

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012630.D
 Acq On : 12 Nov 2022 21:22
 Operator : CG/JU
 Sample : N5506-14RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-10

Quant Time: Nov 14 03:22:33 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)

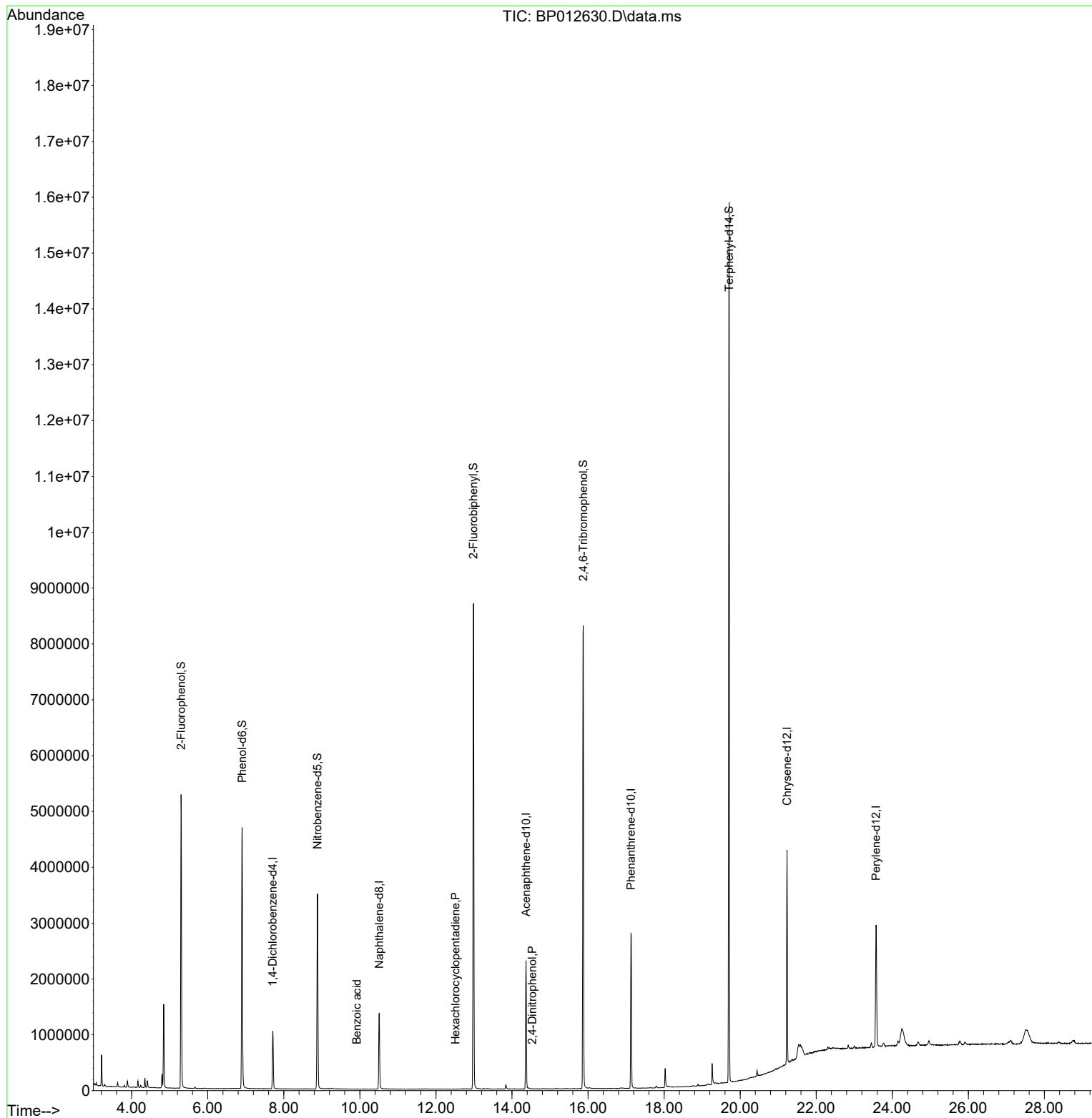
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	289024	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1182536	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	780183	20.000	ng	-0.01
64) Phenanthrene-d10	17.128	188	1745469	20.000	ng	-0.02
76) Chrysene-d12	21.233	240	1770239	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1627681	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	2374071	152.952	ng	0.00
7) Phenol-d6	6.905	99	2853978	132.467	ng	0.00
23) Nitrobenzene-d5	8.887	82	2085310	97.832	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1801147	169.112	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4635901	90.206	ng	-0.01
79) Terphenyl-d14	19.710	244	8005921	91.622	ng	0.00
Target Compounds						
32) Benzoic acid	9.922	122	53	5.016	ng	# 1
41) Hexachlorocyclopentadiene	12.516	237	8	5.153	ng	75
54) 2,4-Dinitrophenol	14.534	184	22	4.842	ng	# 1

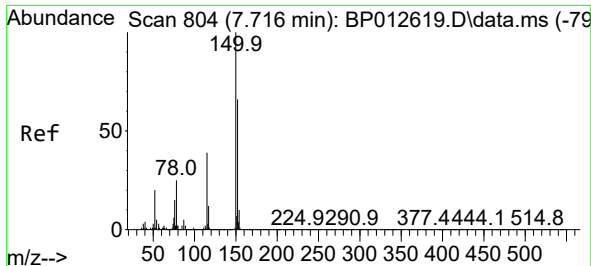
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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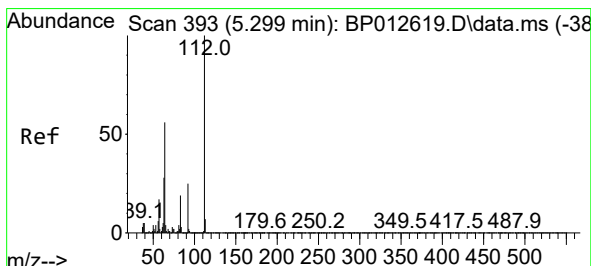
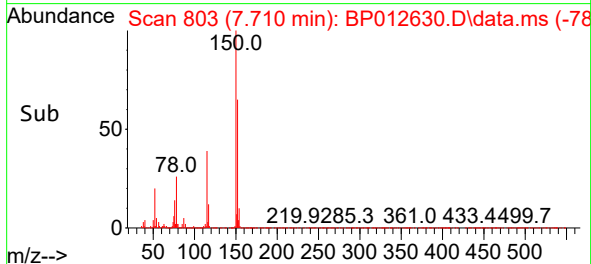
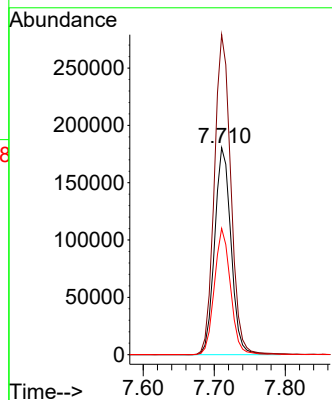
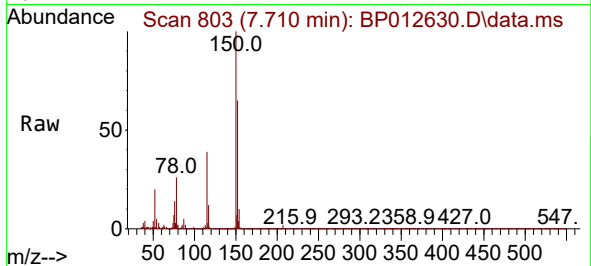




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP012630.D
Acq: 12 Nov 2022 21:22

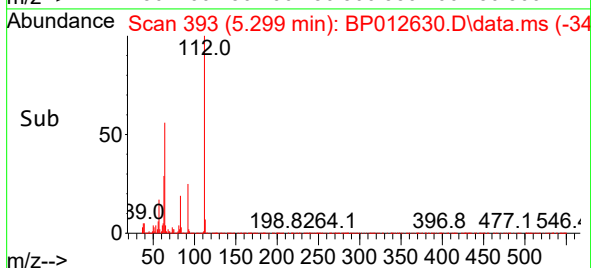
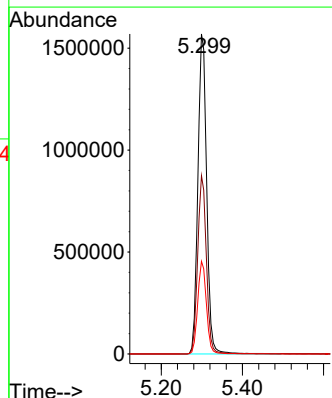
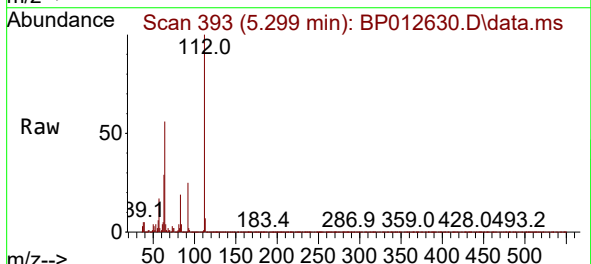
Instrument :
BNA_P
ClientSampleId :
TP-10

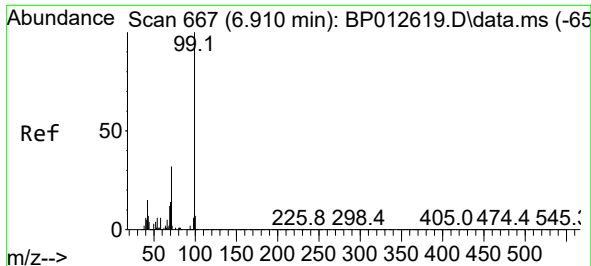
Tgt Ion:152 Resp: 289024
Ion Ratio Lower Upper
152 100
150 154.5 122.1 183.1
115 61.0 47.3 70.9



#5
2-Fluorophenol
Concen: 152.952 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.000 min
Lab File: BP012630.D
Acq: 12 Nov 2022 21:22

Tgt Ion:112 Resp: 2374071
Ion Ratio Lower Upper
112 100
64 55.7 44.6 67.0
63 28.9 22.8 34.2

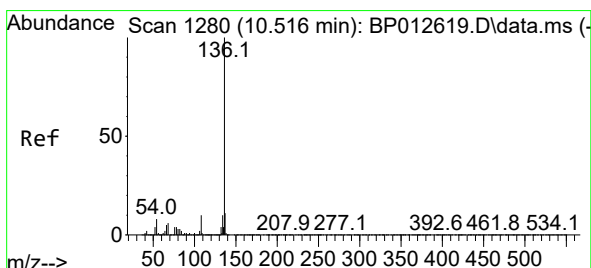
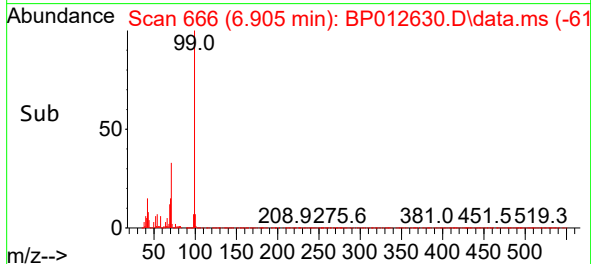
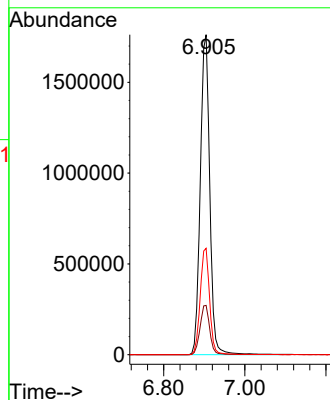
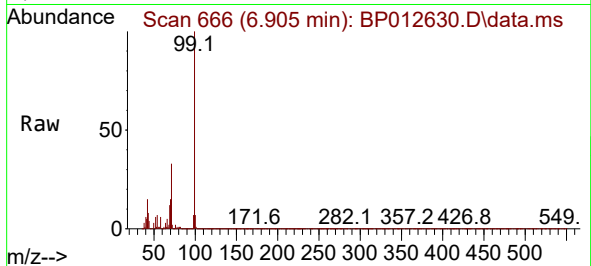




#7
Phenol-d6
Concen: 132.467 ng
RT: 6.905 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP012630.D
Acq: 12 Nov 2022 21:22

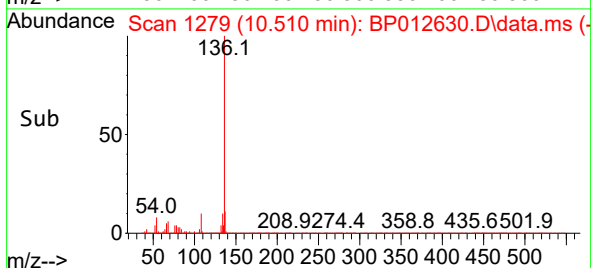
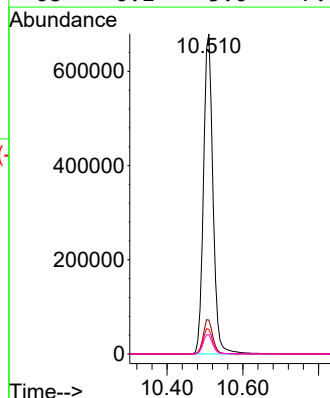
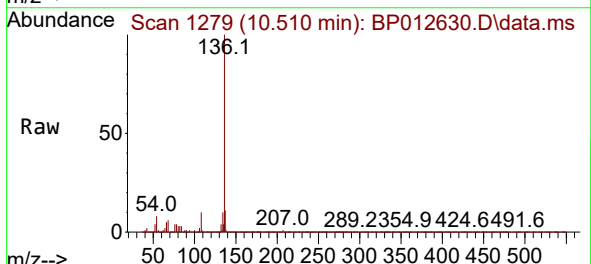
Instrument :
BNA_P
ClientSampleId :
TP-10

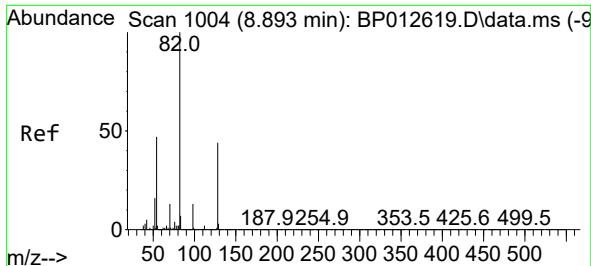
Tgt Ion: 99 Resp: 2853978
Ion Ratio Lower Upper
99 100
42 15.4 12.2 18.2
71 33.3 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP012630.D
Acq: 12 Nov 2022 21:22

Tgt Ion: 136 Resp: 1182536
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 7.7 6.4 9.6
68 6.1 5.0 7.6

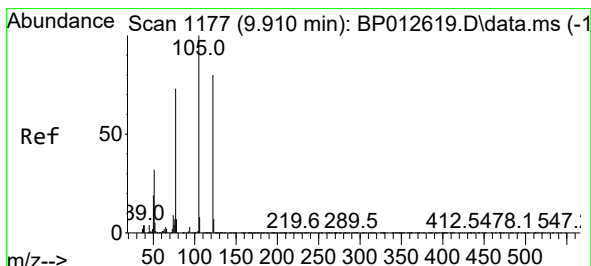
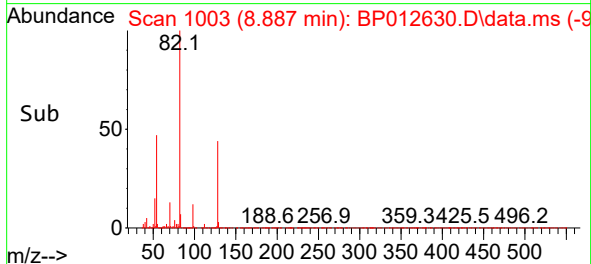
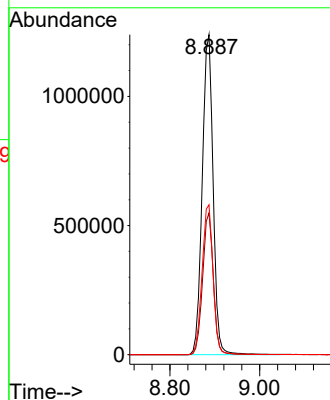
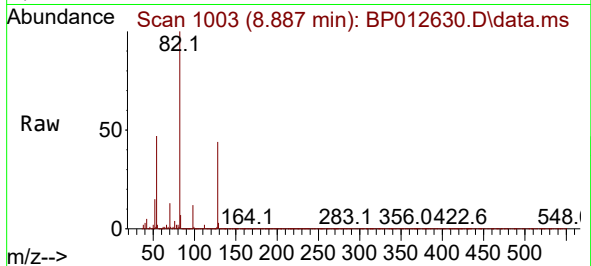




#23
Nitrobenzene-d5
Concen: 97.832 ng
RT: 8.887 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP012630.D
Acq: 12 Nov 2022 21:22

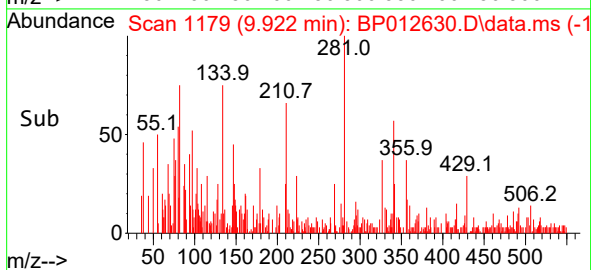
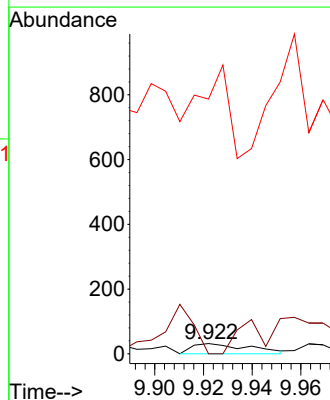
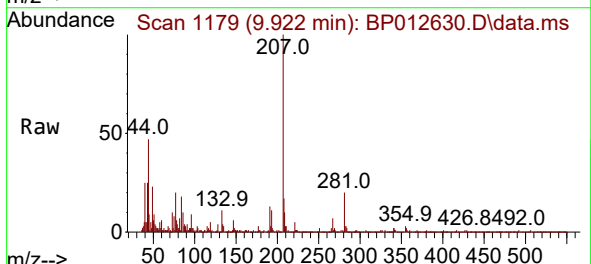
Instrument :
BNA_P
ClientSampleId :
TP-10

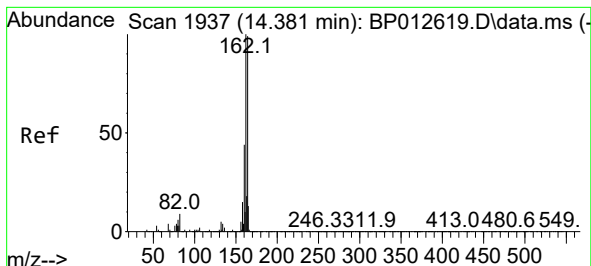
Tgt Ion: 82 Resp: 2085310
Ion Ratio Lower Upper
82 100
128 44.3 35.4 53.2
54 46.8 37.8 56.6



#32
Benzoic acid
Concen: 5.016 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BP012630.D
Acq: 12 Nov 2022 21:22

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 102.2 142.2#
77 2459.4 70.7 110.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.369 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BP012630.D

Acq: 12 Nov 2022 21:22

Instrument :

BNA_P

ClientSampleId :

TP-10

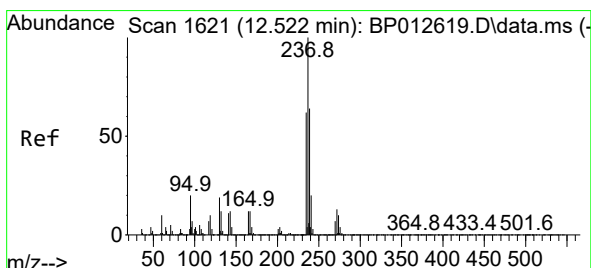
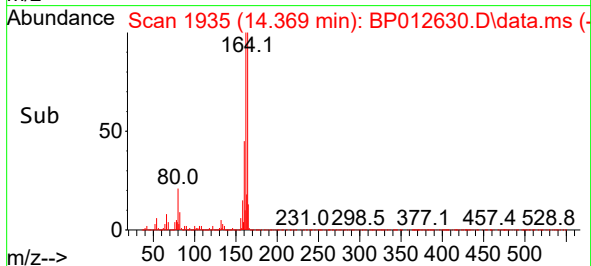
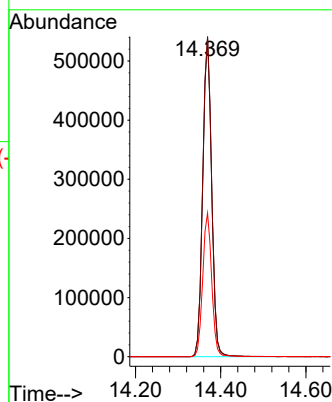
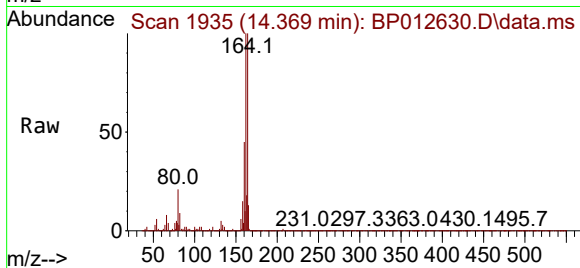
Tgt Ion:164 Resp: 780183

Ion Ratio Lower Upper

164 100

162 100.1 81.0 121.6

160 44.9 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 5.153 ng

RT: 12.516 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BP012630.D

Acq: 12 Nov 2022 21:22

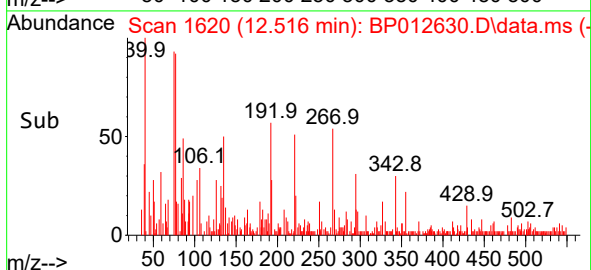
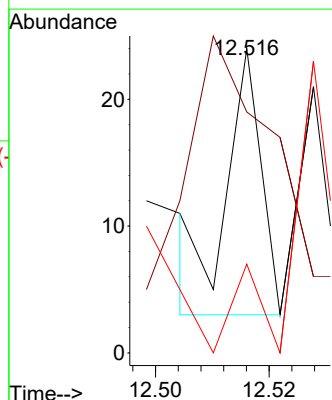
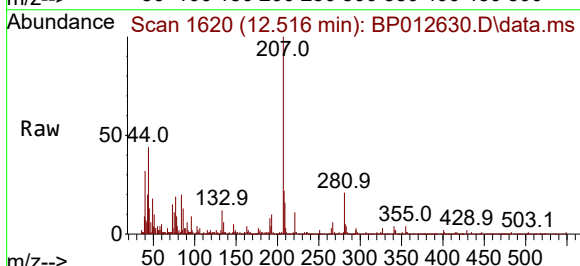
Tgt Ion:237 Resp: 8

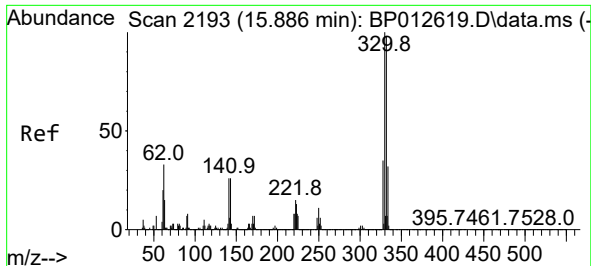
Ion Ratio Lower Upper

237 100

235 79.2 42.1 82.1

272 29.2 0.0 33.2

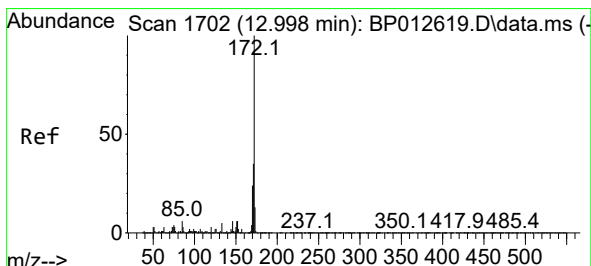
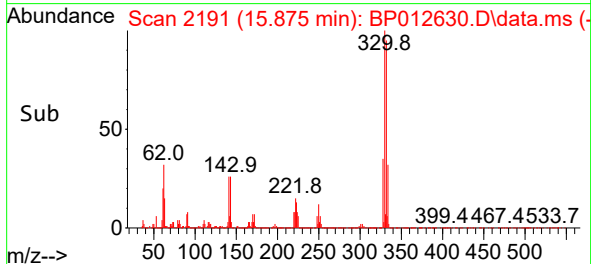
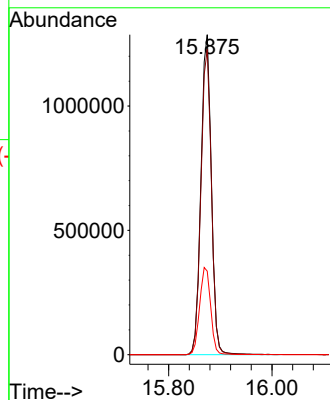
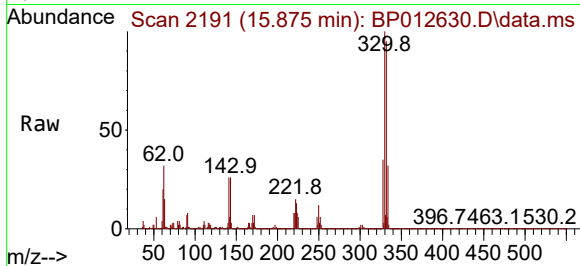




#42
2,4,6-Tribromophenol
Concen: 169.112 ng
RT: 15.875 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP012630.D
Acq: 12 Nov 2022 21:22

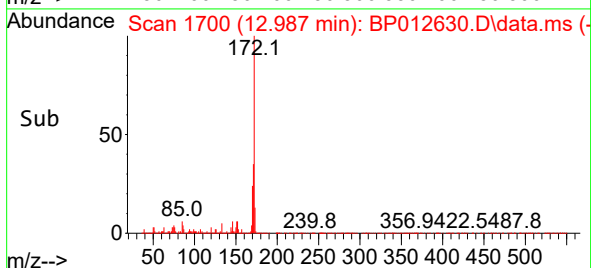
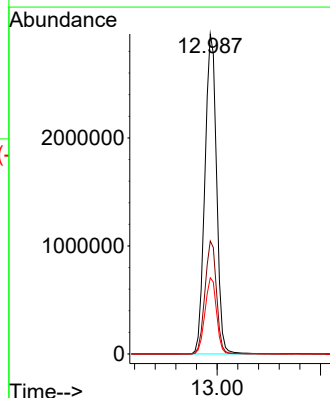
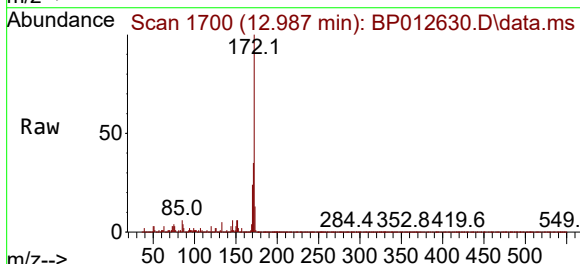
Instrument :
BNA_P
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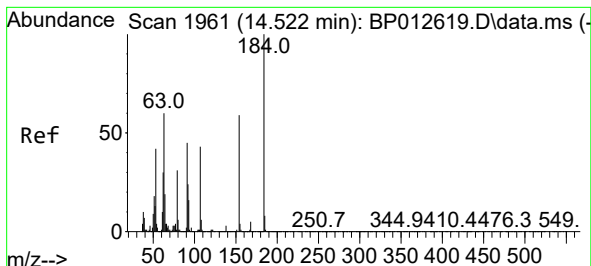
Tgt Ion:330 Resp: 1801147
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 28.8 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 90.206 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.011 min
Lab File: BP012630.D
Acq: 12 Nov 2022 21:22

Tgt Ion:172 Resp: 4635901
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.8 19.0 28.6





#54

2,4-Dinitrophenol

Concen: 4.842 ng

RT: 14.534 min Scan# 1963

Delta R.T. 0.012 min

Lab File: BP012630.D

Acq: 12 Nov 2022 21:22

Instrument :

BNA_P

ClientSampleId :

TP-10

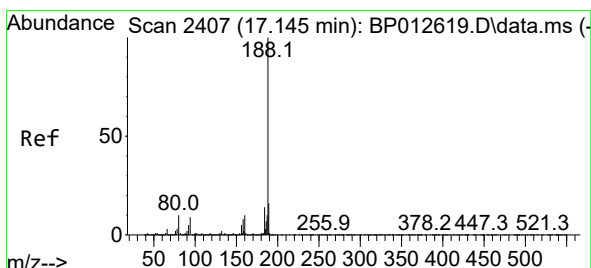
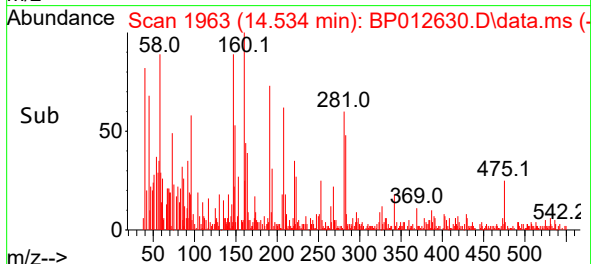
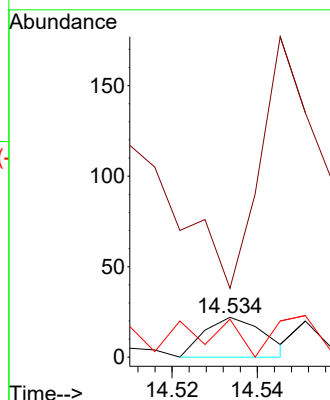
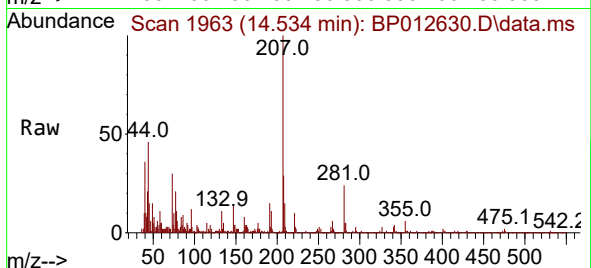
Tgt Ion:184 Resp: 22

Ion Ratio Lower Upper

184 100

63 500.0 48.5 72.7#

154 95.5 49.4 74.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.128 min Scan# 2404

Delta R.T. -0.018 min

Lab File: BP012630.D

Acq: 12 Nov 2022 21:22

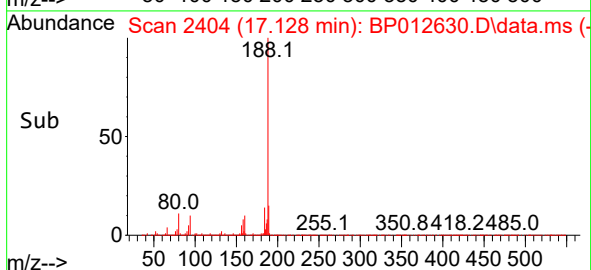
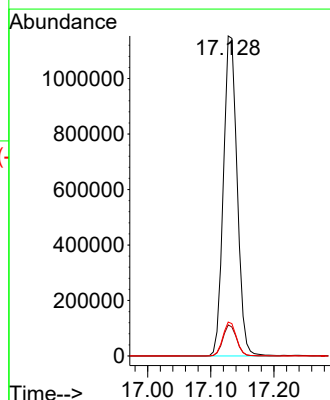
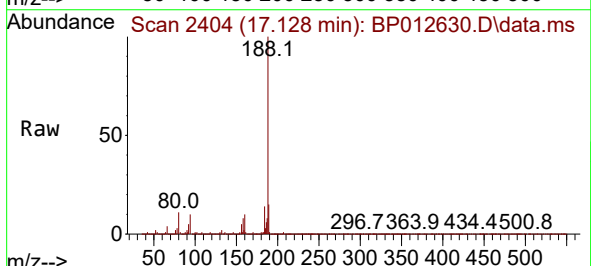
Tgt Ion:188 Resp: 1745469

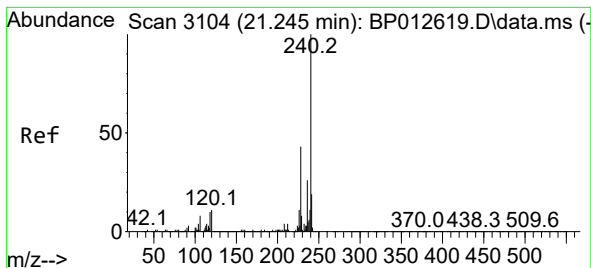
Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.6 8.2 12.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.233 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BP012630.D

Acq: 12 Nov 2022 21:22

Instrument :

BNA_P

ClientSampleId :

TP-10

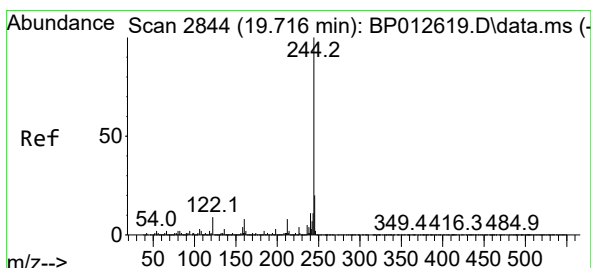
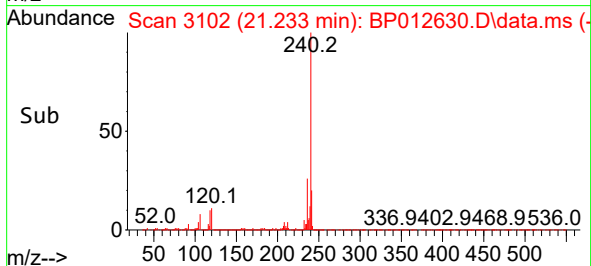
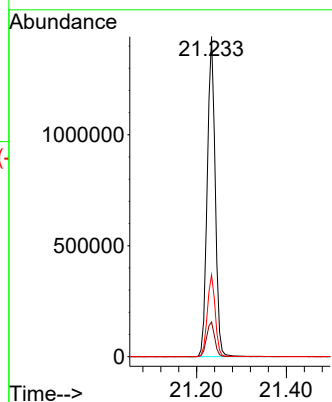
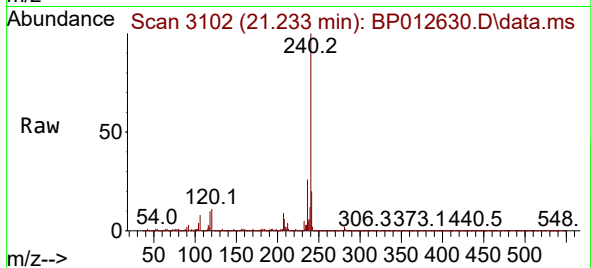
Tgt Ion:240 Resp: 1770239

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.6 20.8 31.2



#79

Terphenyl-d14

Concen: 91.622 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP012630.D

Acq: 12 Nov 2022 21:22

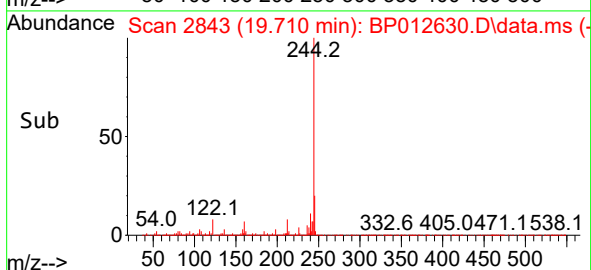
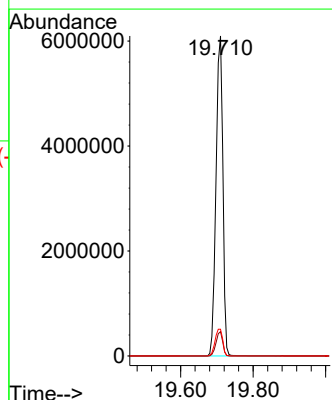
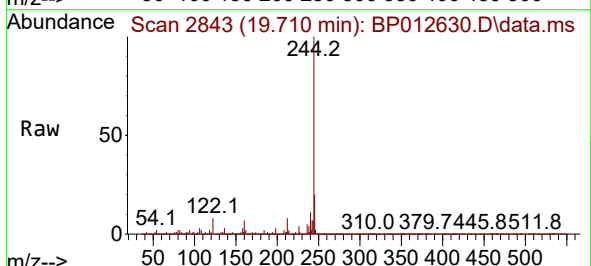
Tgt Ion:244 Resp: 8005921

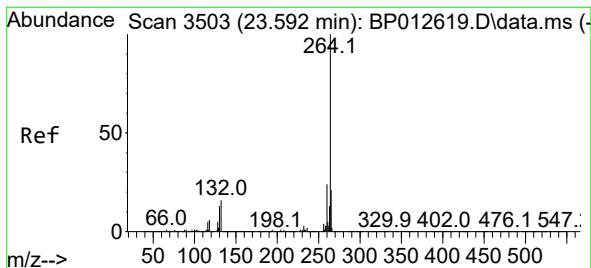
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 8.3 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.574 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP012630.D

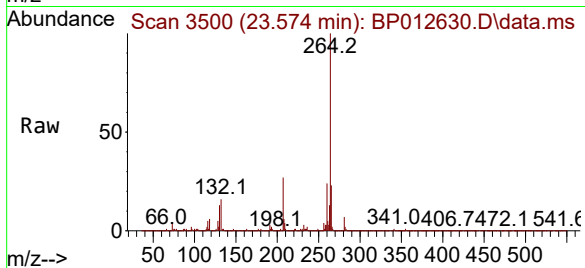
Acq: 12 Nov 2022 21:22

Instrument :

BNA_P

ClientSampleId :

TP-10



Tgt Ion:264 Resp: 1627681

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.5 17.8 26.8

