

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008458.D
 Acq On : 16 Dec 2021 18:14
 Operator : CG/JU
 Sample : M4967-08RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8SRE

Quant Time: Dec 17 03:23:09 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)

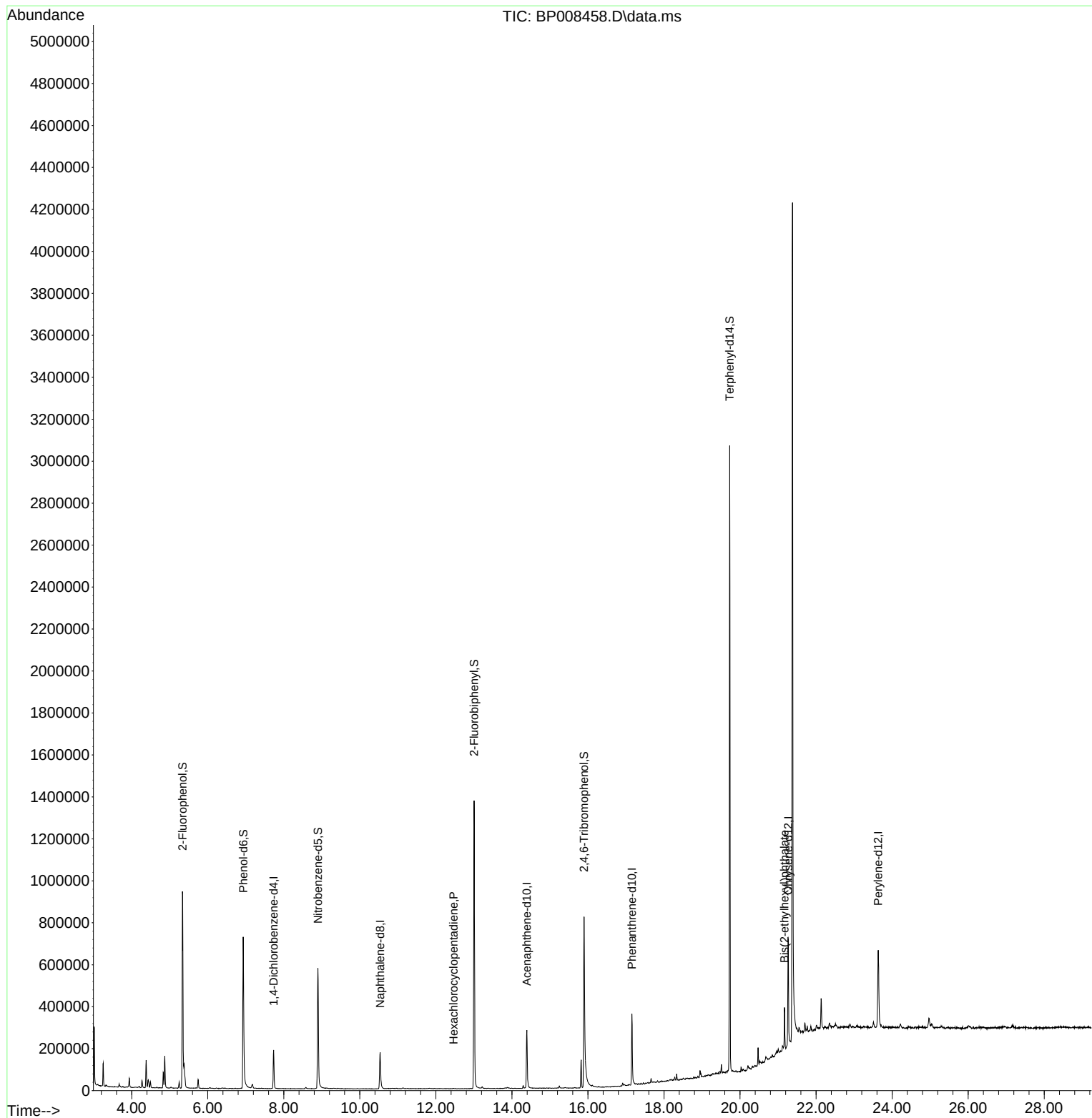
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	46774	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	161642	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	105058	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	227219	20.000	ng	0.00
76) Chrysene-d12	21.269	240	269948	20.000	ng	0.00
86) Perylene-d12	23.633	264	326415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	404442	136.552	ng	0.00
7) Phenol-d6	6.934	99	459976	115.633	ng	0.00
23) Nitrobenzene-d5	8.899	82	367700	96.371	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	229173	148.437	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	748276	90.541	ng	-0.01
79) Terphenyl-d14	19.727	244	1356942	87.484	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.234	88	59	Below Cal	#	19
9) Benzaldehyde	6.858	77	381	Below Cal	#	17
41) Hexachlorocyclopentadiene	12.469	237	13	8.662	ng	77
84) Bis(2-ethylhexyl)phtha...	21.169	149	58535	5.912	ng	100

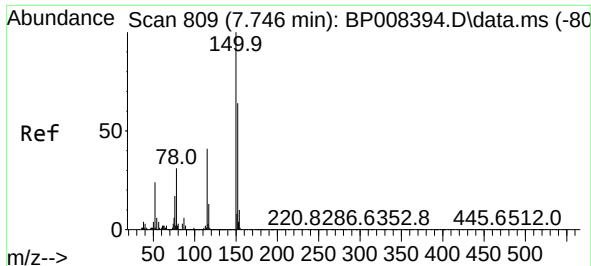
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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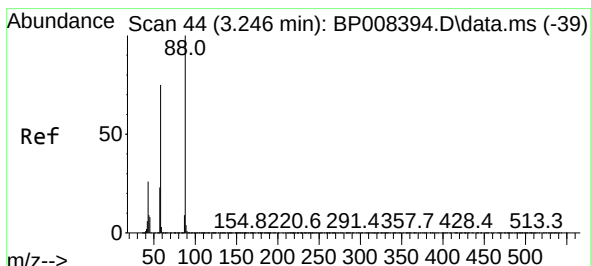
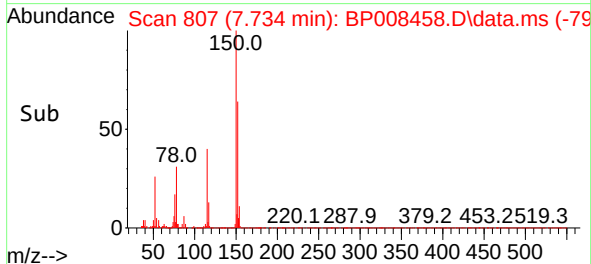
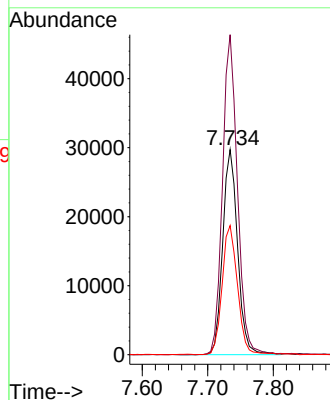
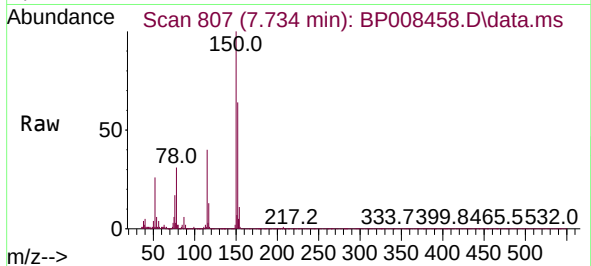




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

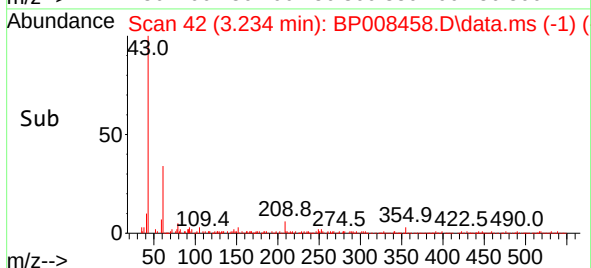
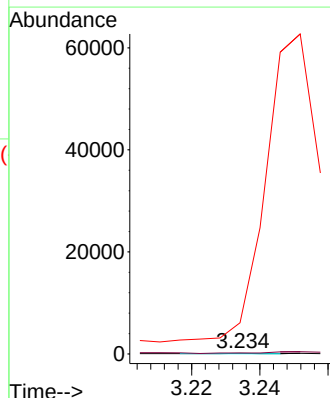
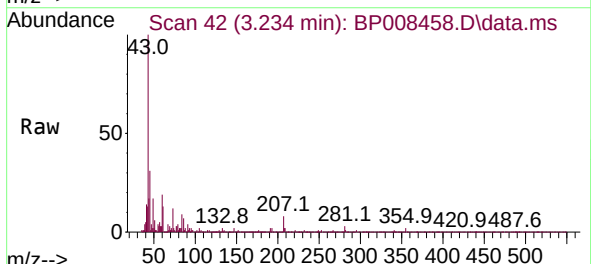
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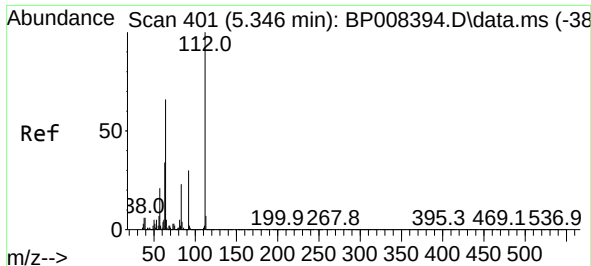
Tgt Ion:152 Resp: 46774
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 62.9 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 42
Delta R.T. -0.012 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 0.0 63.5 95.3#
43 0.0 23.4 35.2#

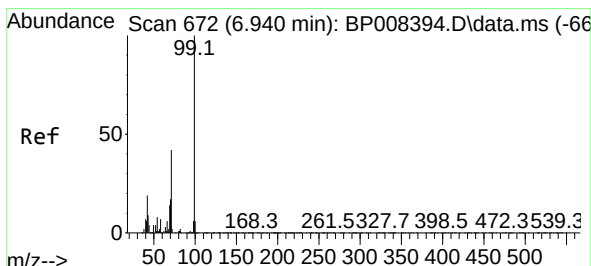
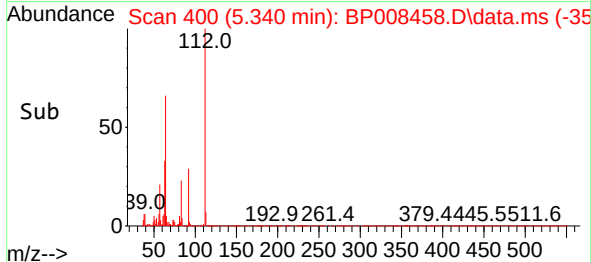
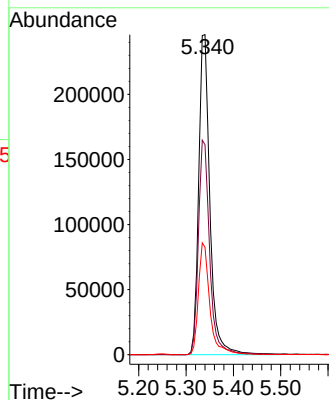
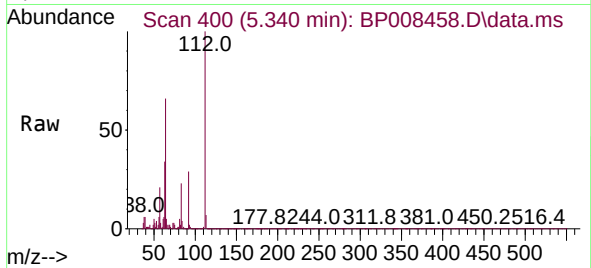




#5
2-Fluorophenol
Concen: 136.552 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

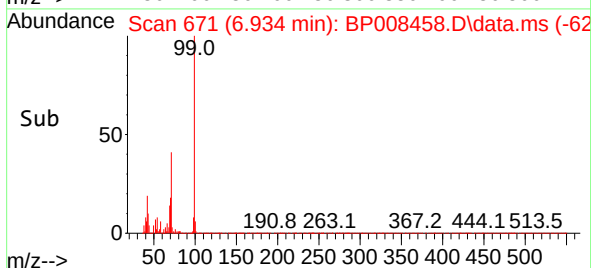
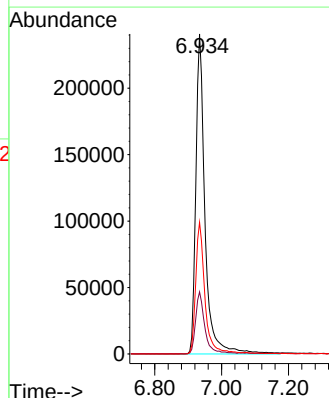
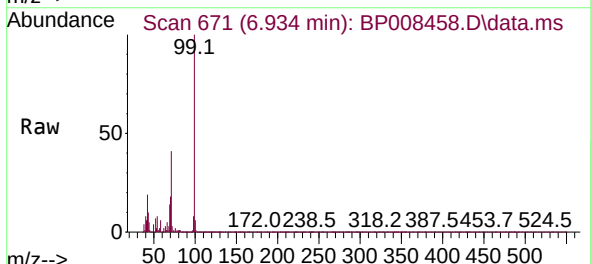
Instrument :
BNA_P
ClientSampleId :
TP-8SRE

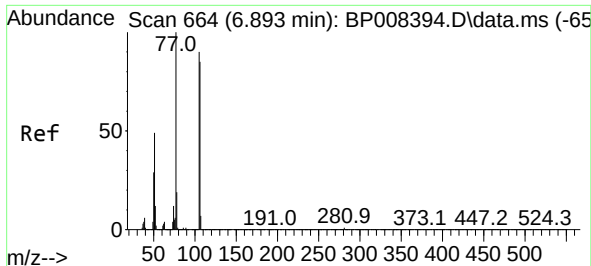
Tgt Ion:112 Resp: 404442
Ion Ratio Lower Upper
112 100
64 65.6 53.4 80.2
63 33.6 27.8 41.8



#7
Phenol-d6
Concen: 115.633 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

Tgt Ion: 99 Resp: 459976
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 41.2 31.1 46.7

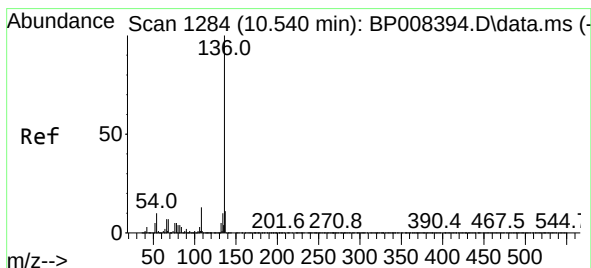
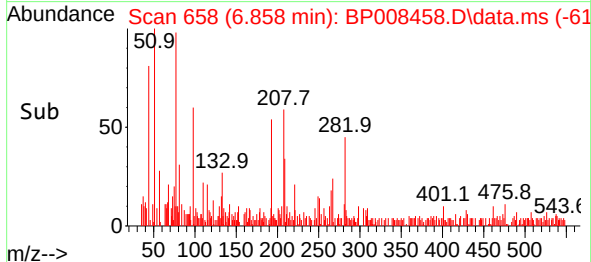
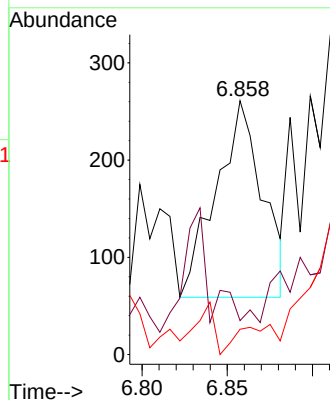
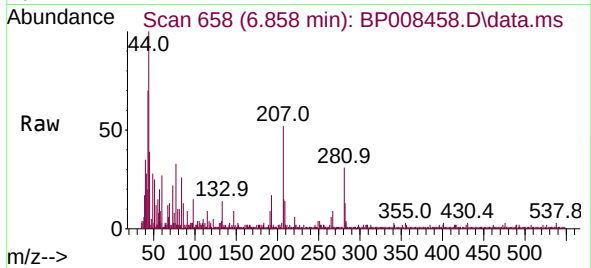




#9
Benzaldehyde
Concen: Below Cal
RT: 6.858 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

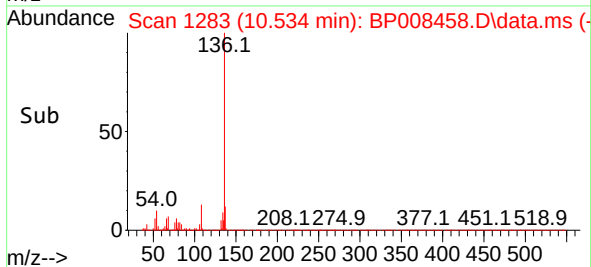
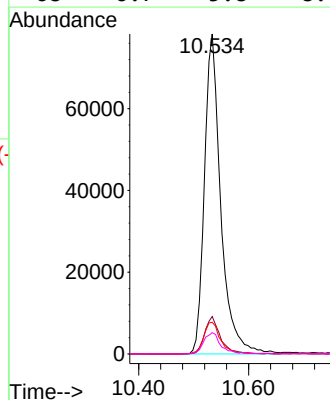
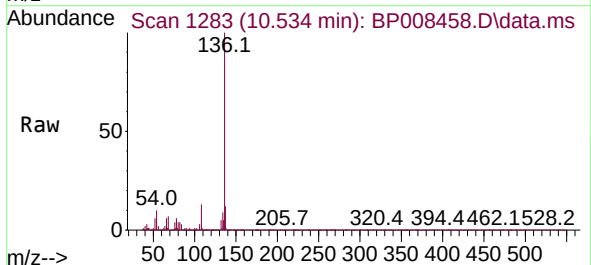
Instrument :
BNA_P
ClientSampleId :
TP-8SRE

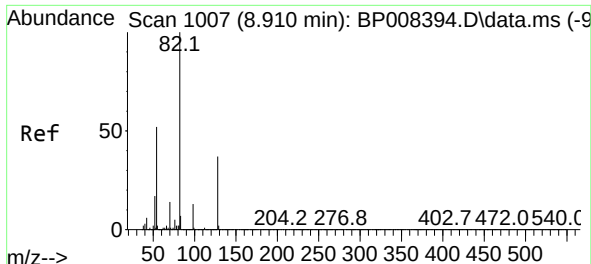
Tgt Ion: 77 Resp: 381
Ion Ratio Lower Upper
77 100
105 13.4 71.8 111.8#
106 10.0 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

Tgt Ion: 136 Resp: 161642
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.9 8.2 12.4
68 6.7 5.8 8.8

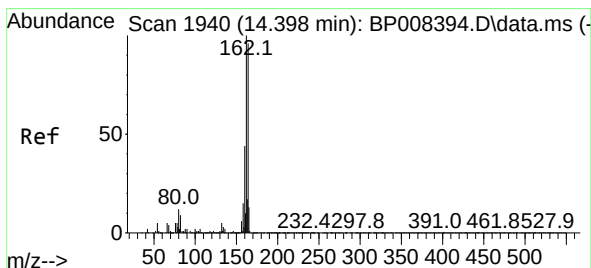
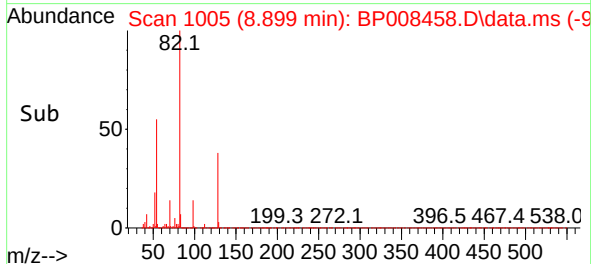
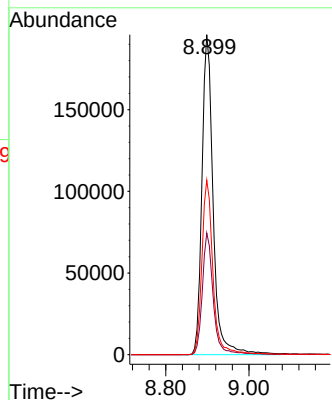
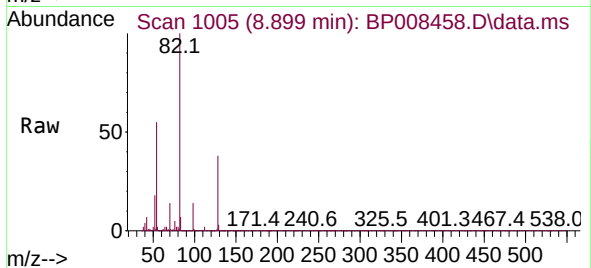




#23
Nitrobenzene-d5
Concen: 96.371 ng
RT: 8.899 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

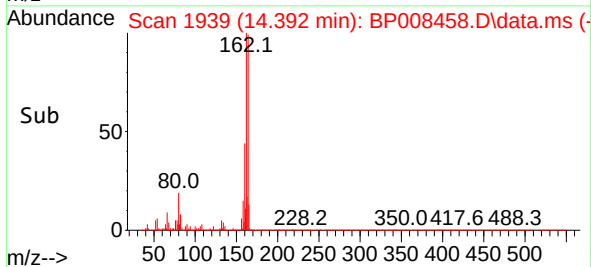
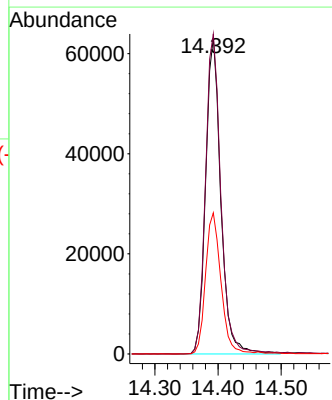
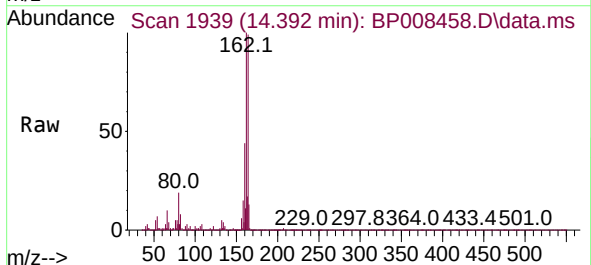
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TP-8SRE

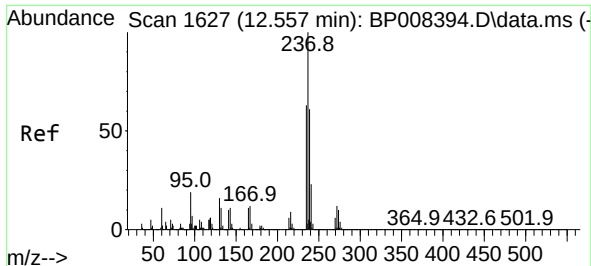
Tgt Ion: 82 Resp: 367700
Ion Ratio Lower Upper
82 100
128 38.0 29.6 44.4
54 54.5 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

Tgt Ion: 164 Resp: 105058
Ion Ratio Lower Upper
164 100
162 101.3 81.9 122.9
160 44.7 35.4 53.0

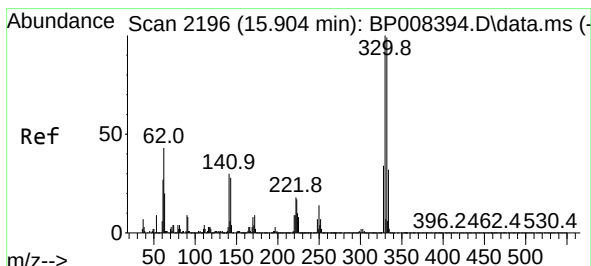
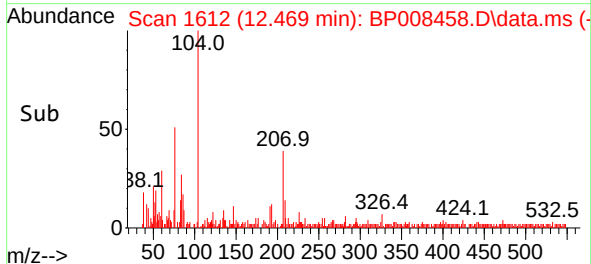
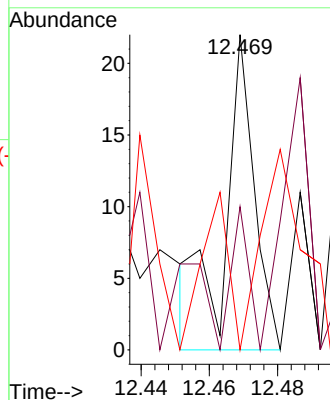
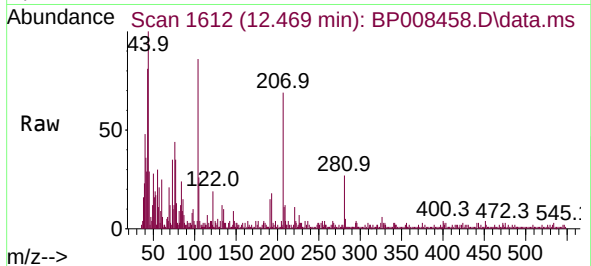




#41
Hexachlorocyclopentadiene
Concen: 8.662 ng
RT: 12.469 min Scan# 1
Delta R.T. -0.088 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

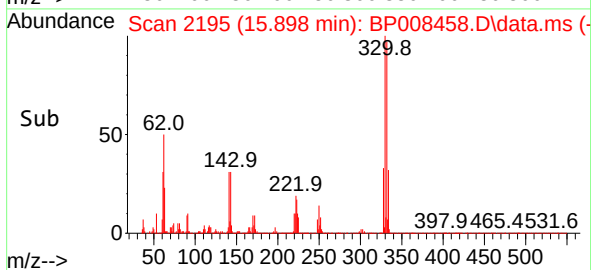
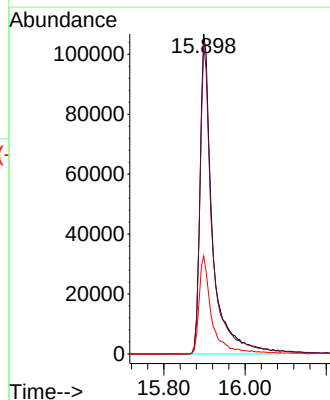
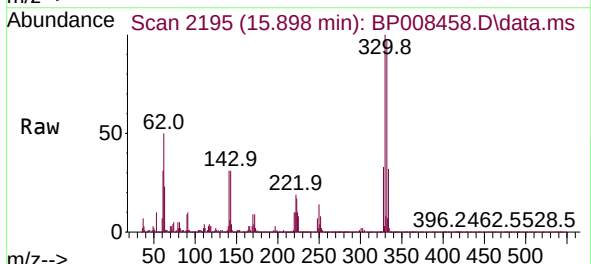
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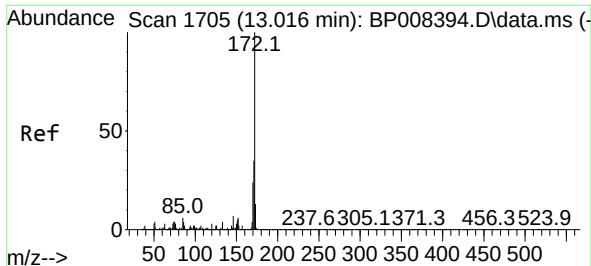
Tgt Ion:237	Resp:	13
Ion Ratio	Lower	Upper
237	100	
235	45.5	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 148.437 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

Tgt Ion:330	Resp:	229173
Ion Ratio	Lower	Upper
330	100	
332	97.1	77.0 115.4
141	31.9	28.4 42.6

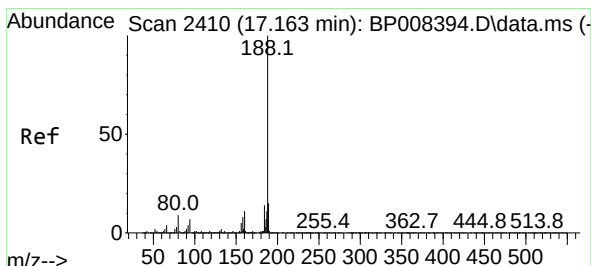
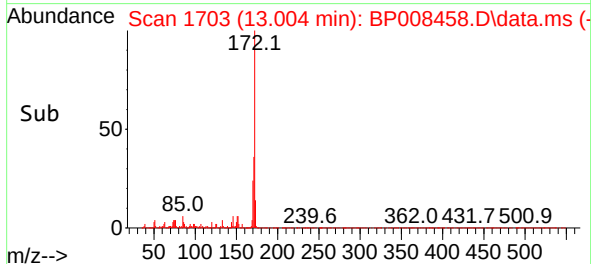
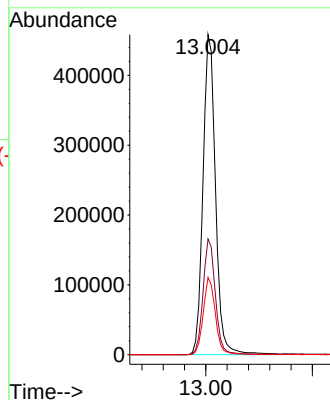
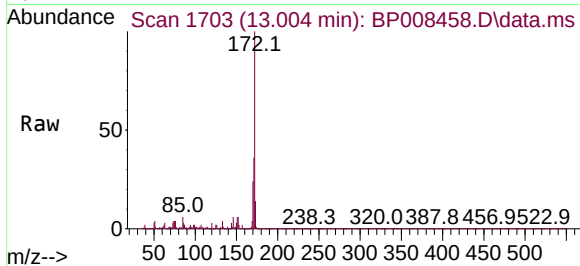




#45
2-Fluorobiphenyl
Concen: 90.541 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

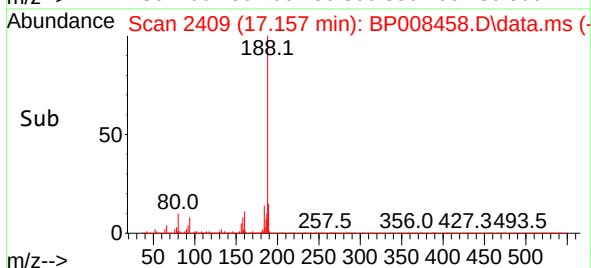
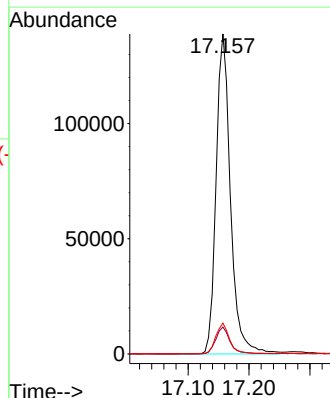
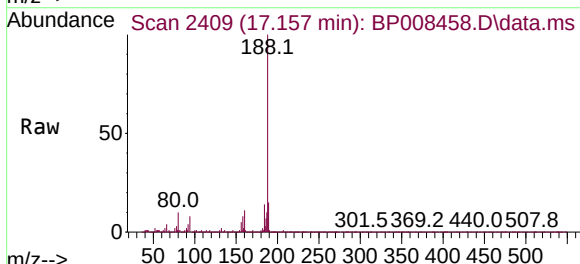
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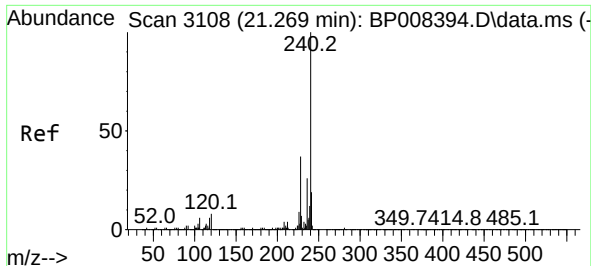
Tgt Ion:172 Resp: 748276
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 24.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

Tgt Ion:188 Resp: 227219
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.7 8.2 12.4

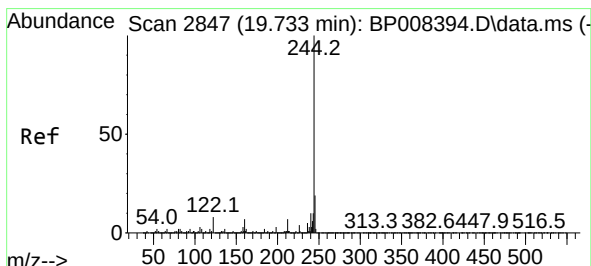
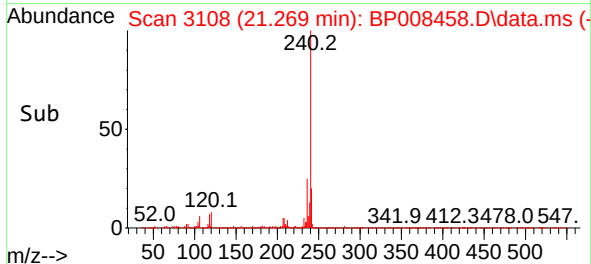
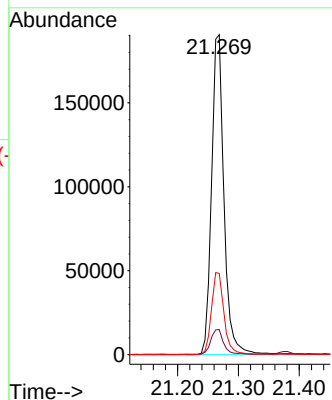
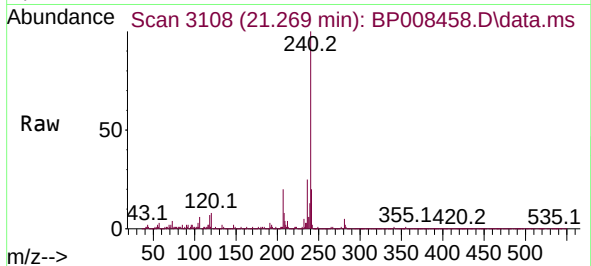




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

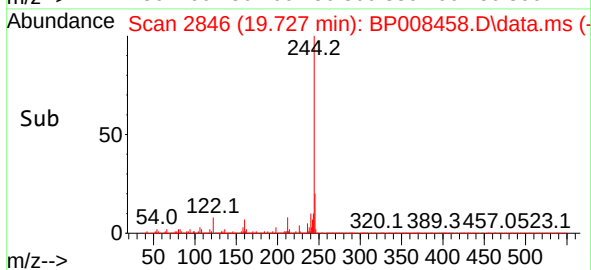
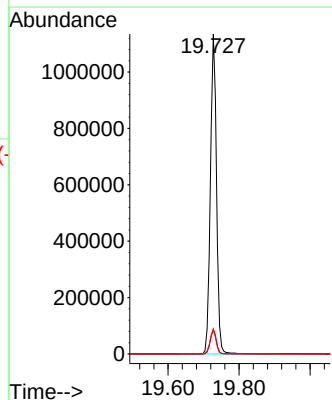
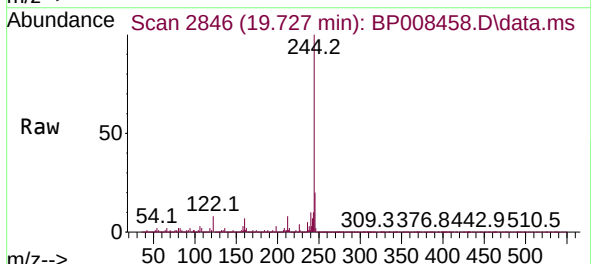
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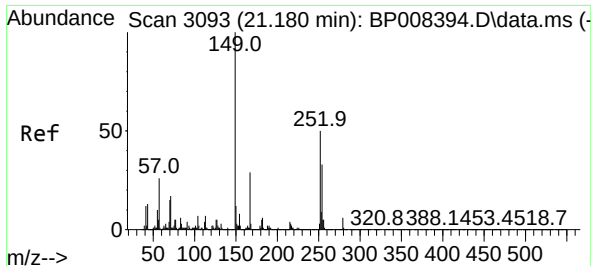
Tgt Ion:240 Resp: 269948
Ion Ratio Lower Upper
240 100
120 7.9 7.3 10.9
236 25.4 21.4 32.2



#79
Terphenyl-d14
Concen: 87.484 ng
RT: 19.727 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

Tgt Ion:244 Resp: 1356942
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.8 6.6 9.8

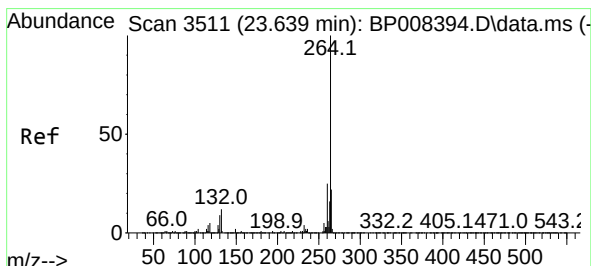
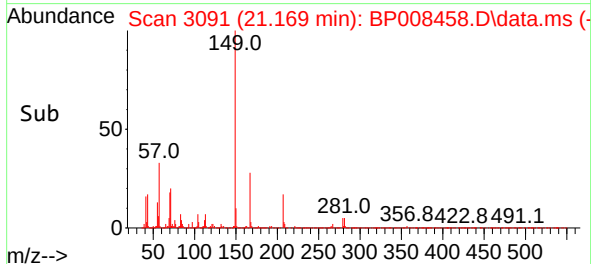
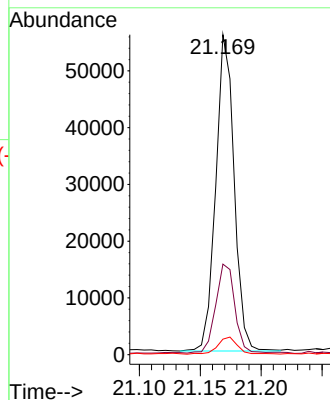
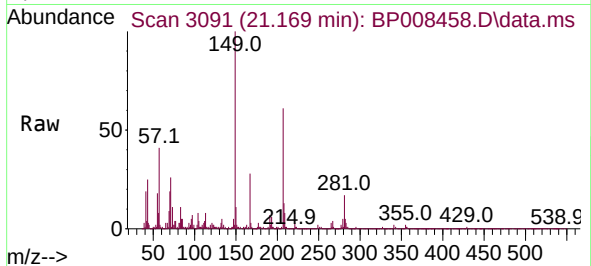




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.912 ng
RT: 21.169 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

Instrument :
BNA_P
ClientSampleId :
TP-8SRE

Tgt Ion:	149	Resp:	58535
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.5	33.7
279	4.9	3.5	5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP008458.D
Acq: 16 Dec 2021 18:14

Tgt Ion:	264	Resp:	326415
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	23.1	17.6	26.4

