

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012635.D
 Acq On : 13 Nov 2022 00:14
 Operator : CG/JU
 Sample : N5509-08RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-12

Quant Time: Nov 14 03:24:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 13 22:44:57 2022
 Response via : Initial Calibration

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

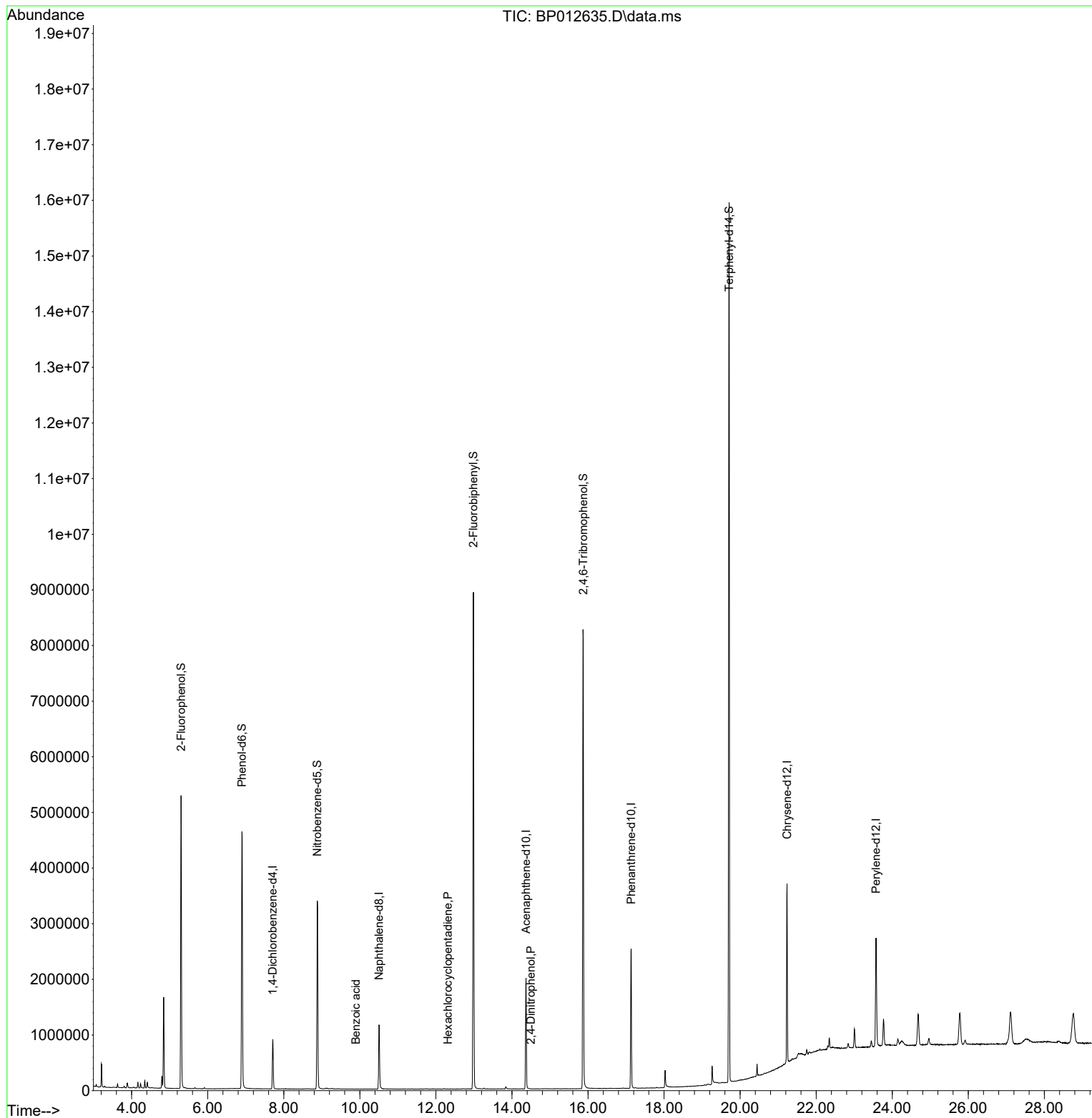
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	249535	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1022491	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	689526	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1550181	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1569675	20.000	ng	-0.01
86) Perylene-d12	23.575	264	1467914	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	2352158	175.521	ng	0.00
7) Phenol-d6	6.899	99	2913650	156.637	ng	-0.01
23) Nitrobenzene-d5	8.881	82	2026692	109.965	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	1897491	201.582	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4690005	103.257	ng	-0.01
79) Terphenyl-d14	19.710	244	8478276	109.425	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.899	122	21	5.014	ng	# 1
41) Hexachlorocyclopentadiene	12.316	237	15	5.153	ng	95
54) 2,4-Dinitrophenol	14.499	184	14	4.842	ng	# 1

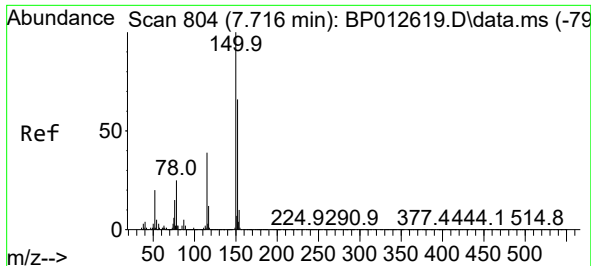
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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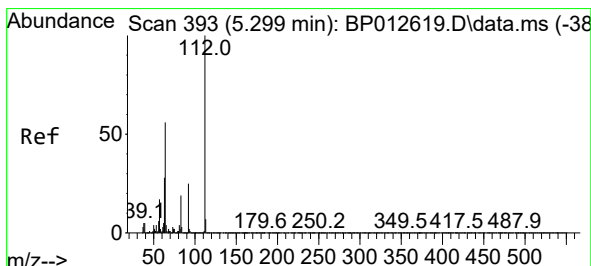
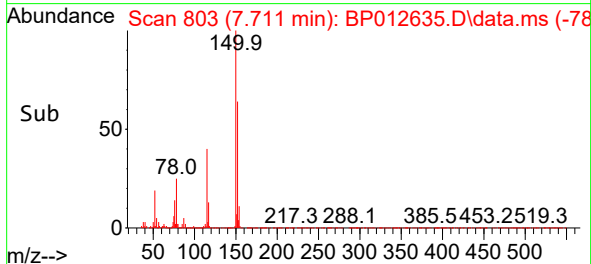
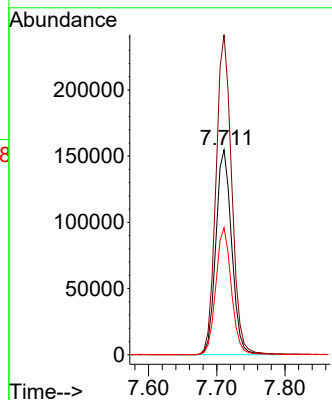
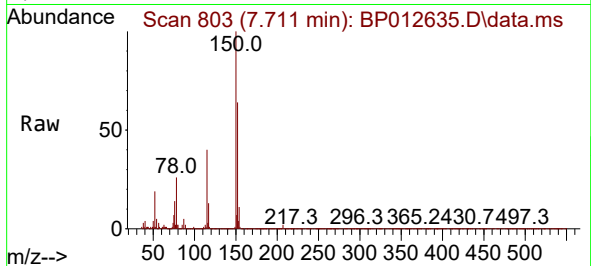




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP012635.D
Acq: 13 Nov 2022 00:14

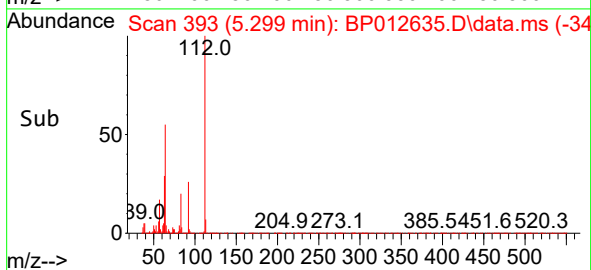
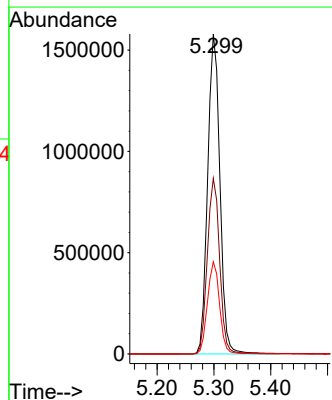
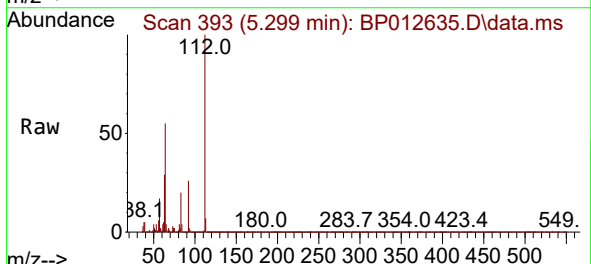
Instrument :
BNA_P
ClientSampleId :
TP-12

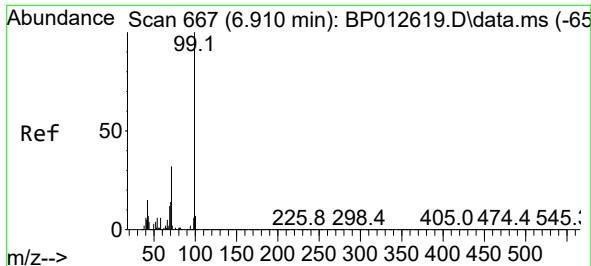
Tgt Ion:152 Resp: 249535
Ion Ratio Lower Upper
152 100
150 156.2 122.1 183.1
115 61.9 47.3 70.9



#5
2-Fluorophenol
Concen: 175.521 ng
RT: 5.299 min Scan# 393
Delta R.T. 0.000 min
Lab File: BP012635.D
Acq: 13 Nov 2022 00:14

Tgt Ion:112 Resp: 2352158
Ion Ratio Lower Upper
112 100
64 54.9 44.6 67.0
63 28.8 22.8 34.2

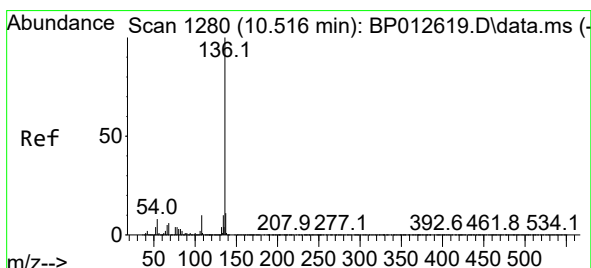
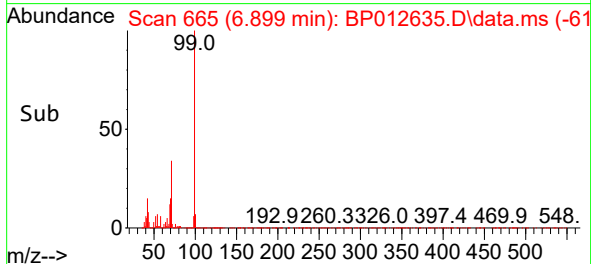
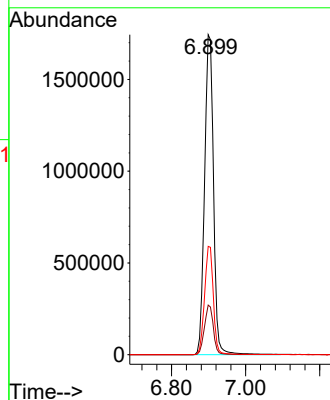
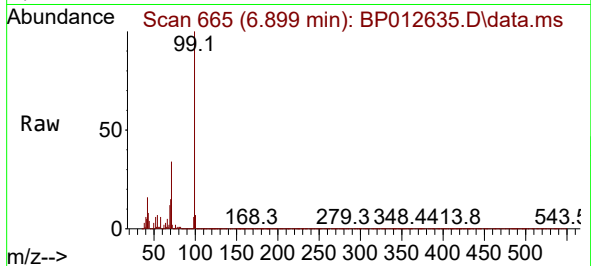




#7
Phenol-d6
Concen: 156.637 ng
RT: 6.899 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP012635.D
Acq: 13 Nov 2022 00:14

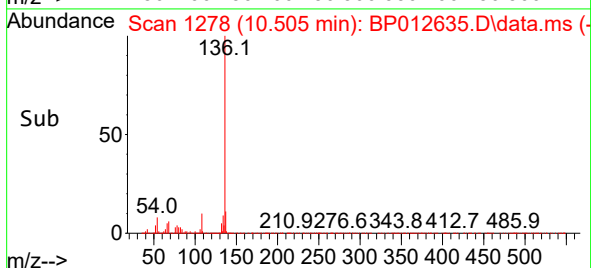
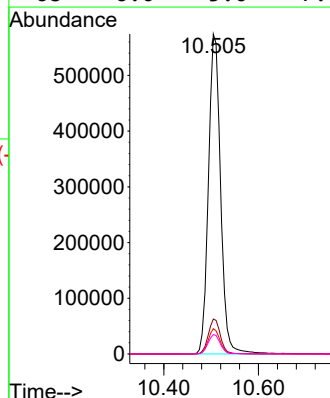
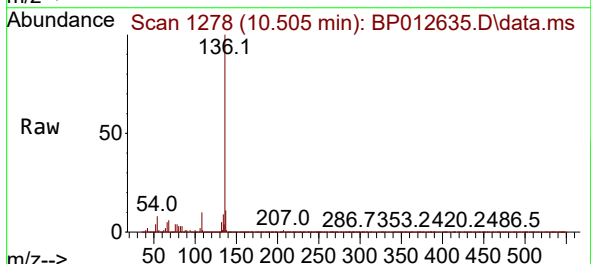
Instrument :
BNA_P
ClientSampleId :
TP-12

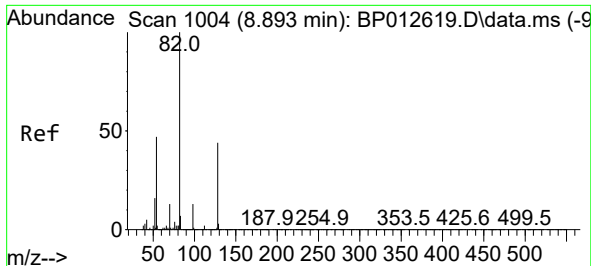
Tgt Ion: 99 Resp: 2913650
Ion Ratio Lower Upper
99 100
42 15.5 12.2 18.2
71 33.9 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1278
Delta R.T. -0.011 min
Lab File: BP012635.D
Acq: 13 Nov 2022 00:14

Tgt Ion: 136 Resp: 1022491
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.9 6.4 9.6
68 6.0 5.0 7.6

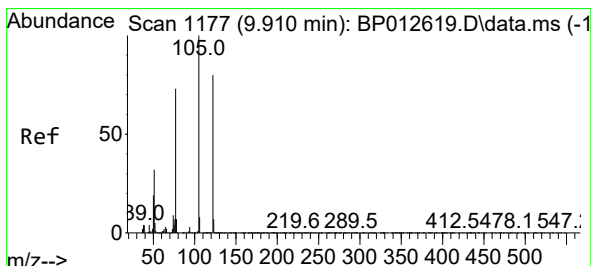
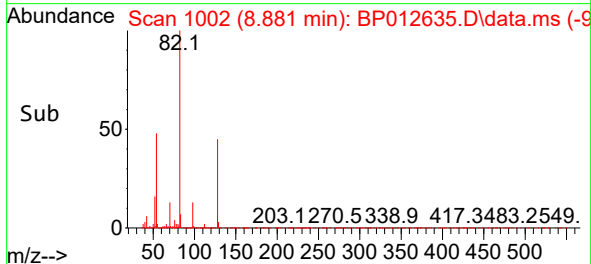
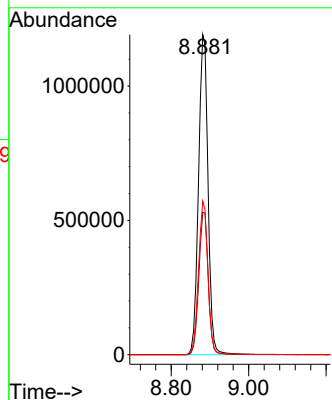
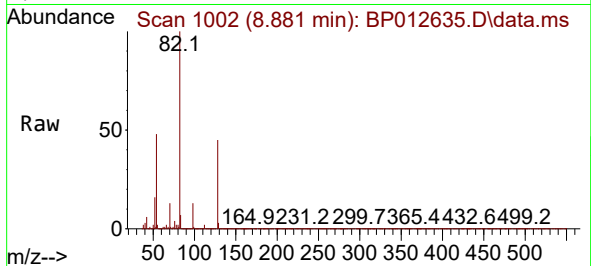




#23
Nitrobenzene-d5
Concen: 109.965 ng
RT: 8.881 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP012635.D
Acq: 13 Nov 2022 00:14

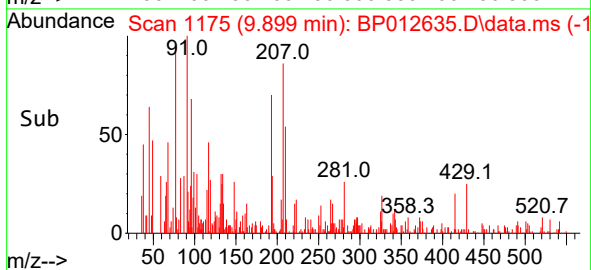
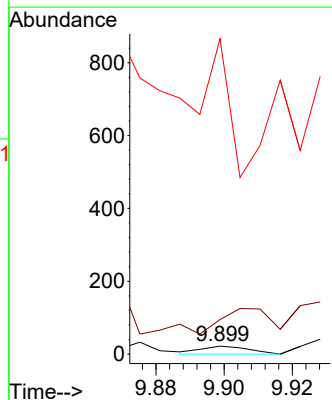
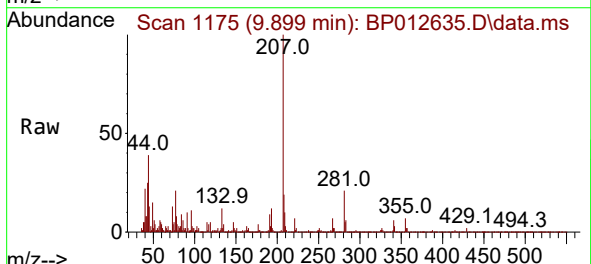
Instrument :
BNA_P
ClientSampleId :
TP-12

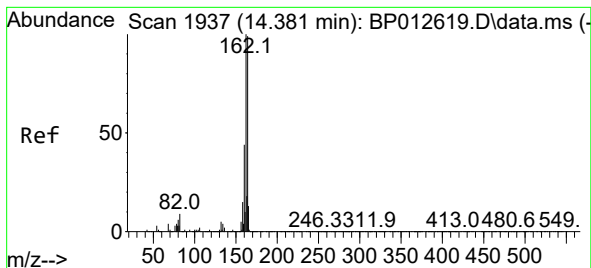
Tgt Ion: 82 Resp: 2026692
Ion Ratio Lower Upper
82 100
128 44.5 35.4 53.2
54 48.0 37.8 56.6



#32
Benzoic acid
Concen: 5.014 ng
RT: 9.899 min Scan# 1175
Delta R.T. -0.011 min
Lab File: BP012635.D
Acq: 13 Nov 2022 00:14

Tgt Ion:122 Resp: 21
Ion Ratio Lower Upper
122 100
105 431.8 102.2 142.2#
77 3936.4 70.7 110.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.369 min Scan# 1586

Delta R.T. -0.012 min

Lab File: BP012635.D

Acq: 13 Nov 2022 00:14

Instrument :

BNA_P

ClientSampleId :

TP-12

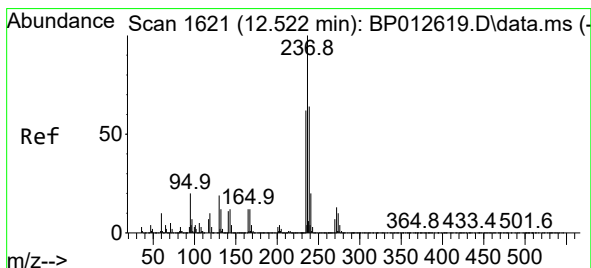
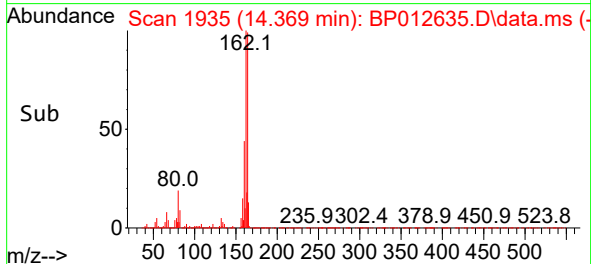
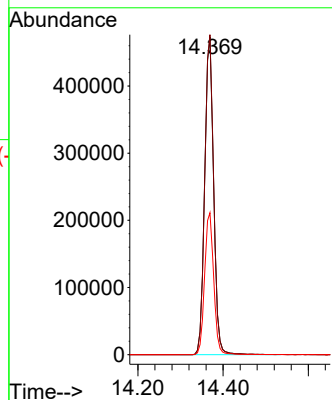
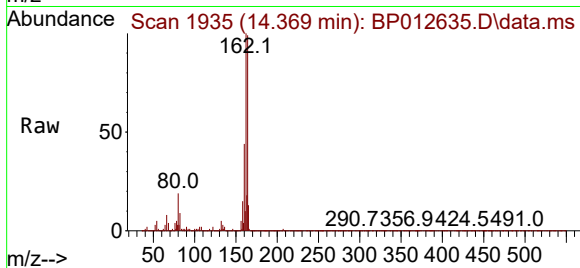
Tgt Ion:164 Resp: 689526

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.6

160 44.7 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 5.153 ng

RT: 12.316 min Scan# 1586

Delta R.T. -0.206 min

Lab File: BP012635.D

Acq: 13 Nov 2022 00:14

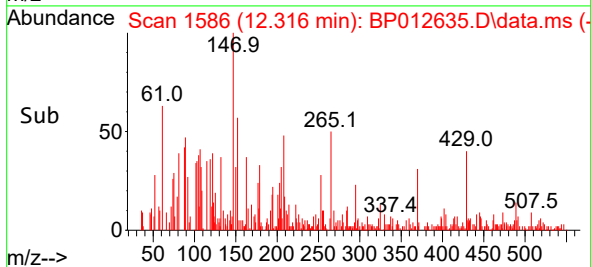
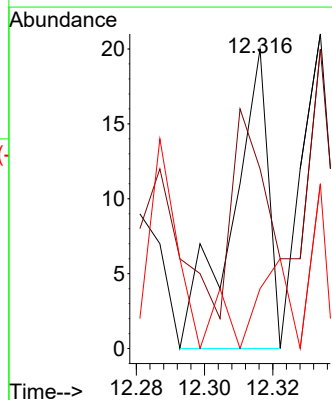
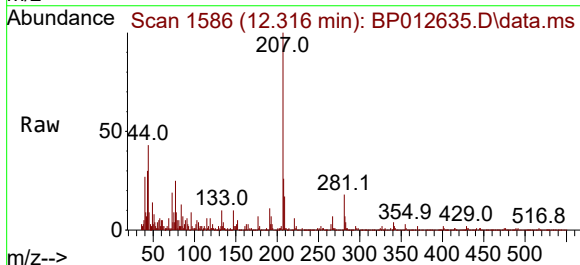
Tgt Ion:237 Resp: 15

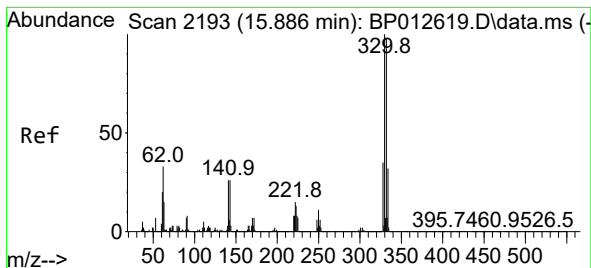
Ion Ratio Lower Upper

237 100

235 60.0 42.1 82.1

272 20.0 0.0 33.2





#42

2,4,6-Tribromophenol

Concen: 201.582 ng

RT: 15.875 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP012635.D

Acq: 13 Nov 2022 00:14

Instrument :

BNA_P

ClientSampleId :

TP-12

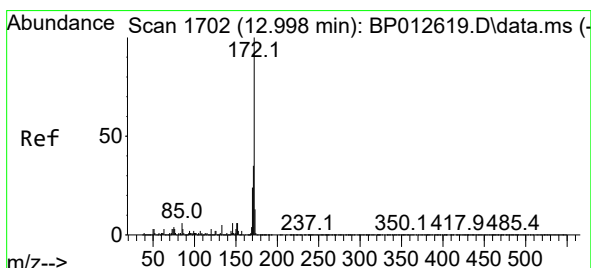
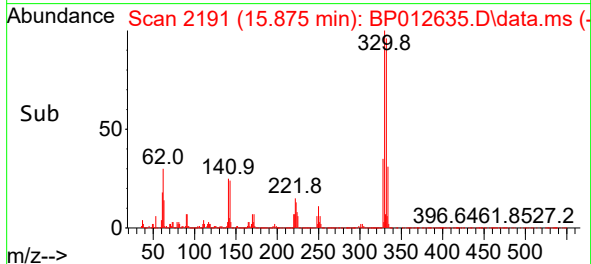
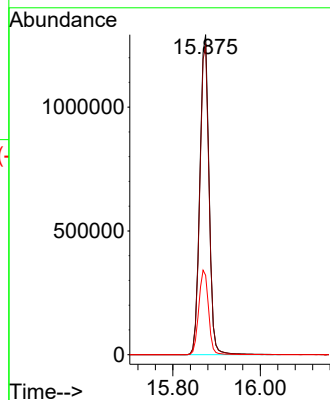
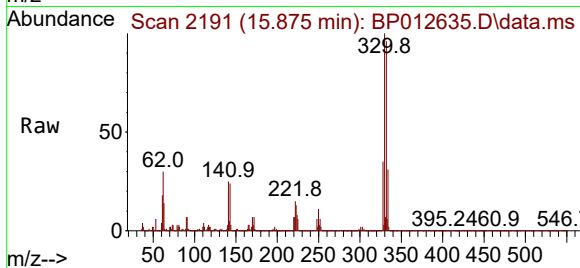
Tgt Ion:330 Resp: 1897491

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

141 28.0 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 103.257 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.011 min

Lab File: BP012635.D

Acq: 13 Nov 2022 00:14

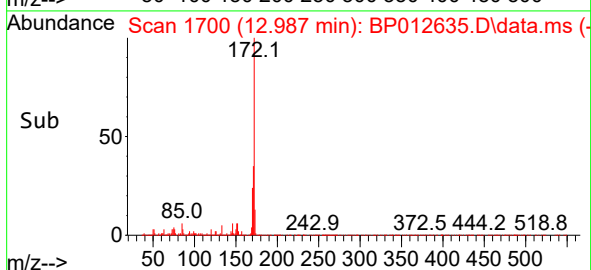
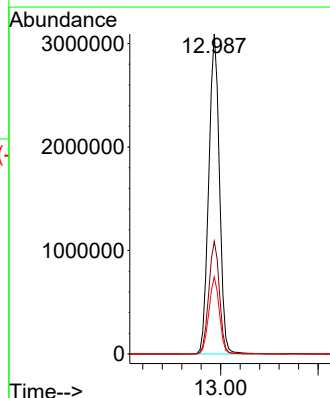
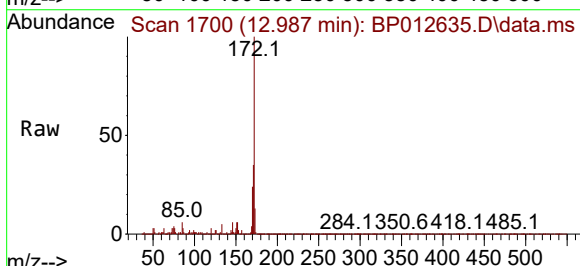
Tgt Ion:172 Resp: 4690005

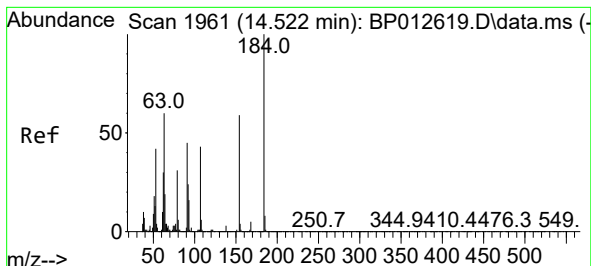
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 24.1 19.0 28.6





#54

2,4-Dinitrophenol

Concen: 4.842 ng

RT: 14.499 min Scan# 1961

Delta R.T. -0.023 min

Lab File: BP012635.D

Acq: 13 Nov 2022 00:14

Instrument :

BNA_P

ClientSampleId :

TP-12

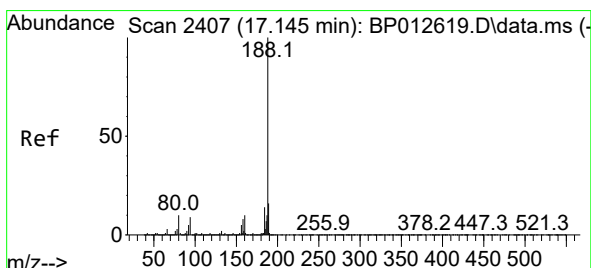
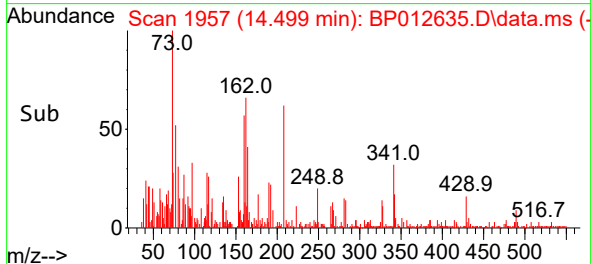
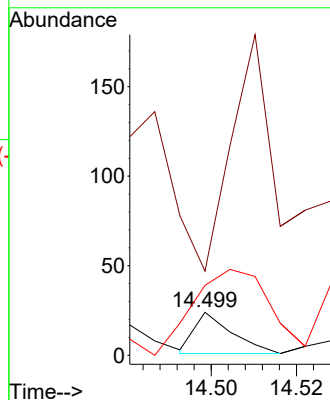
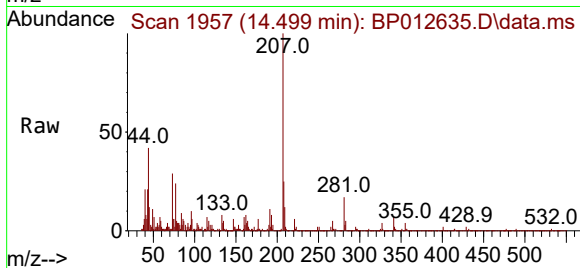
Tgt Ion:184 Resp: 14

Ion Ratio Lower Upper

184 100

63 195.8 48.5 72.7#

154 162.5 49.4 74.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.134 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP012635.D

Acq: 13 Nov 2022 00:14

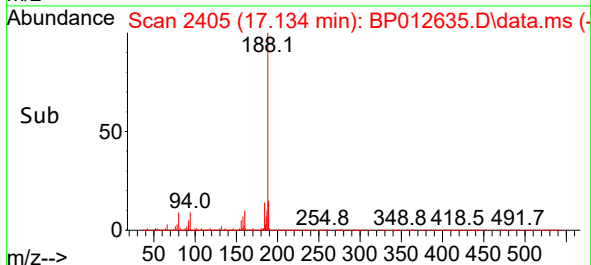
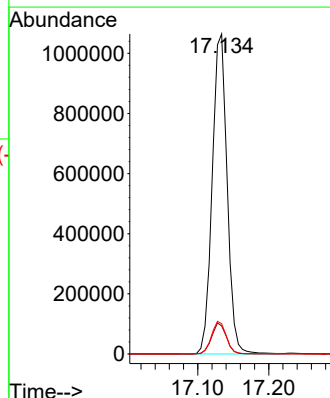
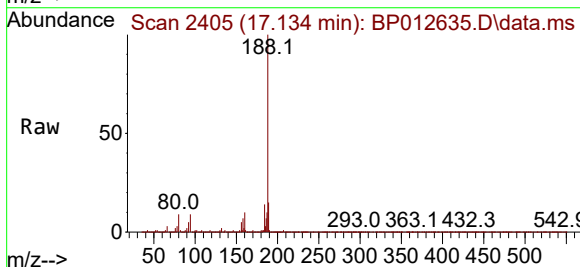
Tgt Ion:188 Resp: 1550181

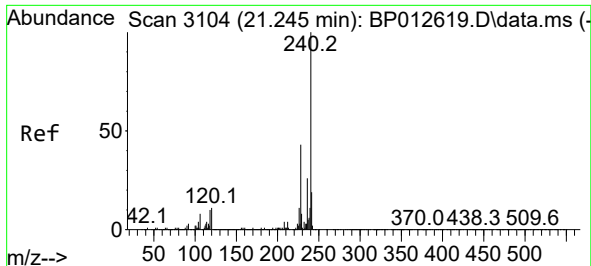
Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.5 8.2 12.2

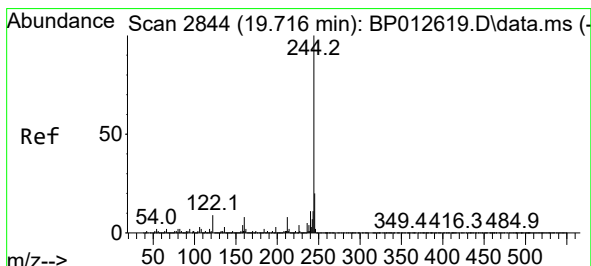
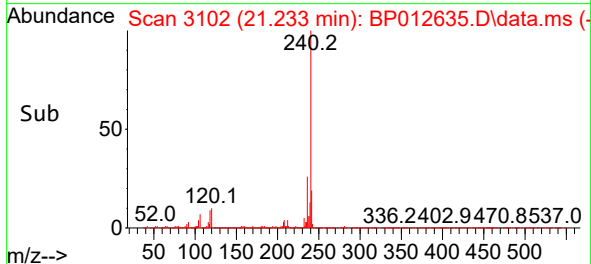
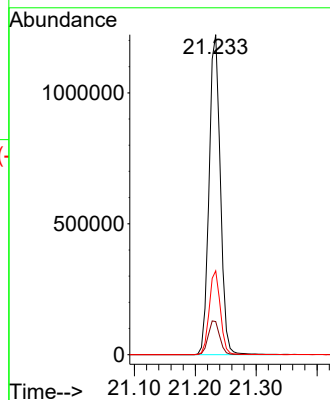
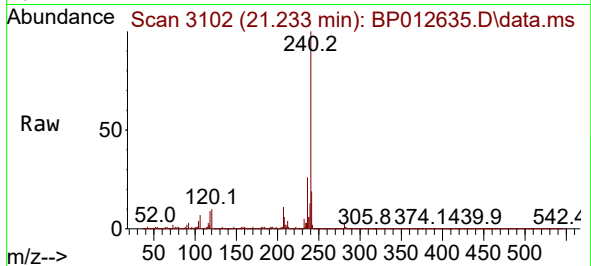




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP012635.D
Acq: 13 Nov 2022 00:14

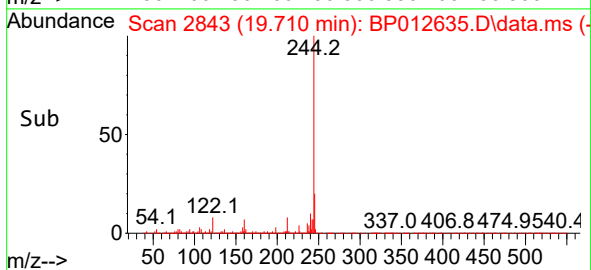
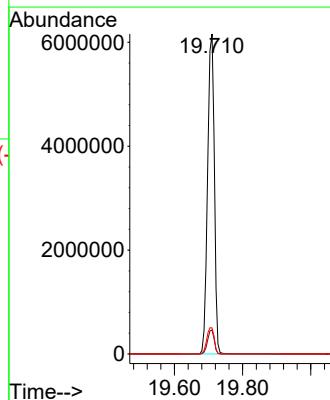
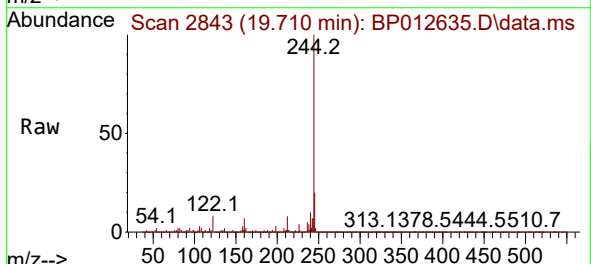
Instrument :
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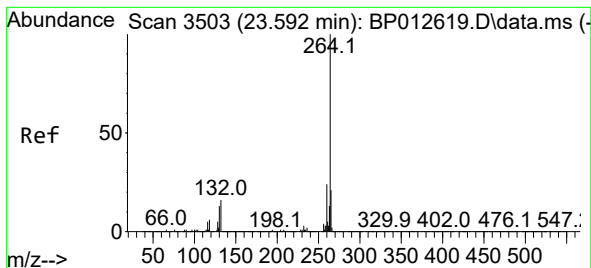
Tgt Ion:240 Resp: 1569675
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 109.425 ng
RT: 19.710 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP012635.D
Acq: 13 Nov 2022 00:14

Tgt Ion:244 Resp: 8478276
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 8.1 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.575 min Scan# 3

Delta R.T. -0.017 min

Lab File: BP012635.D

Acq: 13 Nov 2022 00:14

Instrument :

BNA_P

ClientSampleId :

TP-12

Tgt Ion:264 Resp: 1467914

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.5 17.8 26.8

