

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009485.D
 Acq On : 22 Mar 2022 13:33
 Operator : CG/JU
 Sample : N1709-07DL 40X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PPSP-B13-25.5-26.0DL

Quant Time: Mar 23 01:20:51 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)

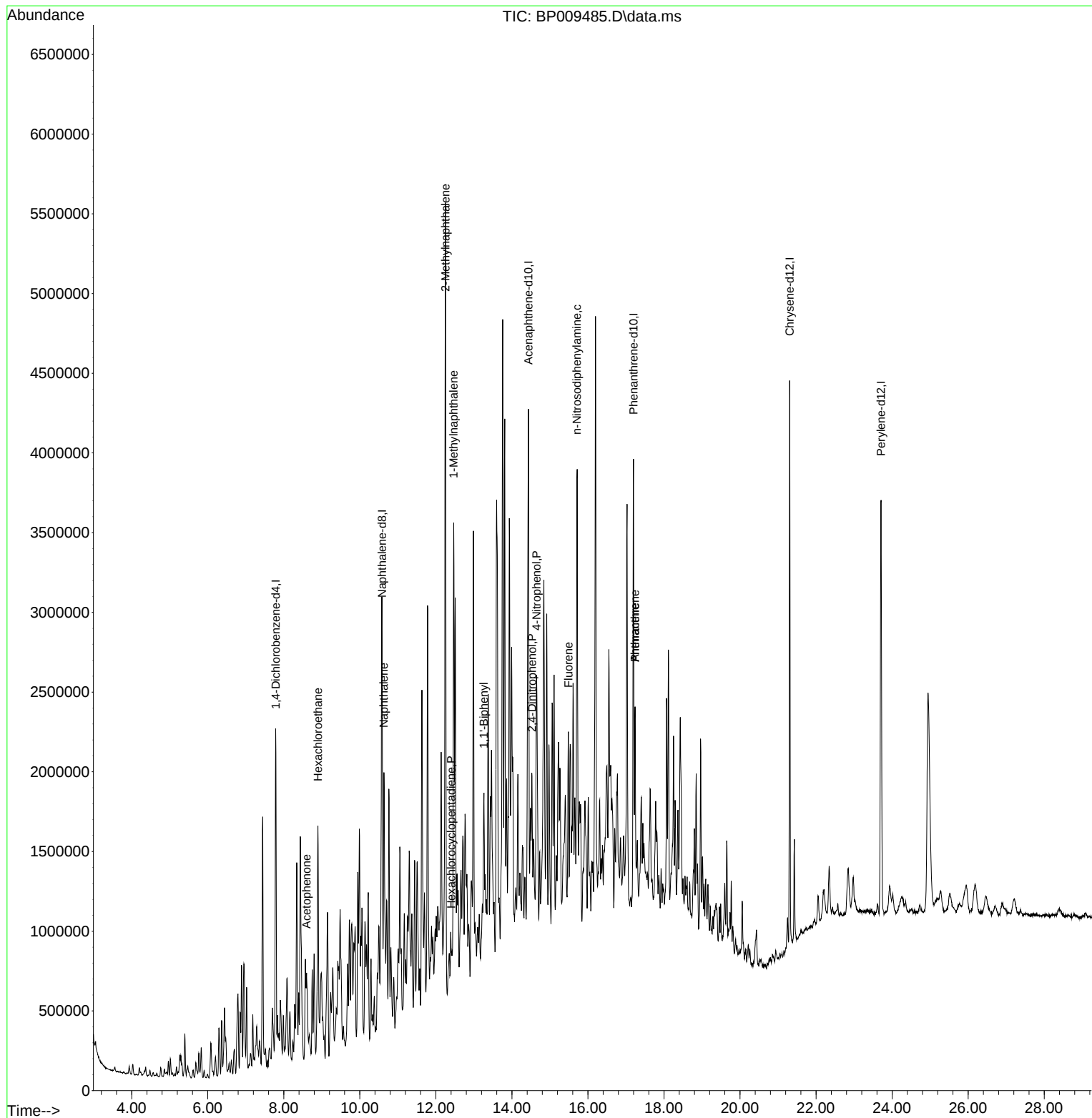
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	458159	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1621795	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	921854	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1774285	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1845763	20.000	ng	-0.01
86) Perylene-d12	23.710	264	2135784	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	45376	1.729	ng	0.00
7) Phenol-d6	6.981	99	59019	1.663	ng	-0.01
23) Nitrobenzene-d5	8.757	82	1977	0.065	ng	-0.20
42) 2,4,6-Tribromophenol	15.933	330	11671	0.767	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	85180	1.281	ng	0.00
79) Terphenyl-d14	19.769	244	132666	1.290	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.946	77	30514	Below Cal	#	1
18) Hexachloroethane	8.899	117	137444	11.358	ng	# 1
22) Acetophenone	8.599	105	328438	8.182	ng	# 62
31) Naphthalene	10.634	128	870777	10.424	ng	96
37) 2-Methylnaphthalene	12.251	142	2342953	39.973	ng	99
38) 1-Methylnaphthalene	12.469	142	1327812	23.254	ng	99
41) Hexachlorocyclopentadiene	12.404	237	49	7.292	ng	94
46) 1,1'-Biphenyl	13.263	154	361550	5.257	ng	99
54) 2,4-Dinitrophenol	14.528	184	502	4.585	ng	# 1
56) 4-Nitrophenol	14.645	139	72985	6.334	ng	# 47
58) Fluorene	15.486	166	228238	3.460	ng	# 86
66) n-Nitrosodiphenylamine	15.710	169	277401	5.283	ng	# 50
71) Phenanthrene	17.239	178	759156	7.993	ng	98
72) Anthracene	17.239	178	759156	8.096	ng	97

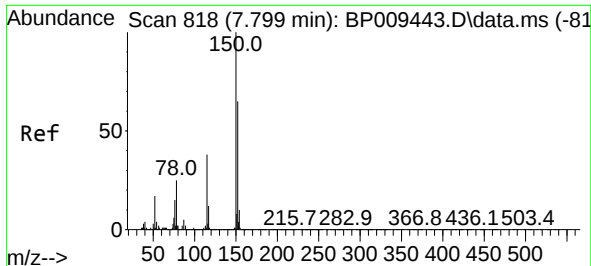
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009485.D
Acq On : 22 Mar 2022 13:33
Operator : CG/JU
Sample : N1709-07DL 40X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

Quant Time: Mar 23 01:20:51 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

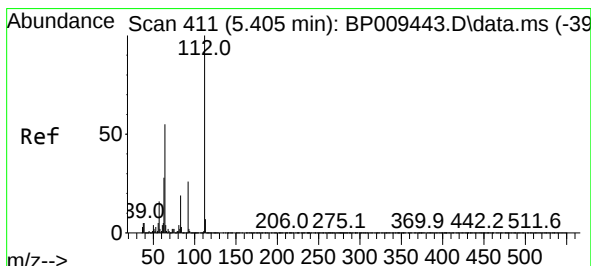
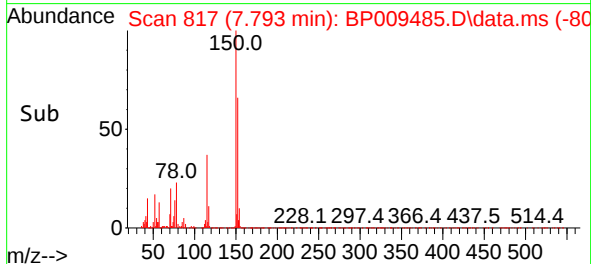
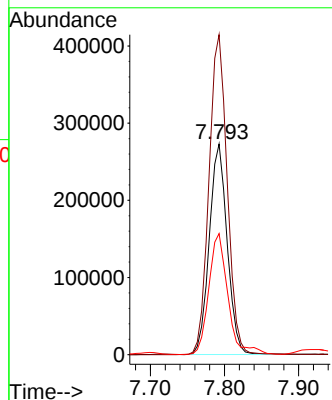
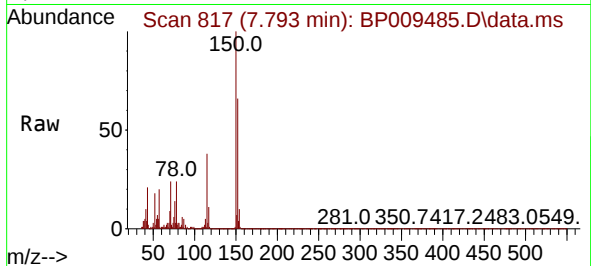




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

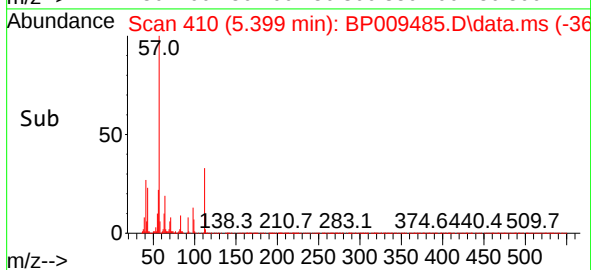
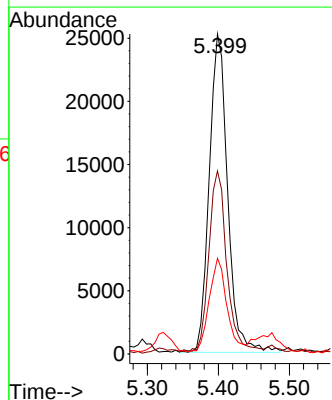
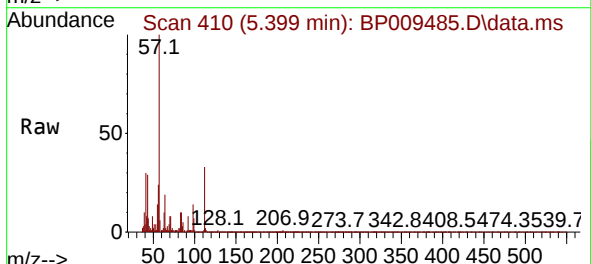
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

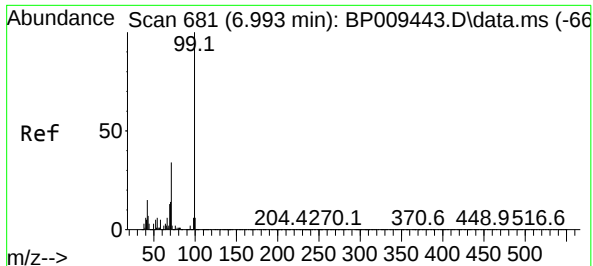
Tgt Ion:152 Resp: 458159
Ion Ratio Lower Upper
152 100
150 151.9 124.5 186.7
115 57.5 48.2 72.4



#5
2-Fluorophenol
Concen: 1.729 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion:112 Resp: 45376
Ion Ratio Lower Upper
112 100
64 57.2 45.0 67.4
63 29.9 23.0 34.6

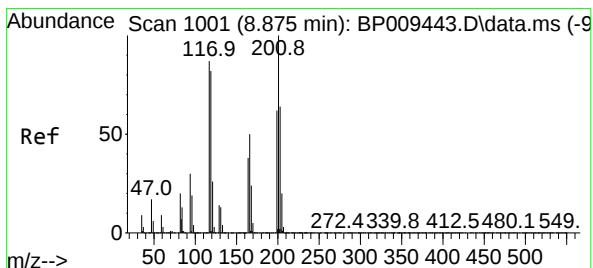
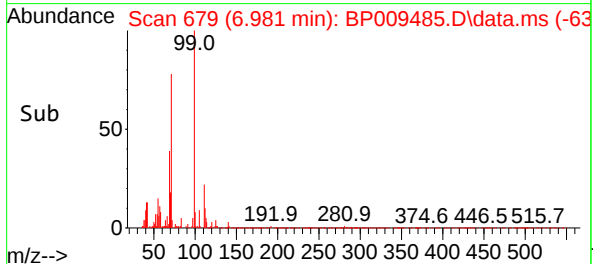
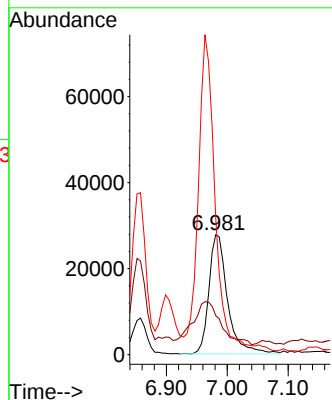
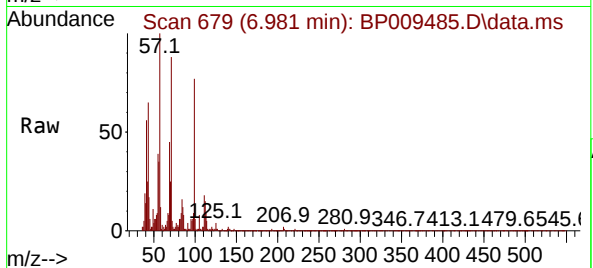




#7
Phenol-d6
Concen: 1.663 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

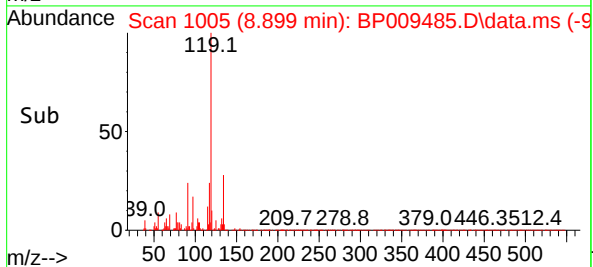
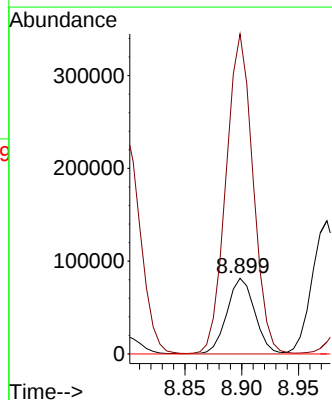
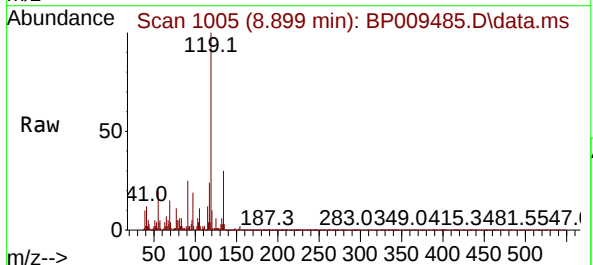
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

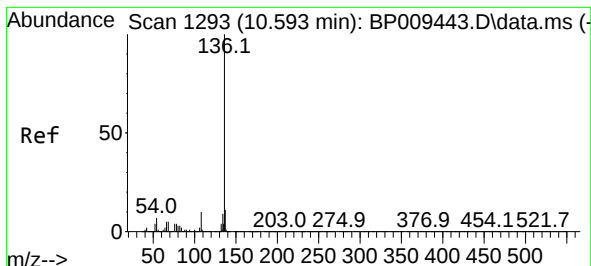
Tgt Ion: 99 Resp: 59019
Ion Ratio Lower Upper
99 100
42 32.7 12.8 19.2#
71 114.2 26.3 39.5#



#18
Hexachloroethane
Concen: 11.358 ng
RT: 8.899 min Scan# 1005
Delta R.T. 0.023 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion: 117 Resp: 137444
Ion Ratio Lower Upper
117 100
119 422.5 76.4 114.6#
201 0.0 83.4 125.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009485.D

Acq: 22 Mar 2022 13:33

Instrument :

BNA_P

ClientSampleId :

PPSP-B13-25.5-26.0DL

Tgt Ion:136 Resp: 1621795

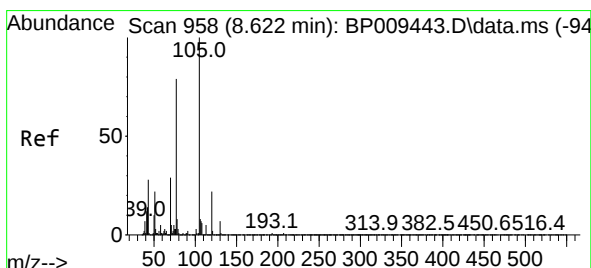
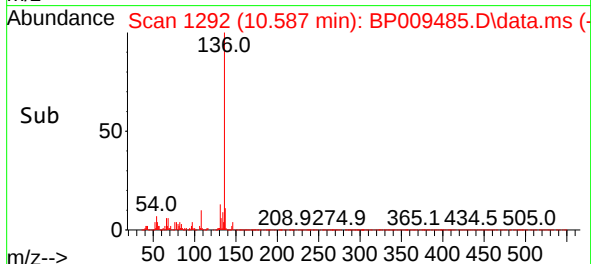
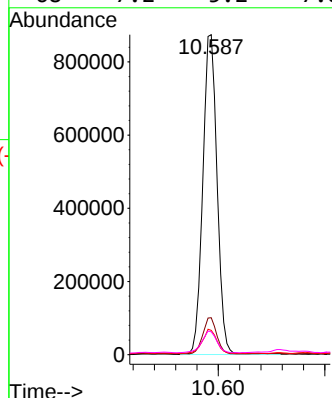
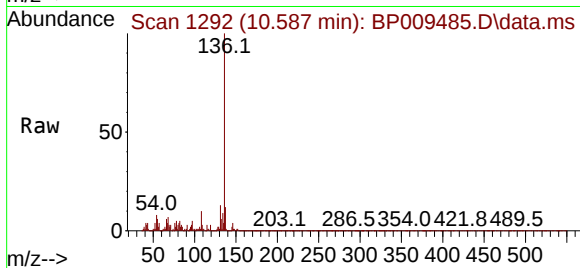
Ion Ratio Lower Upper

136 100

137 11.5 8.6 12.8

54 7.6 5.8 8.8

68 7.2 5.2 7.8



#22

Acetophenone

Concen: 8.182 ng

RT: 8.599 min Scan# 954

Delta R.T. -0.024 min

Lab File: BP009485.D

Acq: 22 Mar 2022 13:33

Tgt Ion:105 Resp: 328438

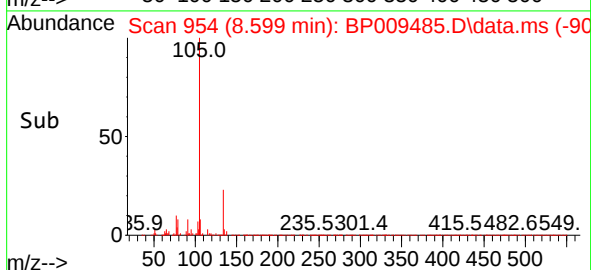
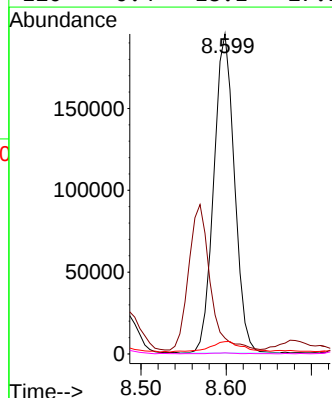
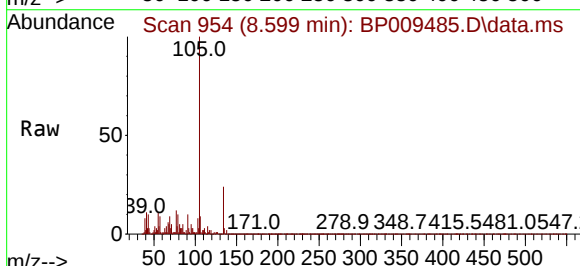
Ion Ratio Lower Upper

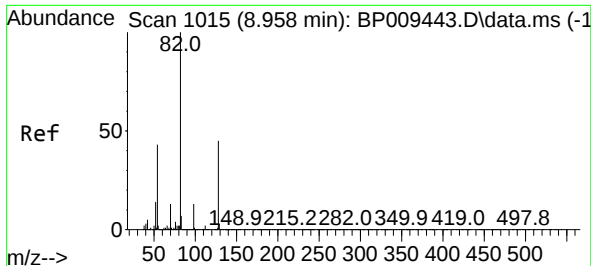
105 100

71 5.0 5.5 8.3#

51 3.9 18.9 28.3#

120 0.4 18.1 27.1#

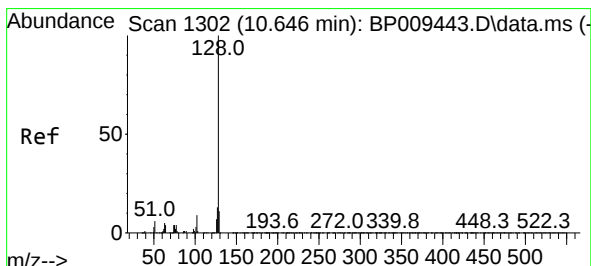
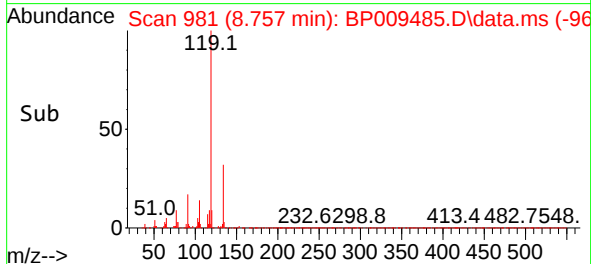
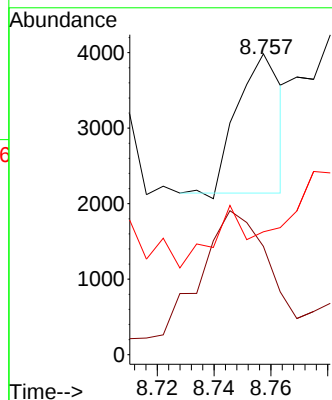
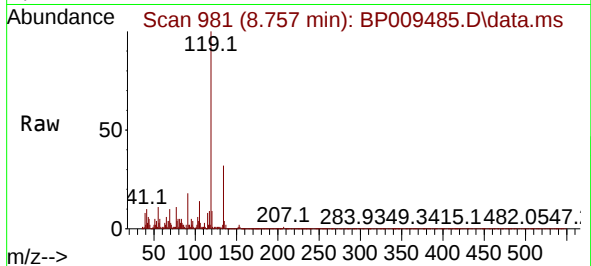




#23
Nitrobenzene-d5
Concen: 0.065 ng
RT: 8.757 min Scan# 91
Delta R.T. -0.200 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

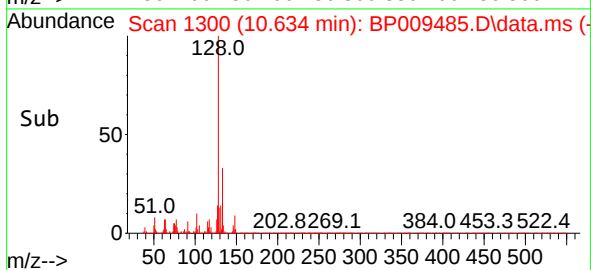
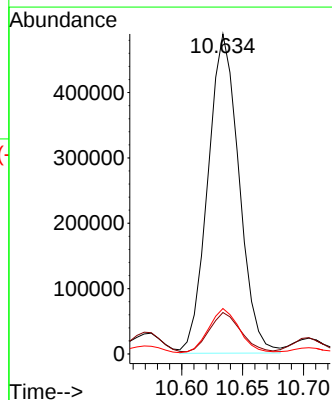
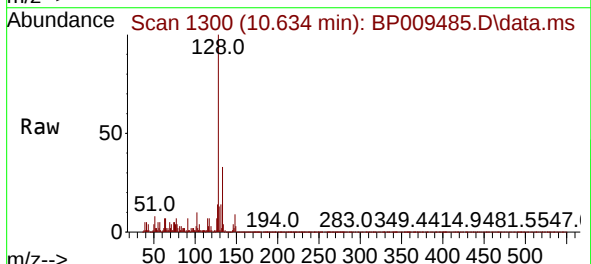
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

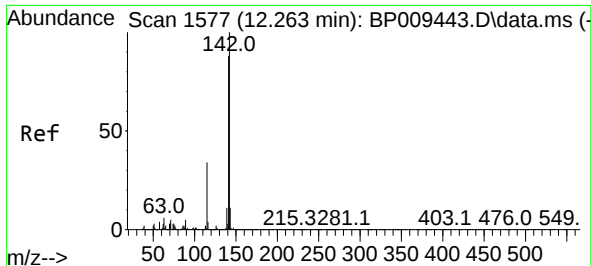
Tgt Ion: 82 Resp: 1977
Ion Ratio Lower Upper
82 100
128 36.0 34.2 51.4
54 40.9 34.7 52.1



#31
Naphthalene
Concen: 10.424 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion: 128 Resp: 870777
Ion Ratio Lower Upper
128 100
129 12.9 8.6 13.0
127 14.2 10.5 15.7

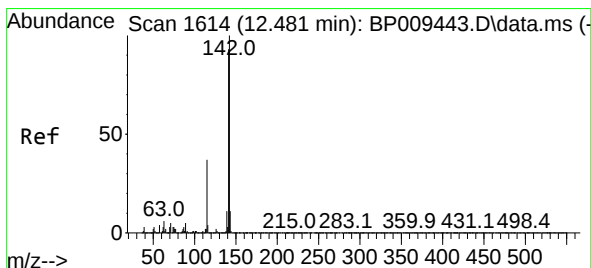
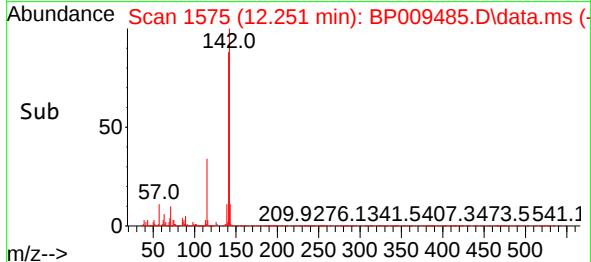
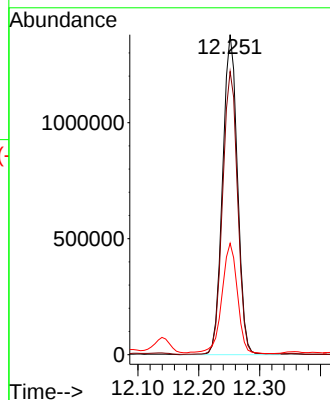
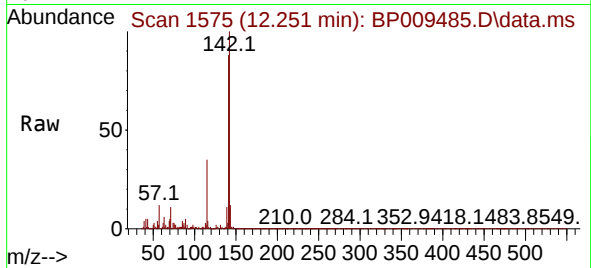




#37
2-Methylnaphthalene
Concen: 39.973 ng
RT: 12.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

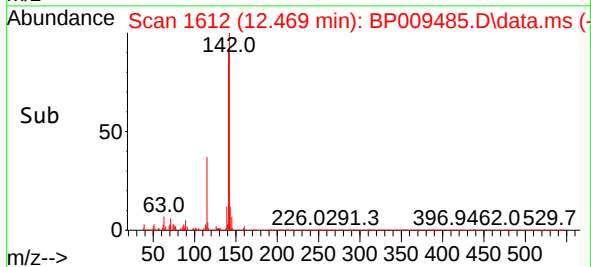
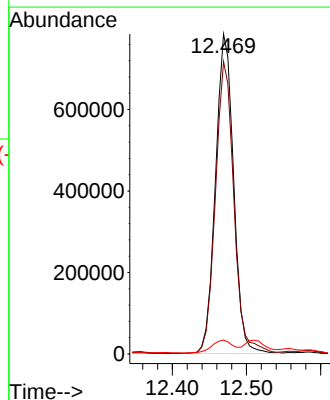
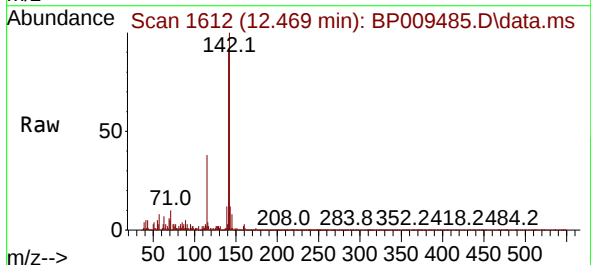
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

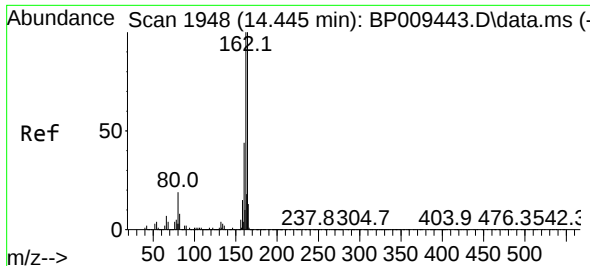
Tgt Ion:142 Resp: 2342953
Ion Ratio Lower Upper
142 100
141 88.5 70.2 105.4
115 34.8 27.4 41.2



#38
1-Methylnaphthalene
Concen: 23.254 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion:142 Resp: 1327812
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3
116 4.3 3.3 4.9

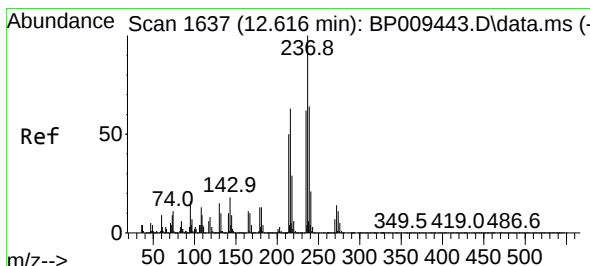
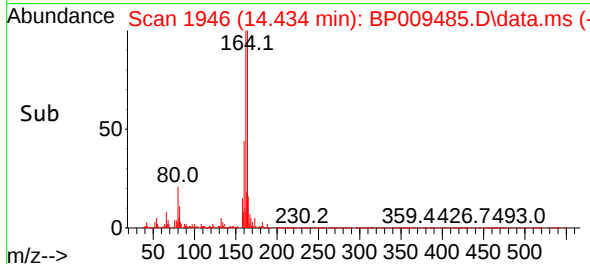
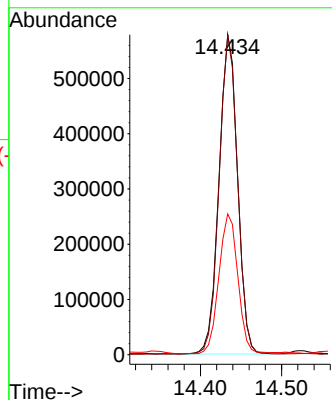
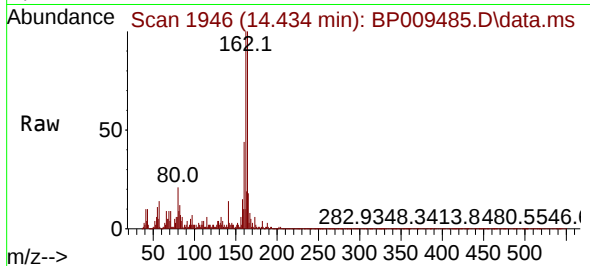




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1948
Delta R.T. -0.011 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

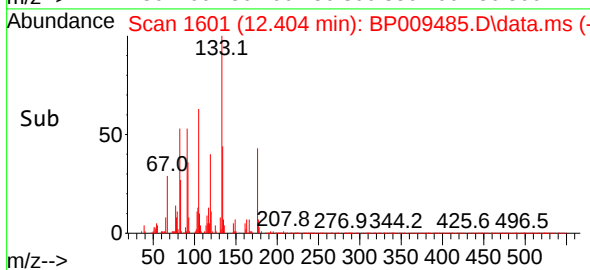
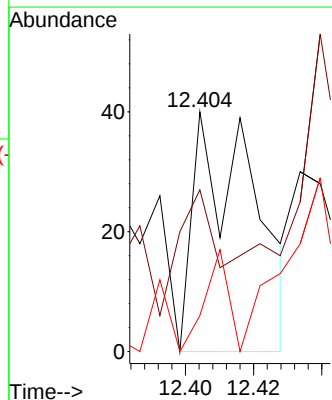
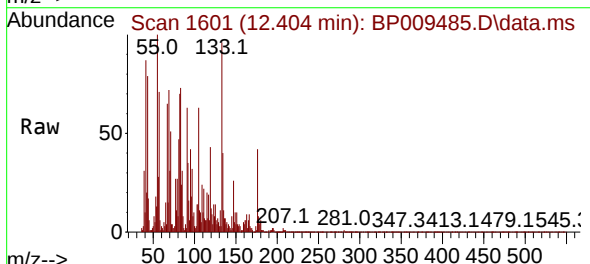
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

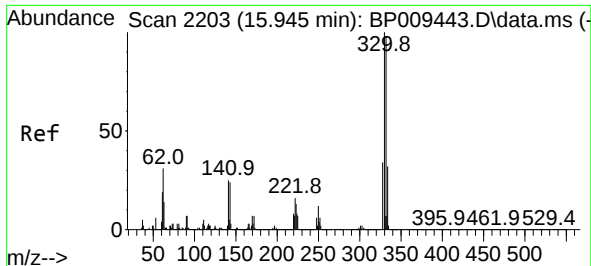
Tgt Ion:164 Resp: 921854
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 44.0 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.292 ng
RT: 12.404 min Scan# 1601
Delta R.T. -0.212 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion:237 Resp: 49
Ion Ratio Lower Upper
237 100
235 67.5 42.6 82.6
272 15.0 0.0 32.8

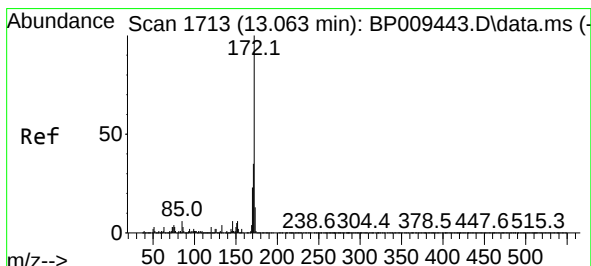
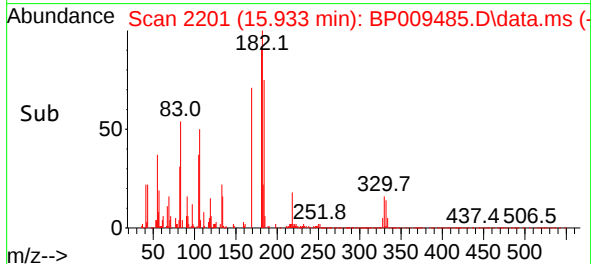
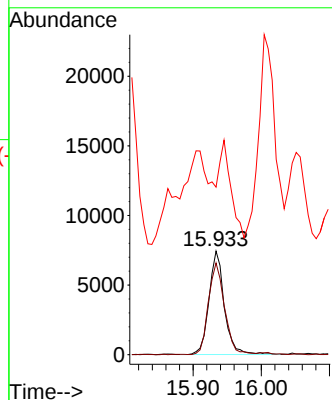
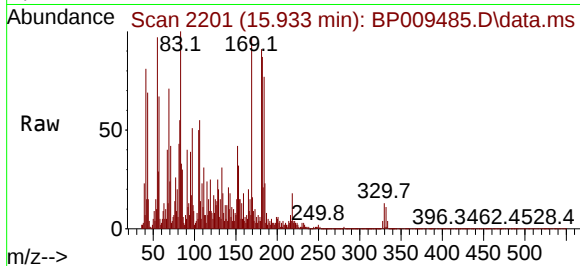




#42
2,4,6-Tribromophenol
Concen: 0.767 ng
RT: 15.933 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

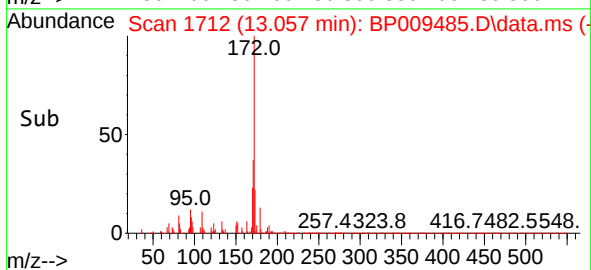
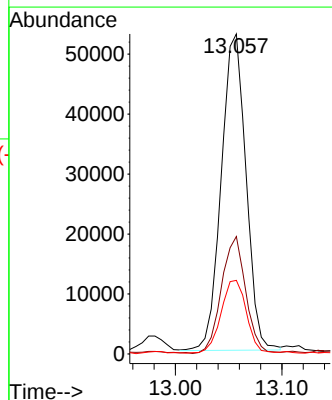
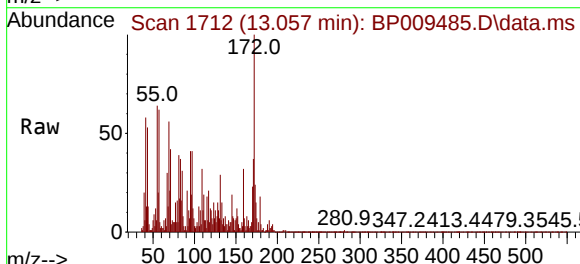
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

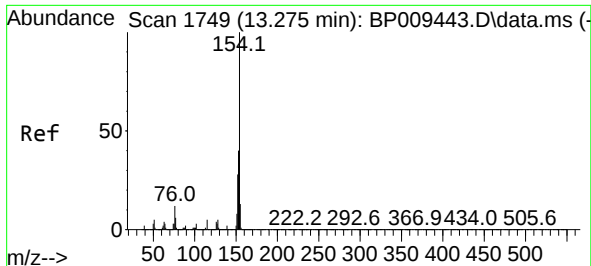
Tgt Ion: 330 Resp: 11671
Ion Ratio Lower Upper
330 100
332 92.6 77.0 115.6
141 69.4 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 1.281 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion: 172 Resp: 85180
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 23.0 18.6 27.8

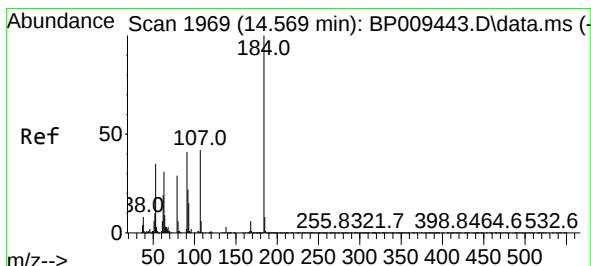
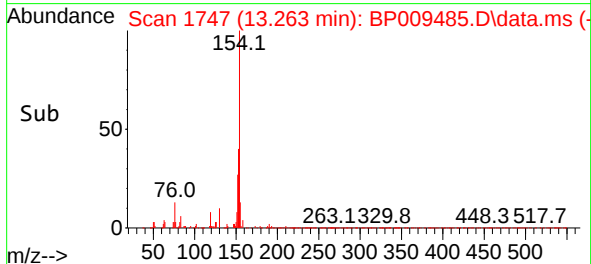
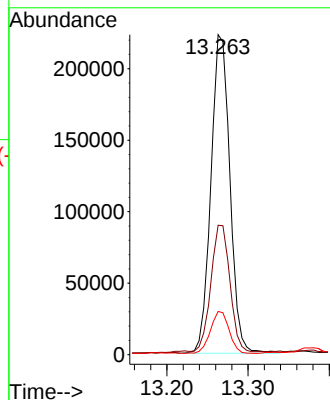
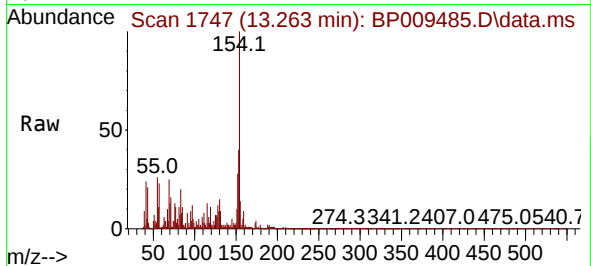




#46
1,1'-Biphenyl
Concen: 5.257 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

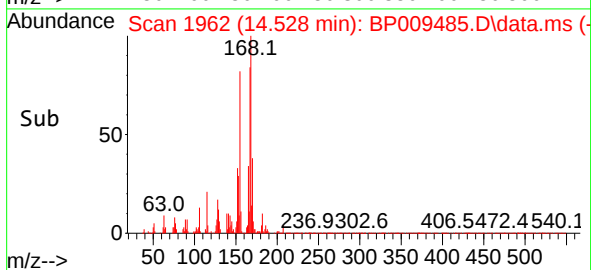
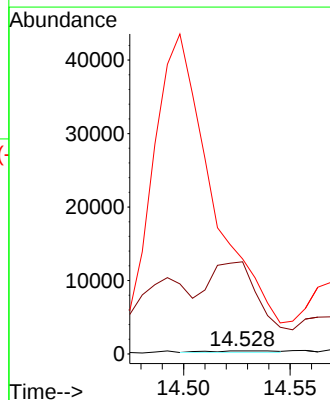
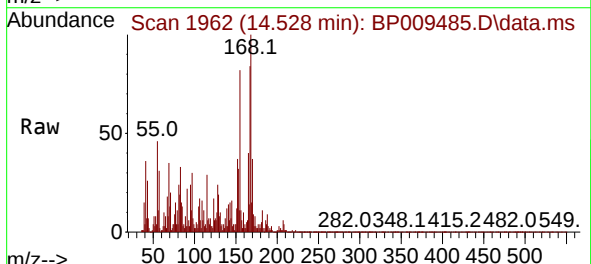
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

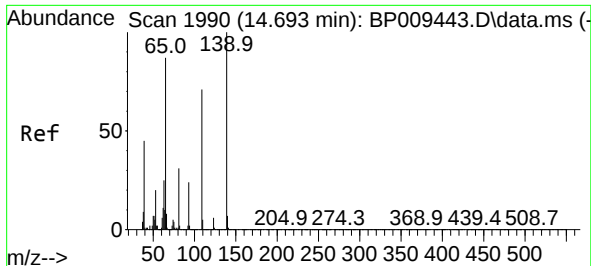
Tgt Ion:154 Resp: 361550
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 13.5 0.0 34.0



#54
2,4-Dinitrophenol
Concen: 4.585 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.041 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion:184 Resp: 502
Ion Ratio Lower Upper
184 100
63 2978.9 46.3 69.5#
154 3071.0 45.8 68.6#

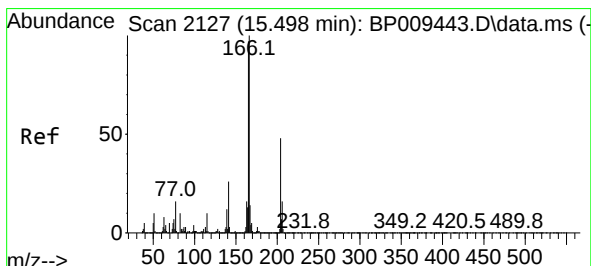
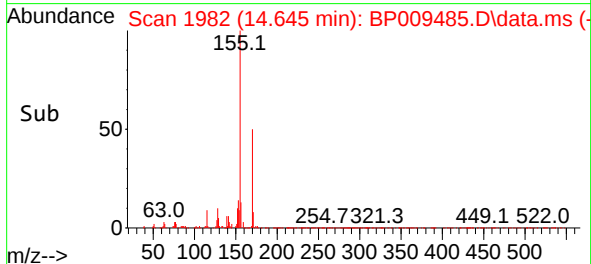
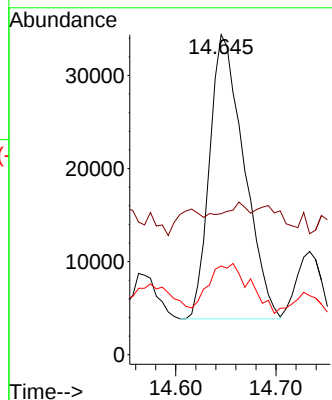
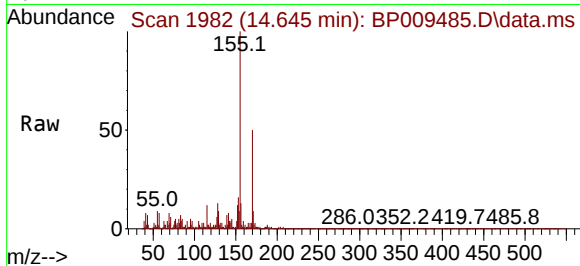




#56
4-Nitrophenol
Concen: 6.334 ng
RT: 14.645 min Scan# 1990
Delta R.T. -0.047 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

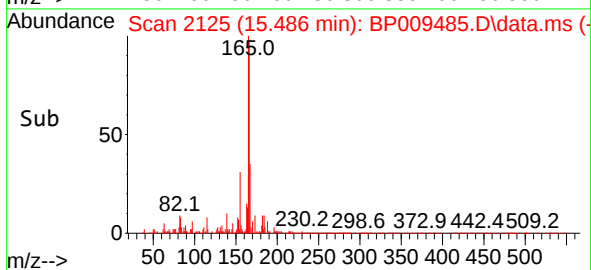
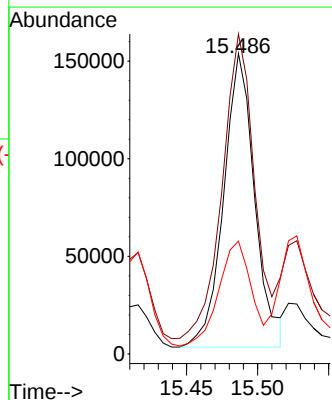
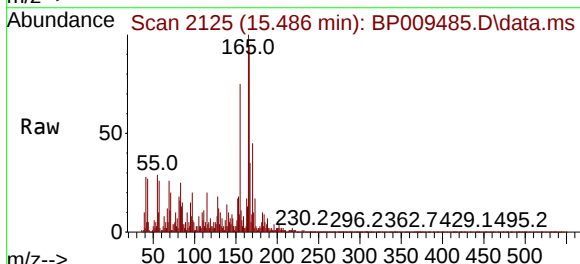
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

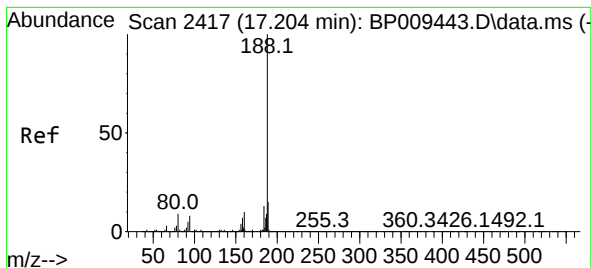
Tgt Ion:139 Resp: 72985
Ion Ratio Lower Upper
139 100
109 44.1 51.2 91.2#
65 27.7 73.2 113.2#



#58
Fluorene
Concen: 3.460 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion:166 Resp: 228238
Ion Ratio Lower Upper
166 100
165 106.5 79.2 118.8
167 37.6 10.7 16.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP009485.D

Acq: 22 Mar 2022 13:33

Instrument :

BNA_P

ClientSampleId :

PPSP-B13-25.5-26.0DL

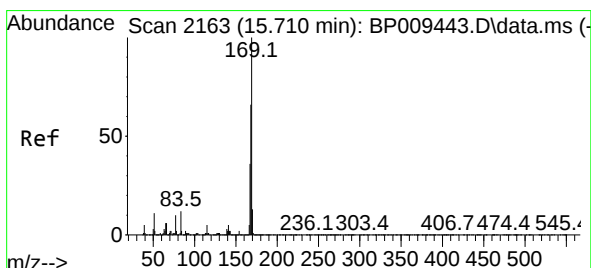
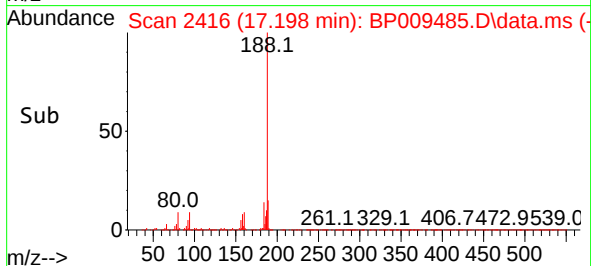
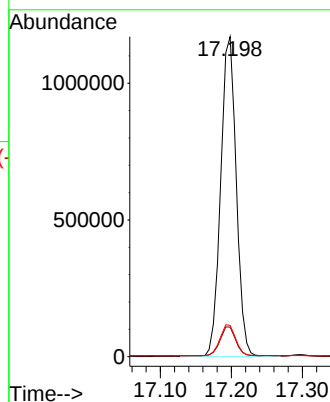
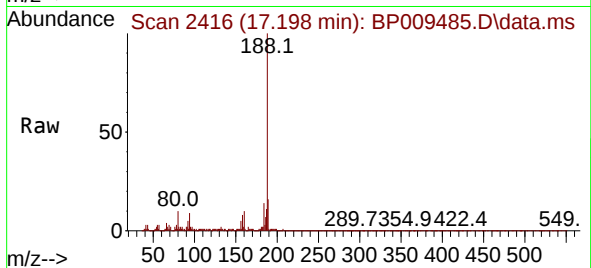
Tgt Ion:188 Resp: 1774285

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 9.8 8.8 13.2



#66

n-Nitrosodiphenylamine

Concen: 5.283 ng

RT: 15.710 min Scan# 2163

Delta R.T. -0.000 min

Lab File: BP009485.D

Acq: 22 Mar 2022 13:33

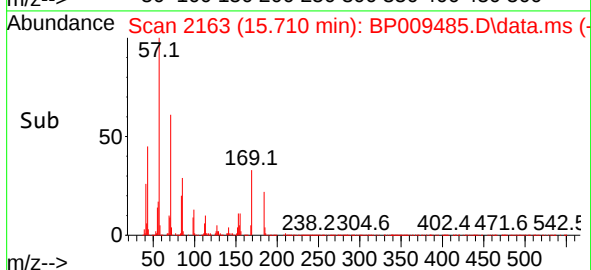
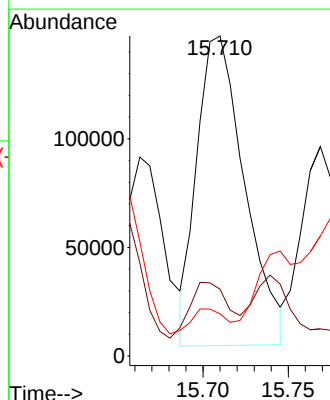
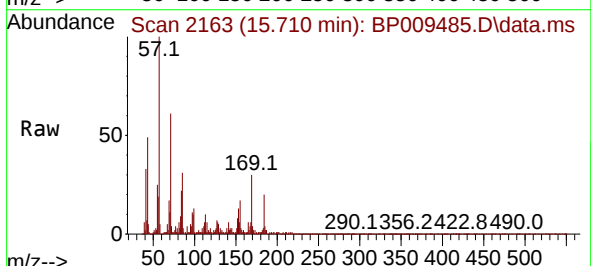
Tgt Ion:169 Resp: 277401

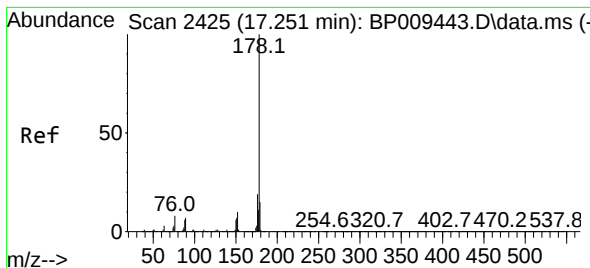
Ion Ratio Lower Upper

169 100

168 20.9 51.6 77.4#

167 13.2 29.0 43.4#





#71

Phenanthrene

Concen: 7.993 ng

RT: 17.239 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP009485.D

Acq: 22 Mar 2022 13:33

Instrument :

BNA_P

ClientSampleId :

PPSP-B13-25.5-26.0DL

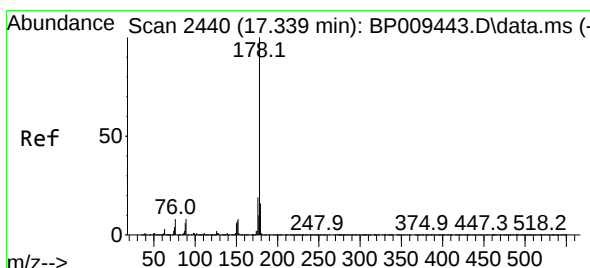
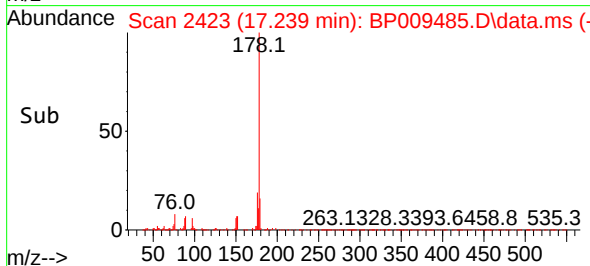
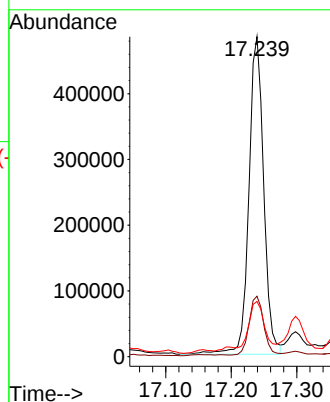
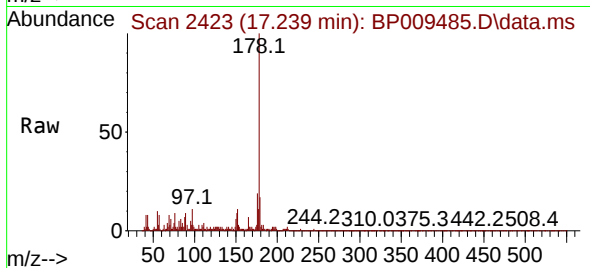
Tgt Ion:178 Resp: 759156

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 17.2 12.3 18.5



#72

Anthracene

Concen: 8.096 ng

RT: 17.239 min Scan# 2423

Delta R.T. -0.100 min

Lab File: BP009485.D

Acq: 22 Mar 2022 13:33

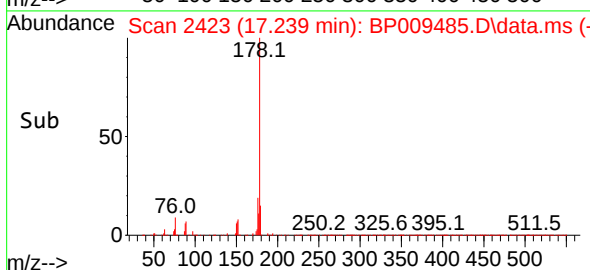
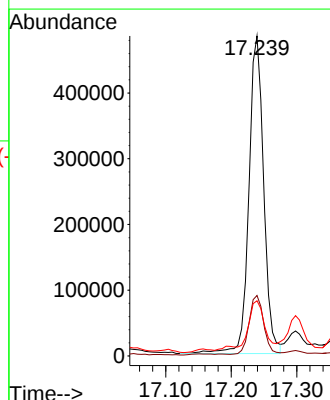
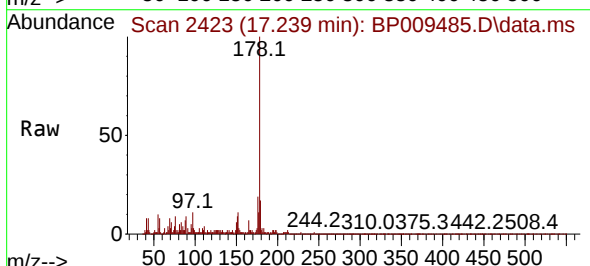
Tgt Ion:178 Resp: 759156

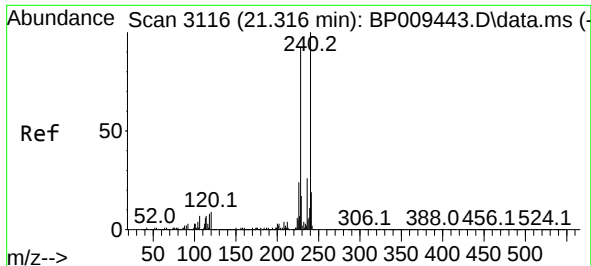
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 17.2 12.2 18.4

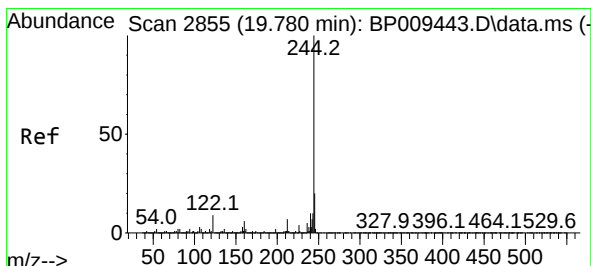
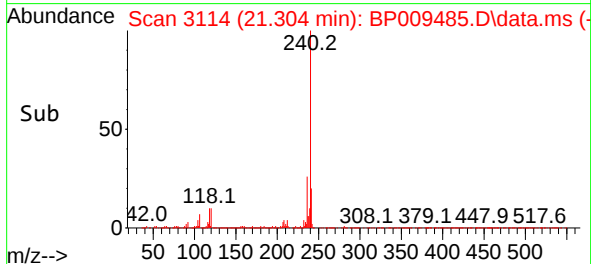
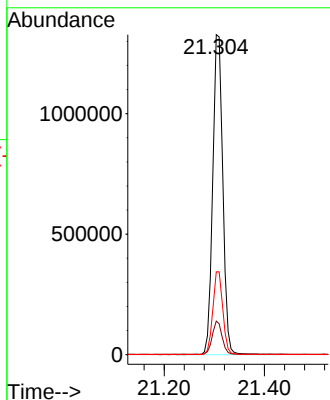
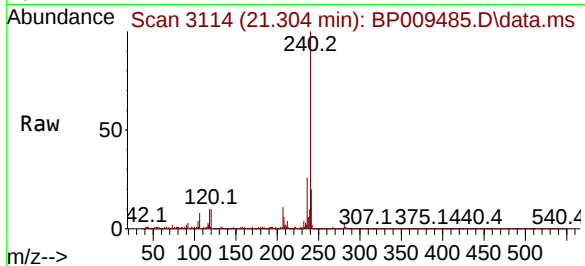




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

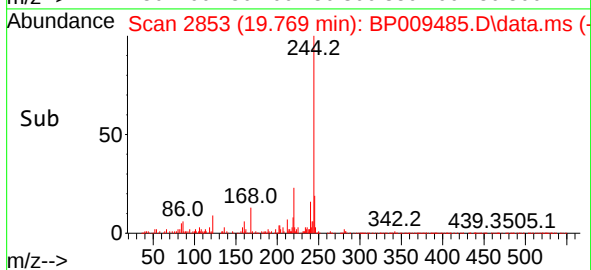
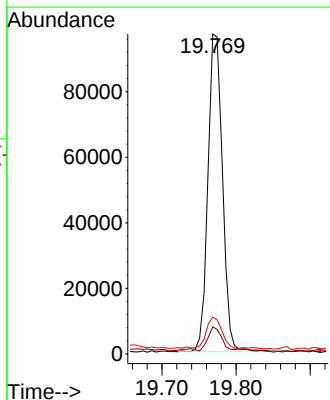
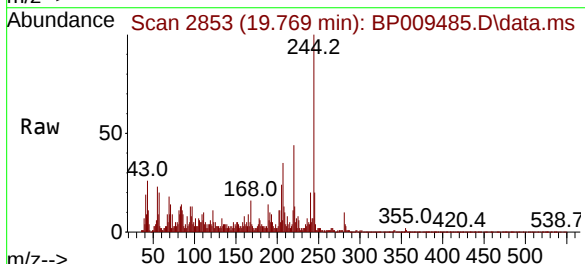
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

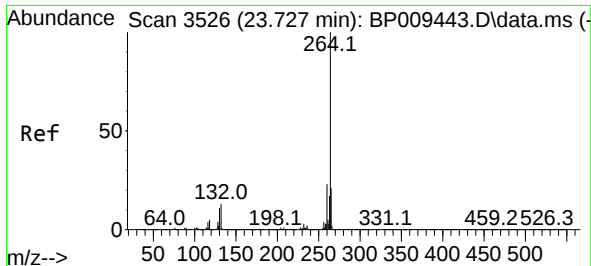
Tgt Ion:240 Resp: 1845763
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.9 20.6 30.8



#79
Terphenyl-d14
Concen: 1.290 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion:244 Resp: 132666
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.6
122 11.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.710 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP009485.D
 Acq: 22 Mar 2022 13:33

Instrument :
 BNA_P
 ClientSampleId :
 PPSP-B13-25.5-26.0DL

Tgt Ion:264 Resp: 2135784

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	22.2	17.2	25.8

