

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009685.D
 Acq On : 04 Apr 2022 18:41
 Operator : CG/JU
 Sample : N2226-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PFS-TP

Quant Time: Apr 04 23:26:55 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 31 04:36:51 2022
 Response via : Initial Calibration

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

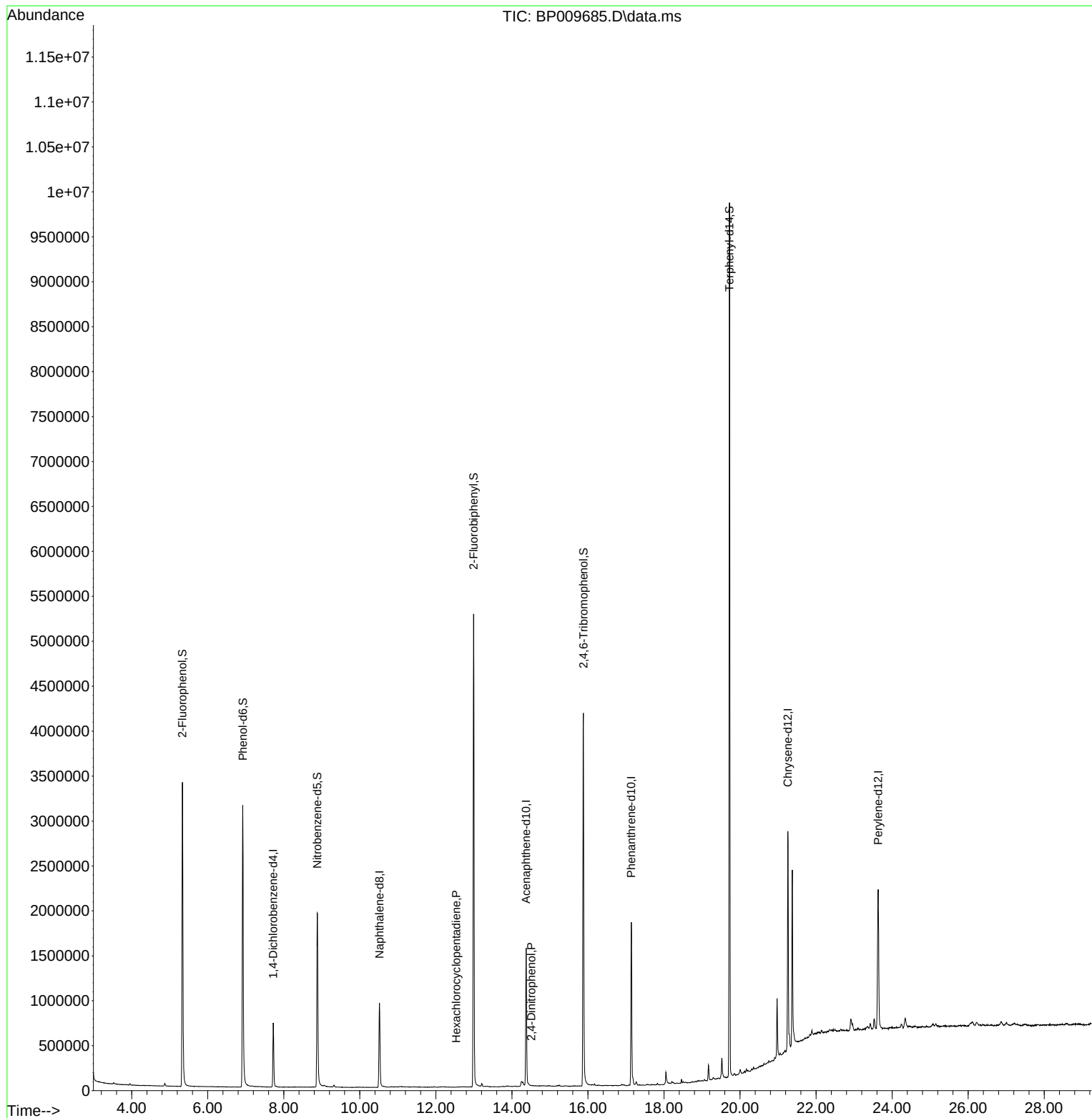
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	228949	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	921401	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	583305	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1243922	20.000	ng	-0.02
76) Chrysene-d12	21.257	240	1266673	20.000	ng	-0.02
86) Perylene-d12	23.633	264	1332079	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1761789	134.352	ng	-0.01
7) Phenol-d6	6.922	99	2223284	125.370	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1394255	80.412	ng	-0.02
42) 2,4,6-Tribromophenol	15.881	330	963068	100.053	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3027378	71.949	ng	-0.02
79) Terphenyl-d14	19.722	244	4940298	70.005	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.863	77	178	Below Cal	#	35
41) Hexachlorocyclopentadiene	12.540	237	16	7.290	ng	90
54) 2,4-Dinitrophenol	14.510	184	64	4.543	ng	# 1

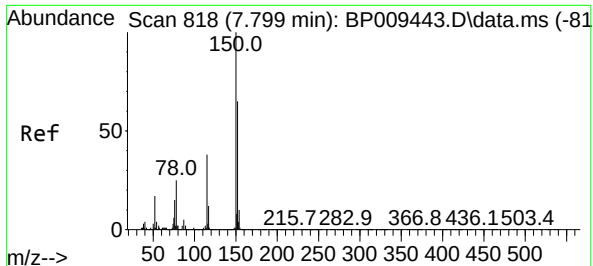
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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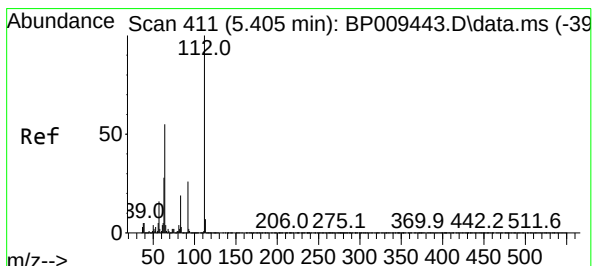
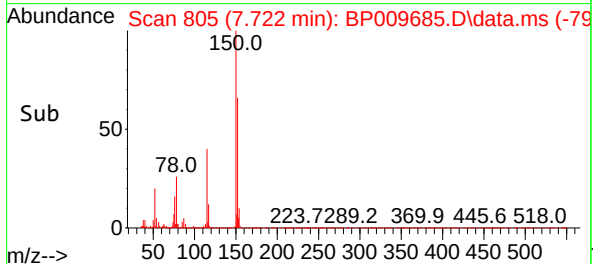
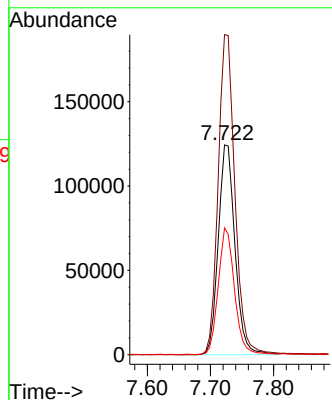
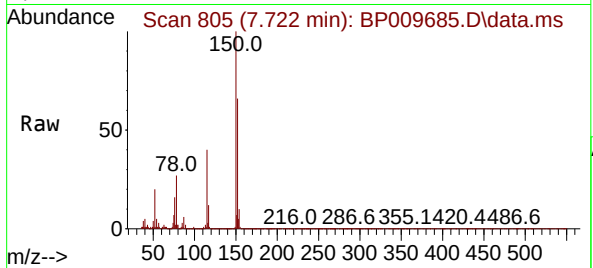




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP009685.D
Acq: 04 Apr 2022 18:41

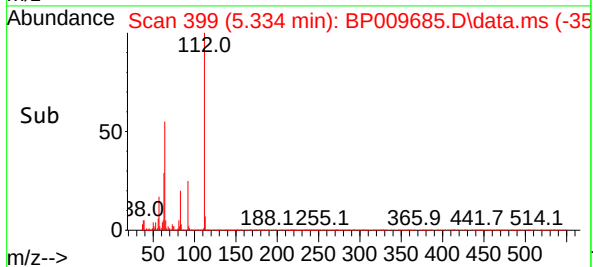
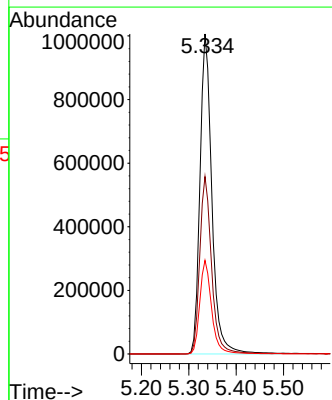
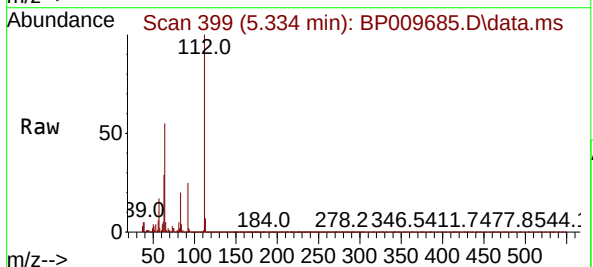
Instrument :
BNA_P
ClientSampleId :
PFS-TP

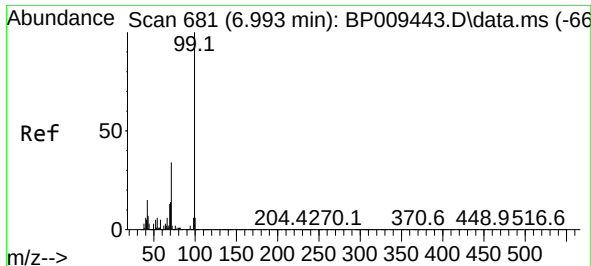
Tgt Ion:152 Resp: 228949
Ion Ratio Lower Upper
152 100
150 152.6 124.5 186.7
115 60.4 48.2 72.4



#5
2-Fluorophenol
Concen: 134.352 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009685.D
Acq: 04 Apr 2022 18:41

Tgt Ion:112 Resp: 1761789
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.4
63 29.3 23.0 34.6

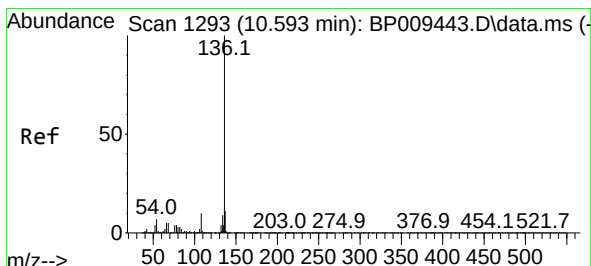
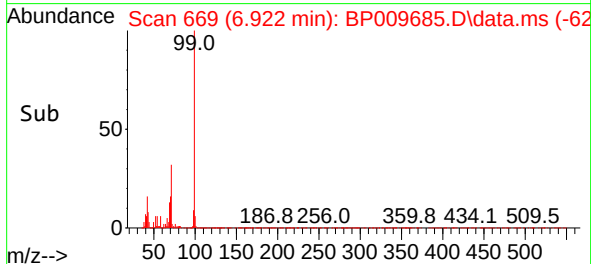
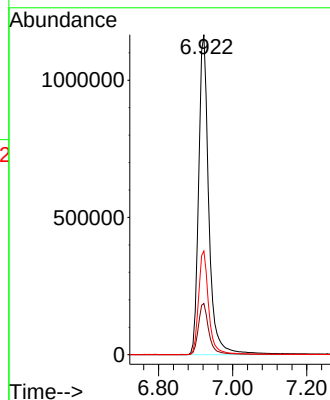
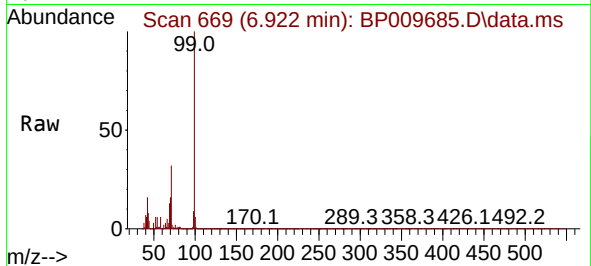




#7
Phenol-d6
Concen: 125.370 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009685.D
Acq: 04 Apr 2022 18:41

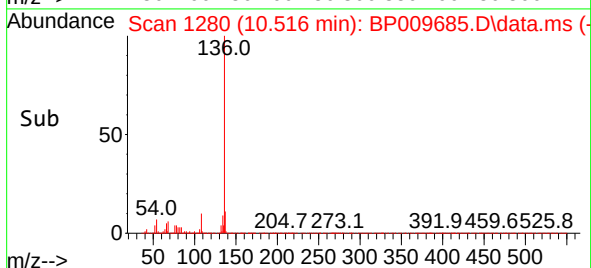
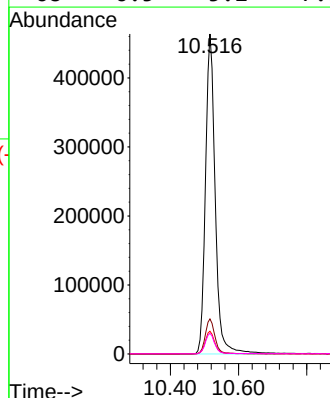
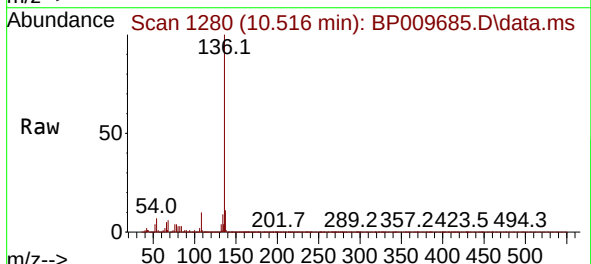
Instrument :
BNA_P
ClientSampleId :
PFS-TP

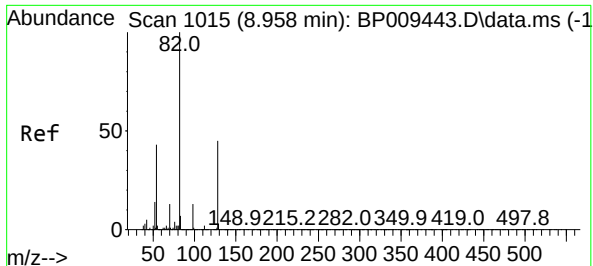
Tgt Ion: 99 Resp: 2223284
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 32.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009685.D
Acq: 04 Apr 2022 18:41

Tgt Ion: 136 Resp: 921401
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.1 5.8 8.8
68 6.5 5.2 7.8

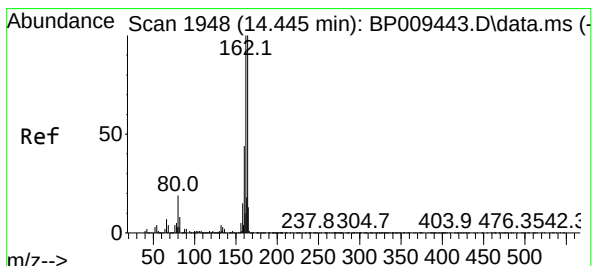
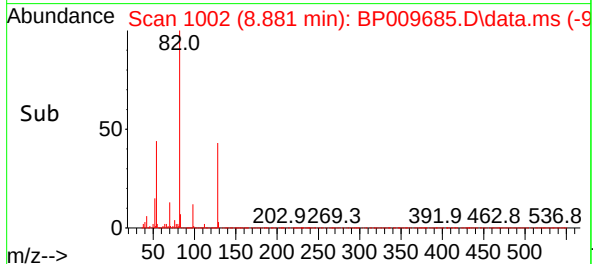
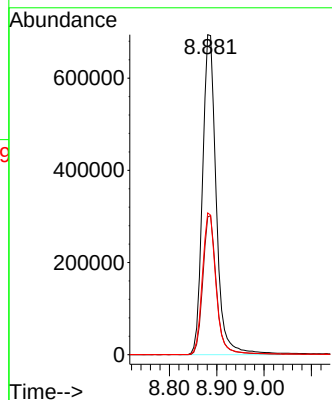
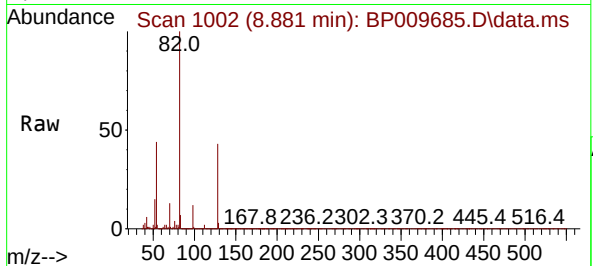




#23
Nitrobenzene-d5
Concen: 80.412 ng
RT: 8.881 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BP009685.D
Acq: 04 Apr 2022 18:41

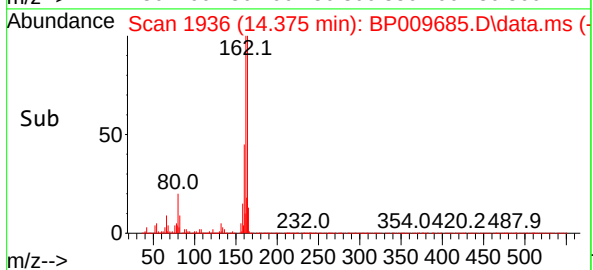
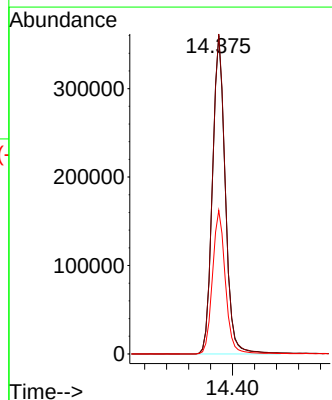
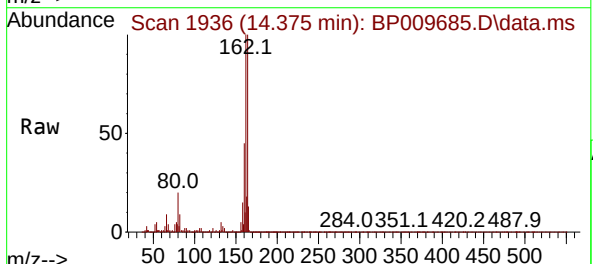
Instrument :
BNA_P
ClientSampleId :
PFS-TP

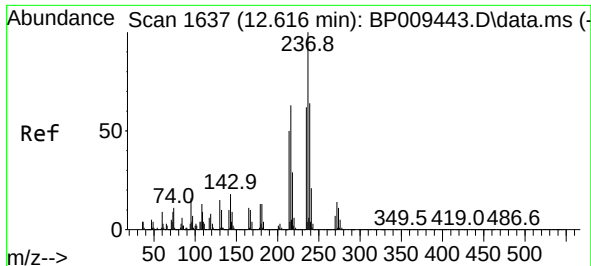
Tgt Ion: 82 Resp: 1394255
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 44.3 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BP009685.D
Acq: 04 Apr 2022 18:41

Tgt Ion:164 Resp: 583305
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 45.1 34.9 52.3

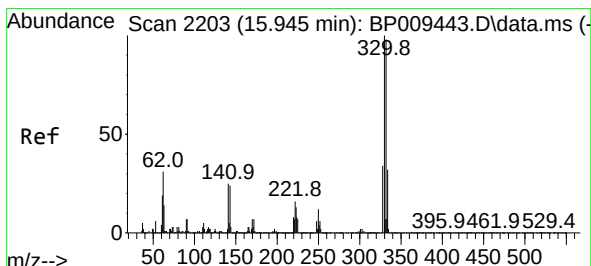
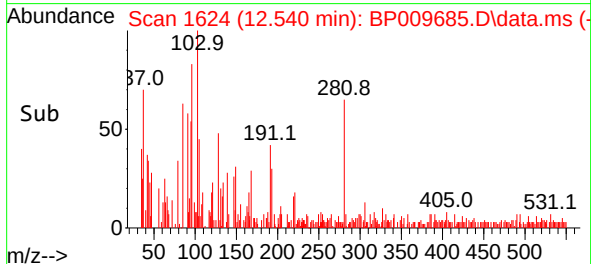
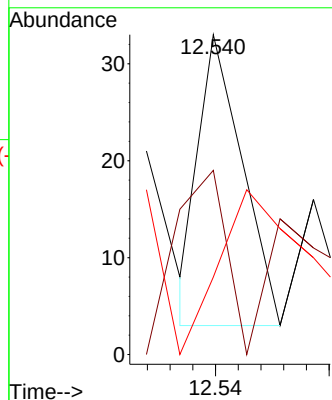
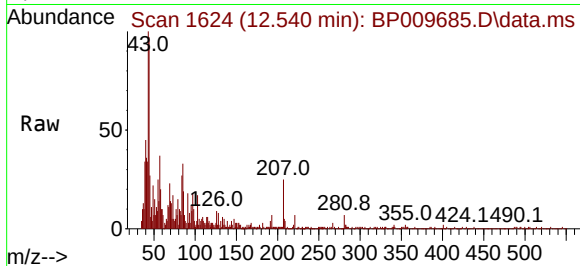




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009685.D
Acq: 04 Apr 2022 18:41

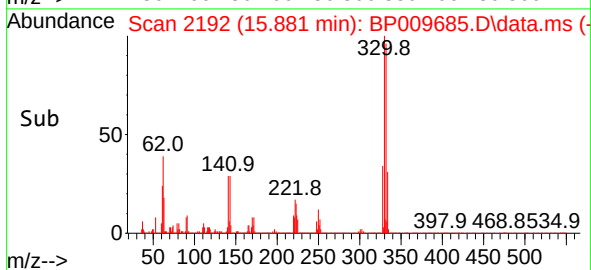
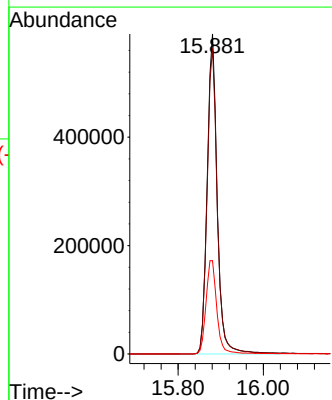
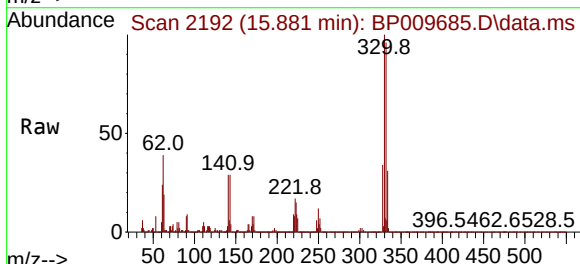
Instrument :
BNA_P
ClientSampleId :
PFS-TP

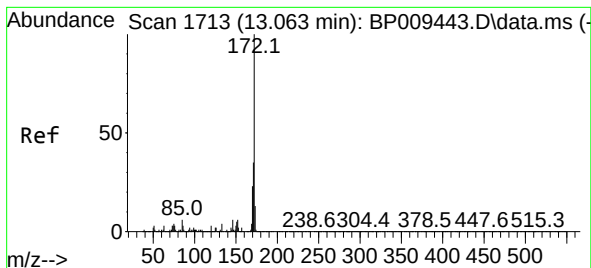
Tgt Ion:237	Resp:	16
Ion Ratio	Lower	Upper
237	100	
235	57.6	42.6 82.6
272	24.2	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 100.053 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009685.D
Acq: 04 Apr 2022 18:41

Tgt Ion:330	Resp:	963068
Ion Ratio	Lower	Upper
330	100	
332	97.0	77.0 115.6
141	31.7	27.6 41.4





#45

2-Fluorobiphenyl

Concen: 71.949 ng

RT: 12.993 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP009685.D

Acq: 04 Apr 2022 18:41

Instrument :

BNA_P

ClientSampleId :

PFS-TP

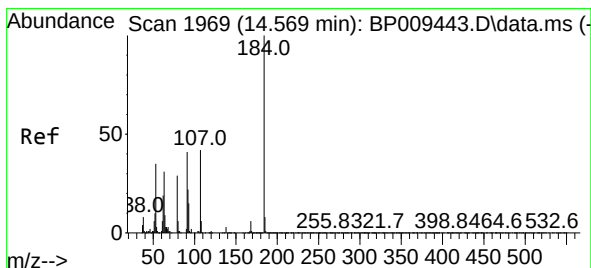
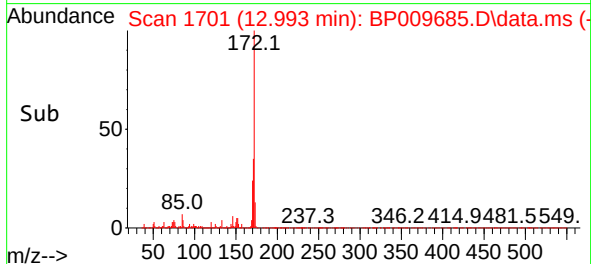
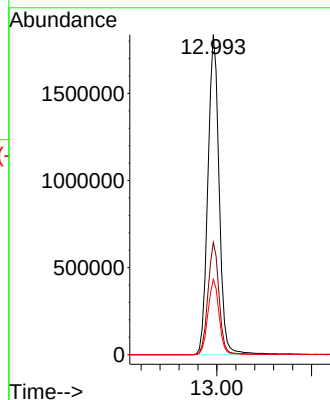
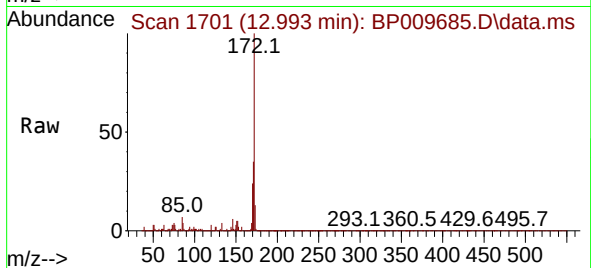
Tgt Ion:172 Resp: 3027378

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.6 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.543 ng

RT: 14.510 min Scan# 1959

Delta R.T. -0.018 min

Lab File: BP009685.D

Acq: 04 Apr 2022 18:41

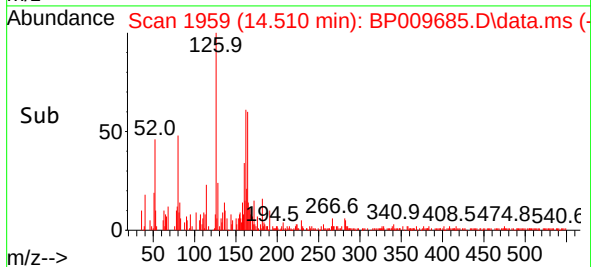
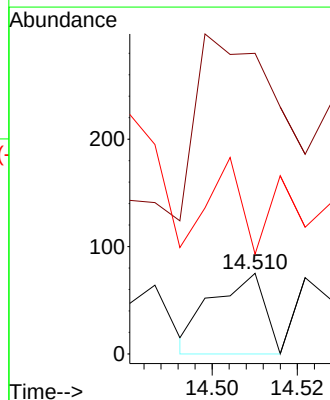
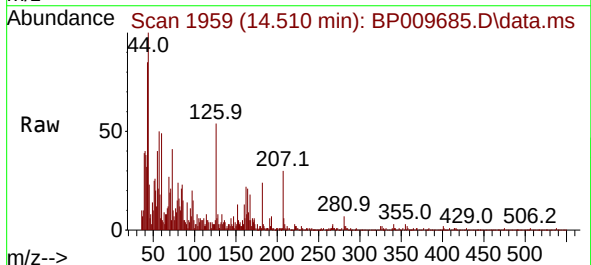
Tgt Ion:184 Resp: 64

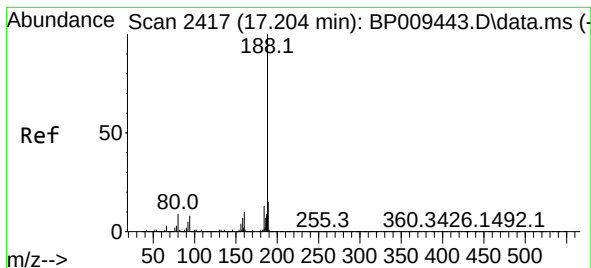
Ion Ratio Lower Upper

184 100

63 373.3 46.3 69.5#

154 124.0 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2417

Delta R.T. -0.018 min

Lab File: BP009685.D

Acq: 04 Apr 2022 18:41

Instrument :

BNA_P

ClientSampleId :

PFS-TP

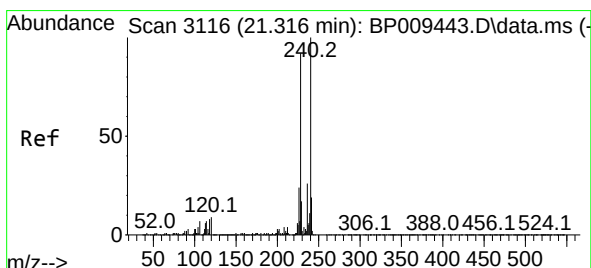
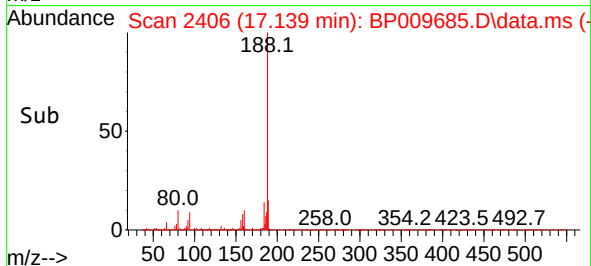
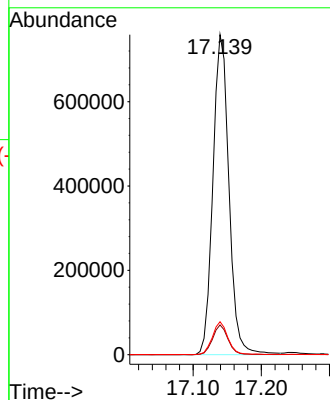
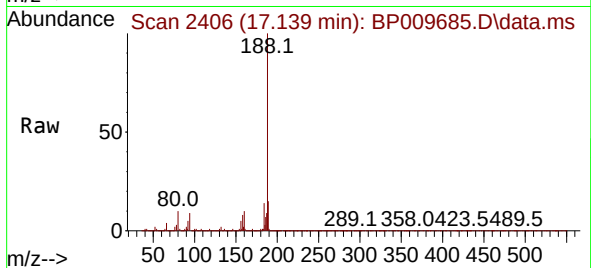
Tgt Ion:188 Resp: 1243922

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.3 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.257 min Scan# 3106

Delta R.T. -0.018 min

Lab File: BP009685.D

Acq: 04 Apr 2022 18:41

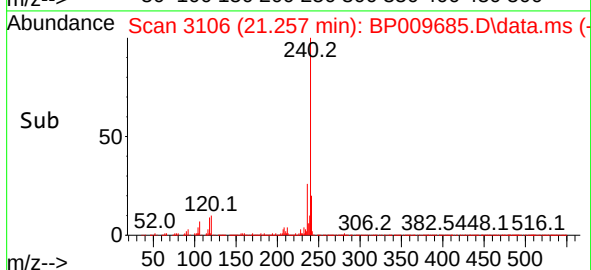
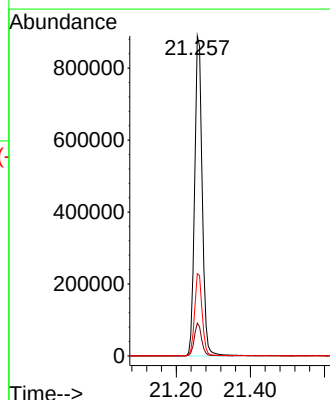
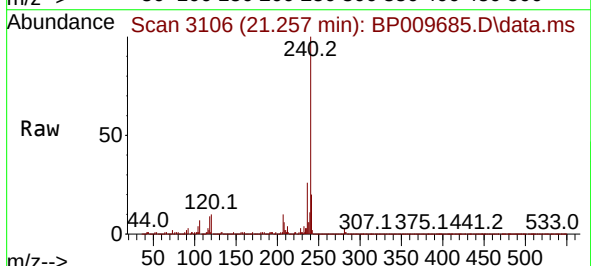
Tgt Ion:240 Resp: 1266673

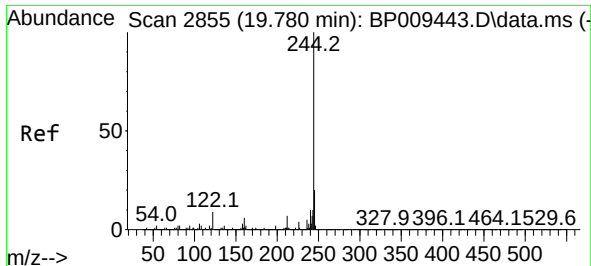
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 25.7 20.6 30.8

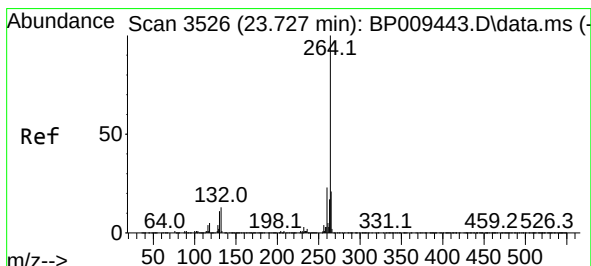
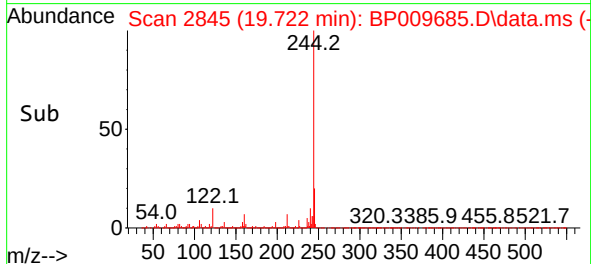
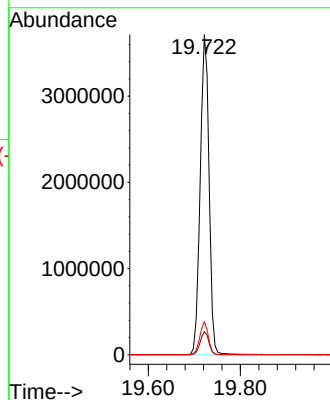
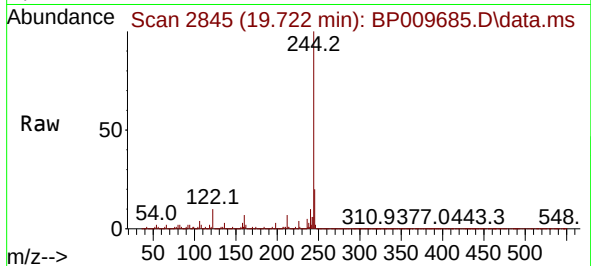




#79
 Terphenyl-d14
 Concen: 70.005 ng
 RT: 19.722 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP009685.D
 Acq: 04 Apr 2022 18:41

Instrument :
 BNA_P
 ClientSampleId :
 PFS-TP

Tgt Ion:244 Resp: 4940298
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 3510
 Delta R.T. -0.018 min
 Lab File: BP009685.D
 Acq: 04 Apr 2022 18:41

Tgt Ion:264 Resp: 1332079
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.8 17.2 25.8

