

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
 Data File : BP009477.D
 Acq On : 21 Mar 2022 18:53
 Operator : CG/JU
 Sample : N1994-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-05-COMP

Quant Time: Mar 22 06:11:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

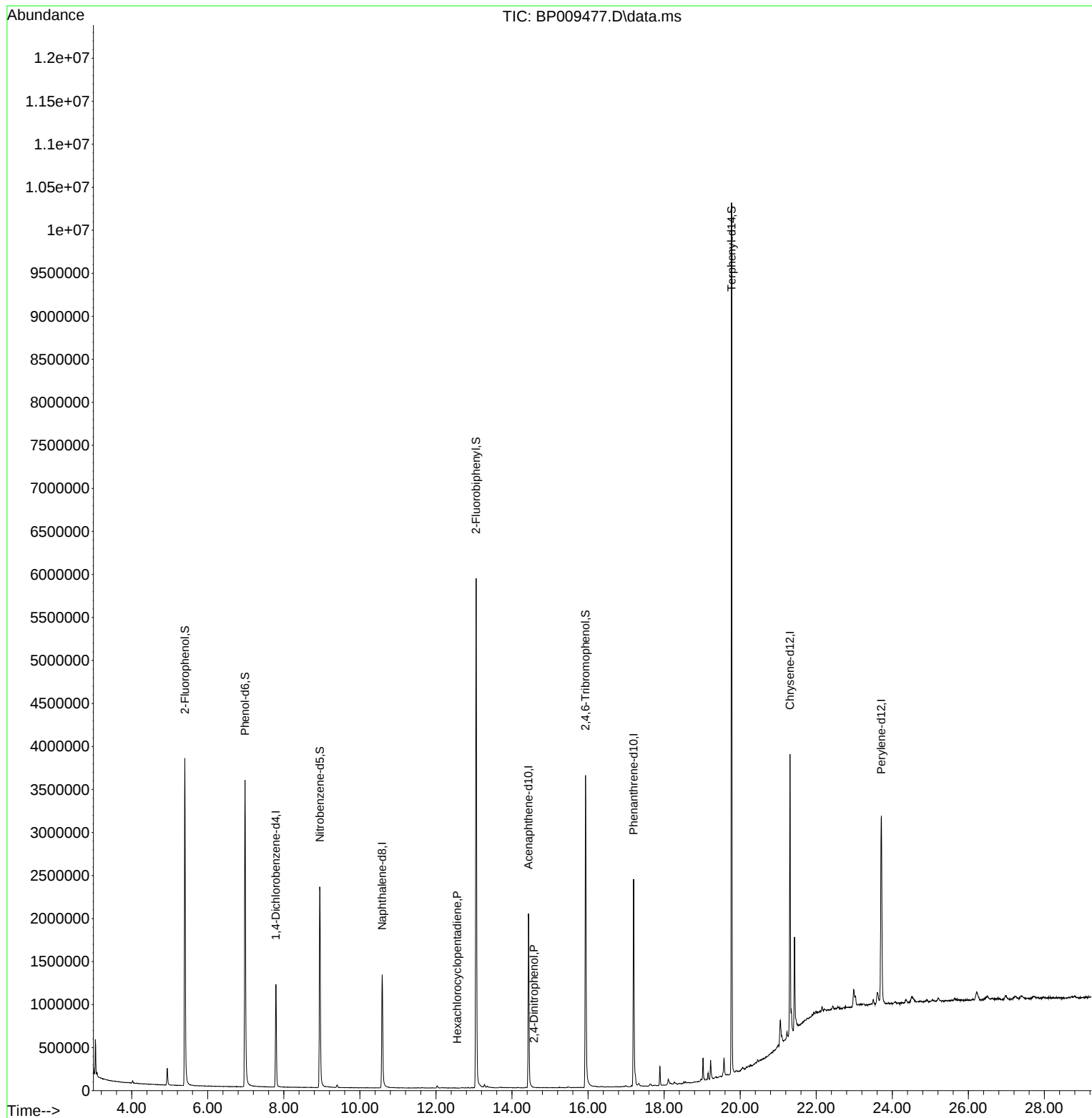
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	365501	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1380042	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	828006	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1654471	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1658107	20.000	ng	0.00
86) Perylene-d12	23.710	264	1819118	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1964185	93.826	ng	0.00
7) Phenol-d6	6.981	99	2521691	89.072	ng	-0.01
23) Nitrobenzene-d5	8.946	82	1665189	64.120	ng	-0.01
42) 2,4,6-Tribromophenol	15.934	330	861316	63.038	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	3568355	59.743	ng	0.00
79) Terphenyl-d14	19.774	244	5216200	56.465	ng	0.00
Target Compounds						
9) Benzaldehyde	6.981	77	5811	Below Cal	#	12
41) Hexachlorocyclopentadiene	12.557	237	20	7.290	ng	95
54) 2,4-Dinitrophenol	14.575	184	21	4.535	ng	# 1

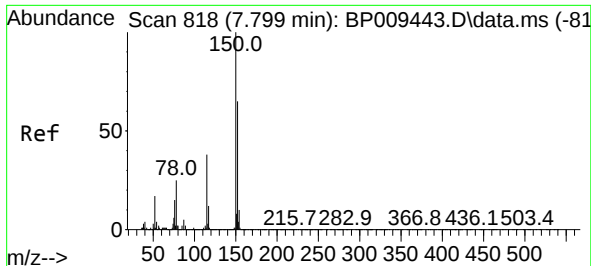
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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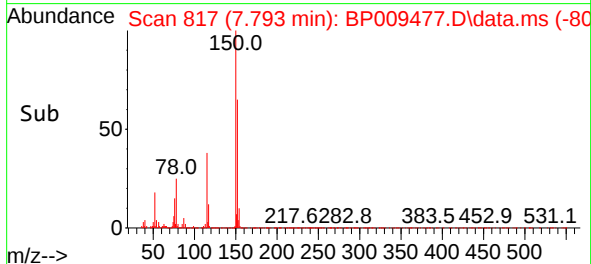
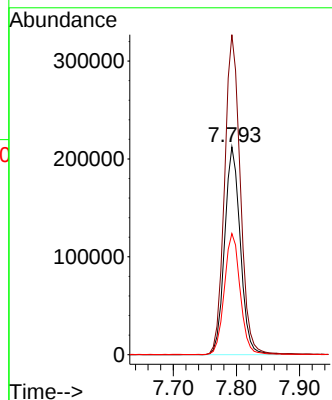
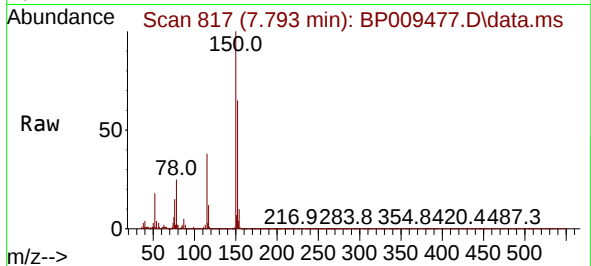




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

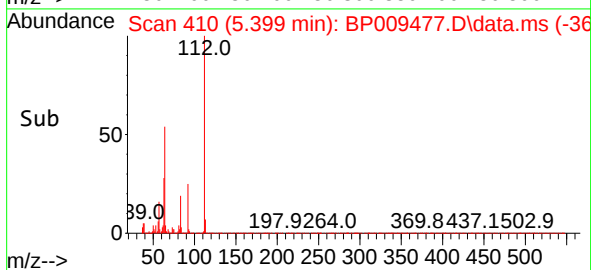
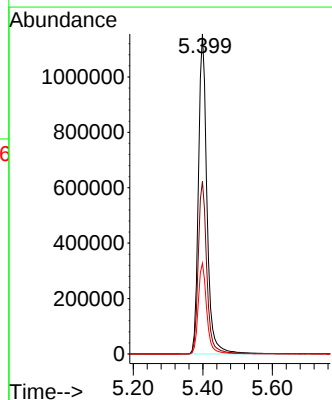
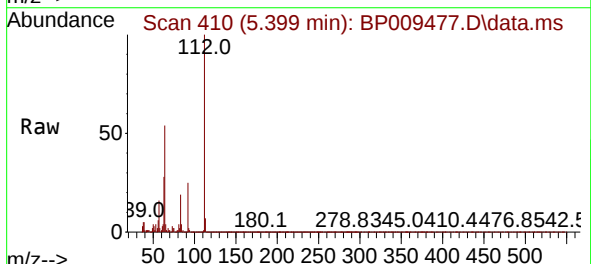
Instrument :
BNA_P
ClientSampleId :
SB-05-COMP

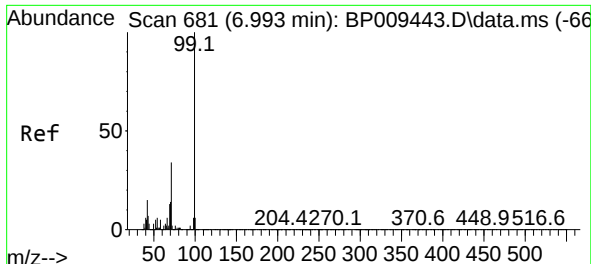
Tgt Ion:152 Resp: 365501
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 93.826 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

Tgt Ion:112 Resp: 1964185
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 28.3 23.0 34.6

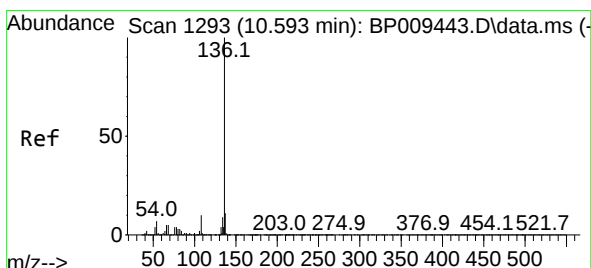
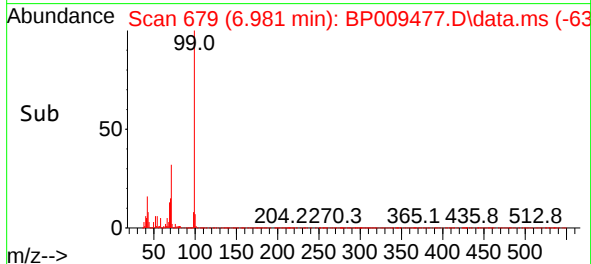
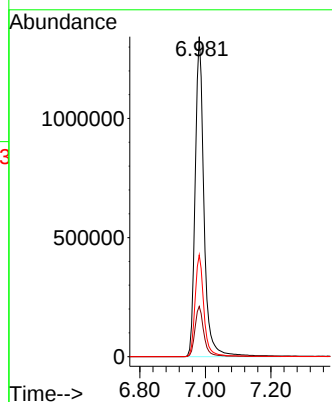
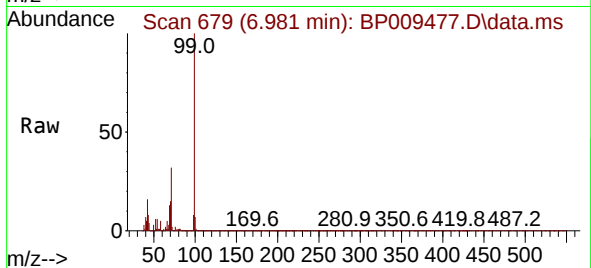




#7
Phenol-d6
Concen: 89.072 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

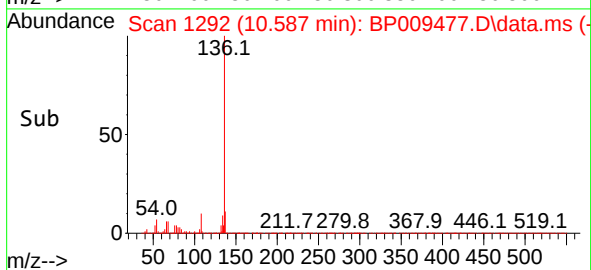
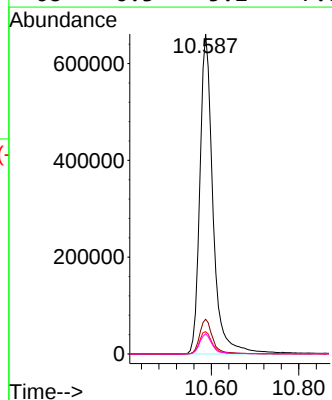
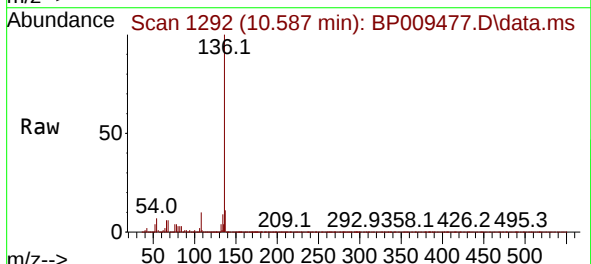
Instrument :
BNA_P
ClientSampleId :
SB-05-COMP

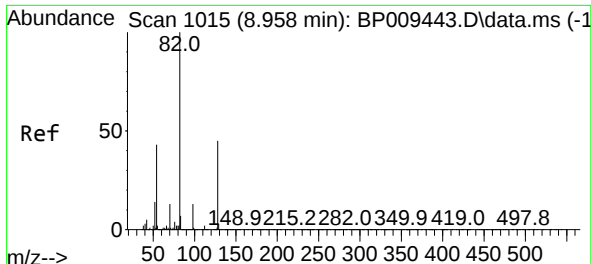
Tgt Ion: 99 Resp: 2521691
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 31.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

Tgt Ion: 136 Resp: 1380042
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.0 5.8 8.8
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 64.120 ng

RT: 8.946 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BP009477.D

Acq: 21 Mar 2022 18:53

Instrument :

BNA_P

ClientSampleId :

SB-05-COMP

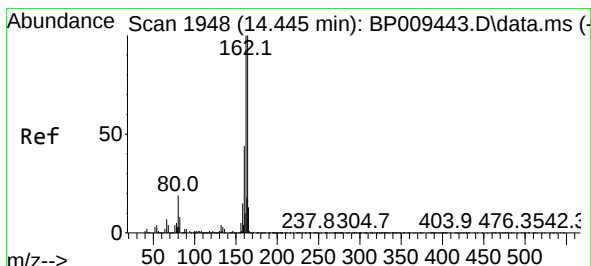
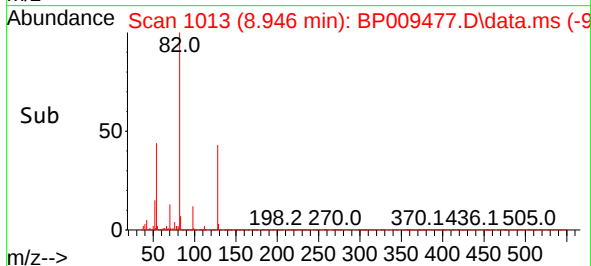
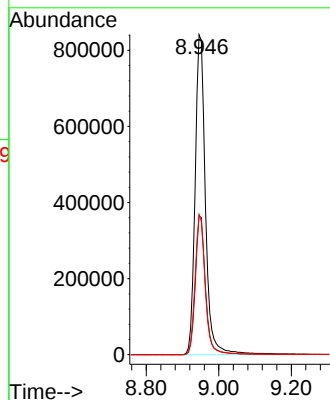
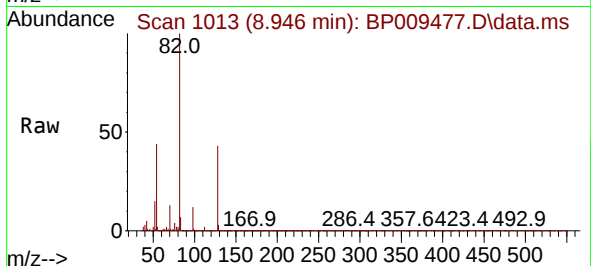
Tgt Ion: 82 Resp: 1665189

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.4

54 43.8 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.434 min Scan# 1946

Delta R.T. -0.011 min

Lab File: BP009477.D

Acq: 21 Mar 2022 18:53

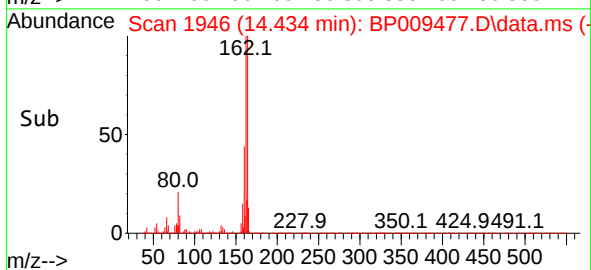
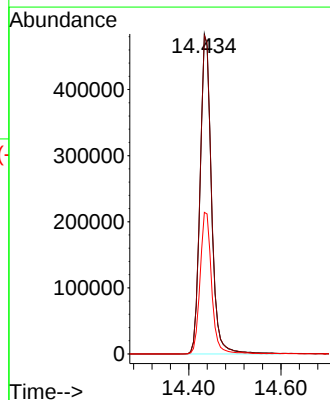
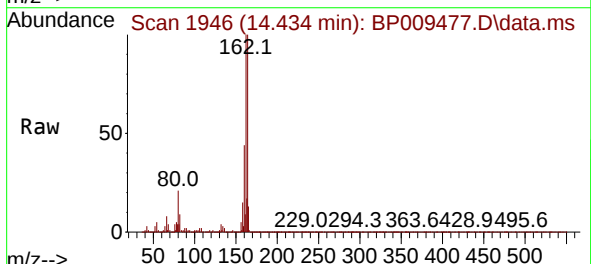
Tgt Ion:164 Resp: 828006

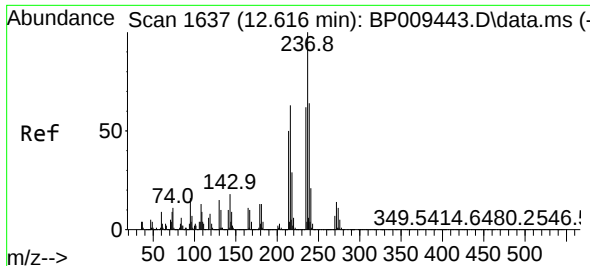
Ion Ratio Lower Upper

164 100

162 99.5 79.1 118.7

160 44.2 34.9 52.3

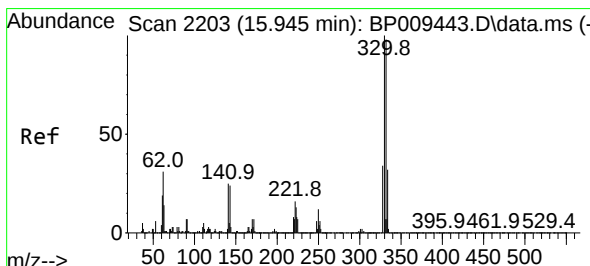
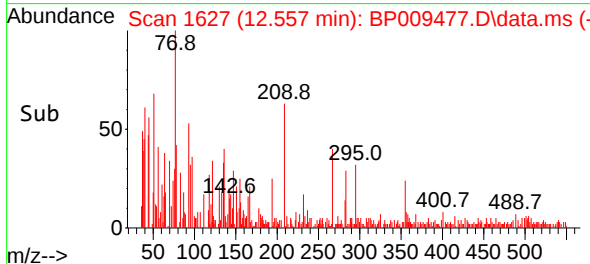
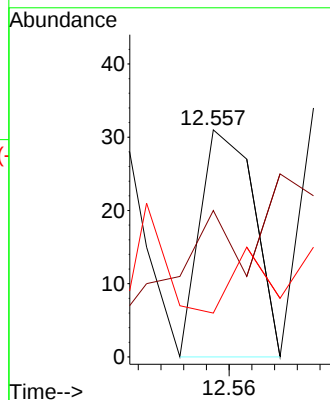
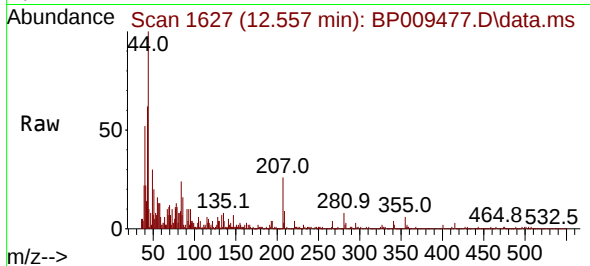




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.059 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

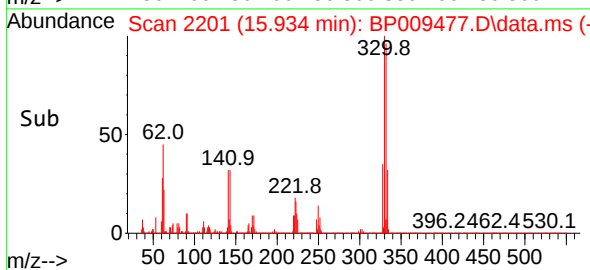
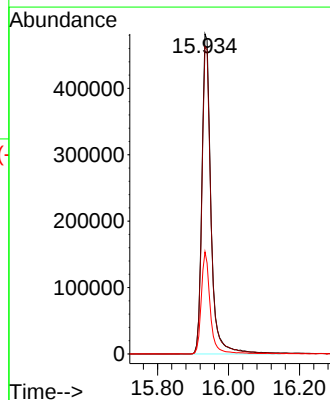
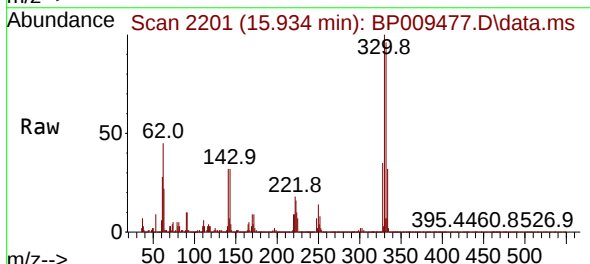
Instrument :
BNA_P
ClientSampleId :
SB-05-COMP

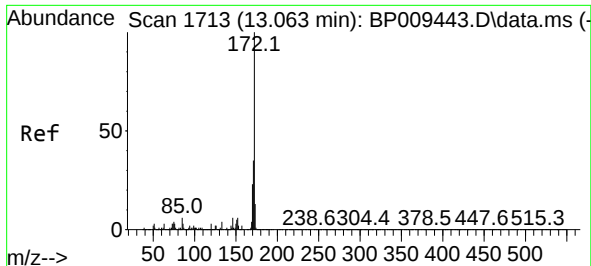
Tgt Ion:237	Resp:	20
Ion	Ratio	Lower Upper
237	100	
235	64.5	42.6 82.6
272	19.4	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 63.038 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

Tgt Ion:330	Resp:	861316
Ion	Ratio	Lower Upper
330	100	
332	96.6	77.0 115.6
141	31.4	27.6 41.4

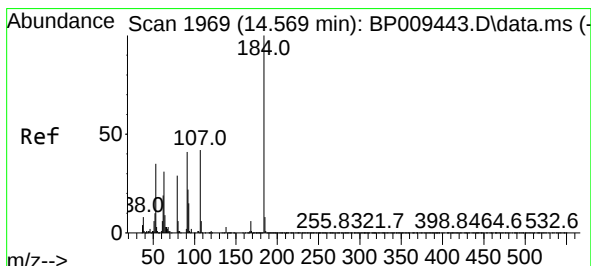
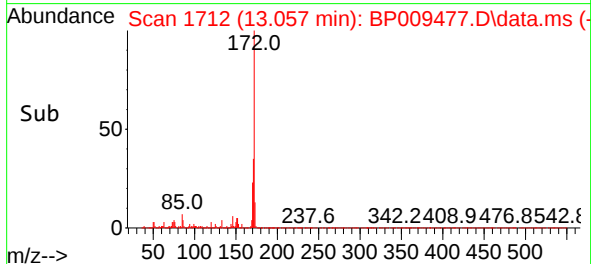
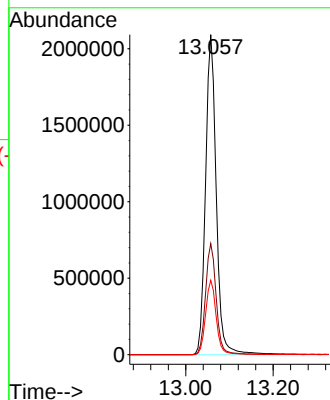
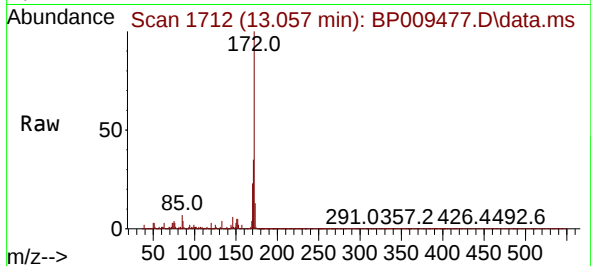




#45
2-Fluorobiphenyl
Concen: 59.743 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

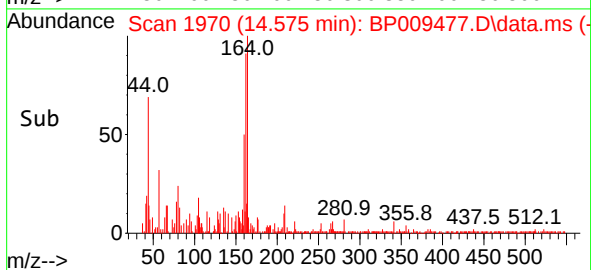
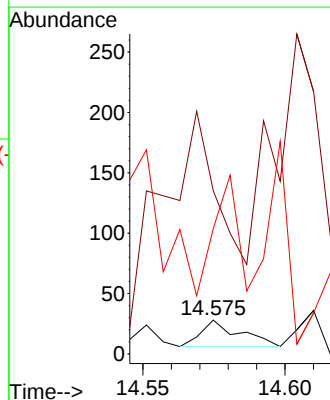
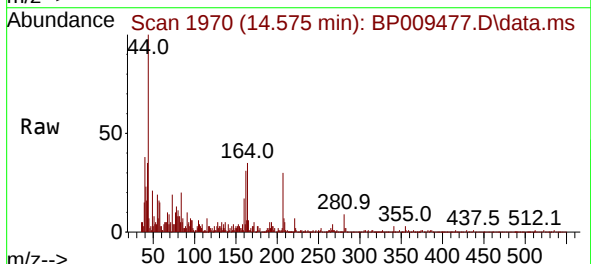
Instrument :
BNA_P
ClientSampleId :
SB-05-COMP

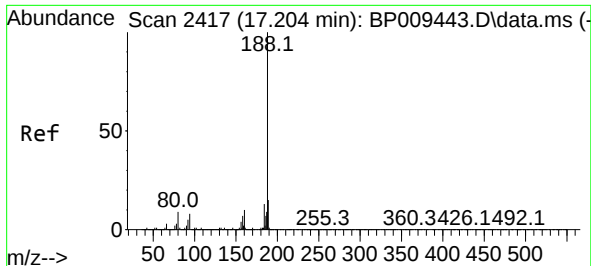
Tgt Ion:172 Resp: 3568355
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.2 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.535 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 482.1 46.3 69.5#
154 371.4 45.8 68.6#

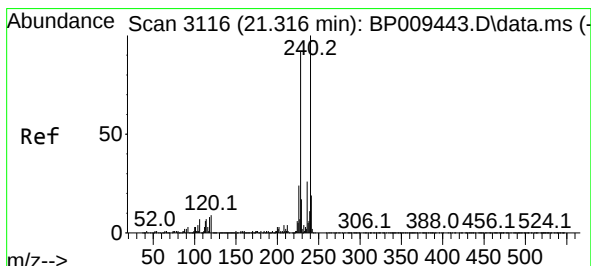
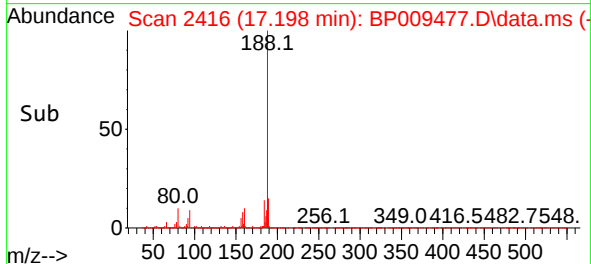
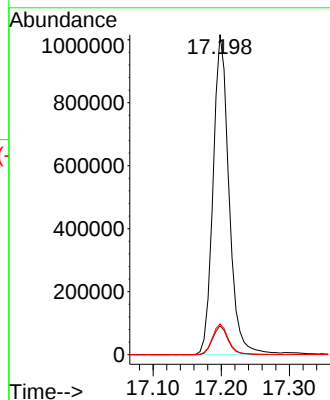
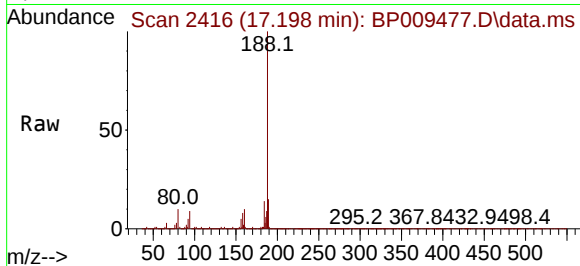




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

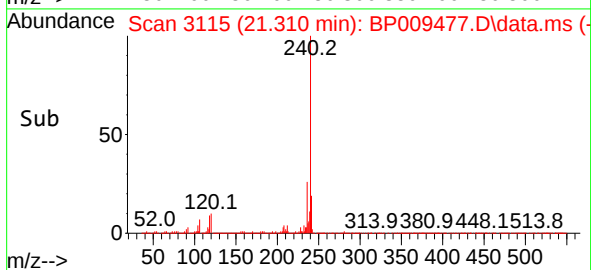
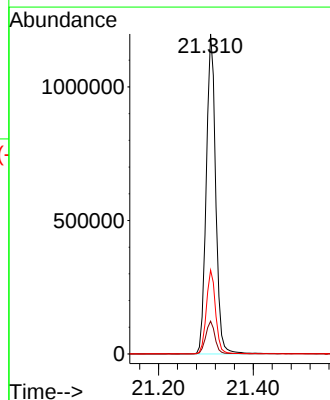
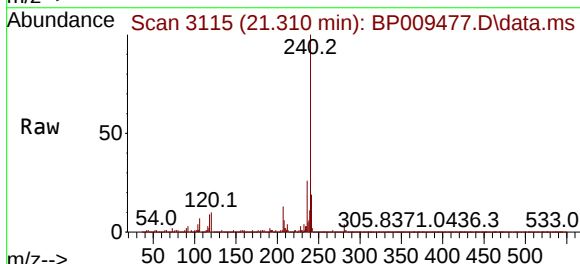
Instrument :
BNA_P
ClientSampleId :
SB-05-COMP

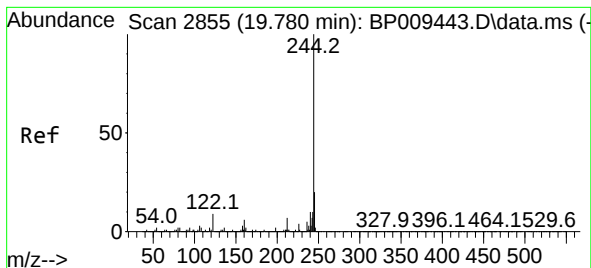
Tgt Ion:188 Resp: 1654471
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.6 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009477.D
Acq: 21 Mar 2022 18:53

Tgt Ion:240 Resp: 1658107
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 26.2 20.6 30.8





#79

Terphenyl-d14

Concen: 56.465 ng

RT: 19.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009477.D

Acq: 21 Mar 2022 18:53

Instrument :

BNA_P

ClientSampleId :

SB-05-COMP

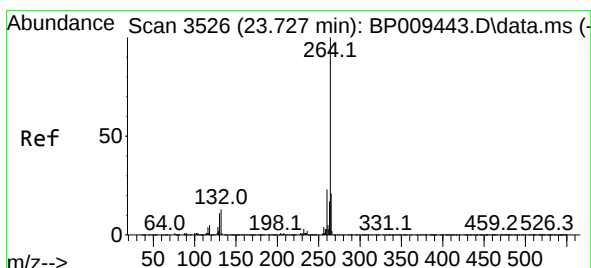
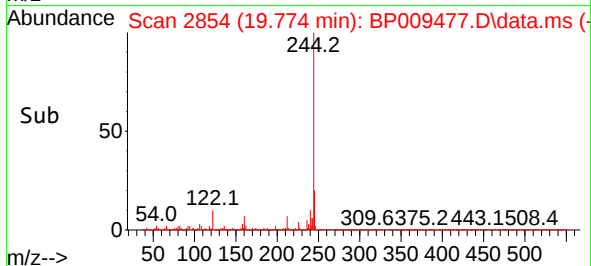
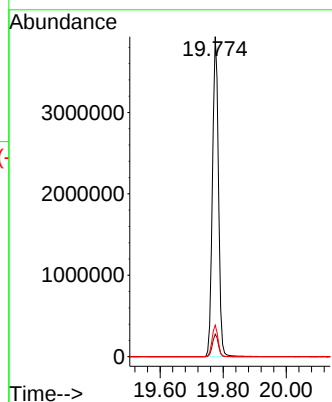
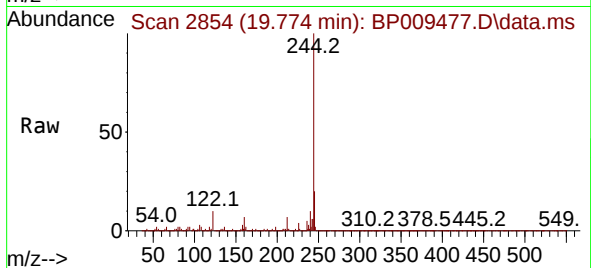
Tgt Ion:244 Resp: 5216200

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.710 min Scan# 3523

Delta R.T. -0.018 min

Lab File: BP009477.D

Acq: 21 Mar 2022 18:53

Tgt Ion:264 Resp: 1819118

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.6 17.2 25.8

