

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008478.D
 Acq On : 17 Dec 2021 19:01
 Operator : CG/JU
 Sample : M5084-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 18 06:16:48 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)

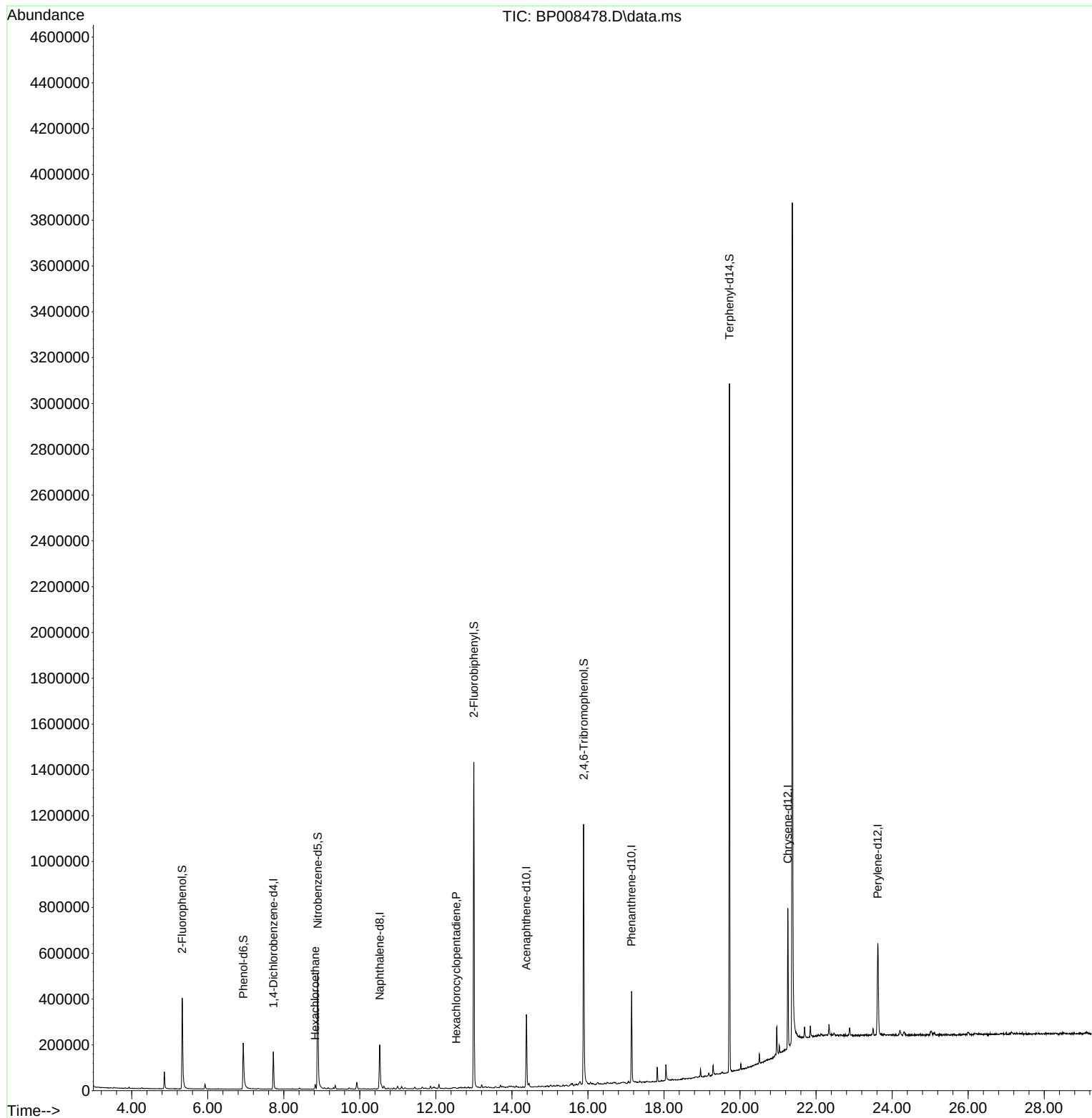
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	45075	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	165225	20.000	ng	-0.02
39) Acenaphthene-d10	14.380	164	113723	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	254818	20.000	ng	-0.02
76) Chrysene-d12	21.256	240	301810	20.000	ng	-0.01
86) Perylene-d12	23.621	264	338107	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	186667	65.400	ng	-0.02
7) Phenol-d6	6.934	99	150512	39.263	ng	0.00
23) Nitrobenzene-d5	8.892	82	333475	85.505	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	235617	140.983	ng	-0.02
45) 2-Fluorobiphenyl	12.998	172	732599	81.890	ng	-0.02
79) Terphenyl-d14	19.721	244	1307189	75.379	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	95	Below Cal	#	31
9) Benzaldehyde	6.822	77	98	Below Cal	#	21
18) Hexachloroethane	8.828	117	2868	2.258	ng	# 1
41) Hexachlorocyclopentadiene	12.539	237	17	8.665	ng	76

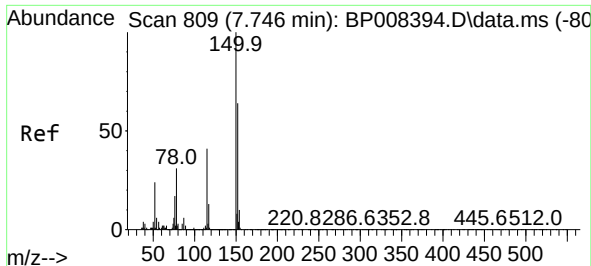
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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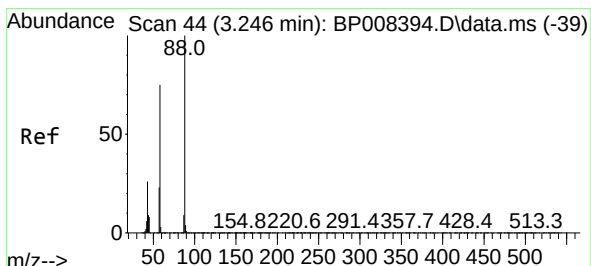
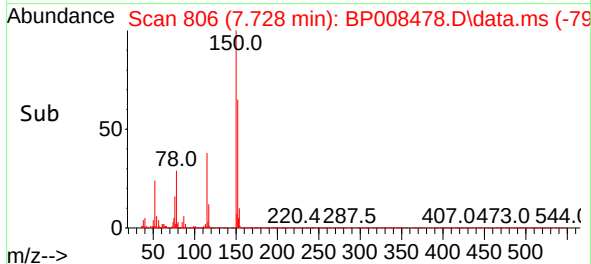
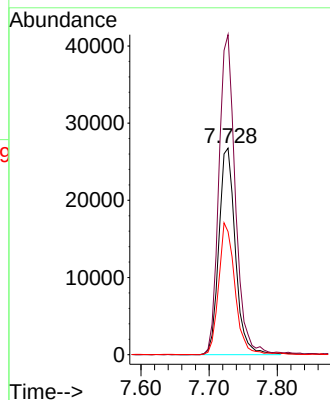
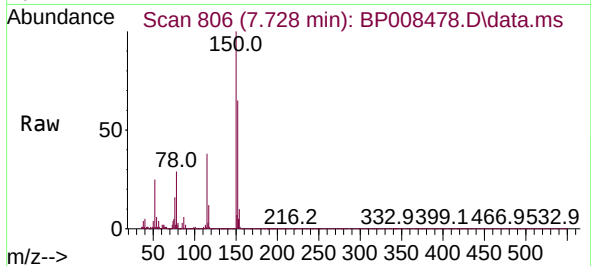




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

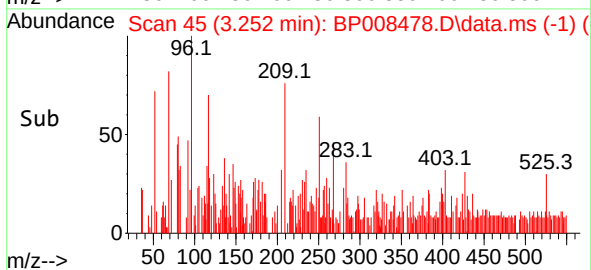
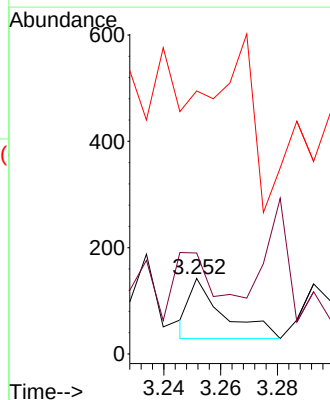
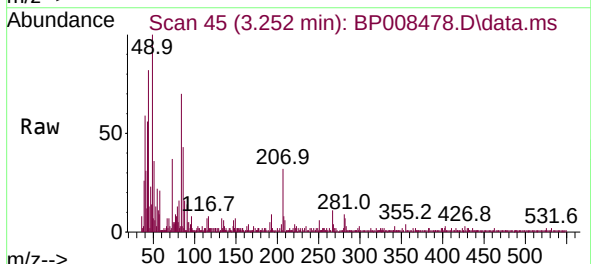
Instrument :
BNA_P
ClientSampleId :

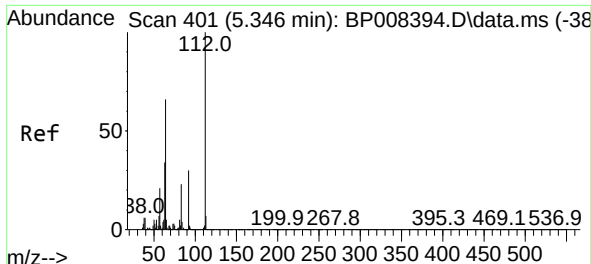
Tgt Ion:152 Resp: 45075
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 59.6 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.252 min Scan# 45
Delta R.T. 0.006 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

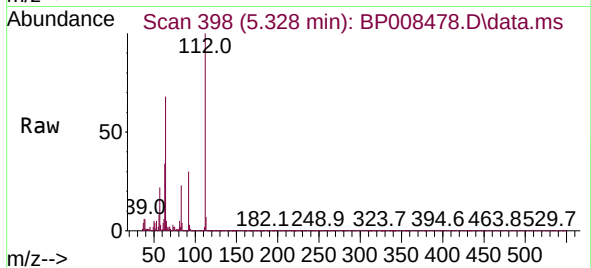
Tgt Ion: 88 Resp: 95
Ion Ratio Lower Upper
88 100
58 145.3 63.5 95.3#
43 0.0 23.4 35.2#



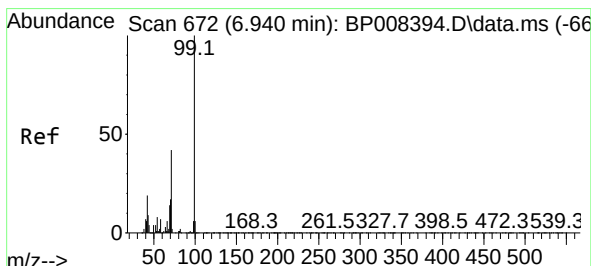
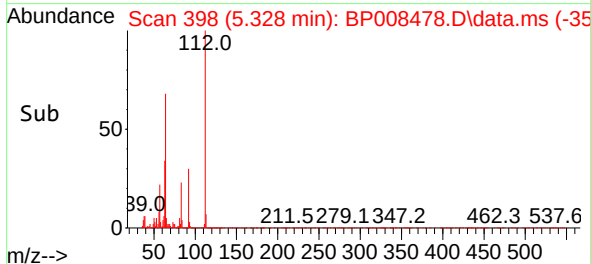
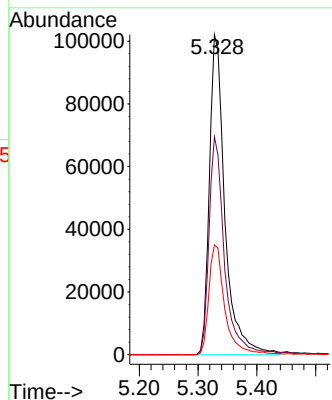


#5
2-Fluorophenol
Concen: 65.400 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

Instrument :
BNA_P
ClientSampleId :

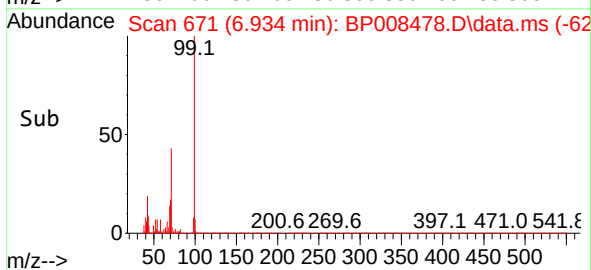
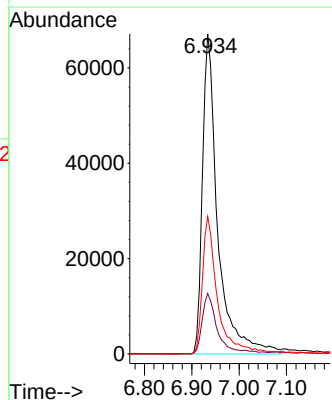
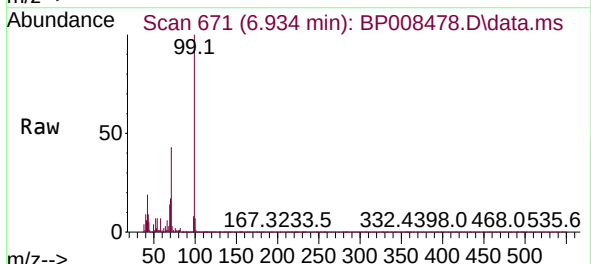


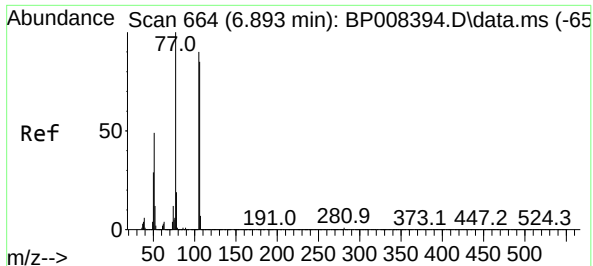
Tgt Ion:112 Resp: 186667
Ion Ratio Lower Upper
112 100
64 68.1 53.4 80.2
63 34.3 27.8 41.8



#7
Phenol-d6
Concen: 39.263 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

Tgt Ion: 99 Resp: 150512
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 42.9 31.1 46.7

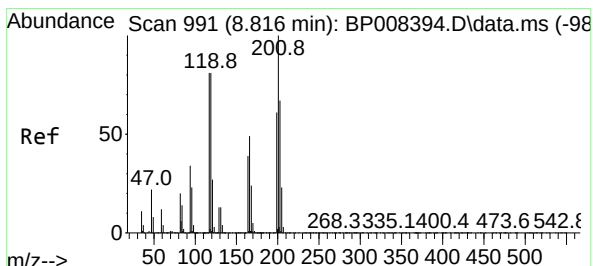
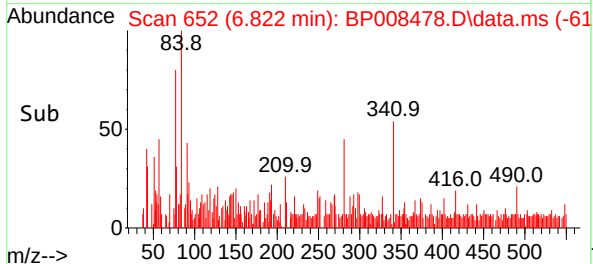
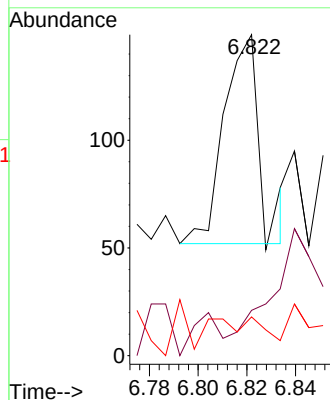
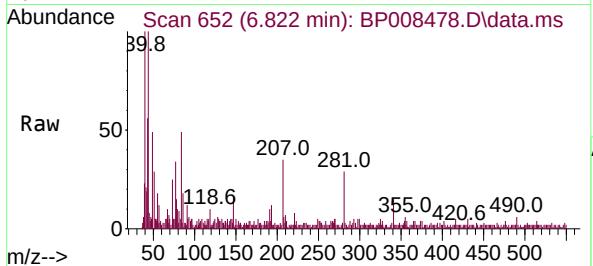




#9
Benzaldehyde
Concen: Below Cal
RT: 6.822 min Scan# 61
Delta R.T. -0.071 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

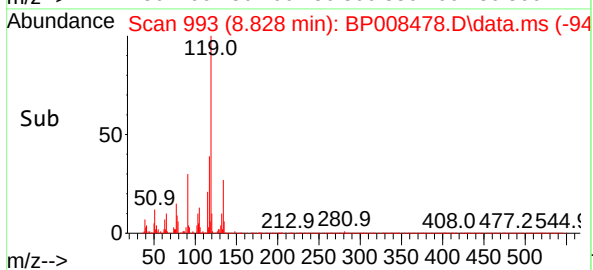
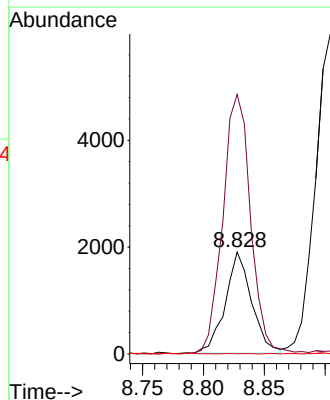
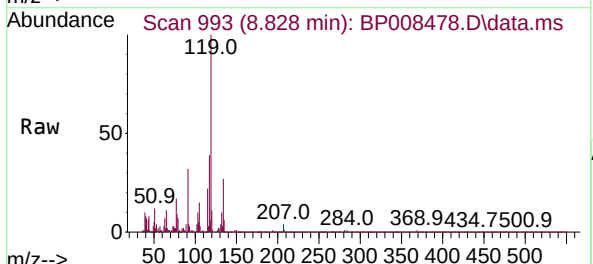
Instrument :
BNA_P
ClientSampleId :

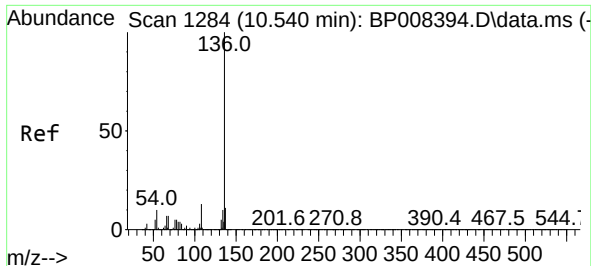
Tgt Ion: 77 Resp: 98
Ion Ratio Lower Upper
77 100
105 18.1 71.8 111.8#
106 12.1 67.3 107.3#



#18
Hexachloroethane
Concen: 2.258 ng
RT: 8.828 min Scan# 993
Delta R.T. 0.011 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

Tgt Ion: 117 Resp: 2868
Ion Ratio Lower Upper
117 100
119 254.6 74.7 112.1#
201 0.2 88.6 132.8#

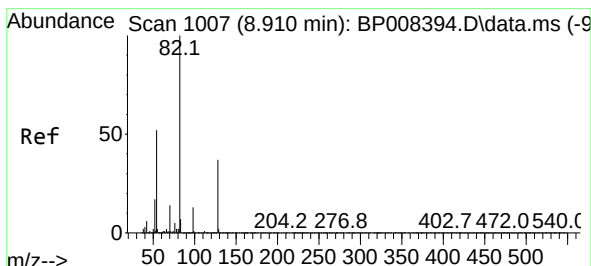
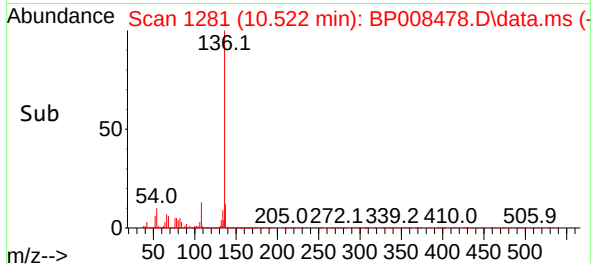
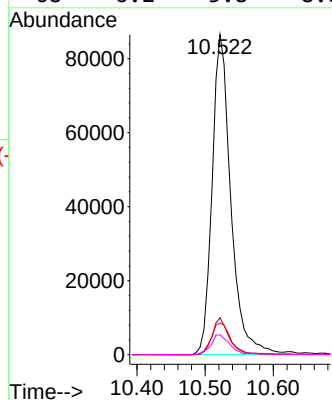
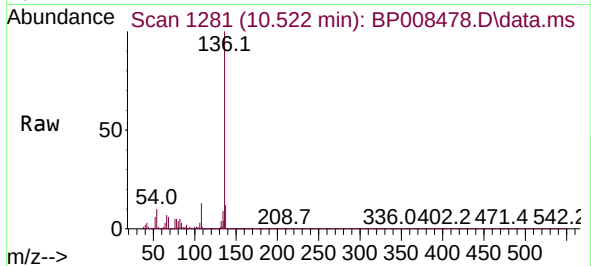




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

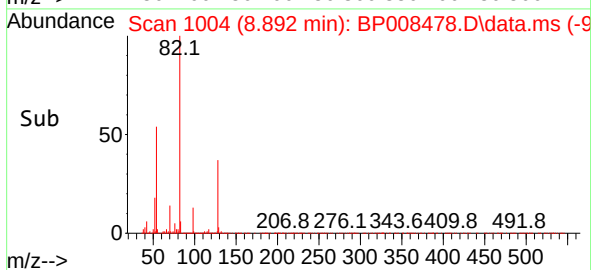
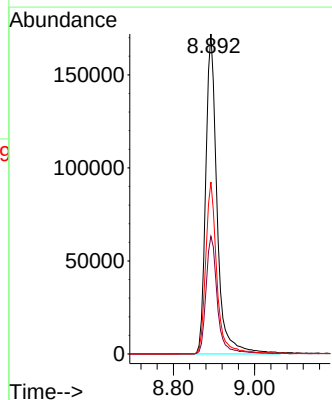
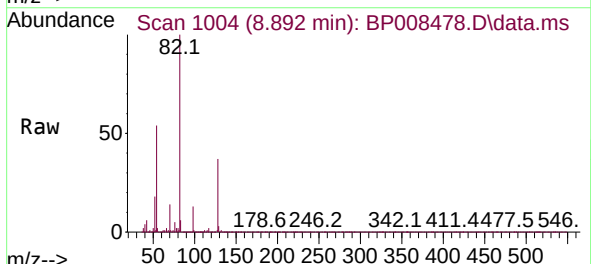
Instrument :
BNA_P
ClientSampleId :

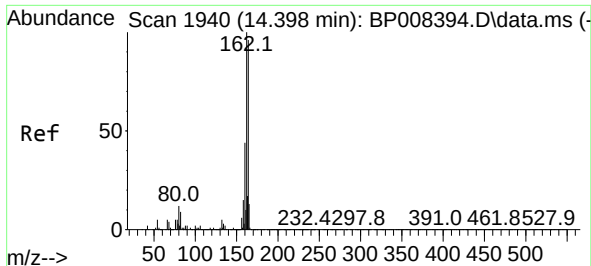
Tgt Ion:	136	Resp:	165225
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	9.9	8.2	12.4
68	6.2	5.8	8.8



#23
Nitrobenzene-d5
Concen: 85.505 ng
RT: 8.892 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

Tgt Ion:	82	Resp:	333475
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.6	44.4
54	53.8	42.7	64.1

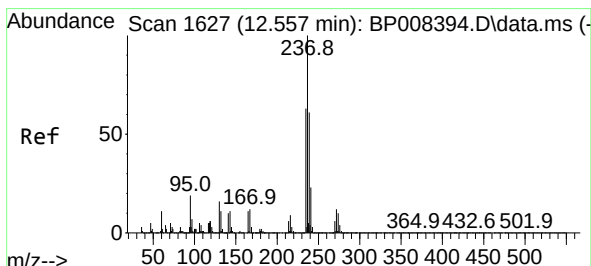
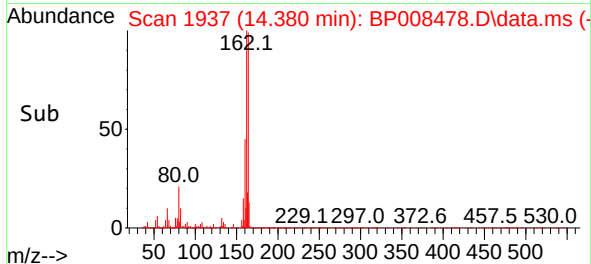
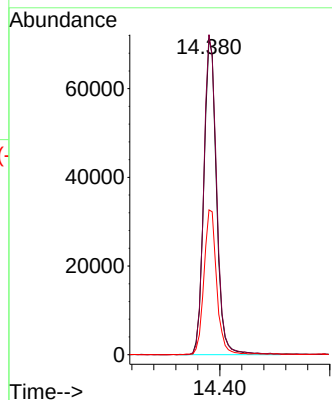
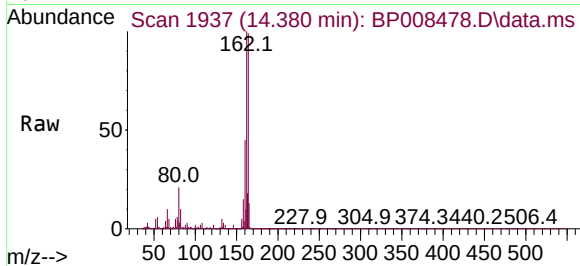




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.380 min Scan# 1940
Delta R.T. -0.018 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

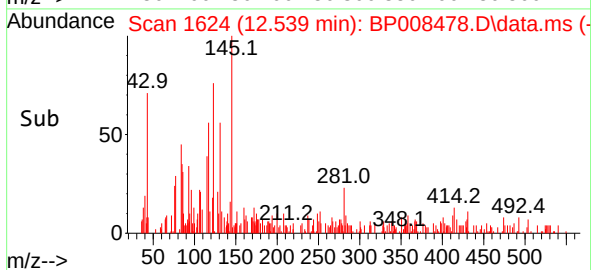
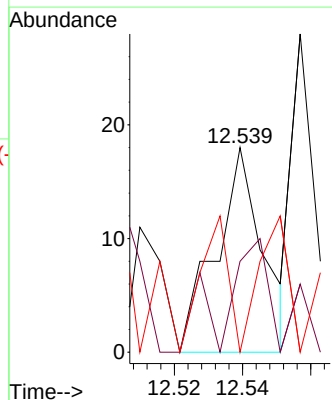
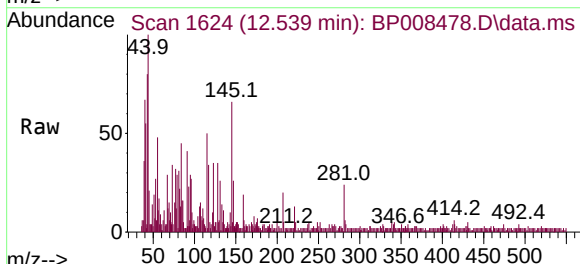
Instrument :
BNA_P
ClientSampleId :

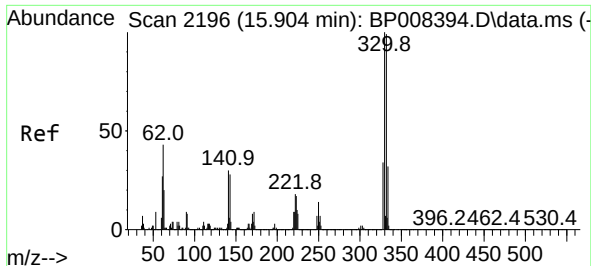
Tgt Ion:164 Resp: 113723
Ion Ratio Lower Upper
164 100
162 101.2 81.9 122.9
160 45.8 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.665 ng
RT: 12.539 min Scan# 1624
Delta R.T. -0.018 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

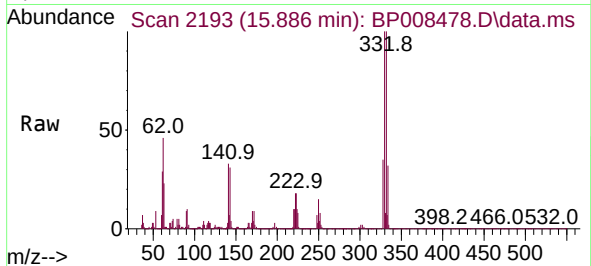
Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 44.4 42.3 82.3
272 0.0 0.0 32.2



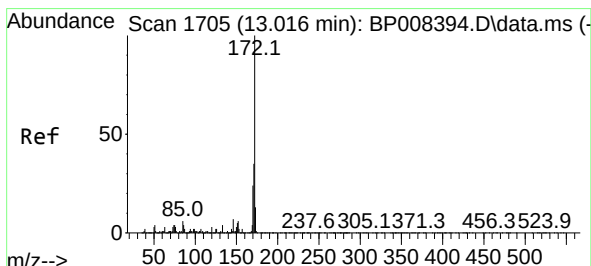
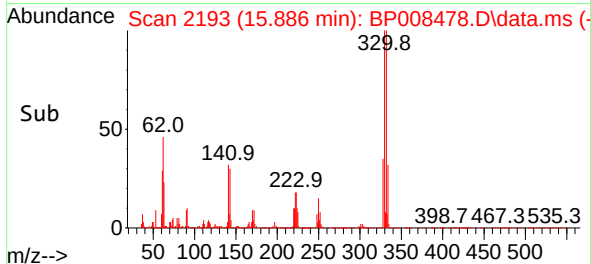
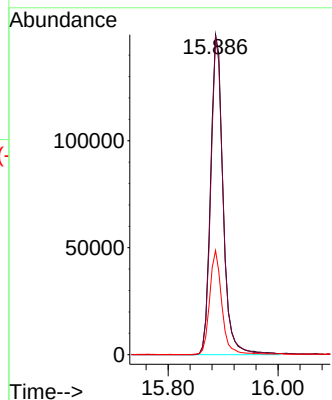


#42
2,4,6-Tribromophenol
Concen: 140.983 ng
RT: 15.886 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

Instrument :
BNA_P
ClientSampleId :

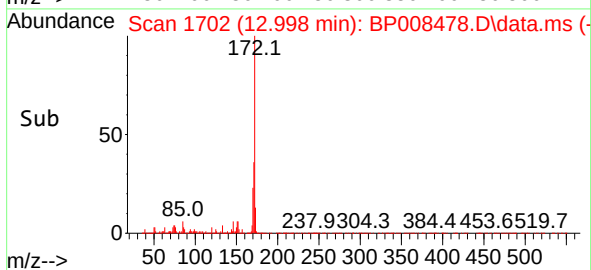
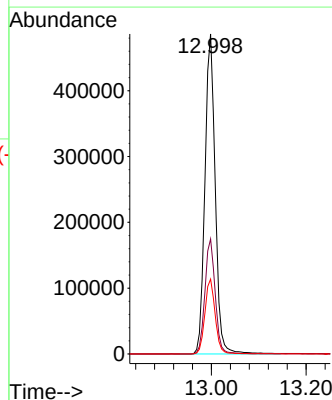
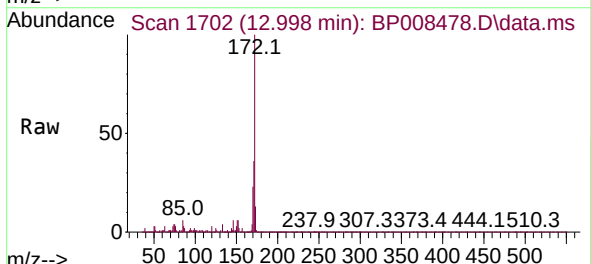


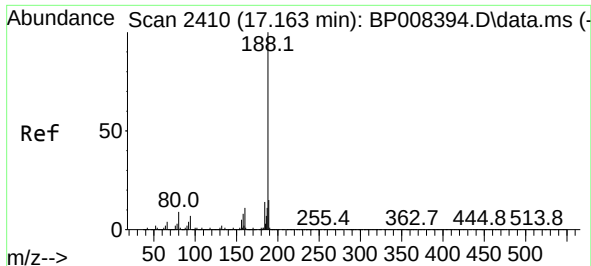
Tgt Ion:330 Resp: 235617
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.4
141 31.9 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 81.890 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

Tgt Ion:172 Resp: 732599
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 23.4 18.9 28.3

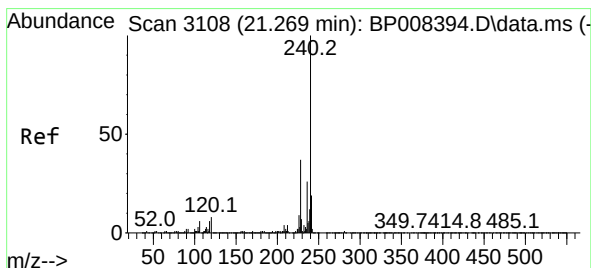
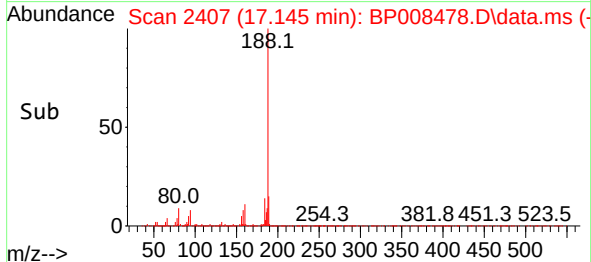
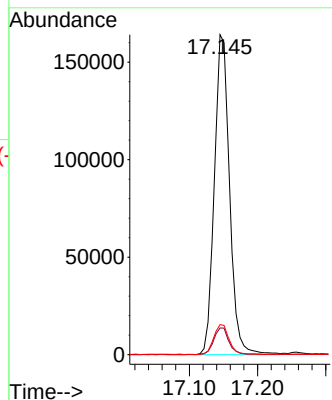
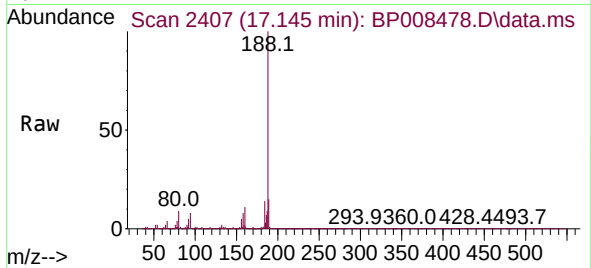




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

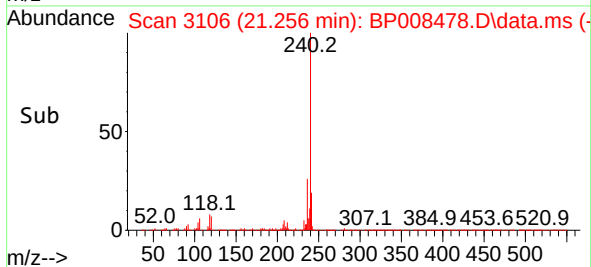
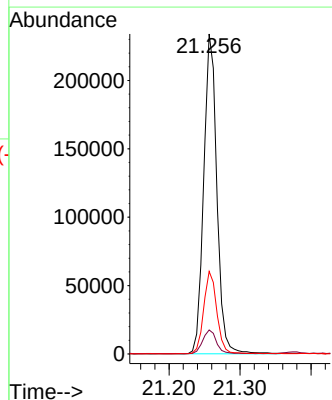
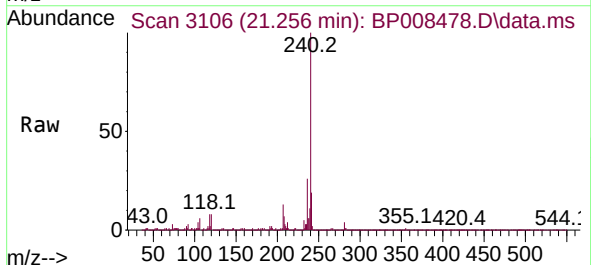
Instrument :
BNA_P
ClientSampleId :

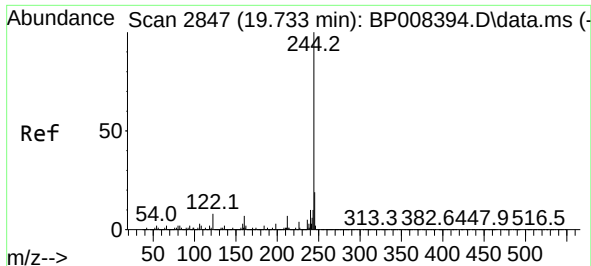
Tgt Ion:188 Resp: 254818
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008478.D
Acq: 17 Dec 2021 19:01

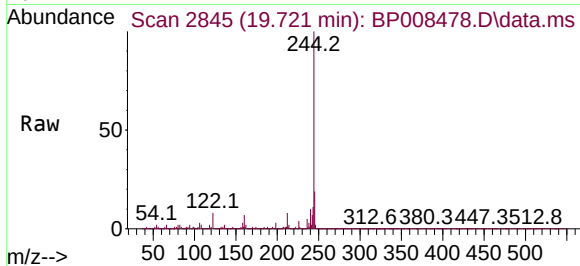
Tgt Ion:240 Resp: 301810
Ion Ratio Lower Upper
240 100
120 7.5 7.3 10.9
236 25.8 21.4 32.2





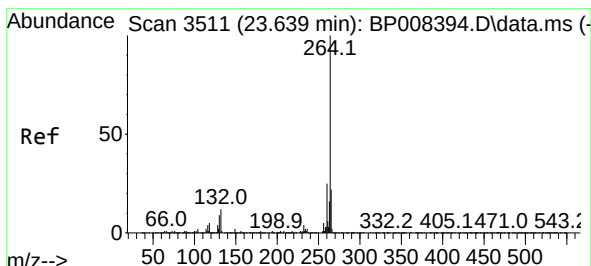
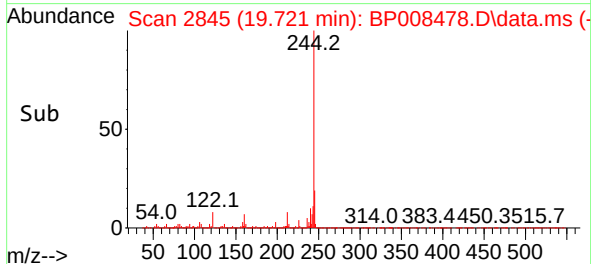
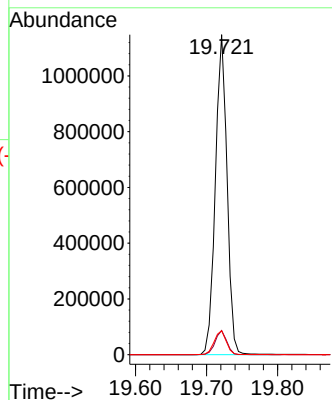
#79
 Terphenyl-d14
 Concen: 75.379 ng
 RT: 19.721 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008478.D
 Acq: 17 Dec 2021 19:01

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:244 Resp: 1307189

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	7.5	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.621 min Scan# 3508
 Delta R.T. -0.018 min
 Lab File: BP008478.D
 Acq: 17 Dec 2021 19:01

Tgt Ion:264 Resp: 338107

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	22.5	17.6	26.4

