

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008437.D
 Acq On : 16 Dec 2021 04:32
 Operator : CG/JU
 Sample : M5074-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-1

Quant Time: Dec 16 06:48:44 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)

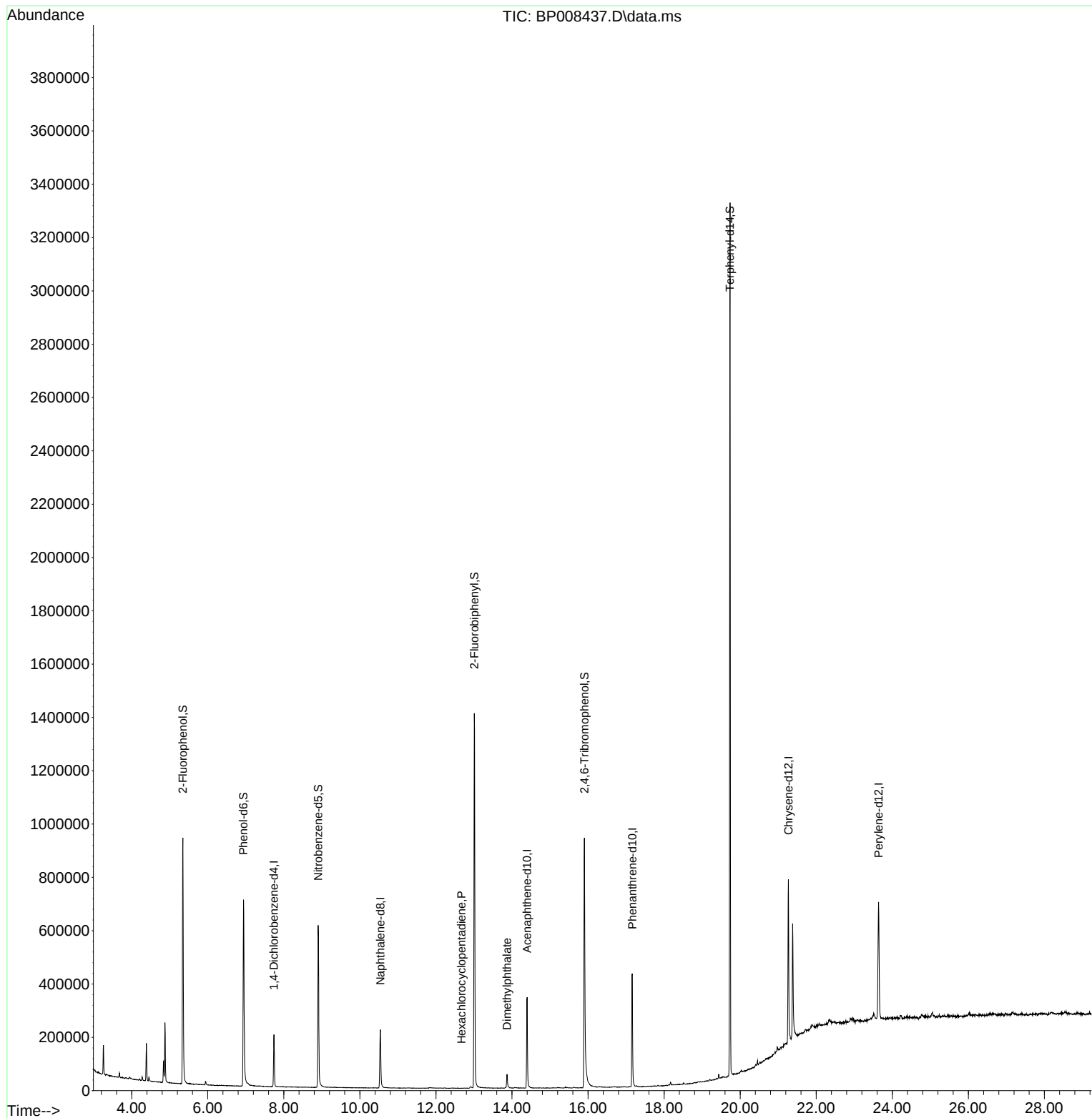
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	49371	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	186179	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	128539	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	280198	20.000	ng	0.00
76) Chrysene-d12	21.269	240	321507	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	358663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	383487	122.667	ng	0.00
7) Phenol-d6	6.940	99	436540	103.969	ng	0.00
23) Nitrobenzene-d5	8.905	82	384928	87.590	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	232716	123.197	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	759571	75.118	ng	0.00
79) Terphenyl-d14	19.733	244	1504189	81.425	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	116	Below Cal	#	10
9) Benzaldehyde	6.875	77	82	Below Cal	#	61
41) Hexachlorocyclopentadiene	12.675	237	23	8.667	ng	84
50) Dimethylphthalate	13.869	163	38243	3.930	ng	# 97

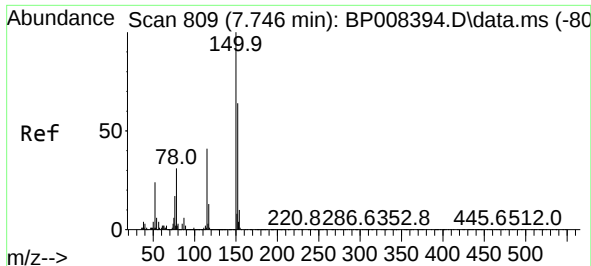
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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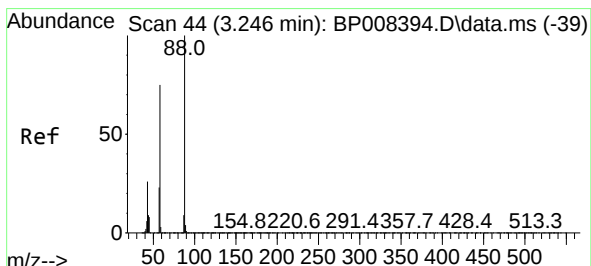
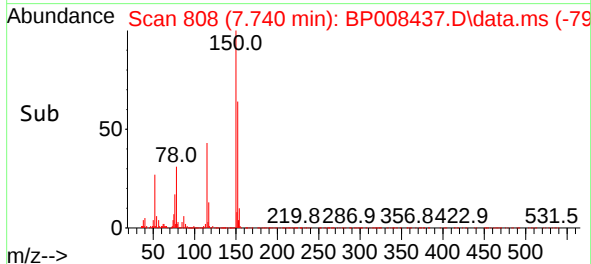
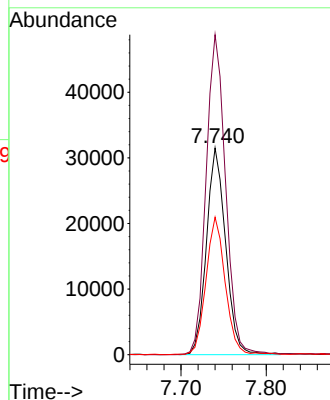
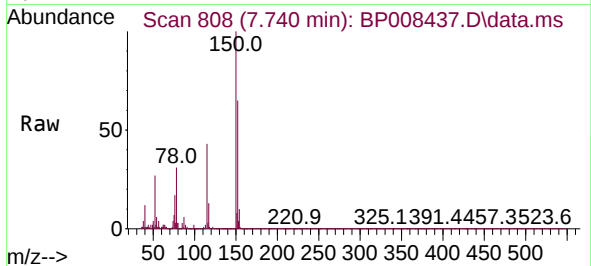




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP008437.D
 Acq: 16 Dec 2021 04:32

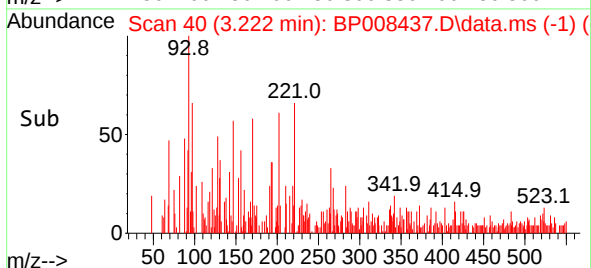
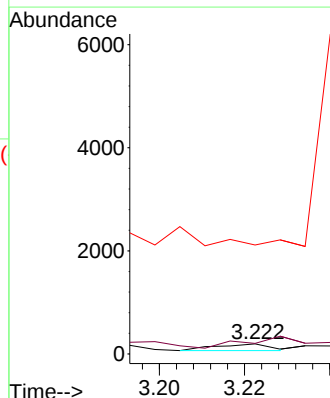
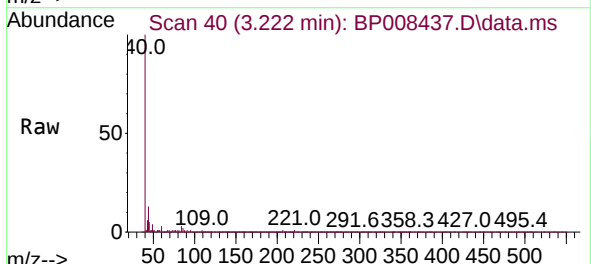
Instrument :
 BNA_P
 ClientSampleId :
 CS-1

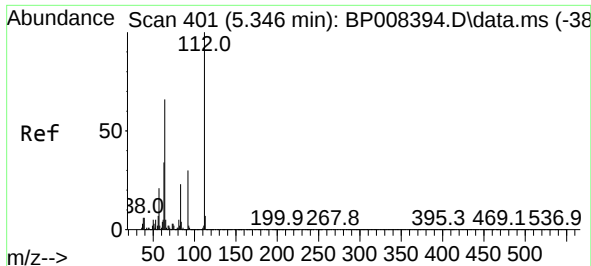
Tgt Ion:152 Resp: 49371
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.7 188.5
 115 66.5 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.222 min Scan# 40
 Delta R.T. -0.024 min
 Lab File: BP008437.D
 Acq: 16 Dec 2021 04:32

Tgt Ion: 88 Resp: 116
 Ion Ratio Lower Upper
 88 100
 58 169.8 63.5 95.3#
 43 0.0 23.4 35.2#

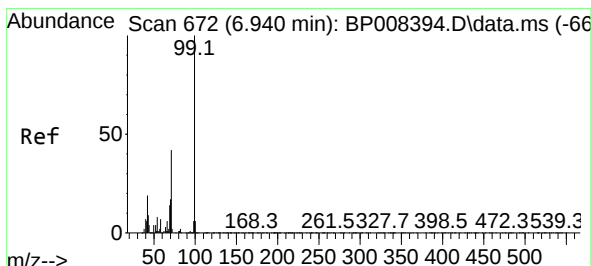
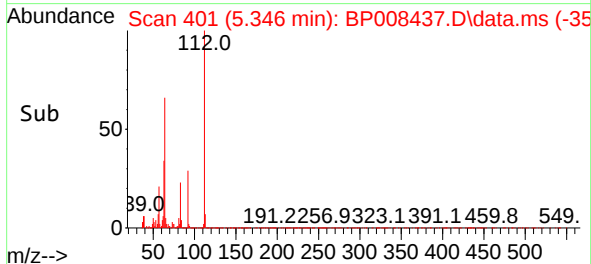
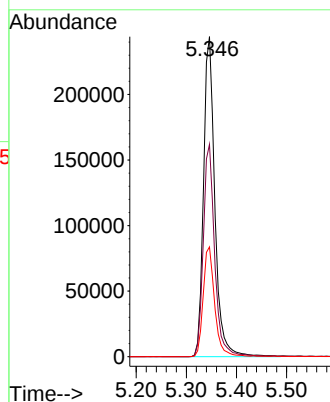
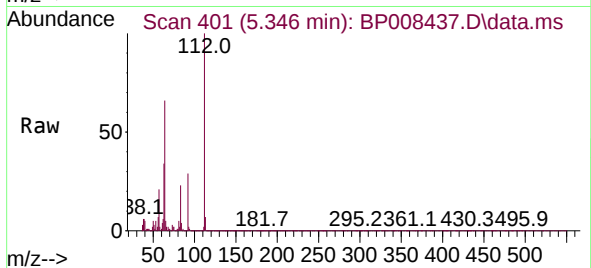




#5
2-Fluorophenol
Concen: 122.667 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

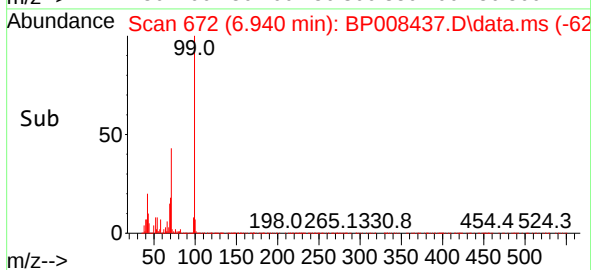
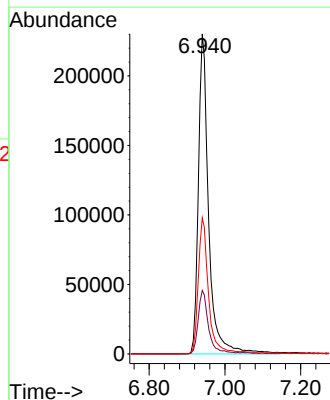
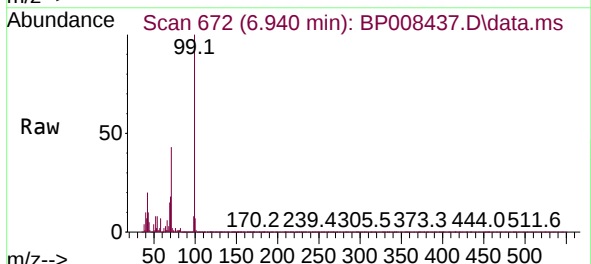
Instrument :
BNA_P
ClientSampleId :
CS-1

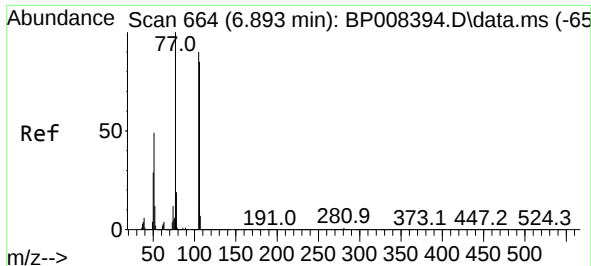
Tgt Ion: 112 Resp: 383487
Ion Ratio Lower Upper
112 100
64 66.4 53.4 80.2
63 34.3 27.8 41.8



#7
Phenol-d6
Concen: 103.969 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

Tgt Ion: 99 Resp: 436540
Ion Ratio Lower Upper
99 100
42 19.9 14.6 22.0
71 42.6 31.1 46.7

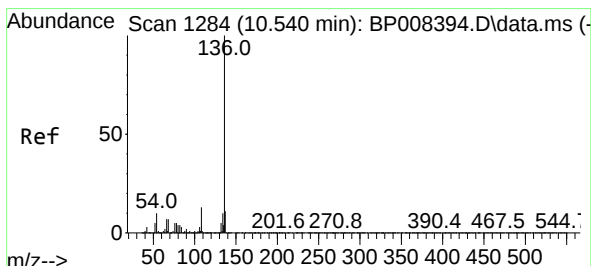
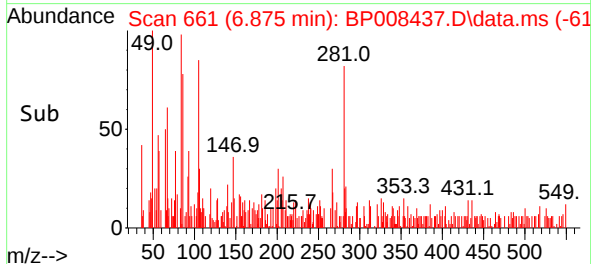
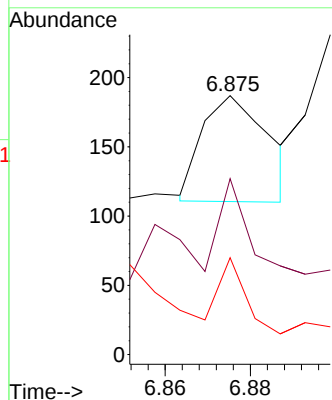
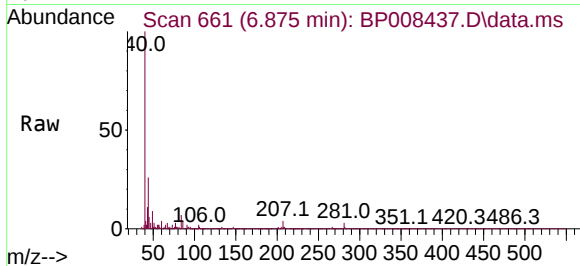




#9
Benzaldehyde
Concen: Below Cal
RT: 6.875 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

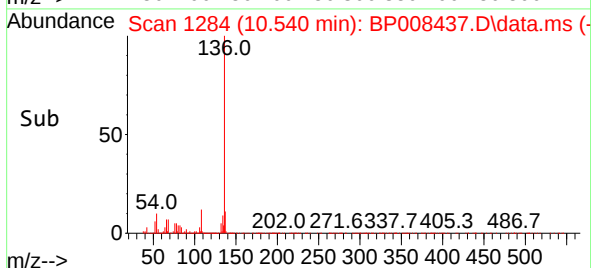
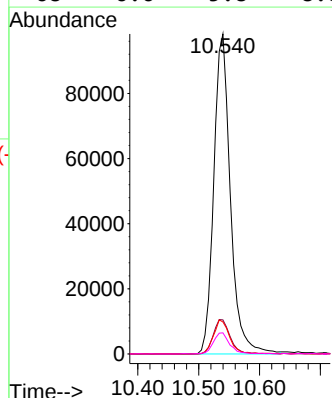
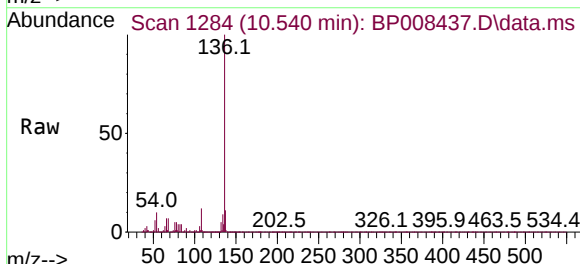
Instrument :
BNA_P
ClientSampleId :
CS-1

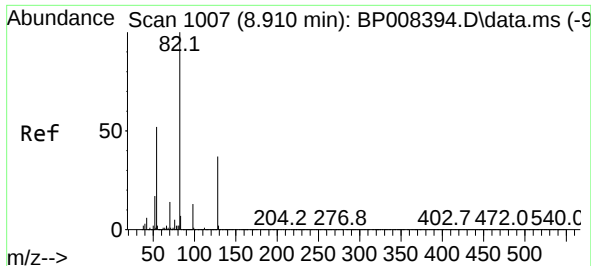
Tgt Ion: 77 Resp: 82
Ion Ratio Lower Upper
77 100
105 67.9 71.8 111.8#
106 37.4 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

Tgt Ion: 136 Resp: 186179
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.0 8.2 12.4
68 6.6 5.8 8.8





#23

Nitrobenzene-d5

Concen: 87.590 ng

RT: 8.905 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008437.D

Acq: 16 Dec 2021 04:32

Instrument :

BNA_P

ClientSampleId :

CS-1

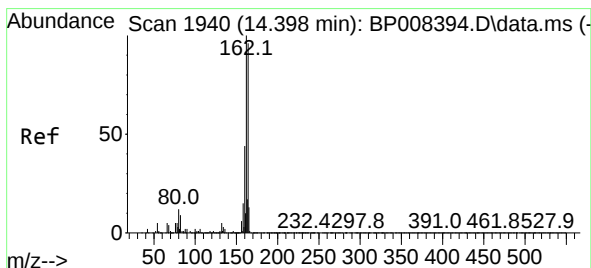
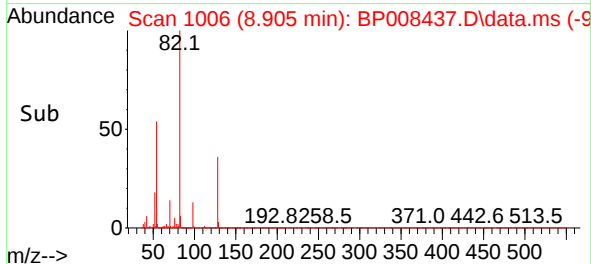
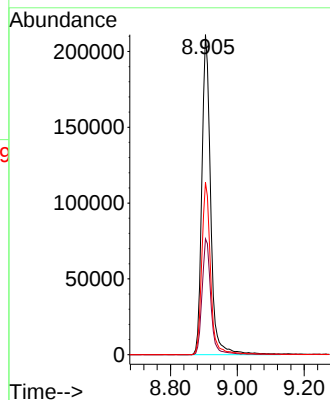
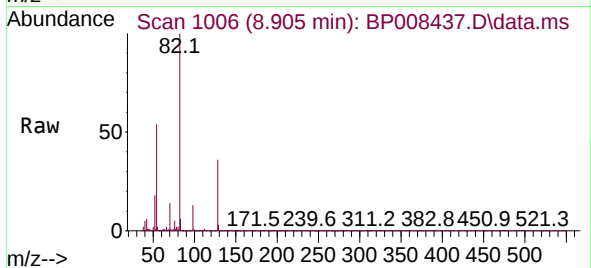
Tgt Ion: 82 Resp: 384928

Ion Ratio Lower Upper

82 100

128 36.2 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: BP008437.D

Acq: 16 Dec 2021 04:32

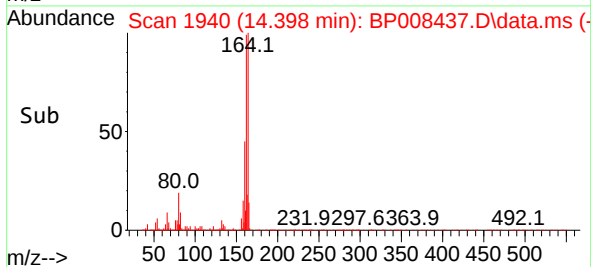
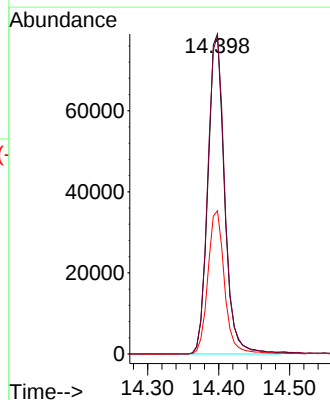
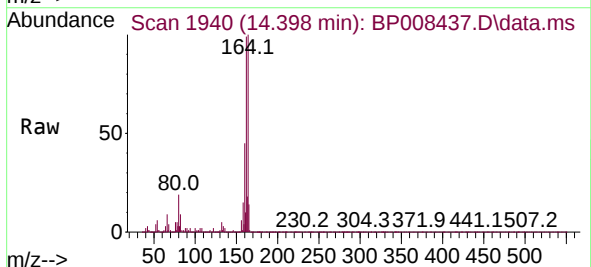
Tgt Ion:164 Resp: 128539

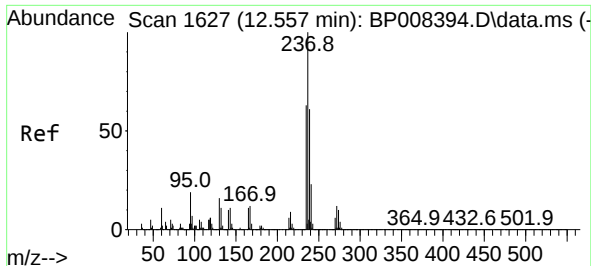
Ion Ratio Lower Upper

164 100

162 99.4 81.9 122.9

160 44.7 35.4 53.0

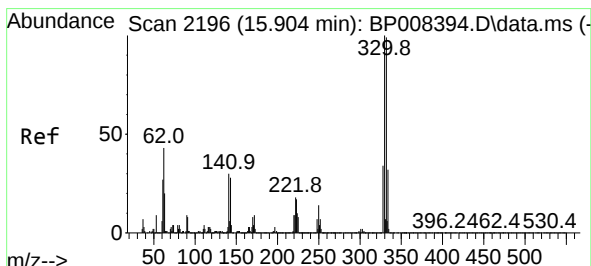
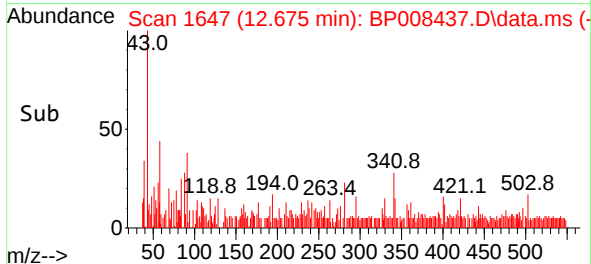
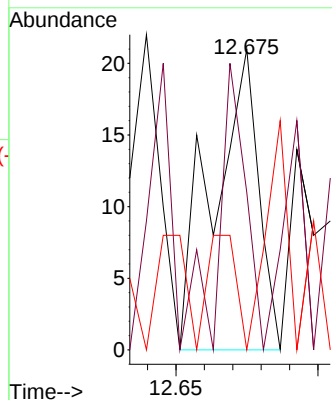
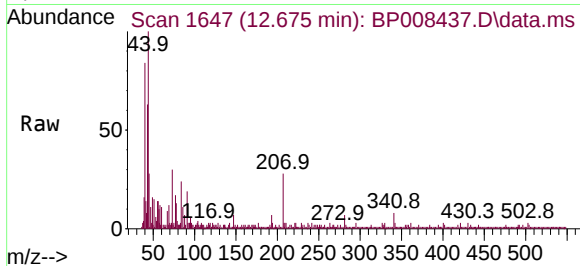




#41
Hexachlorocyclopentadiene
Concen: 8.667 ng
RT: 12.675 min Scan# 1
Delta R.T. 0.118 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

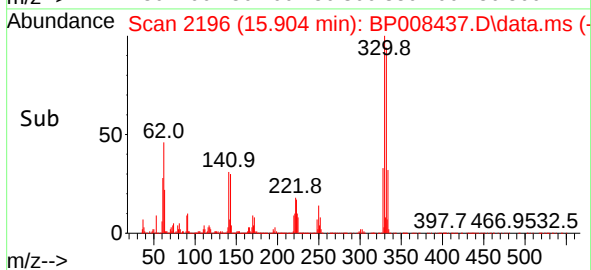
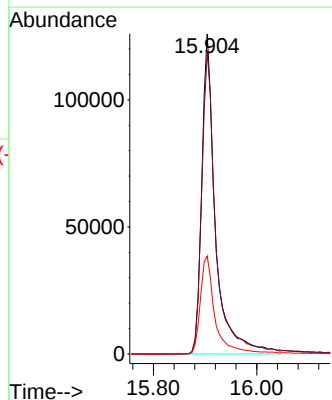
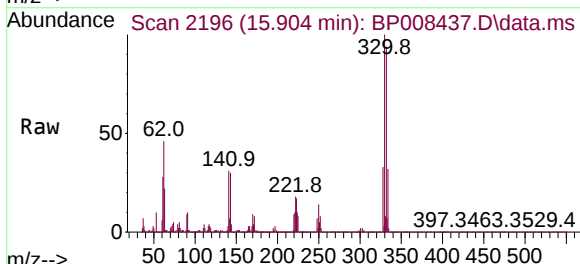
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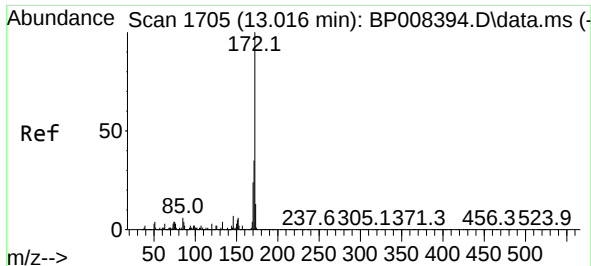
Tgt Ion:	237	Resp:	23
Ion	Ratio	Lower	Upper
237	100		
235	52.4	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 123.197 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

Tgt Ion:	330	Resp:	232716
Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.4
141	32.8	28.4	42.6

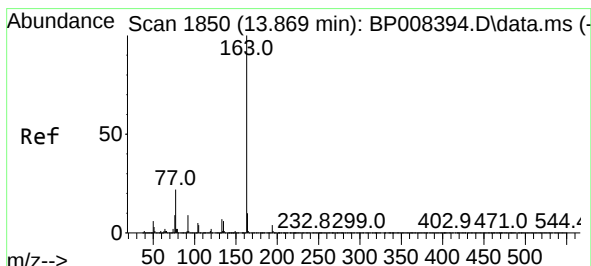
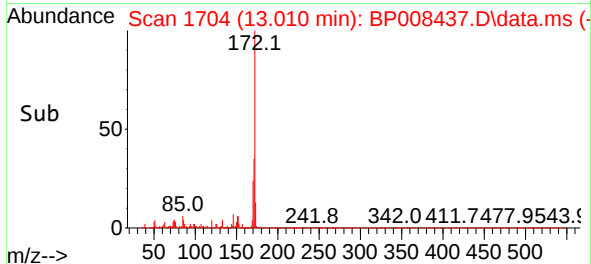
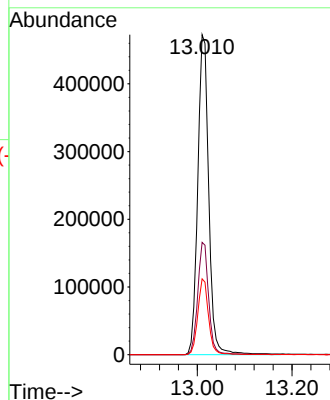
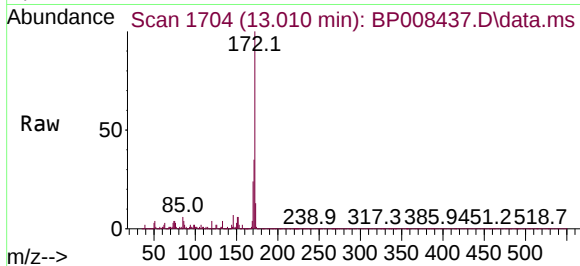




#45
2-Fluorobiphenyl
Concen: 75.118 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

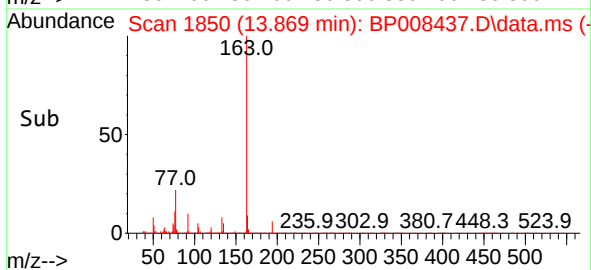
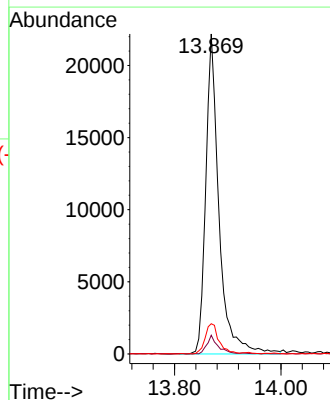
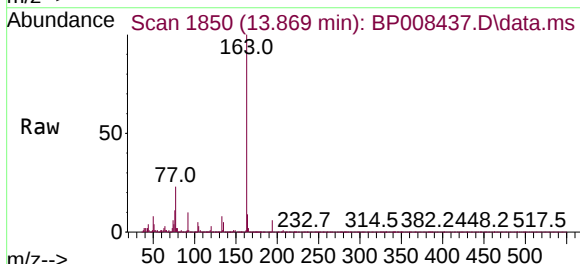
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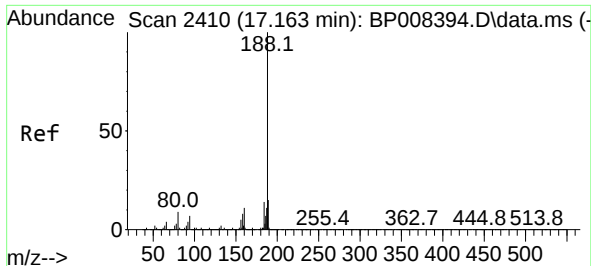
Tgt Ion:172 Resp: 759571
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.7 18.9 28.3



#50
Dimethylphthalate
Concen: 3.930 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

Tgt Ion:163 Resp: 38243
Ion Ratio Lower Upper
163 100
194 5.8 3.4 5.2#
164 9.5 8.2 12.2

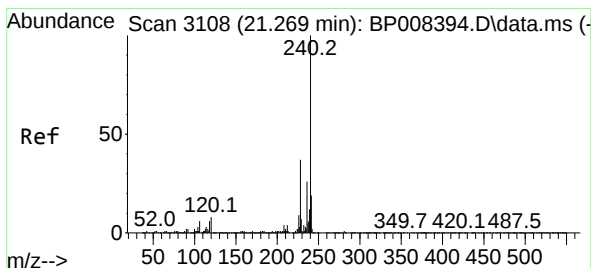
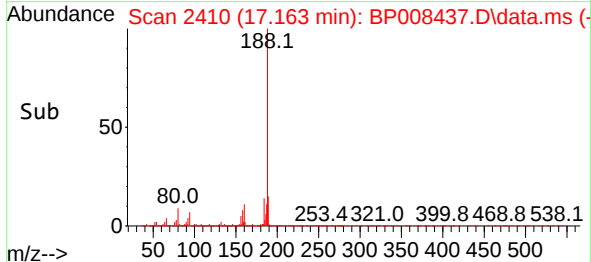
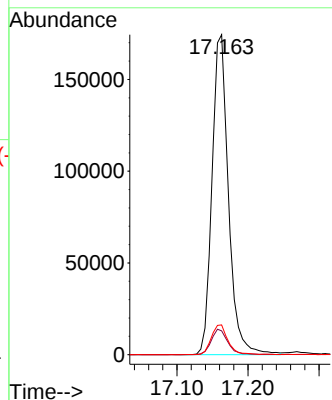
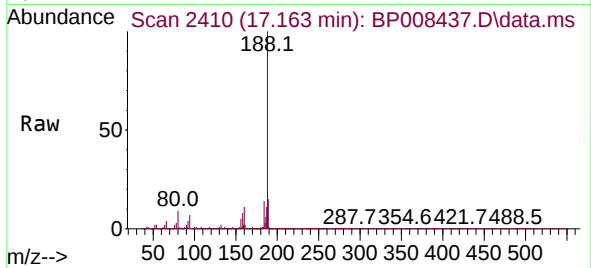




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

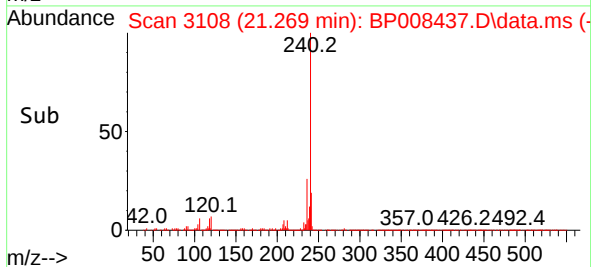
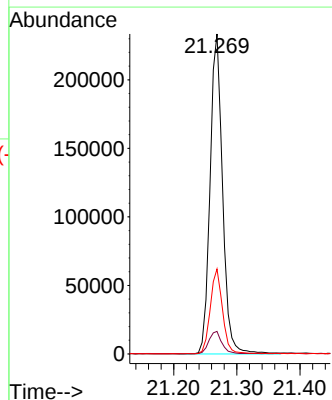
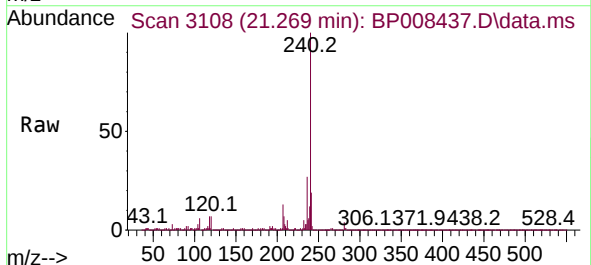
Instrument :
BNA_P
ClientSampleId :
CS-1

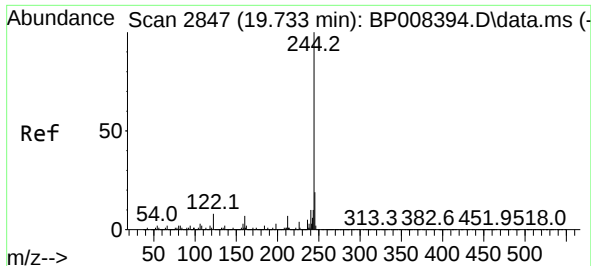
Tgt Ion:188 Resp: 280198
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 9.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008437.D
Acq: 16 Dec 2021 04:32

Tgt Ion:240 Resp: 321507
Ion Ratio Lower Upper
240 100
120 7.0 7.3 10.9#
236 26.5 21.4 32.2



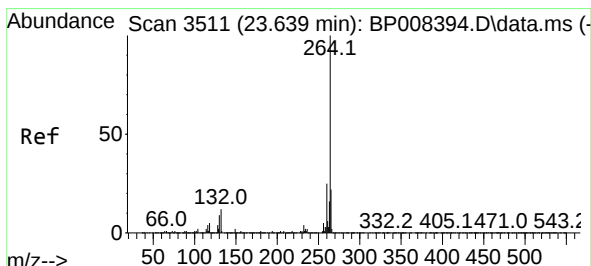
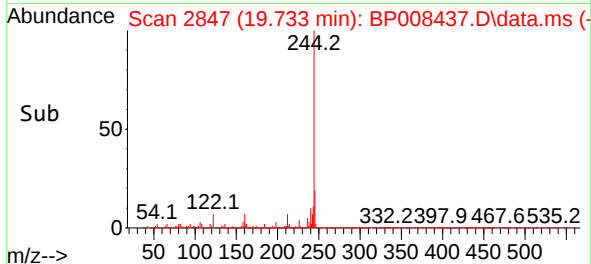
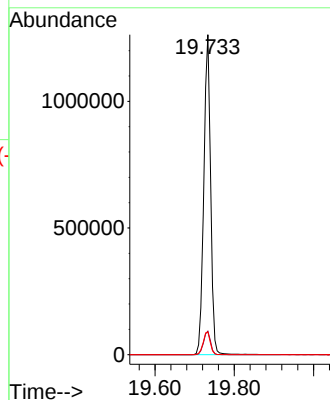
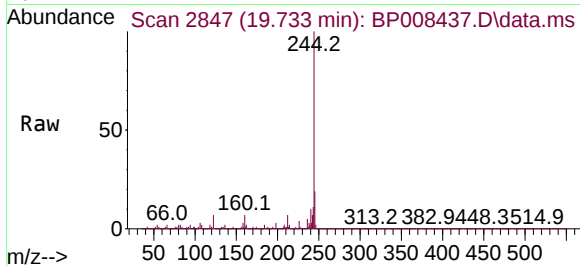


#79
 Terphenyl-d14
 Concen: 81.425 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BP008437.D
 Acq: 16 Dec 2021 04:32

Instrument :
 BNA_P
 ClientSampleId :
 CS-1

Tgt Ion:244 Resp: 1504189

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.1	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: BP008437.D
 Acq: 16 Dec 2021 04:32

Tgt Ion:264 Resp: 358663

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.9	17.6	26.4

