

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111422\
 Data File : BP012647.D
 Acq On : 14 Nov 2022 11:12
 Operator : CG/JU
 Sample : PB148922BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB148922BL

Quant Time: Nov 14 16:57:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 14 04:00:17 2022
 Response via : Initial Calibration

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

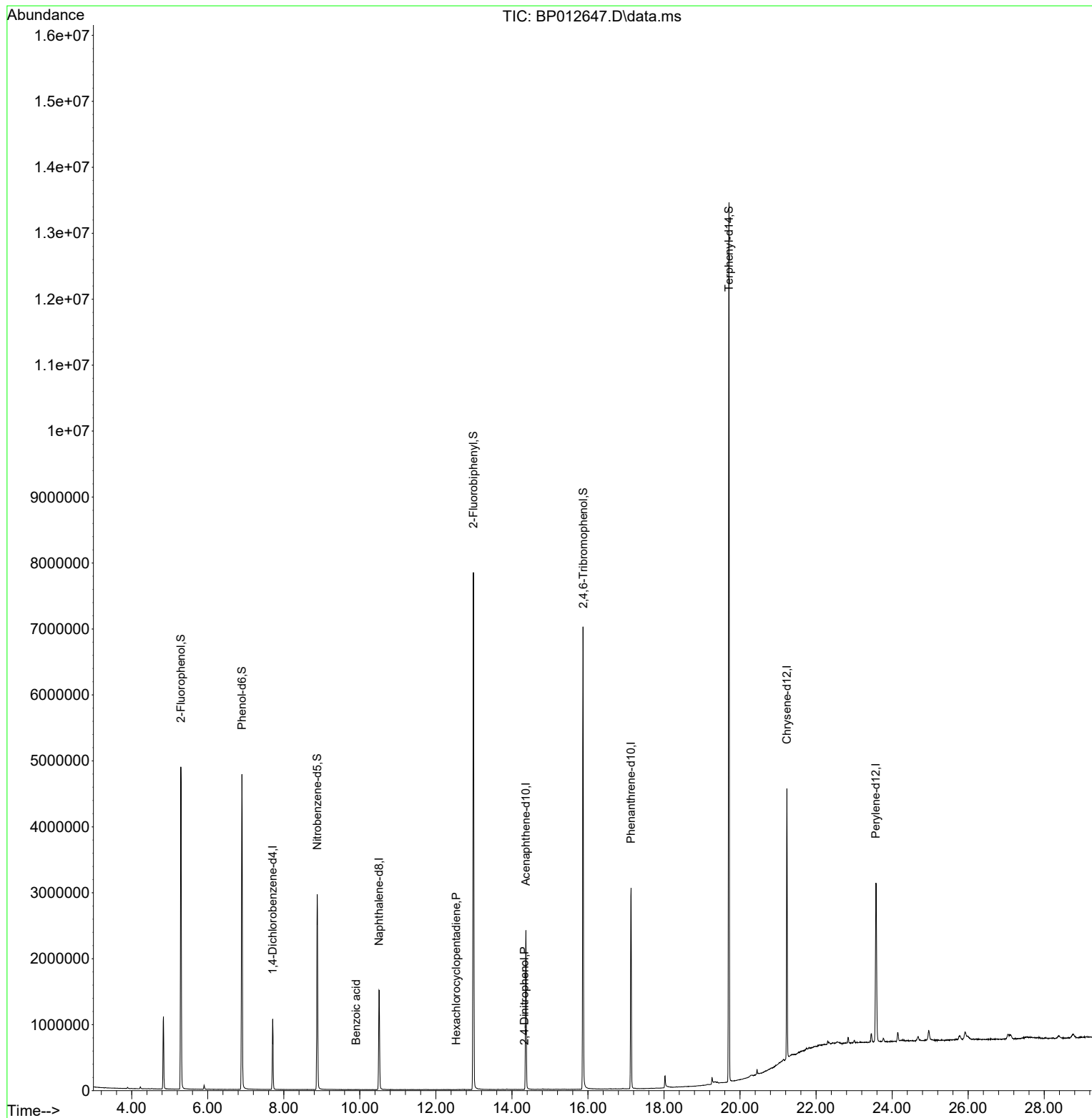
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	293681	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1300149	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	858617	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1852577	20.000	ng	0.00
76) Chrysene-d12	21.233	240	1906814	20.000	ng	0.00
86) Perylene-d12	23.574	264	1891169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	2226622	141.178	ng	0.00
7) Phenol-d6	6.899	99	2901839	132.552	ng	0.00
23) Nitrobenzene-d5	8.881	82	1779984	75.954	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1493693	127.434	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	4214968	74.523	ng	0.00
79) Terphenyl-d14	19.710	244	6907916	73.394	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.904	122	25	5.014	ng	# 1
41) Hexachlorocyclopentadiene	12.540	237	32	5.154	ng	87
54) 2,4-Dinitrophenol	14.328	184	50	4.845	ng	96

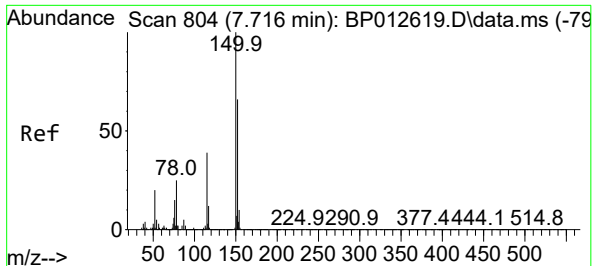
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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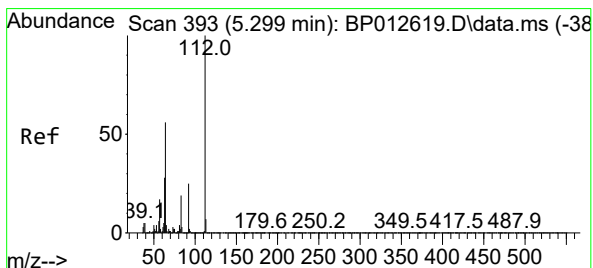
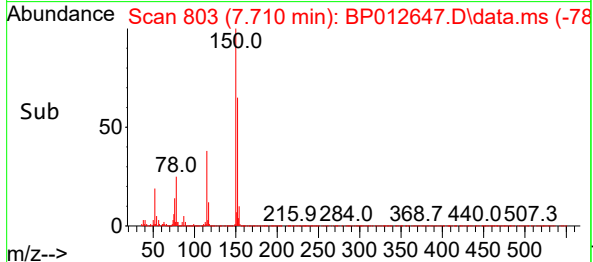
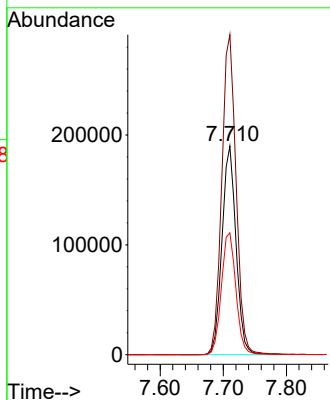
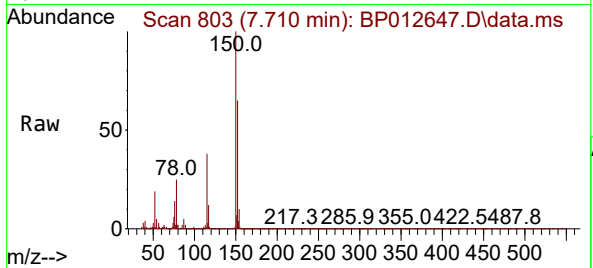




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

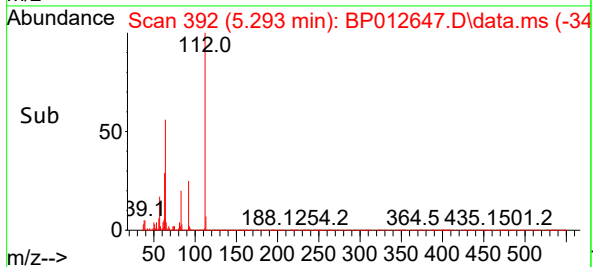
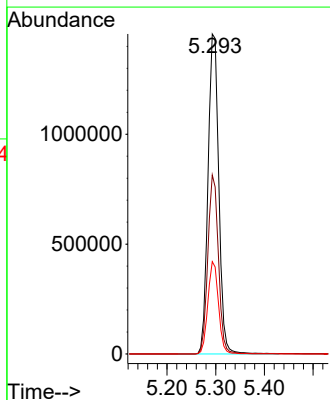
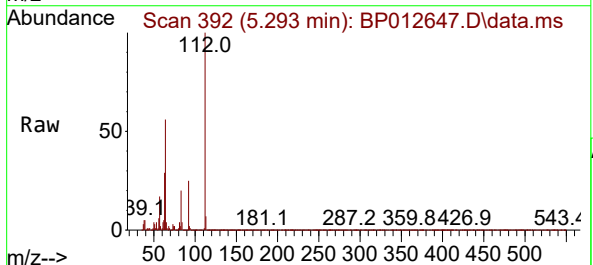
Instrument :
BNA_P
ClientSampleId :
PB148922BL

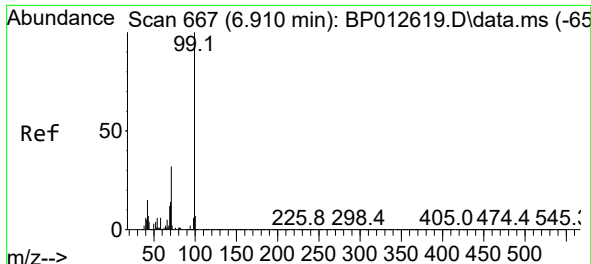
Tgt Ion:152 Resp: 293681
Ion Ratio Lower Upper
152 100
150 153.3 122.1 183.1
115 58.4 47.3 70.9



#5
2-Fluorophenol
Concen: 141.178 ng
RT: 5.293 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

Tgt Ion:112 Resp: 2226622
Ion Ratio Lower Upper
112 100
64 56.0 44.6 67.0
63 28.8 22.8 34.2

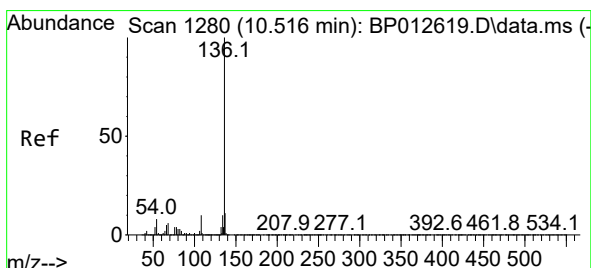
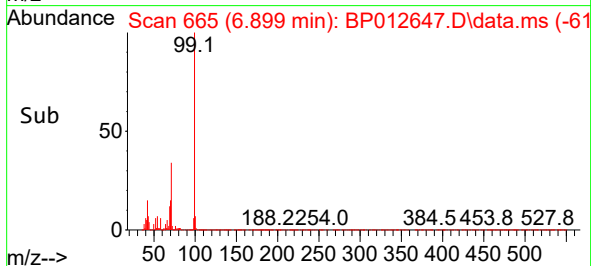
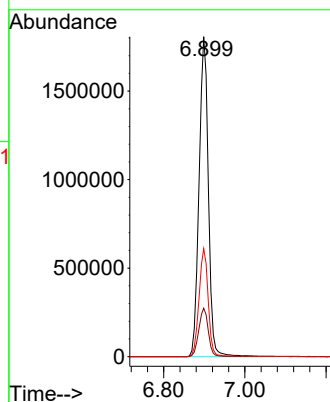
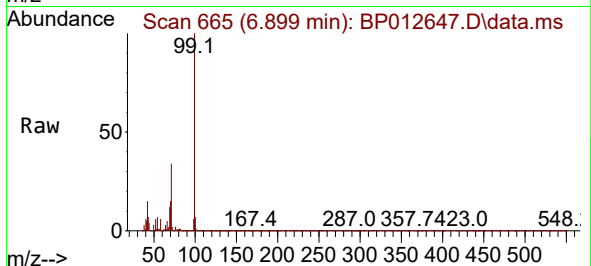




#7
Phenol-d6
Concen: 132.552 ng
RT: 6.899 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

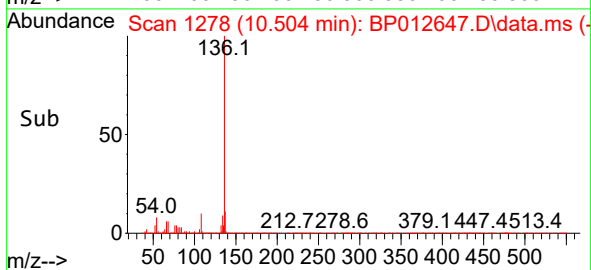
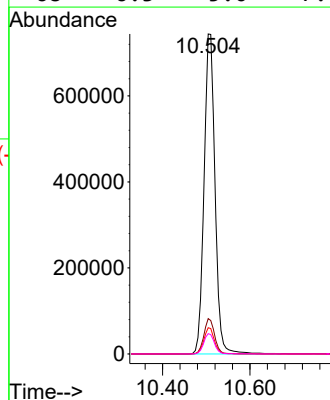
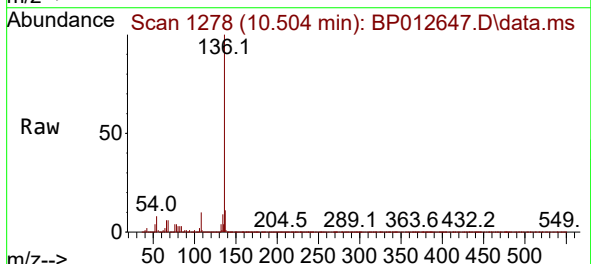
Instrument :
BNA_P
ClientSampleId :
PB148922BL

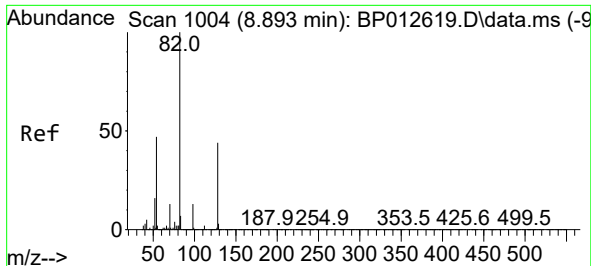
Tgt Ion: 99 Resp: 2901839
Ion Ratio Lower Upper
99 100
42 15.1 12.2 18.2
71 33.8 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

Tgt Ion:136 Resp: 1300149
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.2 6.4 9.6
68 6.3 5.0 7.6

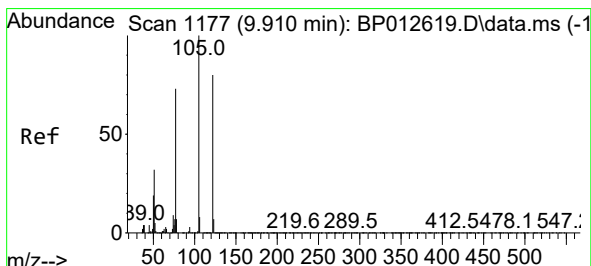
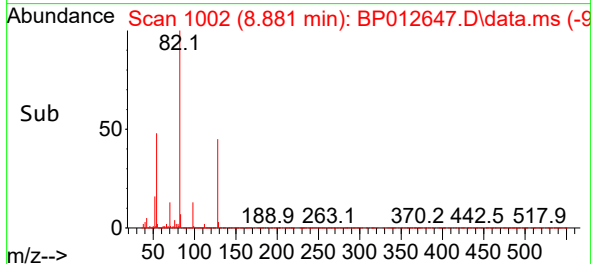
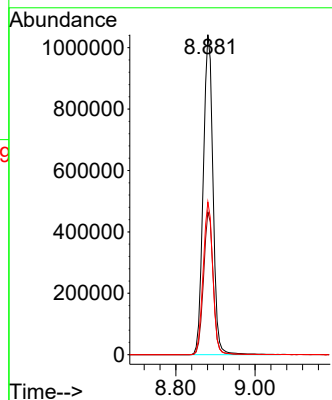
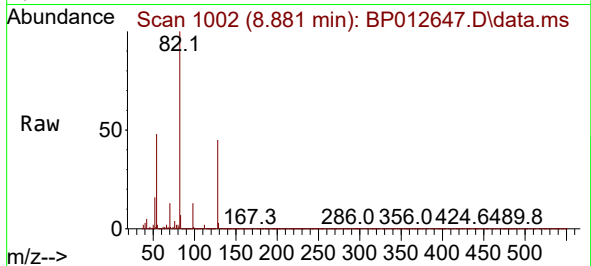




#23
Nitrobenzene-d5
Concen: 75.954 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

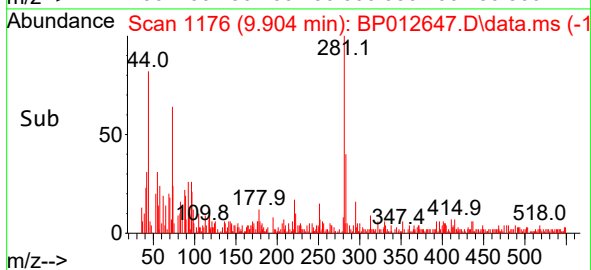
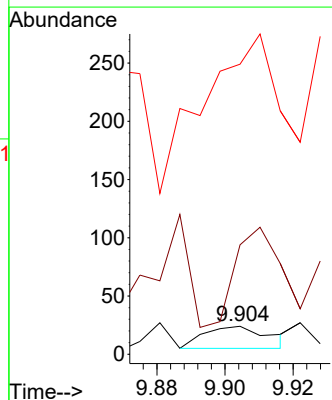
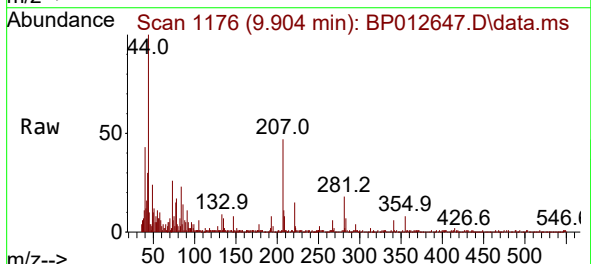
Instrument :
BNA_P
ClientSampleId :
PB148922BL

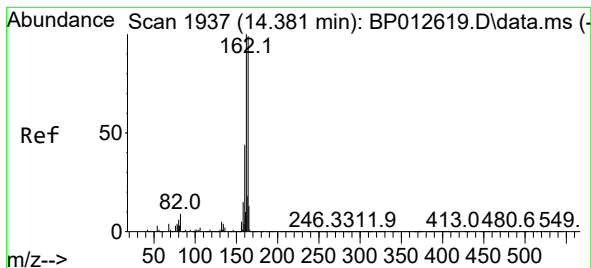
Tgt Ion: 82 Resp: 1779984
Ion Ratio Lower Upper
82 100
128 44.6 35.4 53.2
54 47.7 37.8 56.6



#32
Benzoic acid
Concen: 5.014 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

Tgt Ion:122 Resp: 25
Ion Ratio Lower Upper
122 100
105 391.7 102.2 142.2#
77 1037.5 70.7 110.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.369 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BP012647.D

Acq: 14 Nov 2022 11:12

Instrument :

BNA_P

ClientSampleId :

PB148922BL

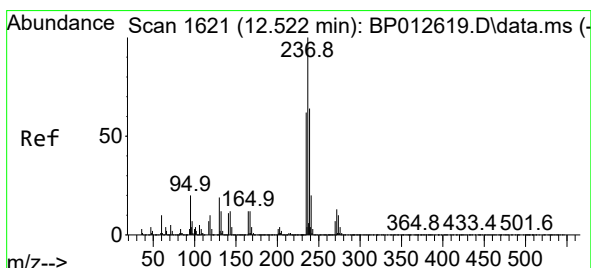
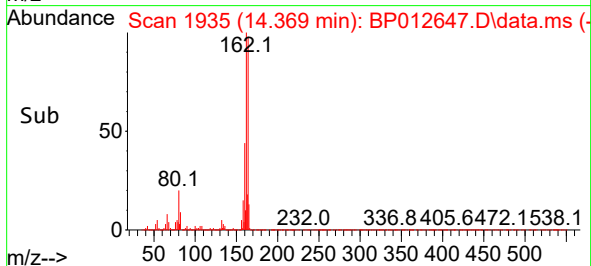
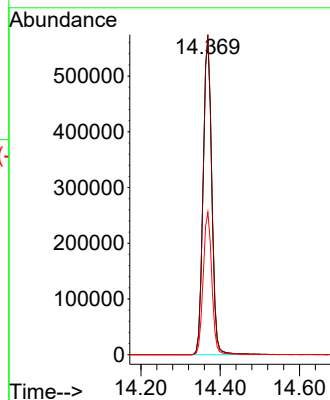
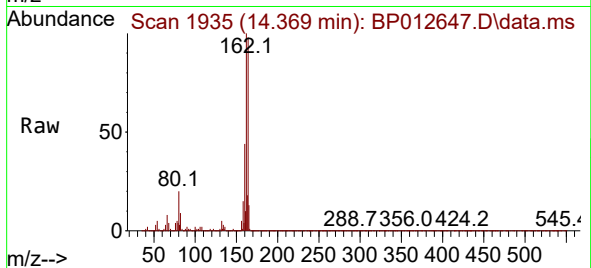
Tgt Ion:164 Resp: 858617

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.6

160 45.2 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 5.154 ng

RT: 12.540 min Scan# 1624

Delta R.T. 0.024 min

Lab File: BP012647.D

Acq: 14 Nov 2022 11:12

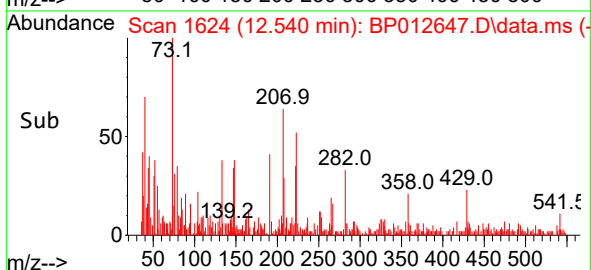
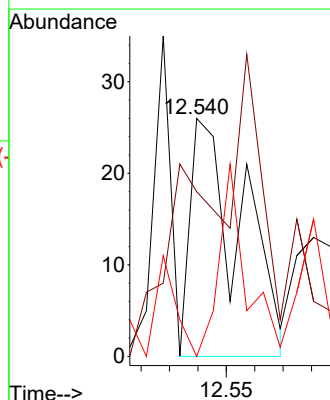
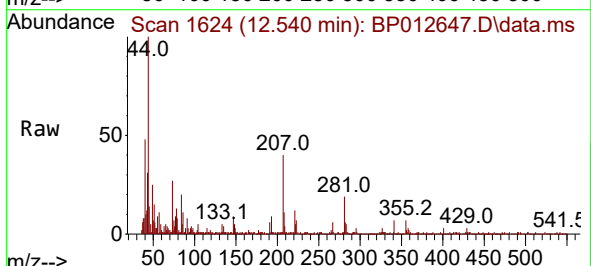
Tgt Ion:237 Resp: 32

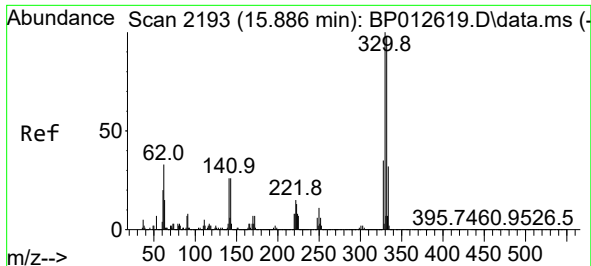
Ion Ratio Lower Upper

237 100

235 69.2 42.1 82.1

272 0.0 0.0 33.2

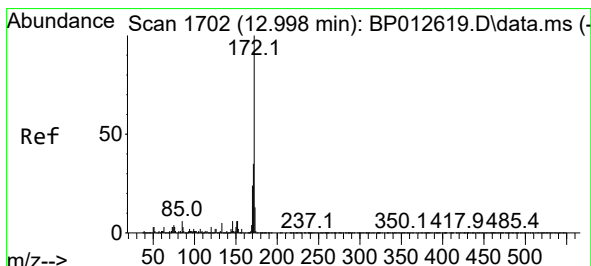
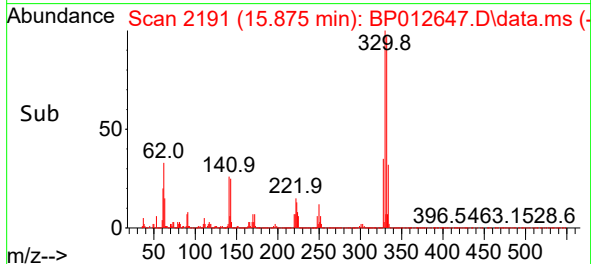
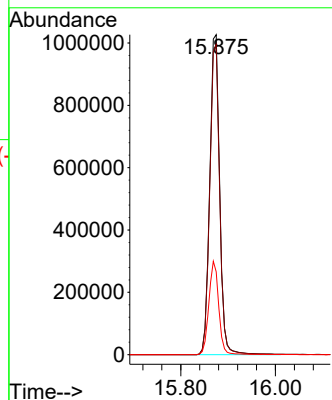
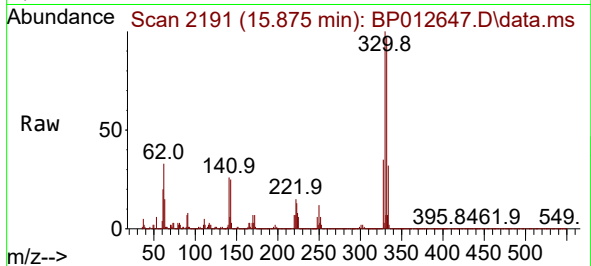




#42
2,4,6-Tribromophenol
Concen: 127.434 ng
RT: 15.875 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

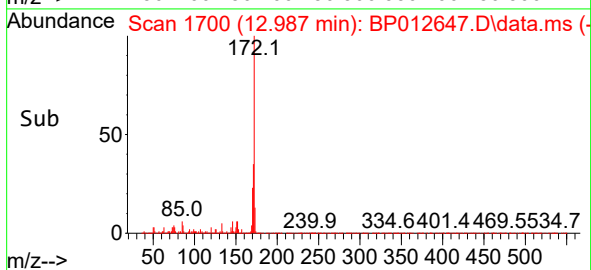
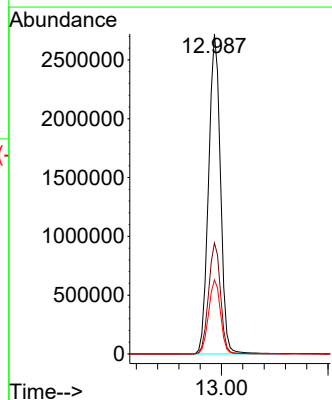
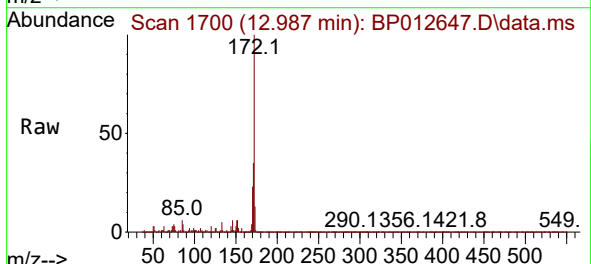
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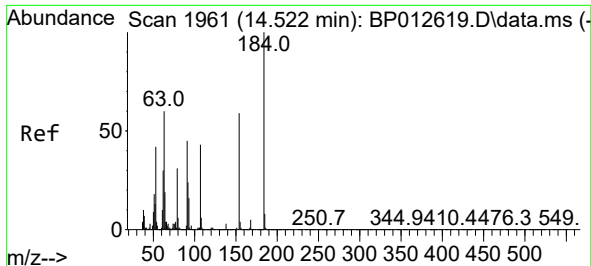
Tgt Ion:330 Resp: 1493693
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 29.1 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 74.523 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

Tgt Ion:172 Resp: 4214968
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.1 19.0 28.6

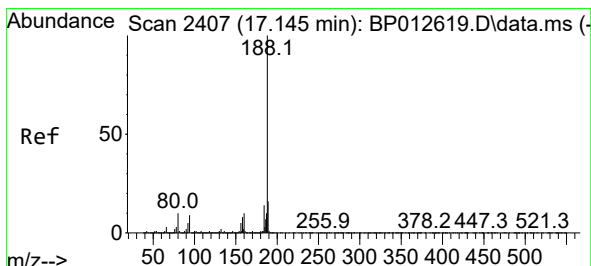
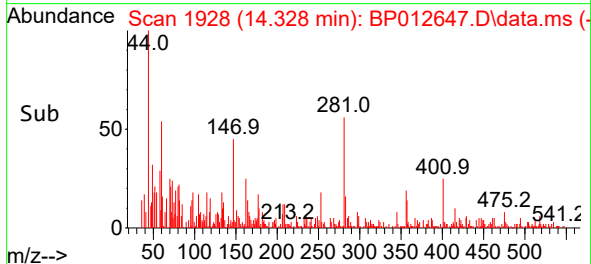
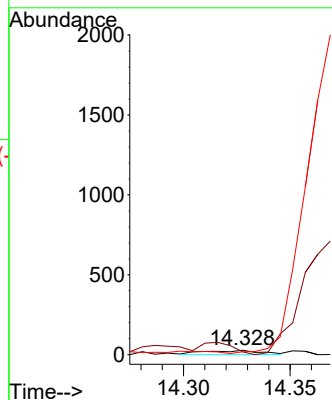
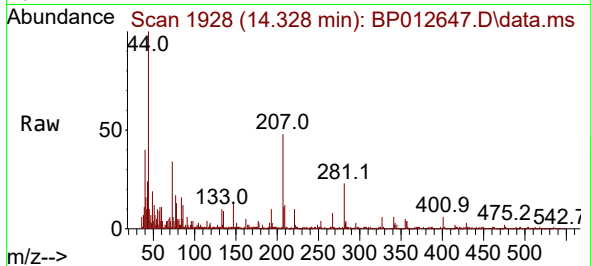




#54
2,4-Dinitrophenol
Concen: 4.845 ng
RT: 14.328 min Scan# 1961
Delta R.T. -0.188 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

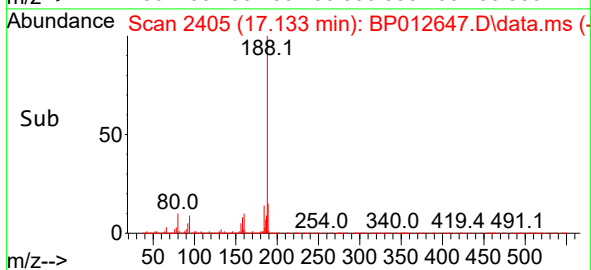
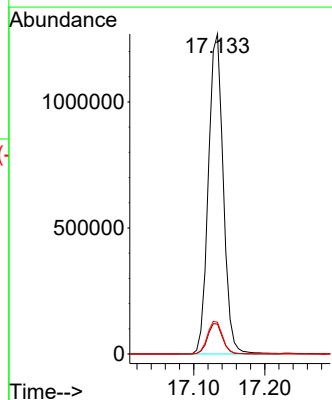
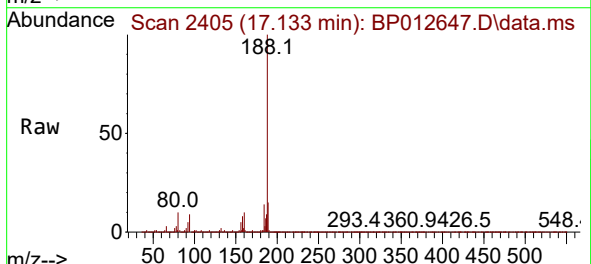
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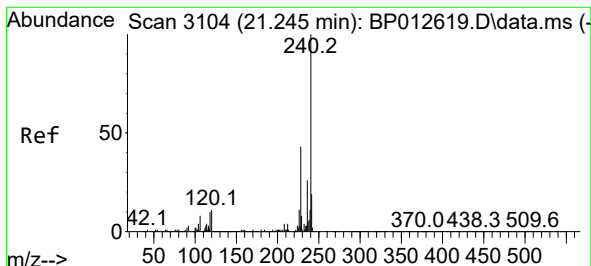
Tgt Ion:184 Resp: 50
Ion Ratio Lower Upper
184 100
63 64.3 48.5 72.7
154 64.3 49.4 74.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP012647.D
Acq: 14 Nov 2022 11:12

Tgt Ion:188 Resp: 1852577
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.9 8.2 12.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.233 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012647.D

Acq: 14 Nov 2022 11:12

Instrument :

BNA_P

ClientSampleId :

PB148922BL

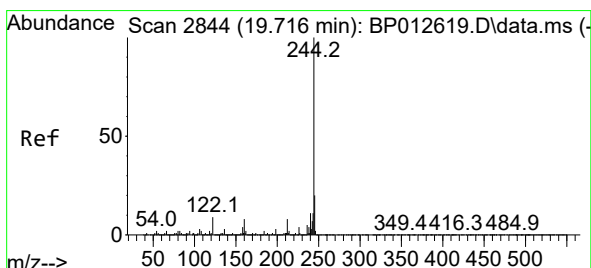
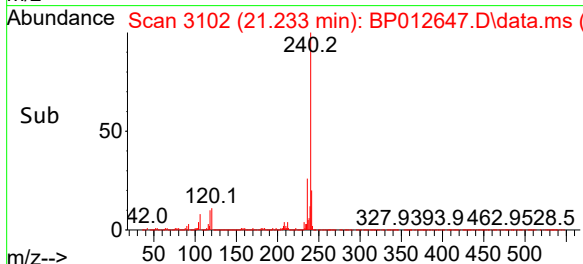
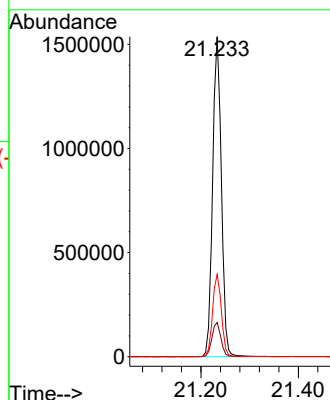
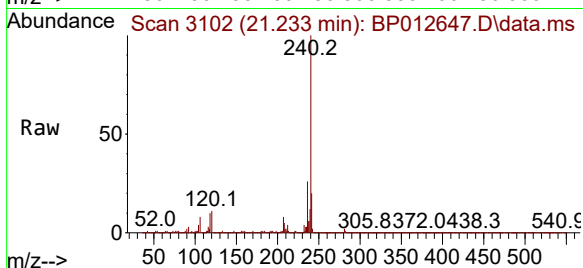
Tgt Ion:240 Resp: 1906814

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

236 25.7 20.8 31.2



#79

Terphenyl-d14

Concen: 73.394 ng

RT: 19.710 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP012647.D

Acq: 14 Nov 2022 11:12

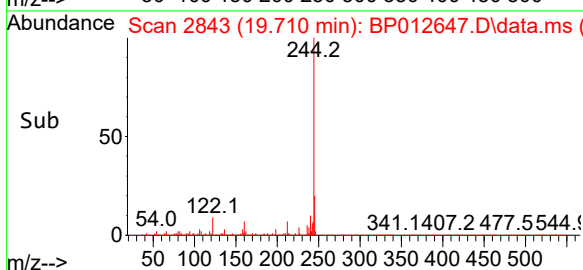
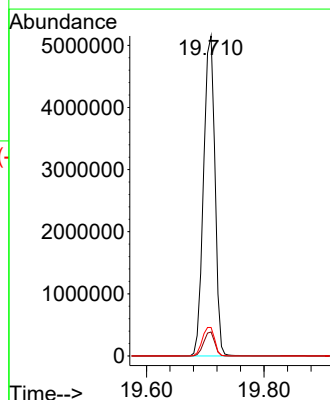
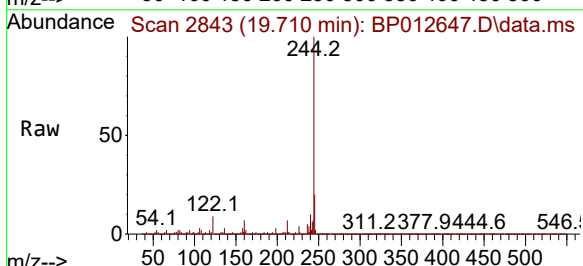
Tgt Ion:244 Resp: 6907916

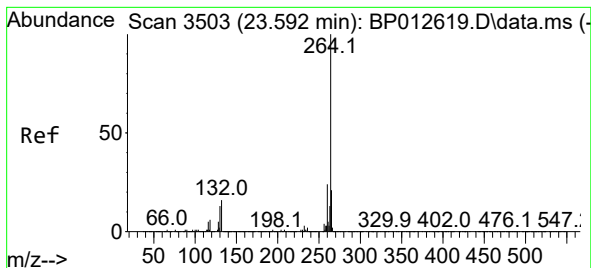
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 8.9 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.574 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP012647.D

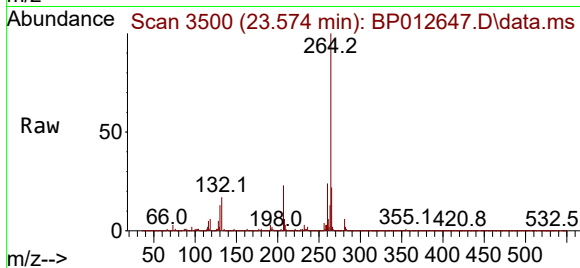
Acq: 14 Nov 2022 11:12

Instrument :

BNA_P

ClientSampleId :

PB148922BL



Tgt Ion:264 Resp: 1891169

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.2 17.8 26.8

