ion:	237	Resp:	23
Ion	Ratio	Lower	Upper
237	100		
235	67.9	42.3	82.3
272	25.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 135.214 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

Tgt Ion:	330	Resp:	243381
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.4
141	30.7	28.4	42.6

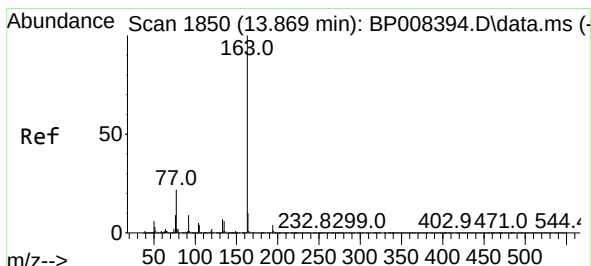
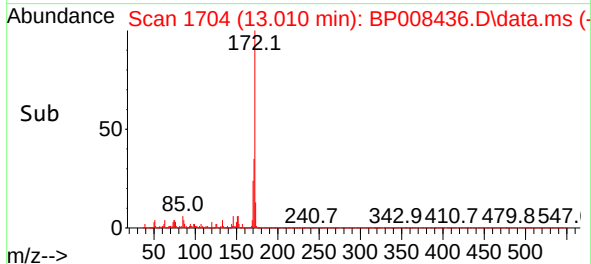
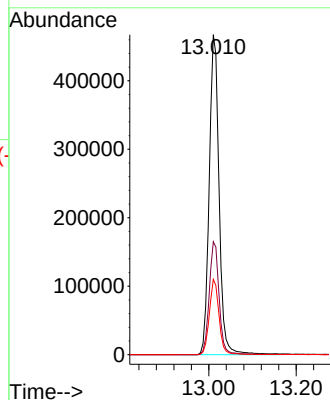
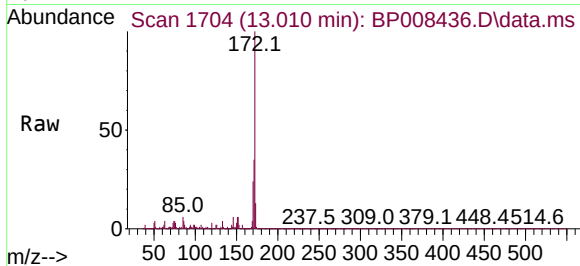




#45
2-Fluorobiphenyl
Concen: 76.216 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

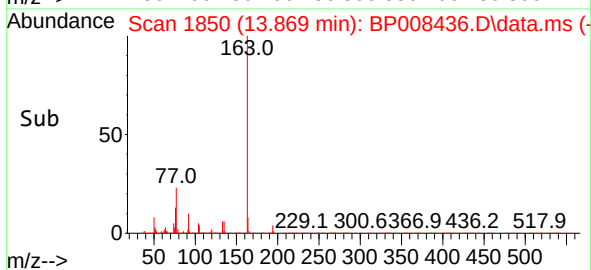
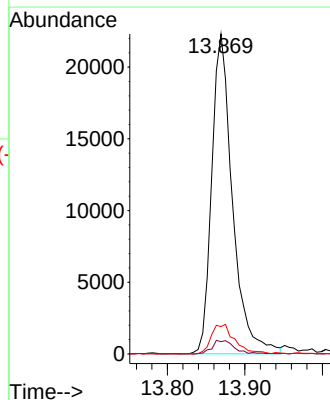
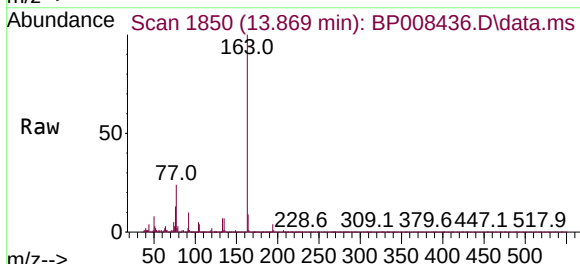
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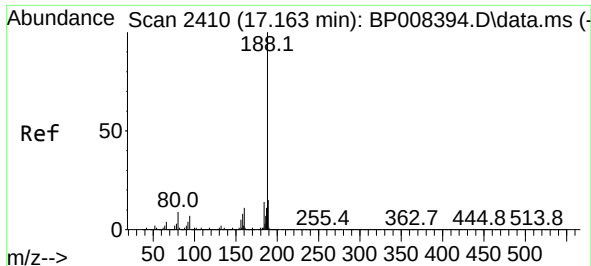
Tgt Ion:172 Resp: 734358
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.5 18.9 28.3



#50
Dimethylphthalate
Concen: 4.480 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

Tgt Ion:163 Resp: 41549
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 8.5 8.2 12.2

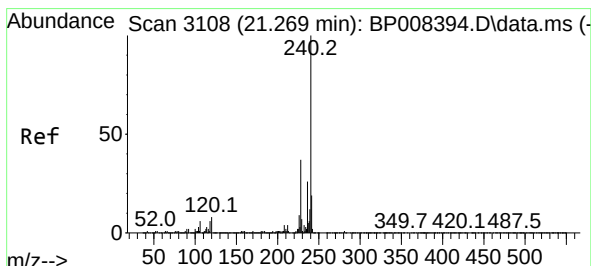
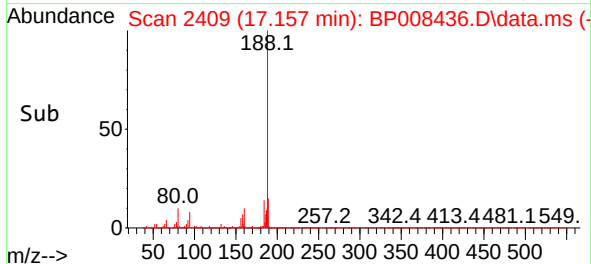
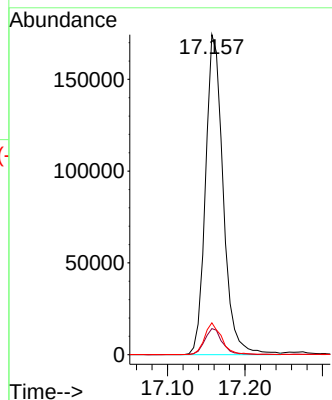
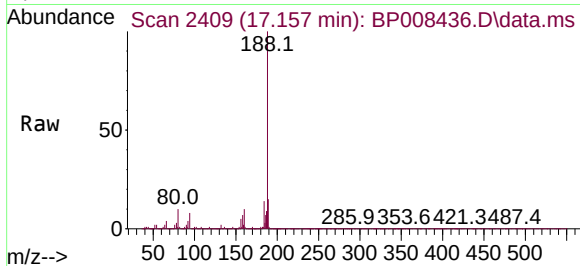




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

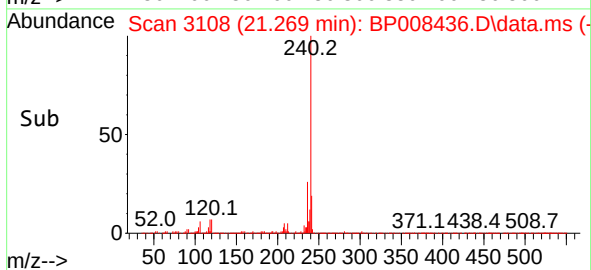
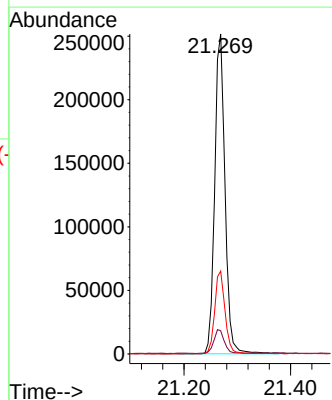
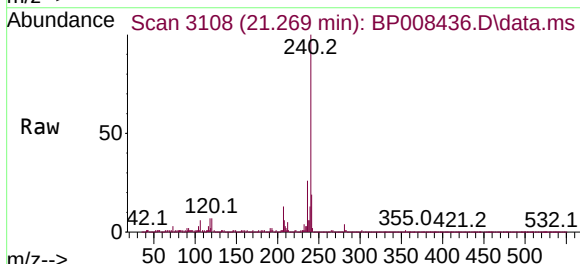
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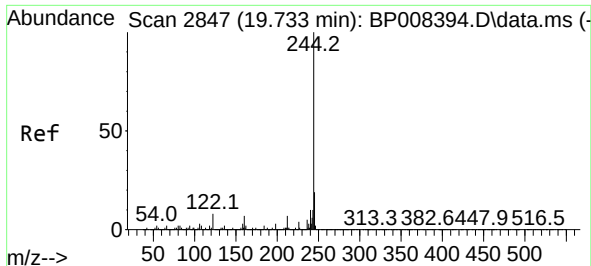
Tgt Ion:188 Resp: 276275
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008436.D
Acq: 16 Dec 2021 03:58

Tgt Ion:240 Resp: 337933
Ion Ratio Lower Upper
240 100
120 7.3 7.3 10.9#
236 25.9 21.4 32.2



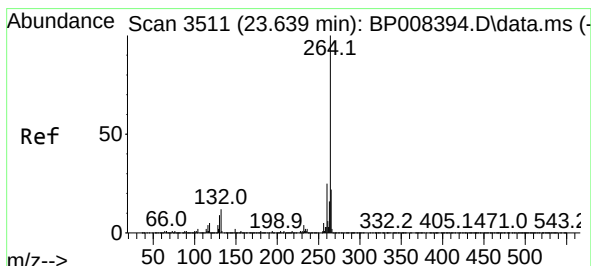
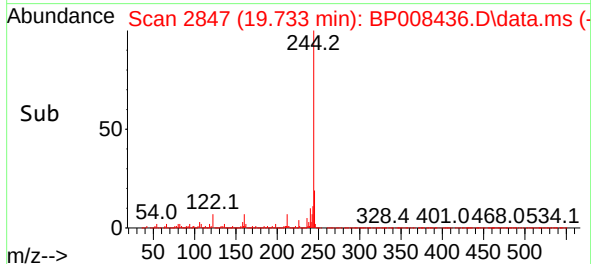
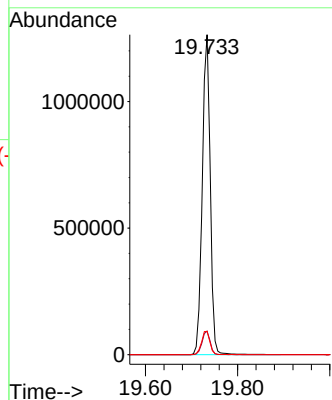
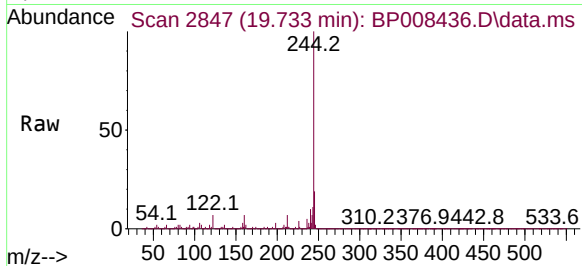


#79
 Terphenyl-d14
 Concen: 78.226 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BP008436.D
 Acq: 16 Dec 2021 03:58

Instrument :
 BNA_P
 ClientSampleId :
 CS-2

Tgt Ion:244 Resp: 1518921

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.3	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 3511
 Delta R.T. 0.000 min
 Lab File: BP008436.D
 Acq: 16 Dec 2021 03:58

Tgt Ion:264 Resp: 374707

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.4	17.6	26.4

