

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008447.D
 Acq On : 16 Dec 2021 11:45
 Operator : CG/JU
 Sample : PB141458BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141458BL

Quant Time: Dec 16 14:13:48 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)

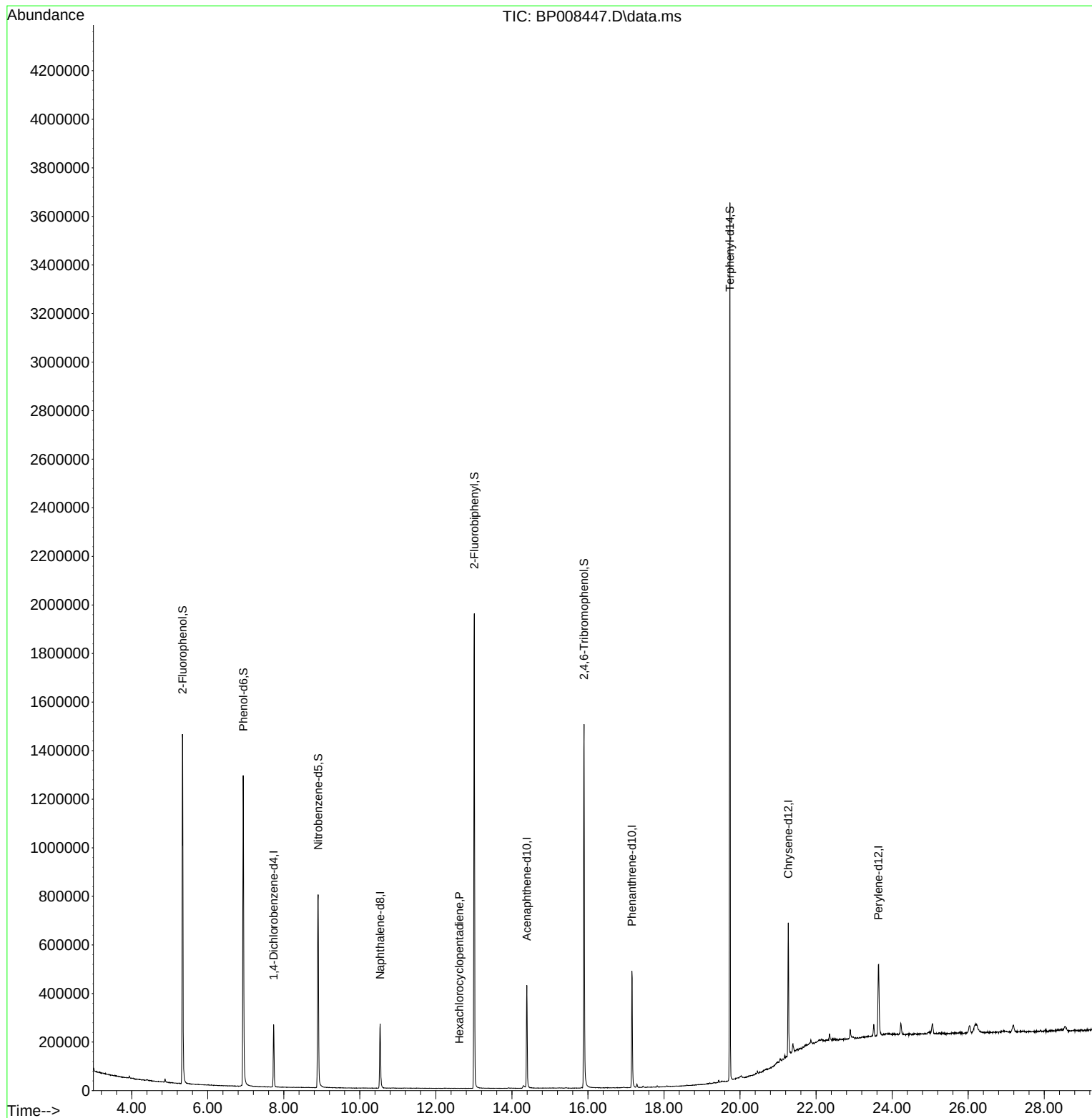
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	62534	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	219943	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	143306	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	316402	20.000	ng	0.00
76) Chrysene-d12	21.269	240	290848	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	268606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	584957	147.725	ng	0.00
7) Phenol-d6	6.934	99	716867	134.795	ng	0.00
23) Nitrobenzene-d5	8.904	82	496314	95.599	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	300204	142.548	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	969530	86.002	ng	0.00
79) Terphenyl-d14	19.733	244	1649904	98.728	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.246	88	121	Below Cal	#	1
9) Benzaldehyde	6.840	77	140	Below Cal	#	23
41) Hexachlorocyclopentadiene	12.616	237	35	8.673 ng		78

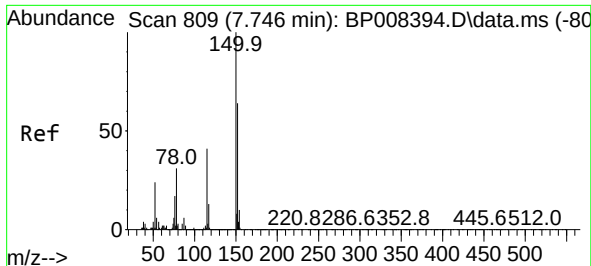
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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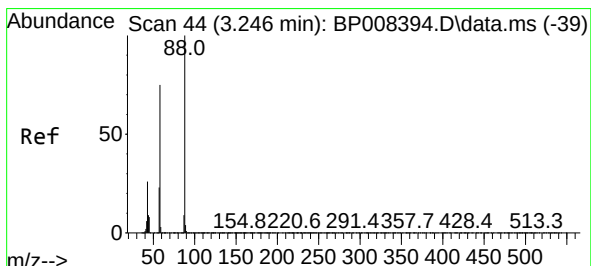
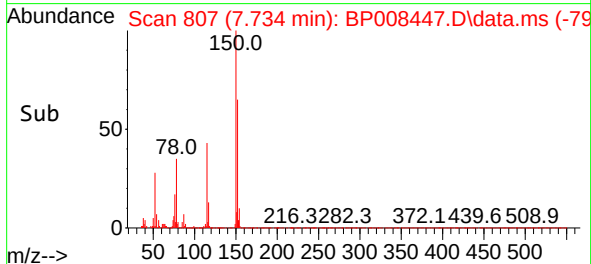
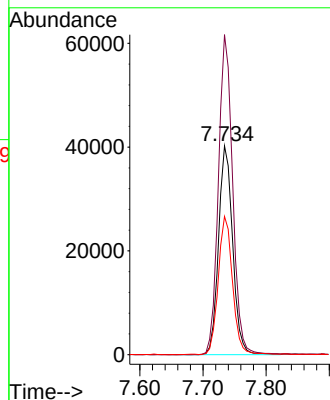
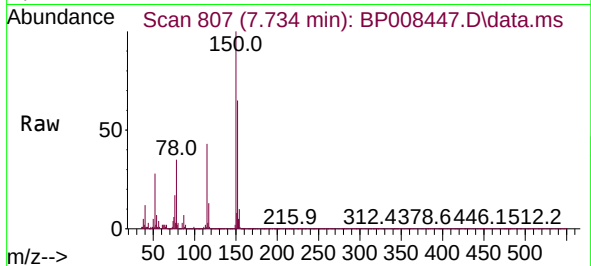




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.734 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP008447.D
 Acq: 16 Dec 2021 11:45

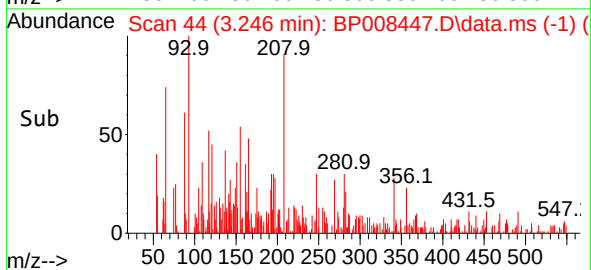
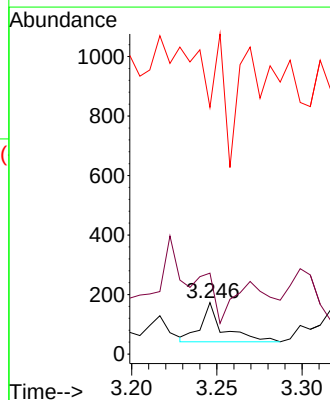
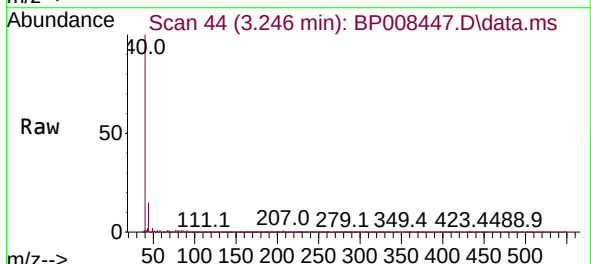
Instrument :
 BNA_P
 ClientSampleId :
 PB141458BL

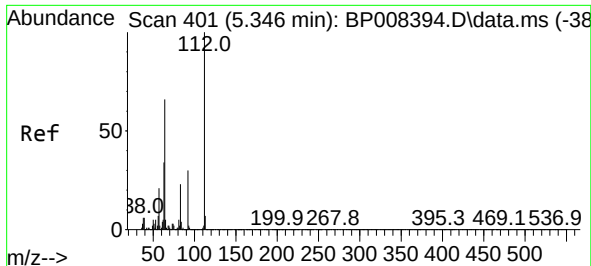
Tgt Ion:152 Resp: 62534
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.7 188.5
 115 66.2 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.246 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BP008447.D
 Acq: 16 Dec 2021 11:45

Tgt Ion: 88 Resp: 121
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 1053.7 23.4 35.2#

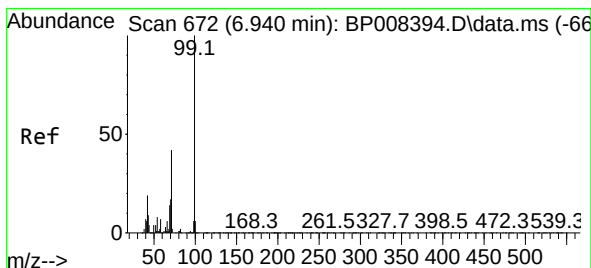
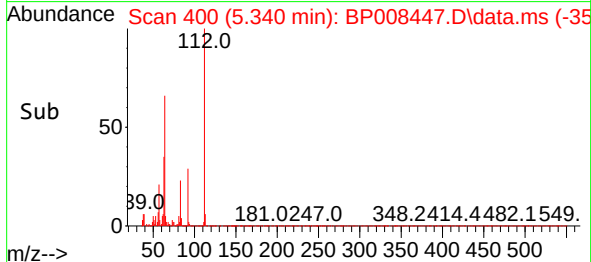
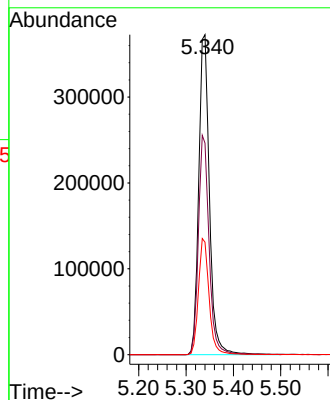
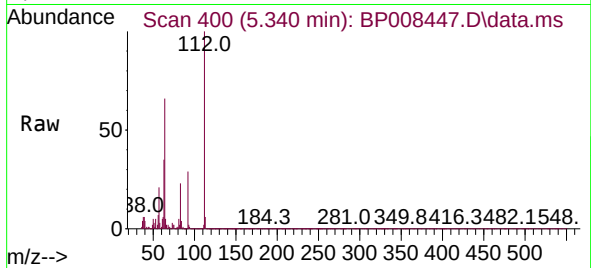




#5
2-Fluorophenol
Concen: 147.725 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

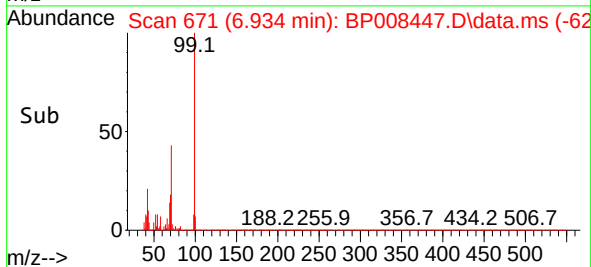
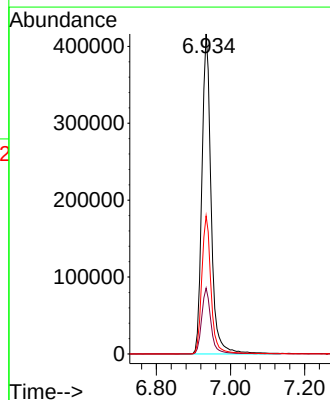
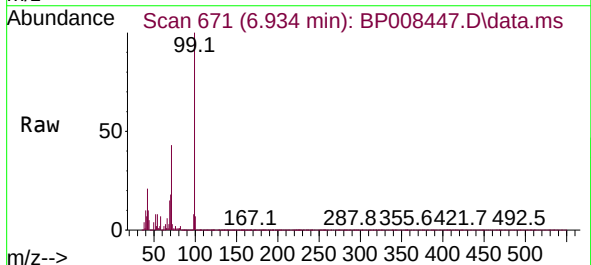
Instrument :
BNA_P
ClientSampleId :
PB141458BL

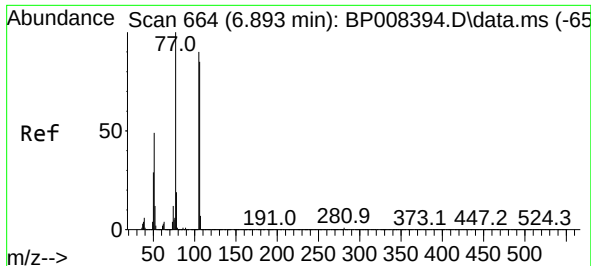
Tgt Ion:112 Resp: 584957
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 35.2 27.8 41.8



#7
Phenol-d6
Concen: 134.795 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

Tgt Ion: 99 Resp: 716867
Ion Ratio Lower Upper
99 100
42 20.6 14.6 22.0
71 43.2 31.1 46.7

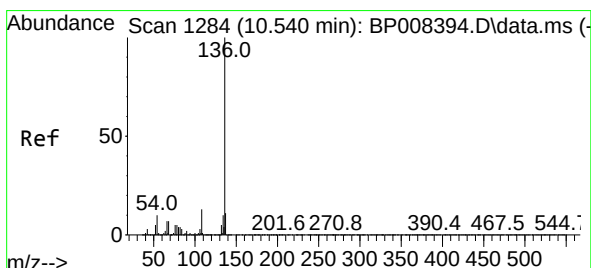
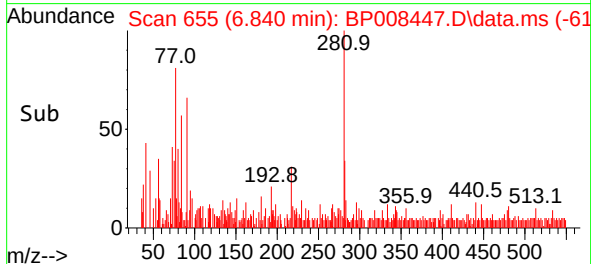
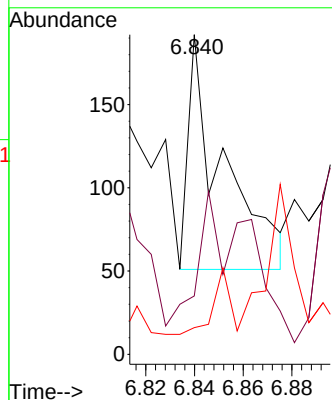
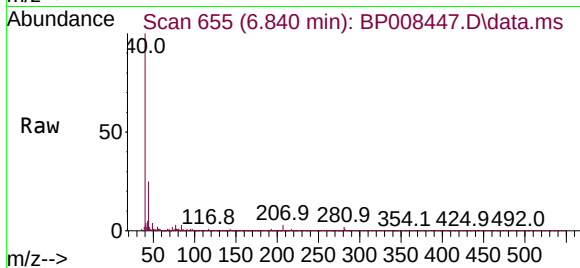




#9
Benzaldehyde
Concen: Below Cal
RT: 6.840 min Scan# 61
Delta R.T. -0.053 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

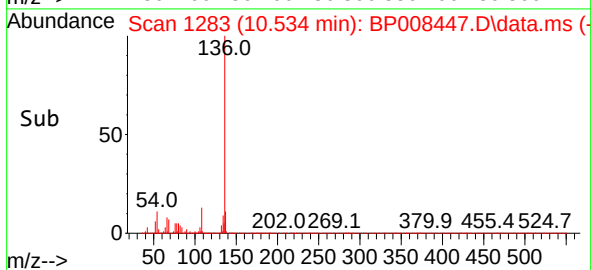
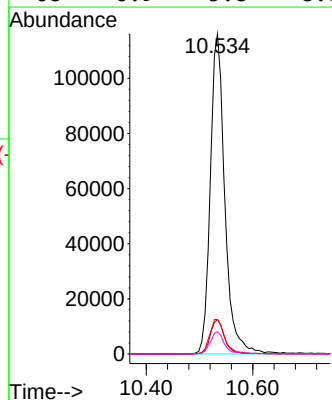
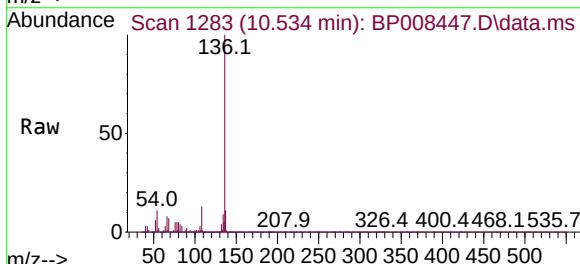
Instrument :
BNA_P
ClientSampleId :
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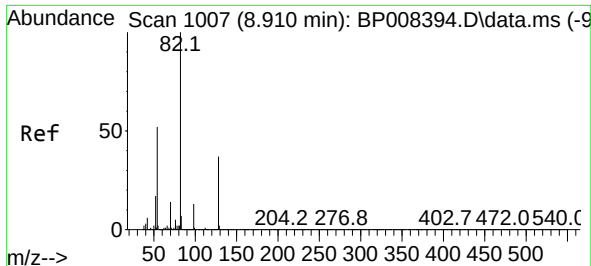
Tgt Ion: 77 Resp: 140
Ion Ratio Lower Upper
77 100
105 26.6 71.8 111.8#
106 8.3 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

Tgt Ion: 136 Resp: 219943
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.8 8.2 12.4
68 6.9 5.8 8.8

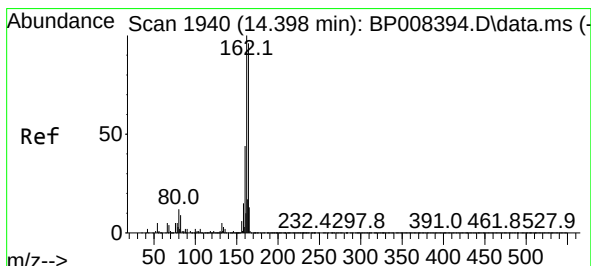
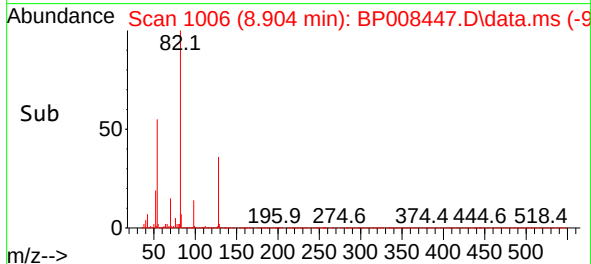
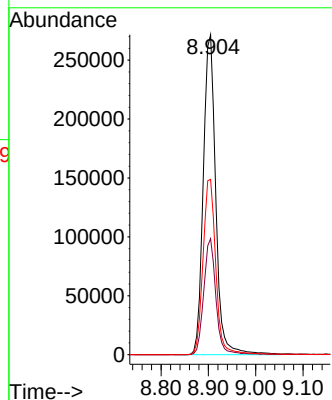
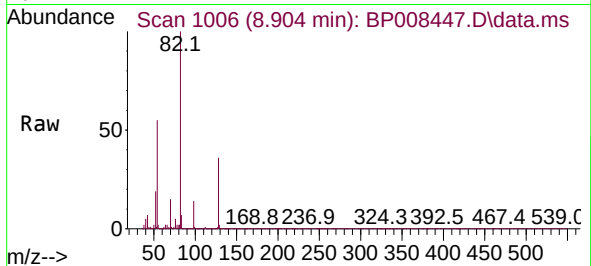




#23
Nitrobenzene-d5
Concen: 95.599 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

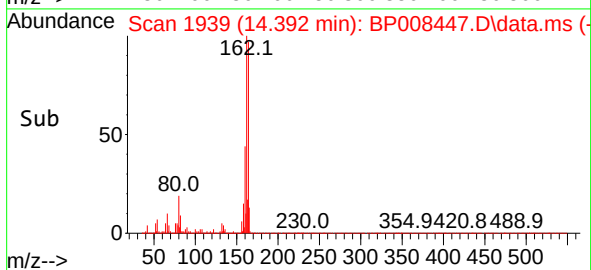
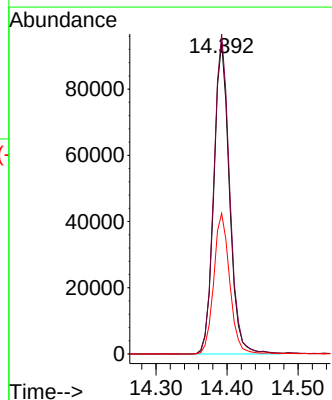
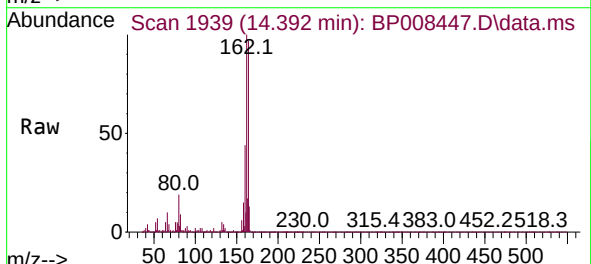
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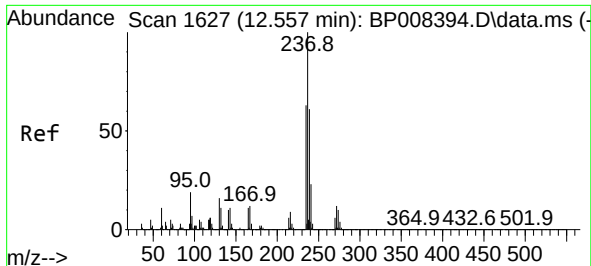
Tgt Ion: 82 Resp: 496314
Ion Ratio Lower Upper
82 100
128 36.2 29.6 44.4
54 54.8 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

Tgt Ion:164 Resp: 143306
Ion Ratio Lower Upper
164 100
162 102.6 81.9 122.9
160 45.0 35.4 53.0

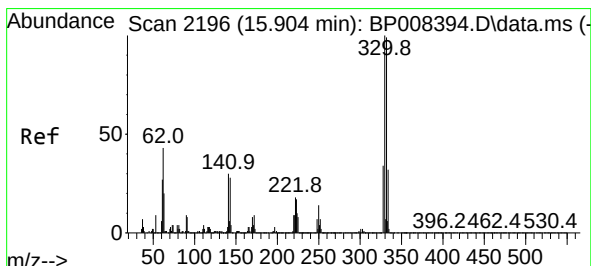
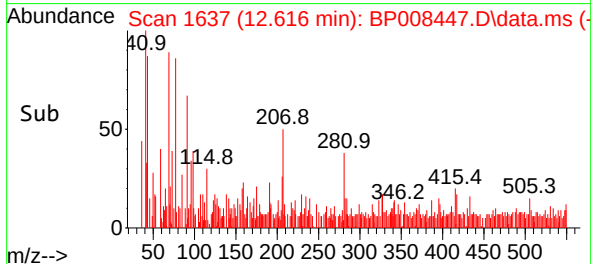
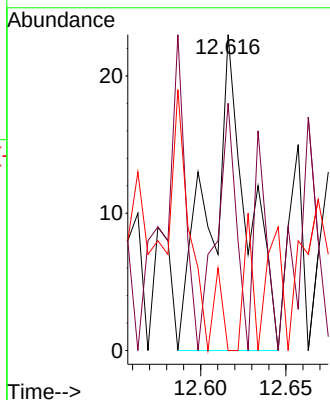
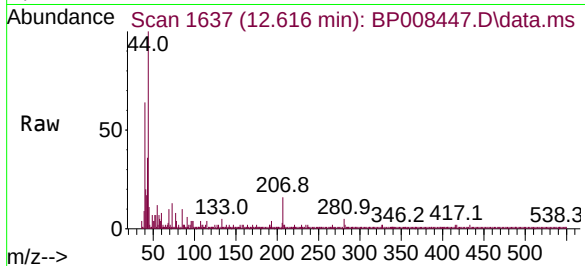




#41
Hexachlorocyclopentadiene
Concen: 8.673 ng
RT: 12.616 min Scan# 1637
Delta R.T. 0.059 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

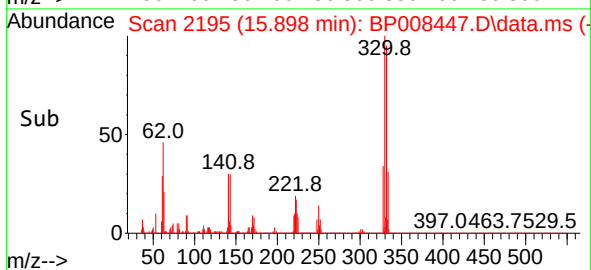
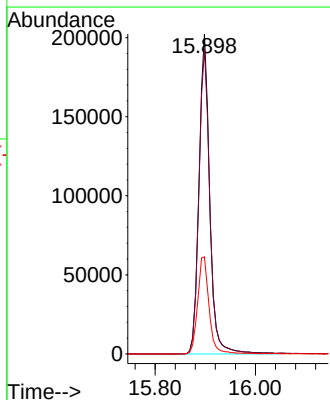
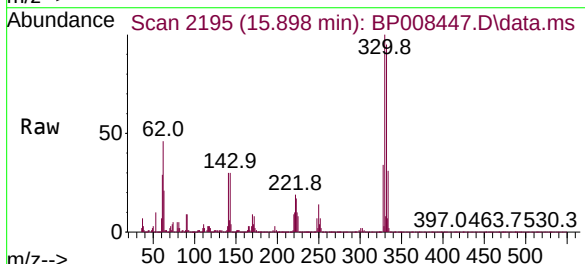
Instrument :
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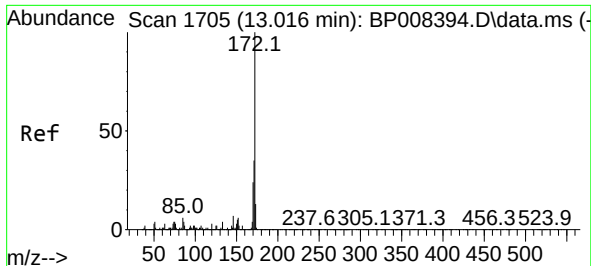
Tgt Ion:	237	Resp:	35
Ion Ratio	Lower	Upper	
237	100		
235	78.3	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 142.548 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

Tgt Ion:	330	Resp:	300204
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.0	115.4
141	32.3	28.4	42.6

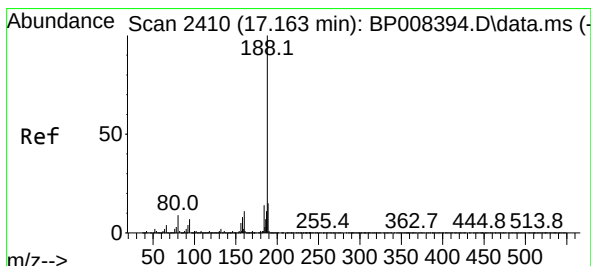
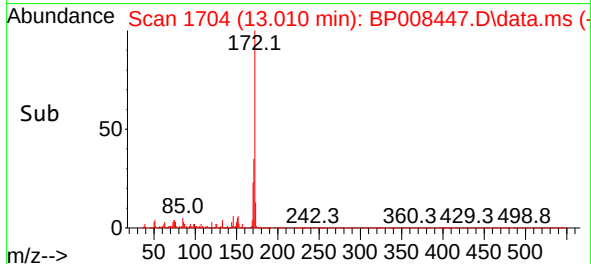
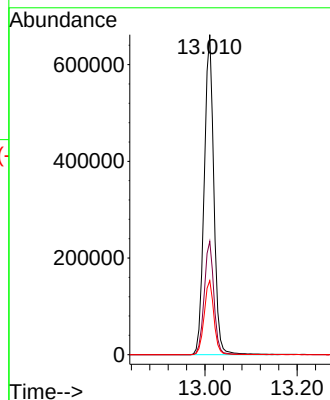
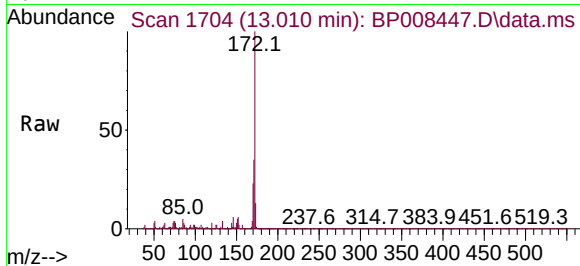




#45
2-Fluorobiphenyl
Concen: 86.002 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

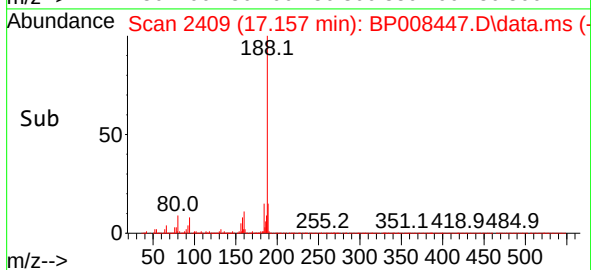
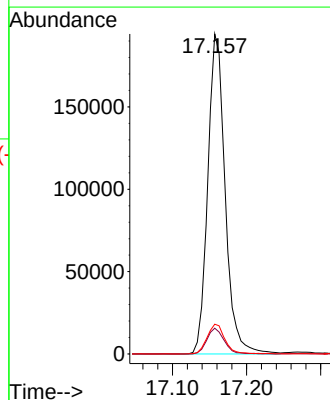
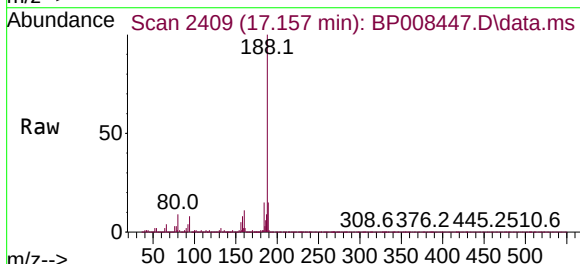
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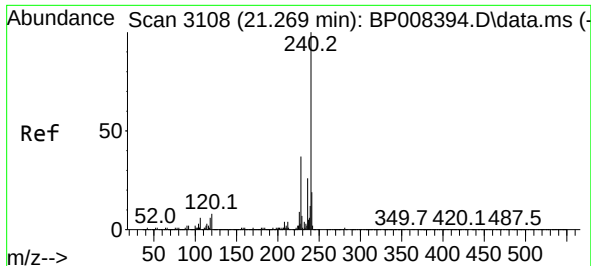
Tgt Ion:172 Resp: 969530
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

Tgt Ion:188 Resp: 316402
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.3 8.2 12.4

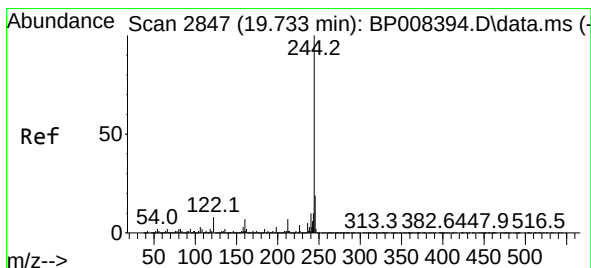
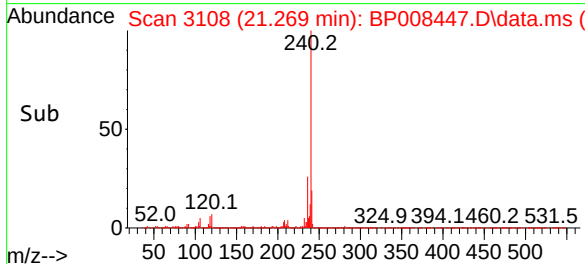
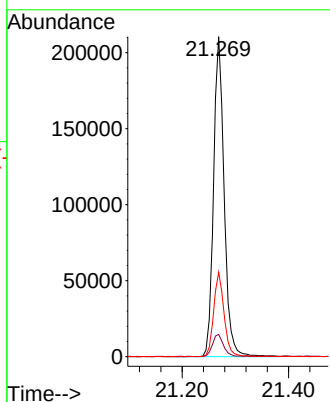
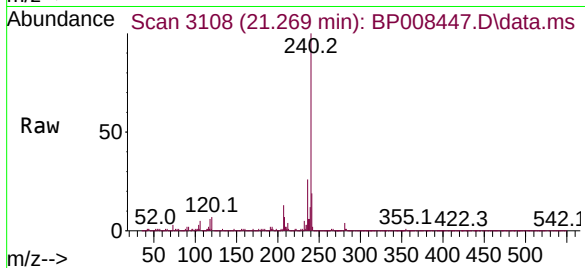




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

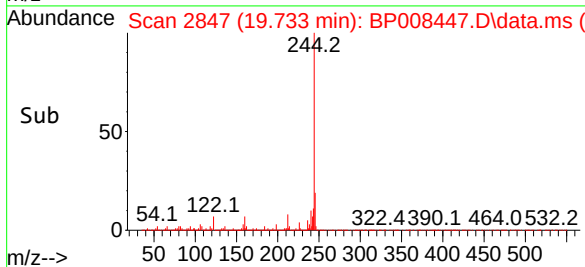
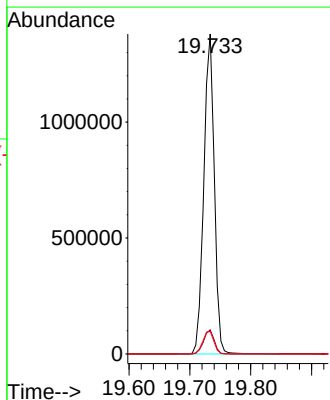
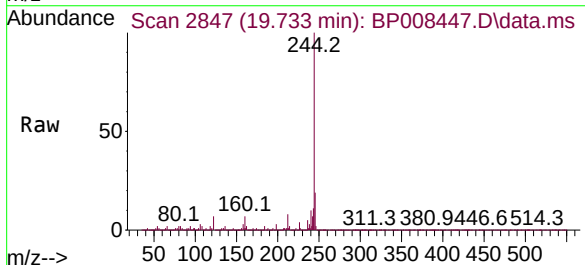
Instrument :
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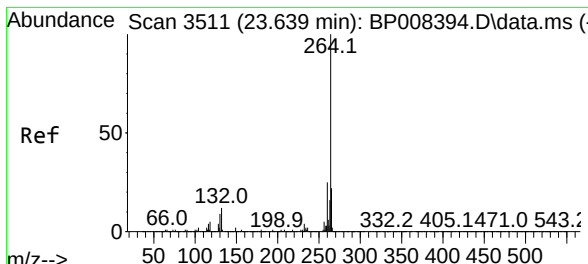
Tgt Ion:240 Resp: 290848
Ion Ratio Lower Upper
240 100
120 7.0 7.3 10.9#
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 98.728 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008447.D
Acq: 16 Dec 2021 11:45

Tgt Ion:244 Resp: 1649904
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.1 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: BP008447.D
Acq: 16 Dec 2021 11:45

Instrument :
BNA_P
ClientSampleId :
PB141458BL

Tgt Ion:264 Resp: 268606

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	17.6	26.4

