

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008442.D
 Acq On : 16 Dec 2021 07:21
 Operator : CG/JU
 Sample : M4927-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PH1-BOT-14

Quant Time: Dec 16 07:57:18 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)

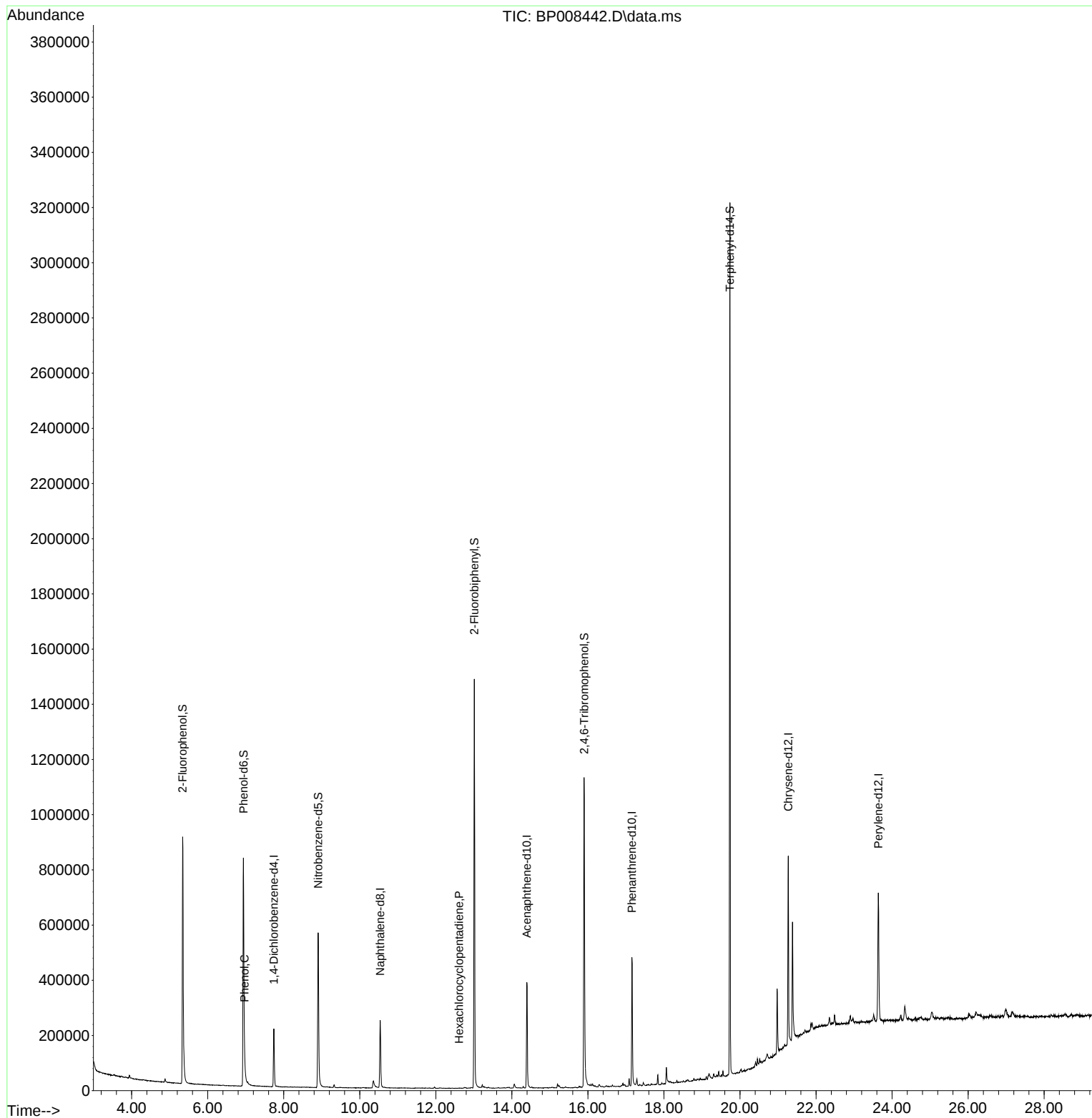
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	54733	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	204814	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	138070	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	301542	20.000	ng	0.00
76) Chrysene-d12	21.269	240	341086	20.000	ng	0.00
86) Perylene-d12	23.639	264	378267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	410463	118.433	ng	0.00
7) Phenol-d6	6.940	99	529691	113.795	ng	0.00
23) Nitrobenzene-d5	8.905	82	363573	75.203	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	240499	118.528	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	755633	69.570	ng	0.00
79) Terphenyl-d14	19.733	244	1416608	72.282	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	117	Below Cal	#	1
9) Benzaldehyde	6.887	77	81	Below Cal	#	30
10) Phenol	6.969	94	13759	2.911	ng	# 60
41) Hexachlorocyclopentadiene	12.610	237	17	8.662	ng	75

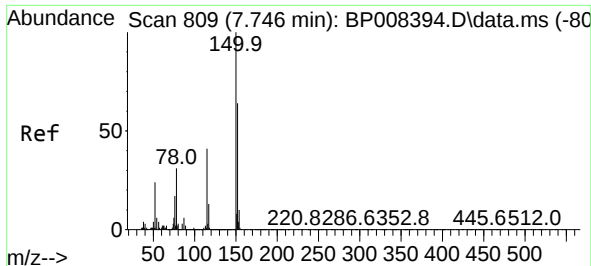
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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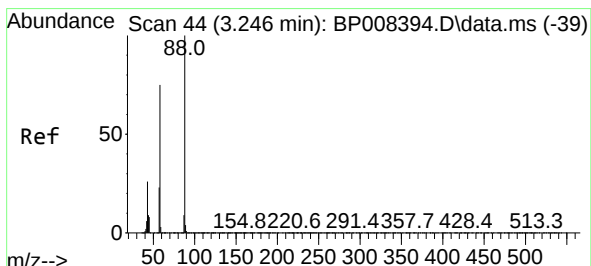
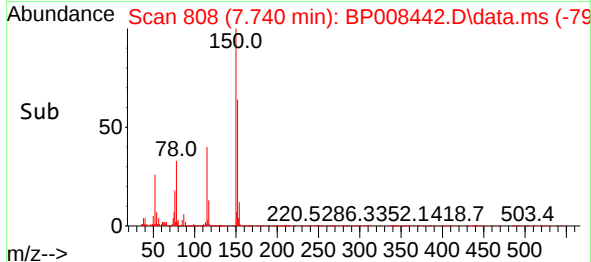
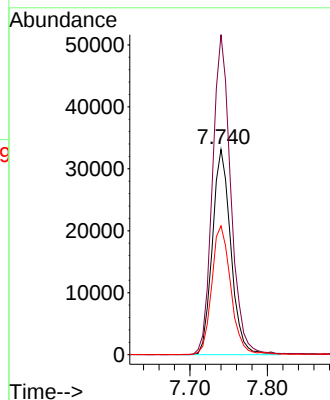
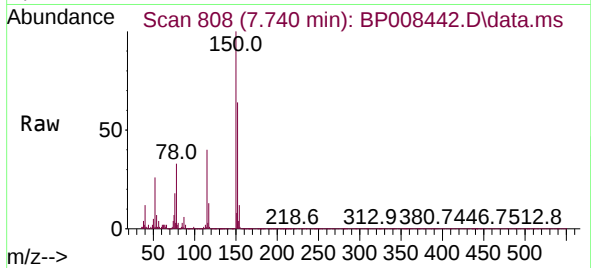




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

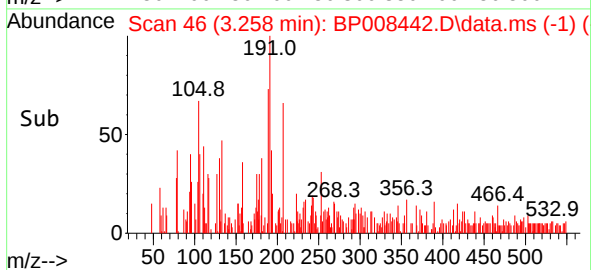
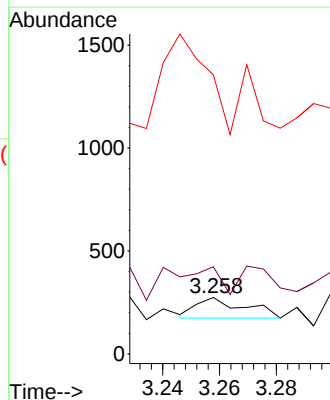
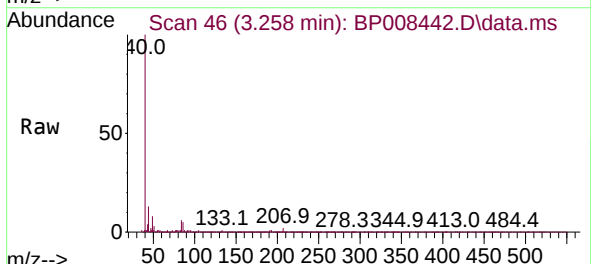
Instrument :
BNA_P
ClientSampleId :
PH1-BOT-14

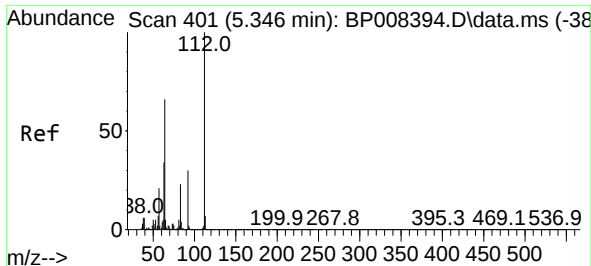
Tgt Ion:152 Resp: 54733
Ion Ratio Lower Upper
152 100
150 155.8 125.7 188.5
115 62.7 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.258 min Scan# 46
Delta R.T. 0.012 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

Tgt Ion: 88 Resp: 117
Ion Ratio Lower Upper
88 100
58 179.5 63.5 95.3#
43 451.3 23.4 35.2#

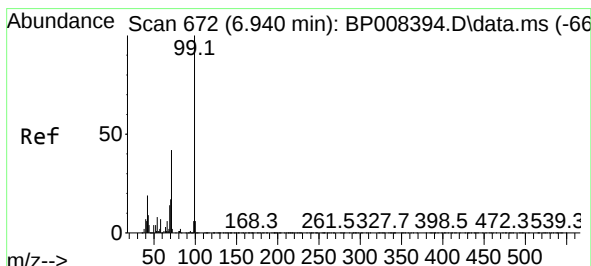
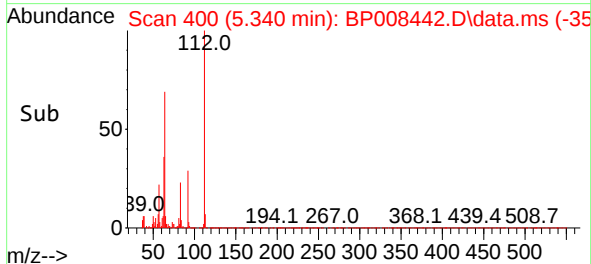
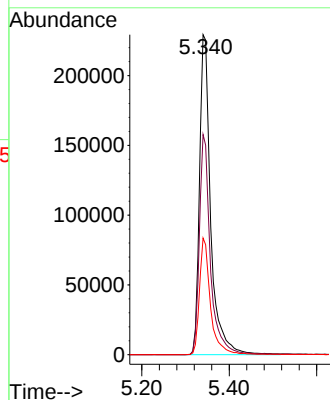
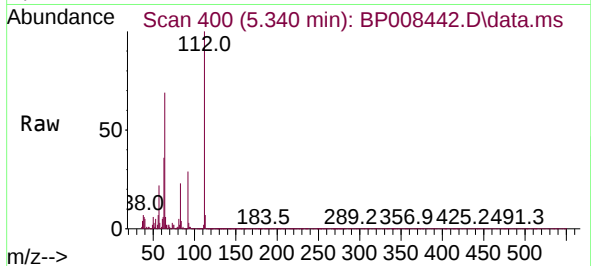




#5
2-Fluorophenol
Concen: 118.433 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

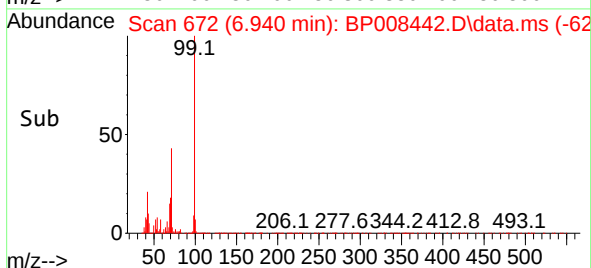
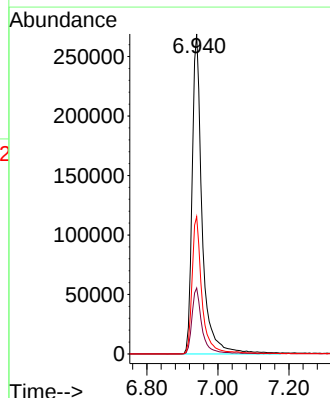
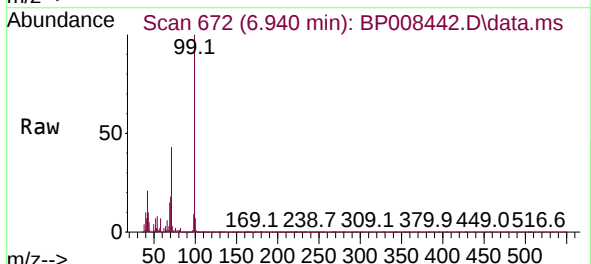
Instrument :
BNA_P
ClientSampleId :
PH1-BOT-14

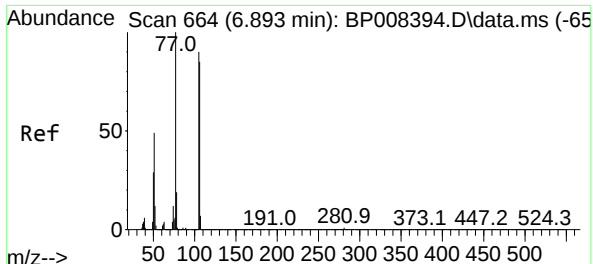
Tgt Ion:112 Resp: 410463
Ion Ratio Lower Upper
112 100
64 68.8 53.4 80.2
63 36.4 27.8 41.8



#7
Phenol-d6
Concen: 113.795 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

Tgt Ion: 99 Resp: 529691
Ion Ratio Lower Upper
99 100
42 20.6 14.6 22.0
71 42.9 31.1 46.7

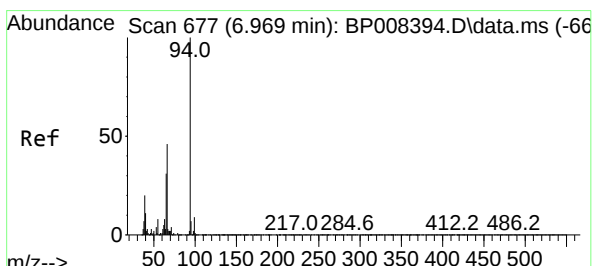
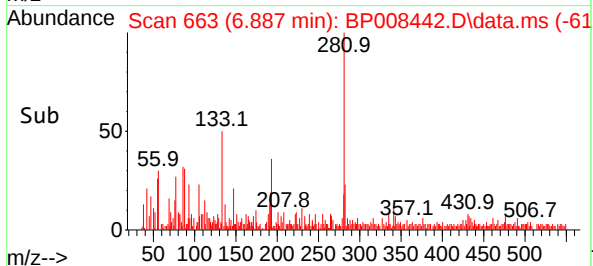
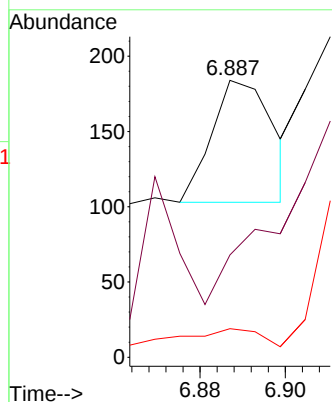
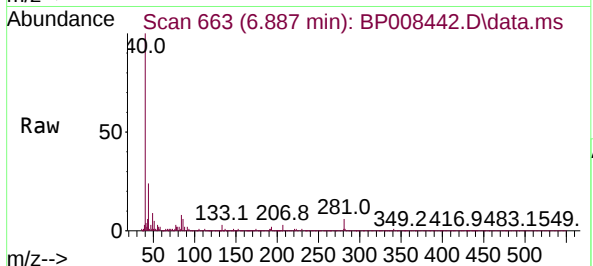




#9
Benzaldehyde
Concen: Below Cal
RT: 6.887 min Scan# 601
Delta R.T. -0.006 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

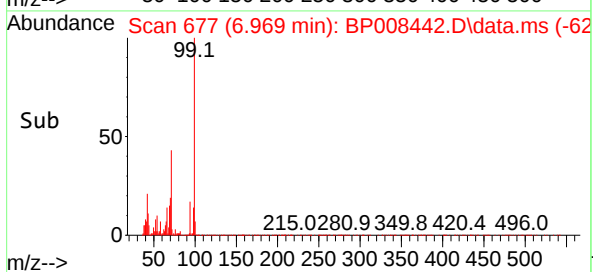
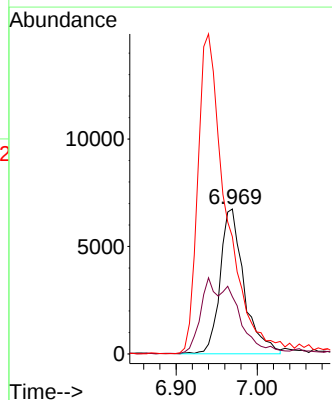
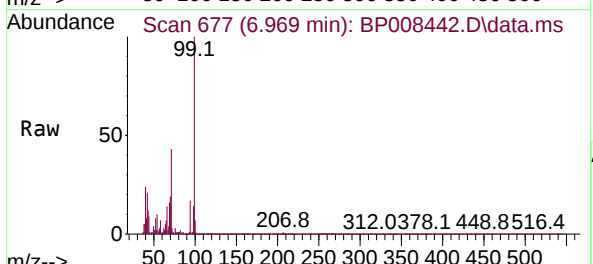
Instrument :
BNA_P
ClientSampleId :
PH1-BOT-14

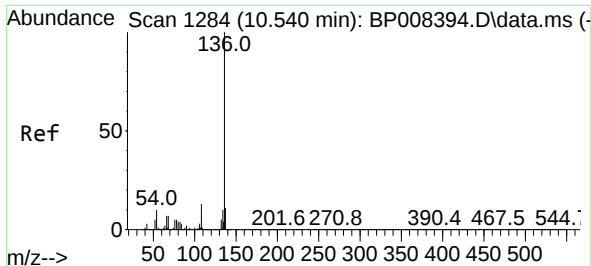
Tgt Ion: 77 Resp: 81
Ion Ratio Lower Upper
77 100
105 37.0 71.8 111.8#
106 10.3 67.3 107.3#



#10
Phenol
Concen: 2.911 ng
RT: 6.969 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

Tgt Ion: 94 Resp: 13759
Ion Ratio Lower Upper
94 100
65 39.6 10.9 50.9
66 80.9 24.3 64.3#

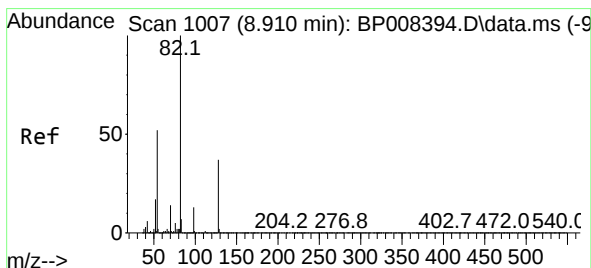
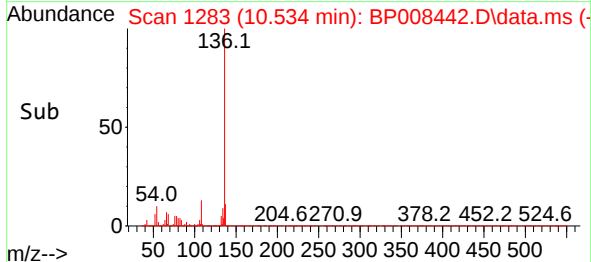
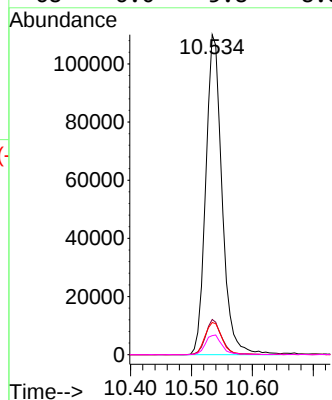
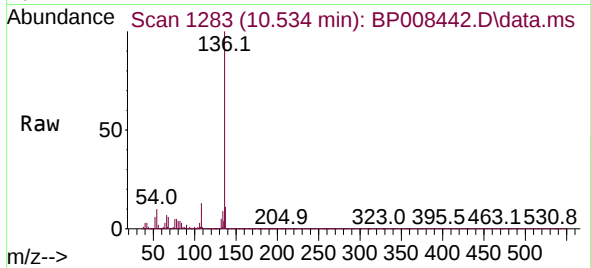




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

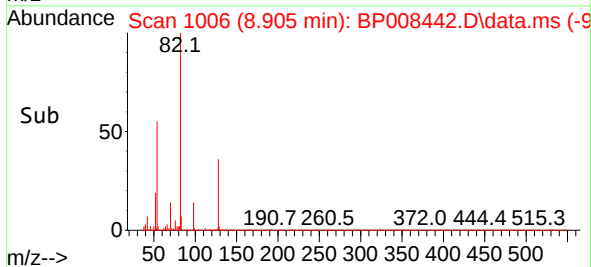
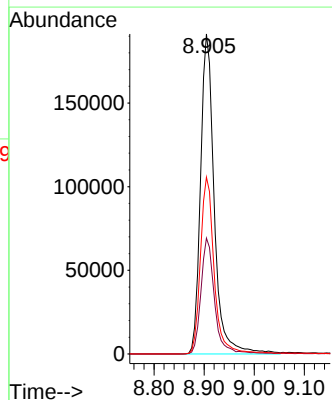
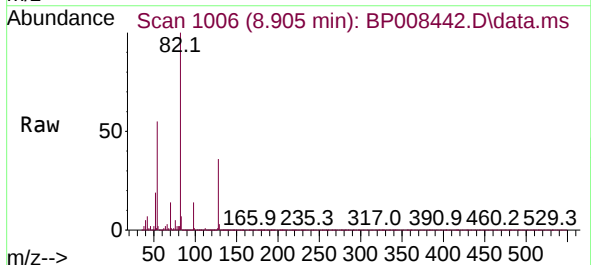
Instrument :
BNA_P
ClientSampleId :
PH1-BOT-14

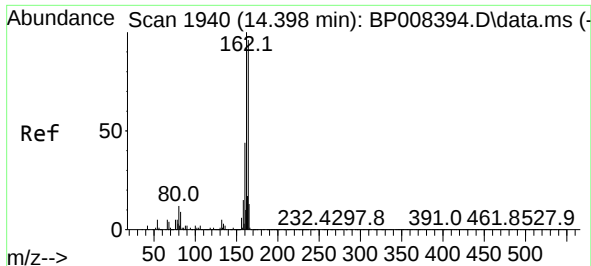
Tgt Ion:	136	Resp:	204814
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	10.0	8.2	12.4
68	6.0	5.8	8.8



#23
Nitrobenzene-d5
Concen: 75.203 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

Tgt Ion:	82	Resp:	363573
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.6	44.4
54	55.2	42.7	64.1

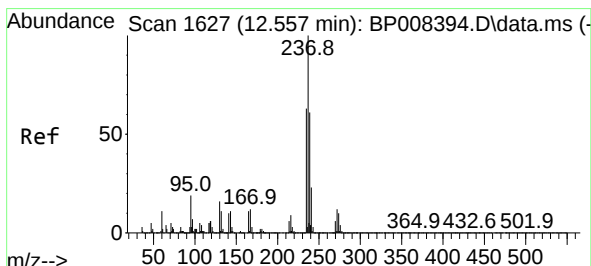
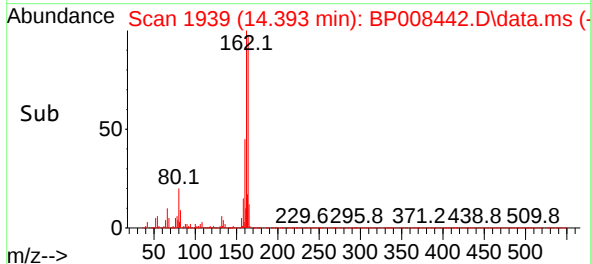
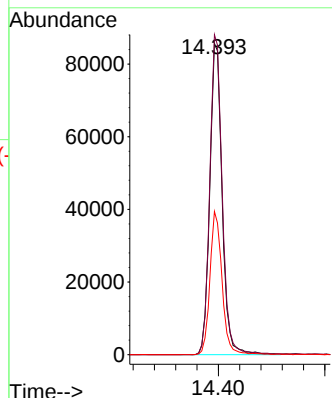
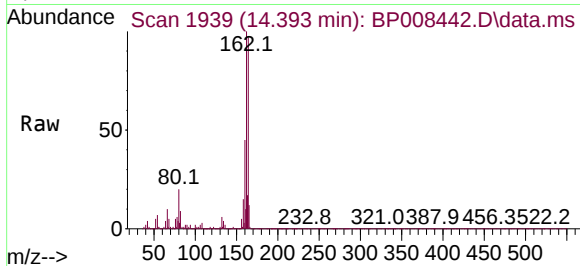




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

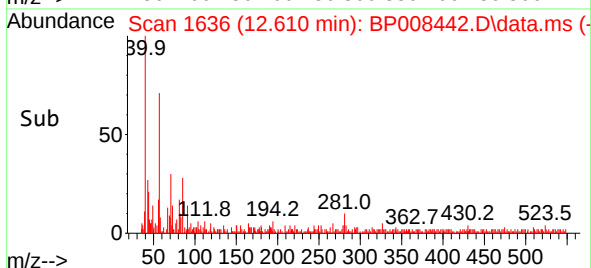
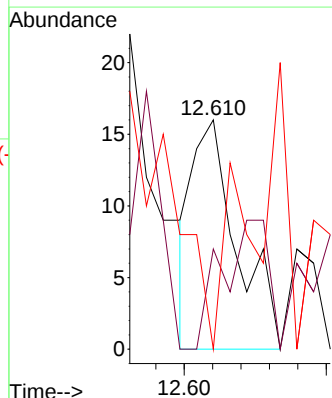
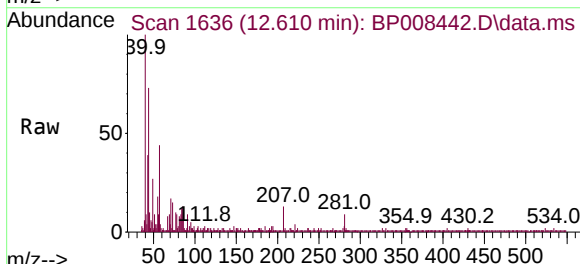
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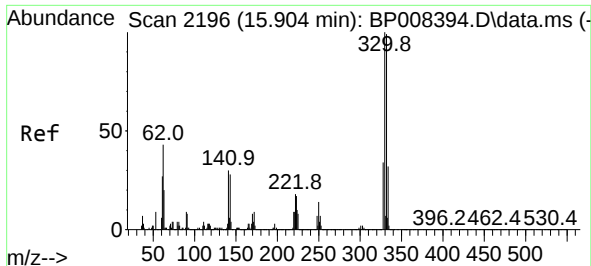
Tgt Ion:164 Resp: 138070
Ion Ratio Lower Upper
164 100
162 102.8 81.9 122.9
160 46.0 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.662 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.053 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 43.8 42.3 82.3
272 0.0 0.0 32.2

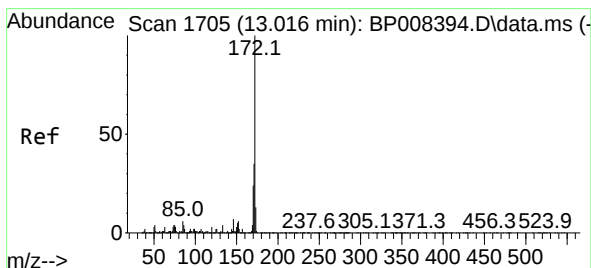
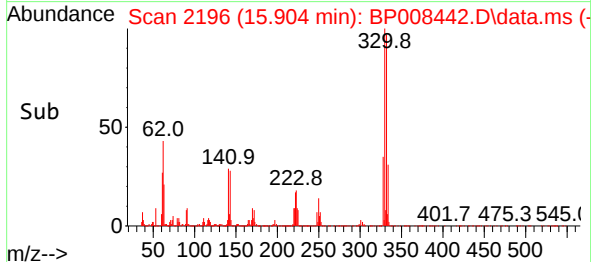
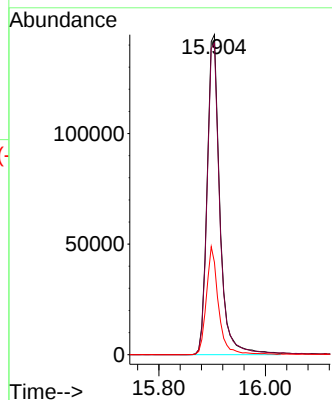
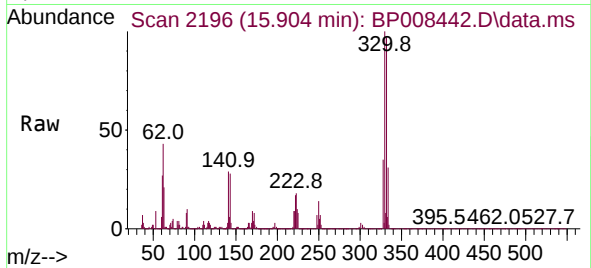




#42
2,4,6-Tribromophenol
Concen: 118.528 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

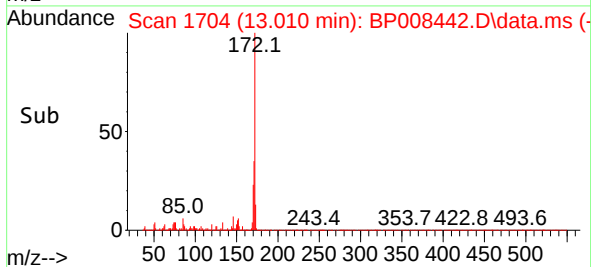
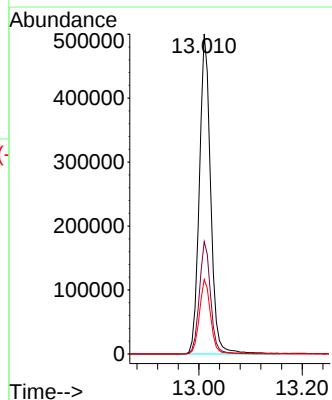
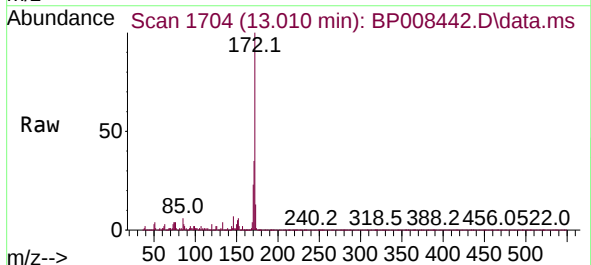
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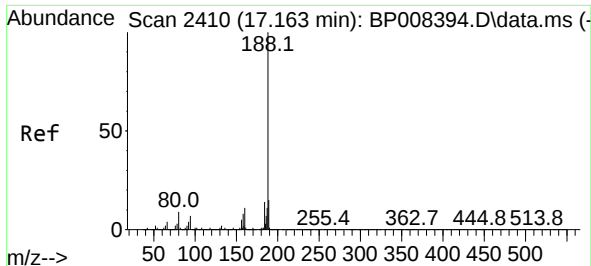
Tgt Ion:330 Resp: 240499
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 32.2 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 69.570 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

Tgt Ion:172 Resp: 755633
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.2 18.9 28.3

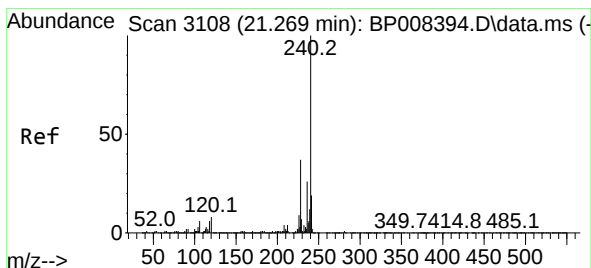
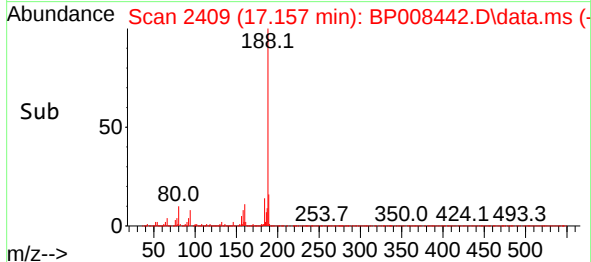
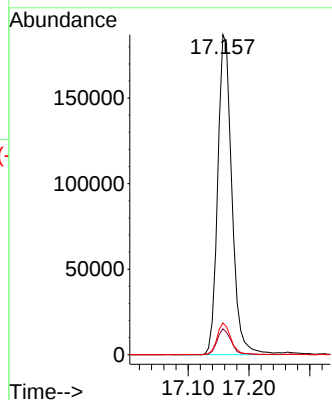
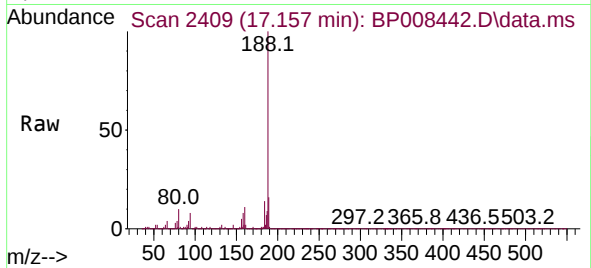




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

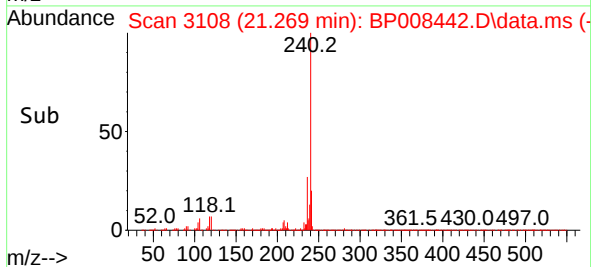
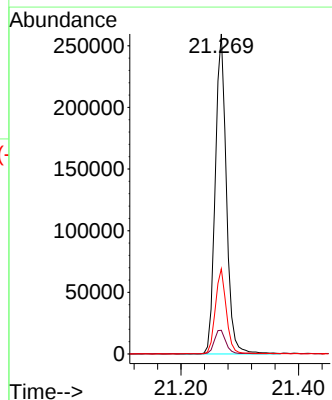
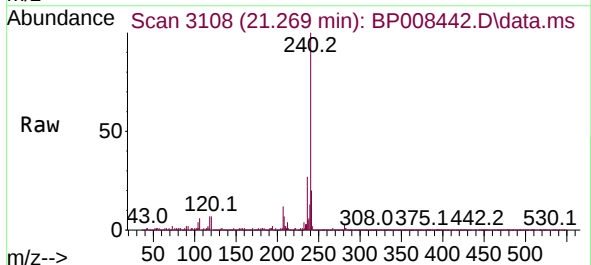
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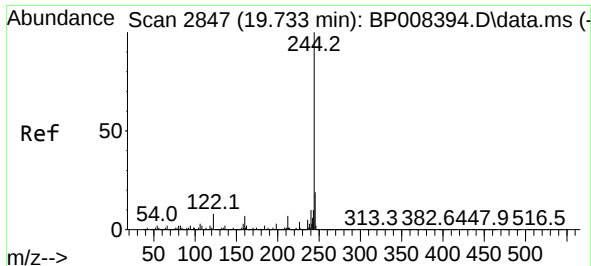
Tgt Ion:188 Resp: 301542
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008442.D
Acq: 16 Dec 2021 07:21

Tgt Ion:240 Resp: 341086
Ion Ratio Lower Upper
240 100
120 7.4 7.3 10.9
236 26.6 21.4 32.2

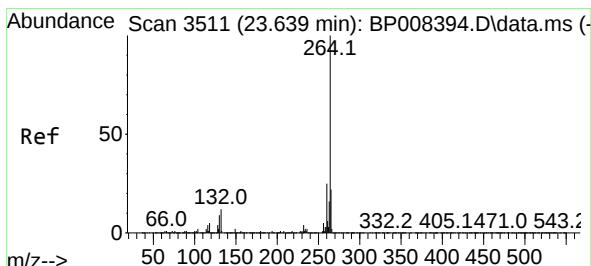
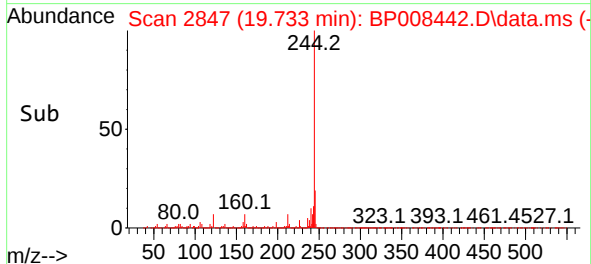
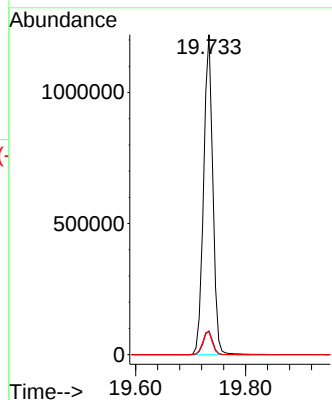
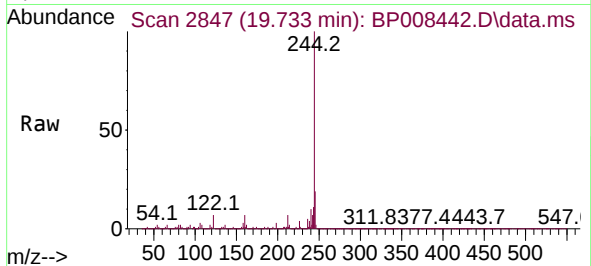




#79
 Terphenyl-d14
 Concen: 72.282 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BP008442.D
 Acq: 16 Dec 2021 07:21

Instrument :
 BNA_P
 ClientSampleId :
 PH1-BOT-14

Tgt Ion:244 Resp: 1416608
 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# 3511
 Delta R.T. 0.000 min
 Lab File: BP008442.D
 Acq: 16 Dec 2021 07:21

Tgt Ion:264 Resp: 378267
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 22.1 17.6 26.4

