

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012636.D
 Acq On : 13 Nov 2022 00:48
 Operator : CG/JU
 Sample : N5509-05RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-13

Quant Time: Nov 14 03:24:56 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)

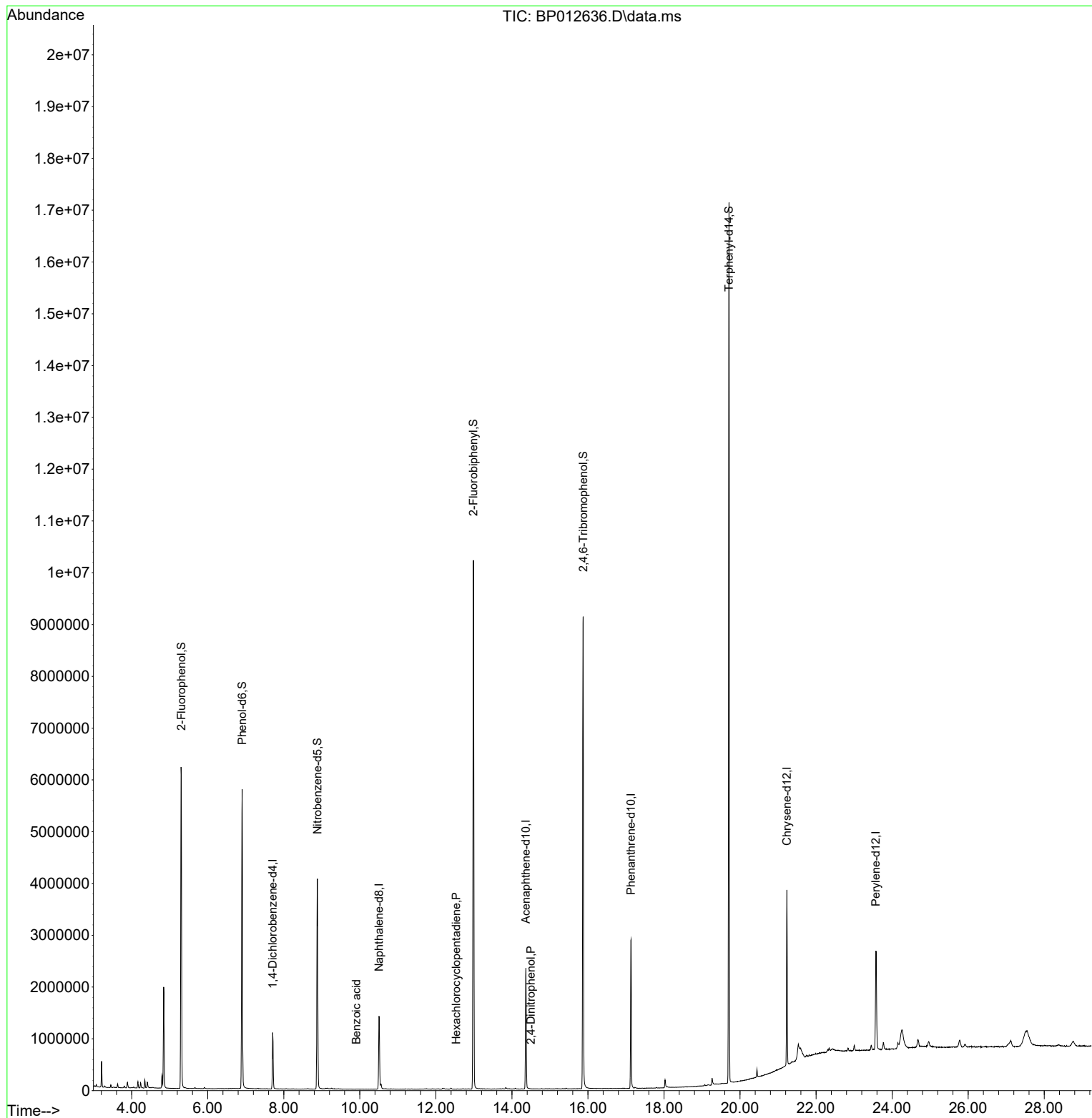
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	297134	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1218448	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	800405	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	1735653	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1600561	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1422622	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	2926667	183.407	ng	0.00
7) Phenol-d6	6.905	99	3577545	161.519	ng	0.00
23) Nitrobenzene-d5	8.887	82	2511695	114.363	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	2138548	195.719	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	5538705	105.050	ng	-0.01
79) Terphenyl-d14	19.710	244	8699491	110.114	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.910	122	18	5.014	ng	# 1
41) Hexachlorocyclopentadiene	12.534	237	12	5.153	ng	93
54) 2,4-Dinitrophenol	14.498	184	15	4.842	ng	# 1

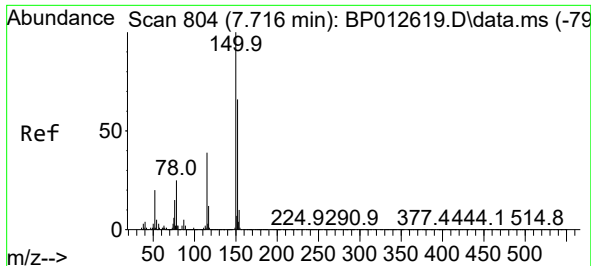
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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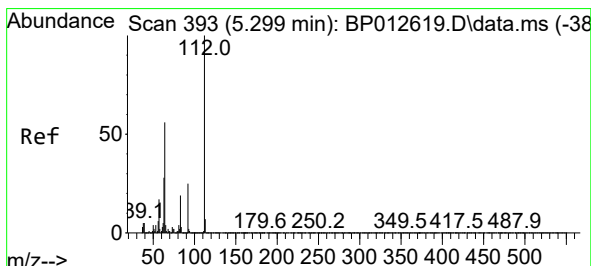
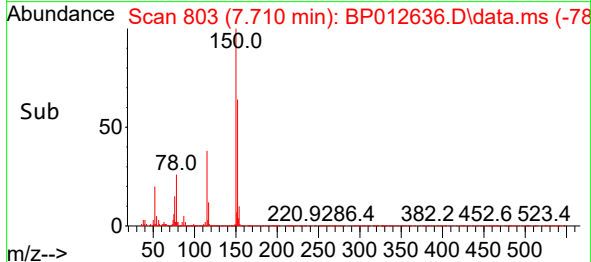
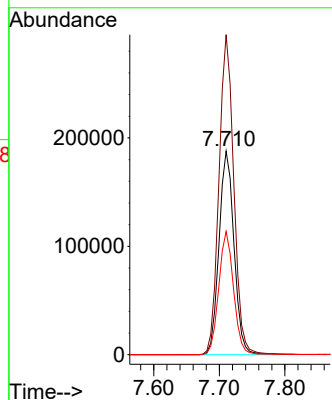
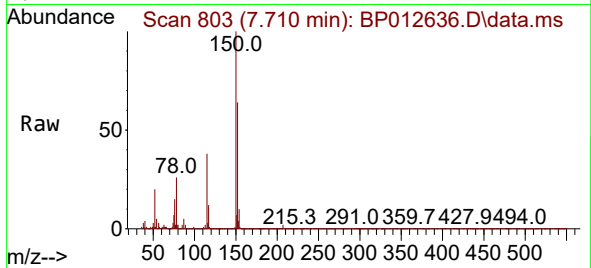




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP012636.D
Acq: 13 Nov 2022 00:48

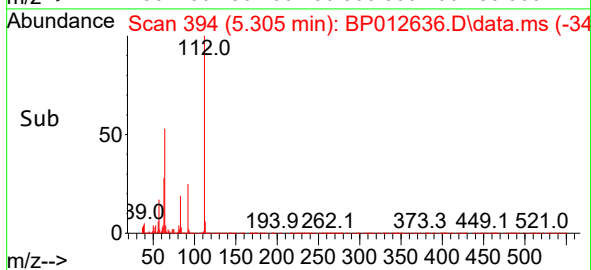
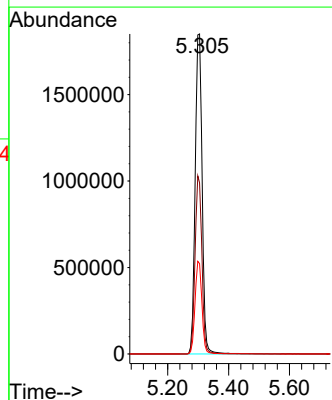
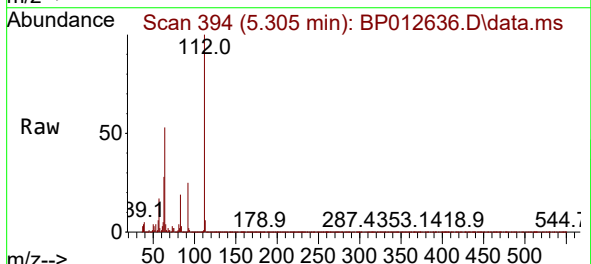
Instrument :
BNA_P
ClientSampleId :
TP-13

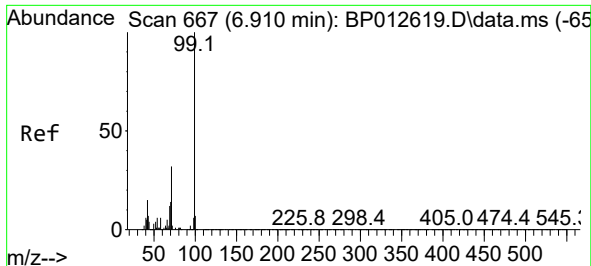
Tgt Ion:152 Resp: 297134
Ion Ratio Lower Upper
152 100
150 157.3 122.1 183.1
115 60.5 47.3 70.9



#5
2-Fluorophenol
Concen: 183.407 ng
RT: 5.305 min Scan# 394
Delta R.T. 0.006 min
Lab File: BP012636.D
Acq: 13 Nov 2022 00:48

Tgt Ion:112 Resp: 2926667
Ion Ratio Lower Upper
112 100
64 53.5 44.6 67.0
63 28.2 22.8 34.2





#7

Phenol-d6

Concen: 161.519 ng

RT: 6.905 min Scan# 6

Delta R.T. -0.005 min

Lab File: BP012636.D

Acq: 13 Nov 2022 00:48

Instrument :

BNA_P

ClientSampleId :

TP-13

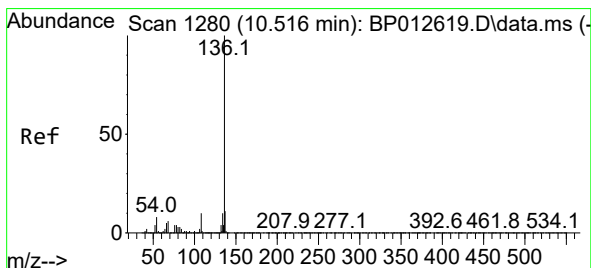
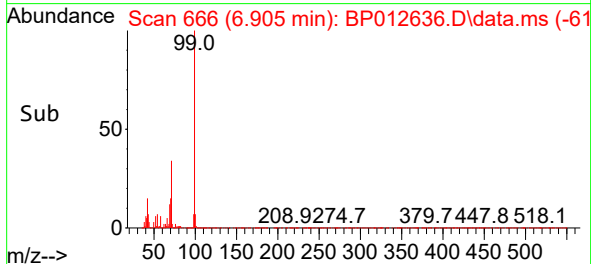
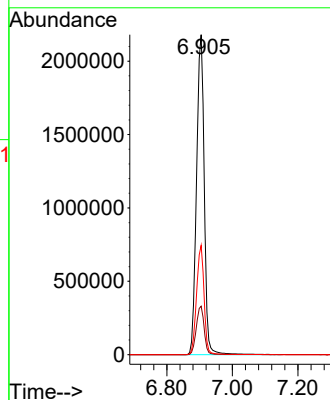
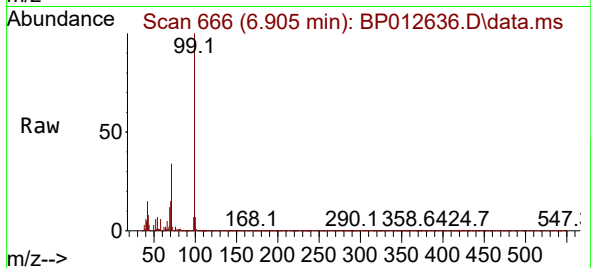
Tgt Ion: 99 Resp: 3577545

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 34.1 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.504 min Scan# 1278

Delta R.T. -0.012 min

Lab File: BP012636.D

Acq: 13 Nov 2022 00:48

Tgt Ion:136 Resp: 1218448

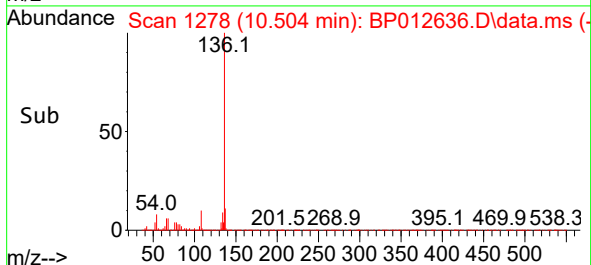
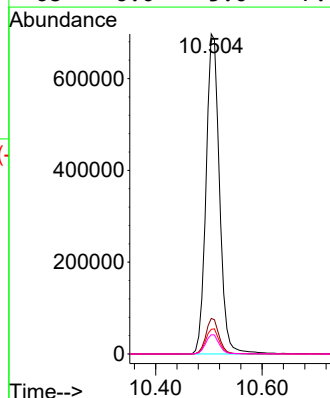
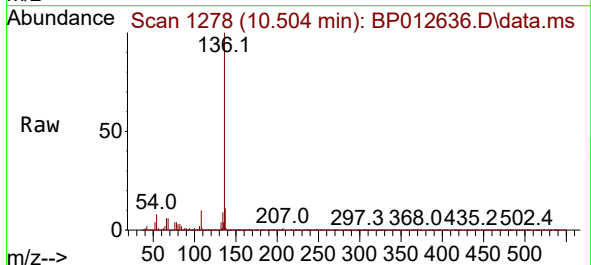
Ion Ratio Lower Upper

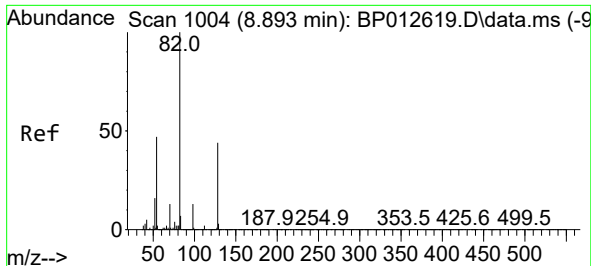
136 100

137 11.1 9.0 13.6

54 7.7 6.4 9.6

68 6.0 5.0 7.6

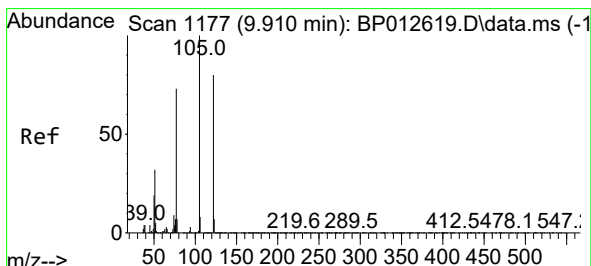
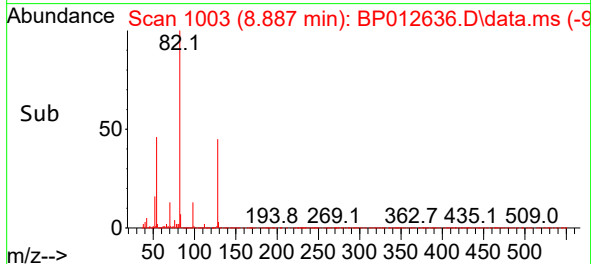
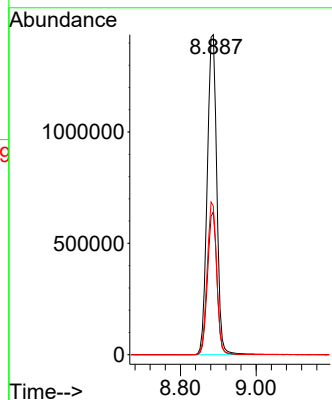
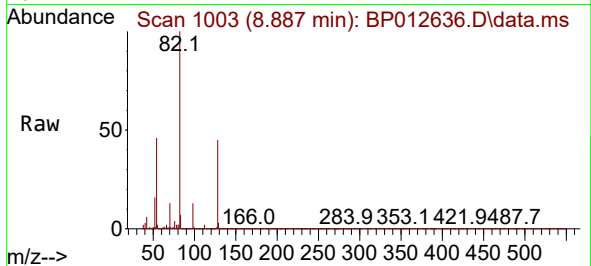




#23
Nitrobenzene-d5
Concen: 114.363 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP012636.D
Acq: 13 Nov 2022 00:48

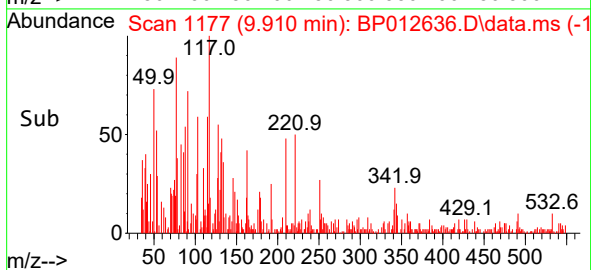
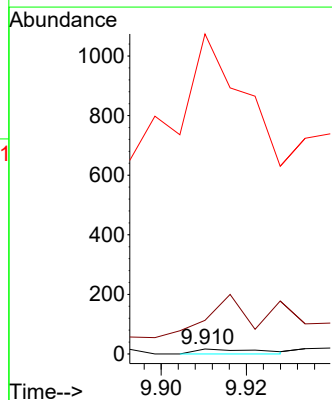
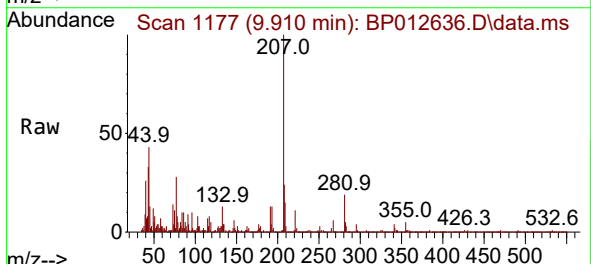
Instrument :
BNA_P
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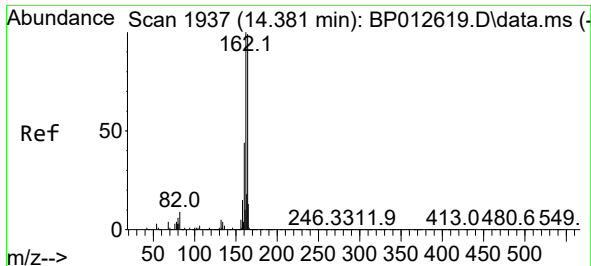
Tgt Ion: 82 Resp: 2511695
Ion Ratio Lower Upper
82 100
128 44.6 35.4 53.2
54 46.4 37.8 56.6



#32
Benzoic acid
Concen: 5.014 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP012636.D
Acq: 13 Nov 2022 00:48

Tgt Ion: 122 Resp: 18
Ion Ratio Lower Upper
122 100
105 664.7 102.2 142.2#
77 6317.6 70.7 110.7#

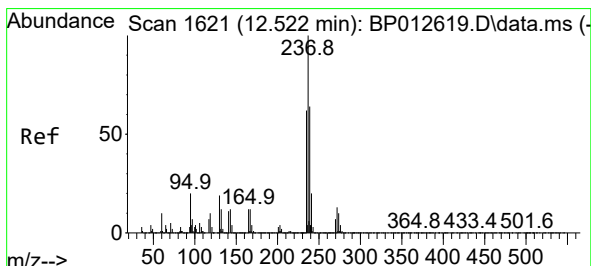
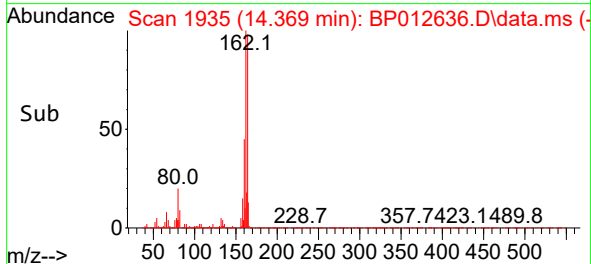
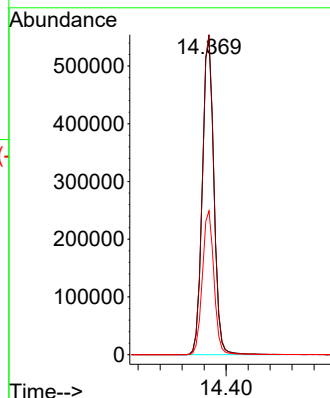
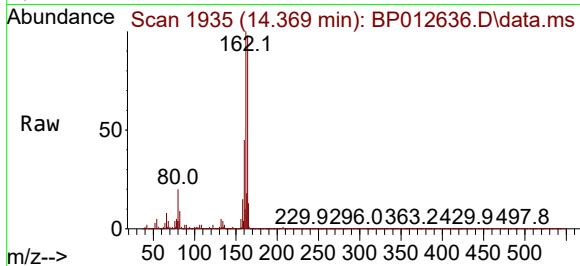




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BP012636.D
Acq: 13 Nov 2022 00:48

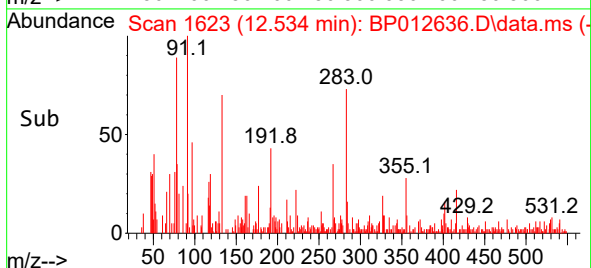
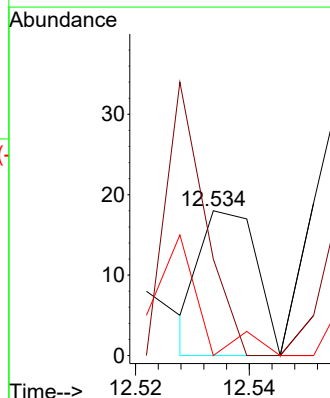
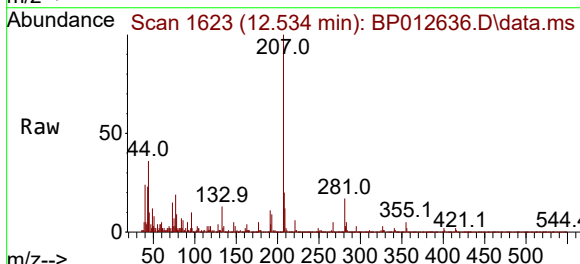
Instrument :
BNA_P
ClientSampleId :
TP-13

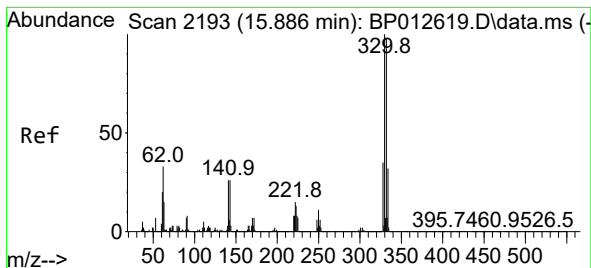
Tgt Ion:164 Resp: 800405
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 45.8 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 5.153 ng
RT: 12.534 min Scan# 1623
Delta R.T. 0.012 min
Lab File: BP012636.D
Acq: 13 Nov 2022 00:48

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 63.2 42.1 82.1
272 0.0 0.0 33.2





#42

2,4,6-Tribromophenol

Concen: 195.719 ng

RT: 15.875 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP012636.D

Acq: 13 Nov 2022 00:48

Instrument :

BNA_P

ClientSampleId :

TP-13

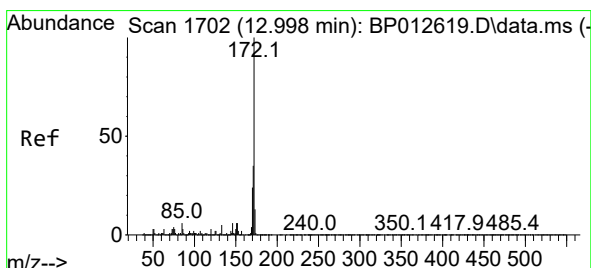
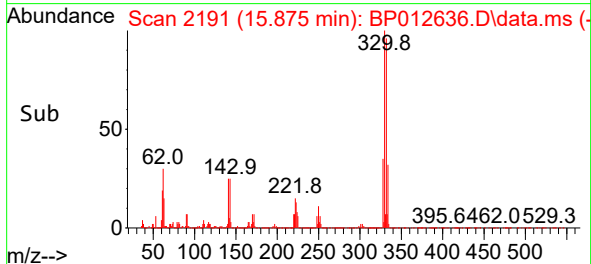
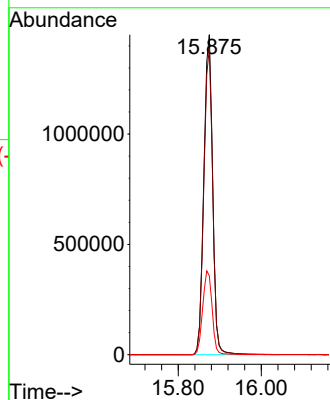
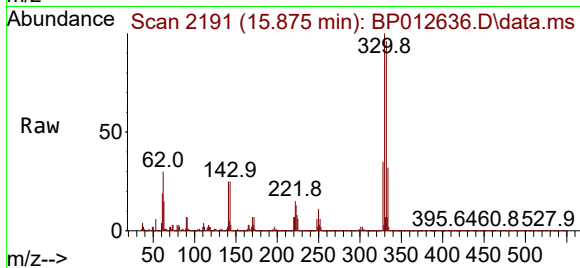
Tgt Ion:330 Resp: 2138548

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 28.1 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 105.050 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.011 min

Lab File: BP012636.D

Acq: 13 Nov 2022 00:48

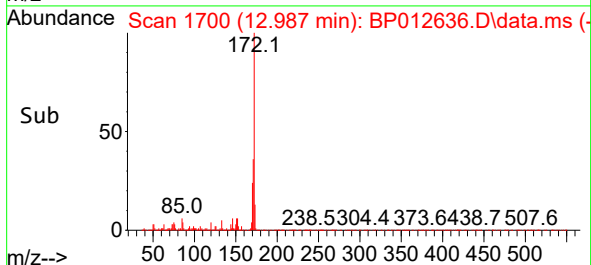
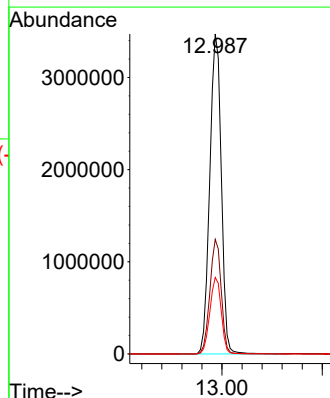
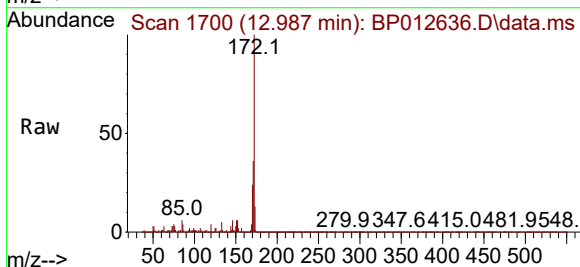
Tgt Ion:172 Resp: 5538705

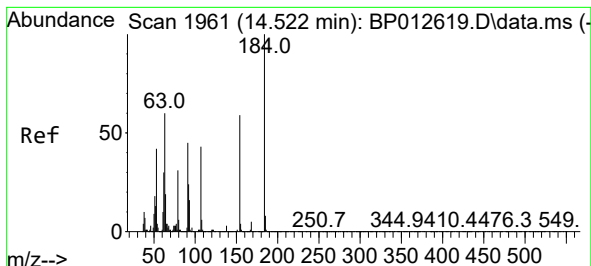
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.9 19.0 28.6





#54

2,4-Dinitrophenol

Concen: 4.842 ng

RT: 14.498 min Scan# 1961

Delta R.T. -0.024 min

Lab File: BP012636.D

Acq: 13 Nov 2022 00:48

Instrument :

BNA_P

ClientSampleId :

TP-13

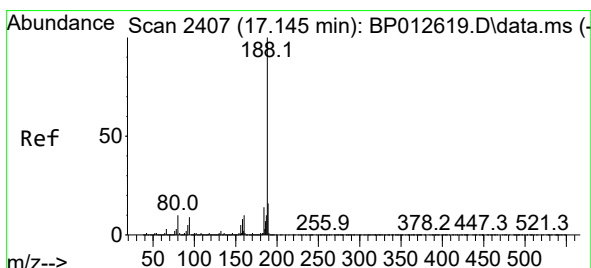
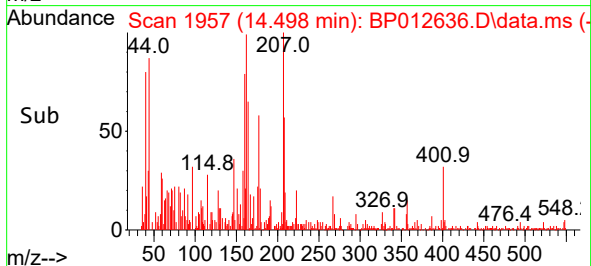
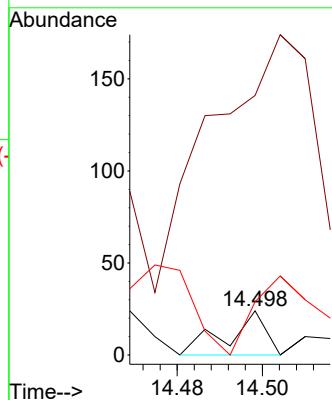
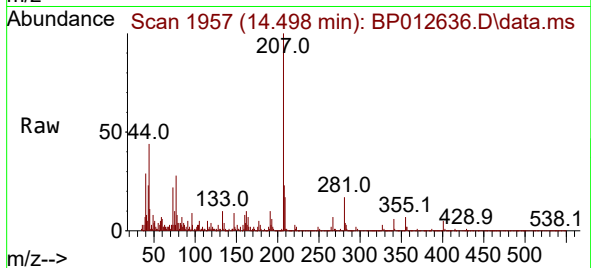
Tgt Ion:184 Resp: 15

Ion Ratio Lower Upper

184 100

63 587.5 48.5 72.7#

154 120.8 49.4 74.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.133 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP012636.D

Acq: 13 Nov 2022 00:48

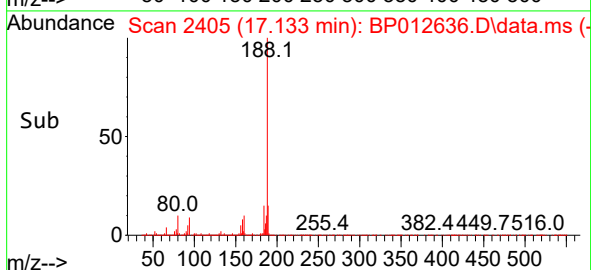
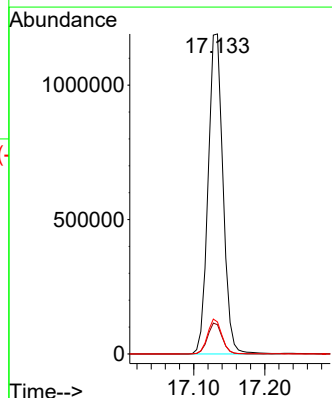
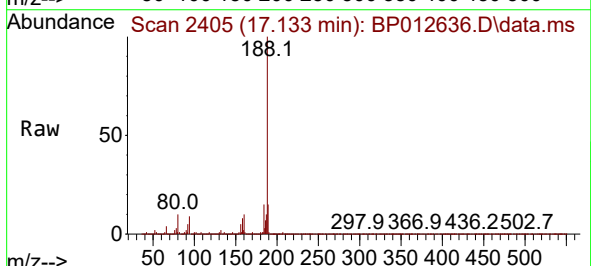
Tgt Ion:188 Resp: 1735653

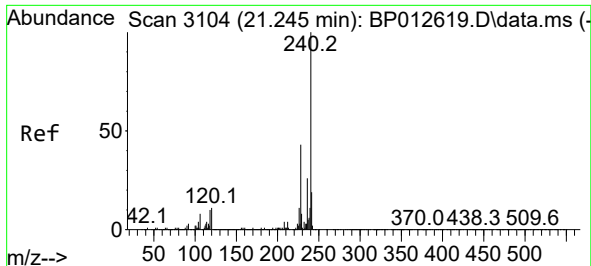
Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 10.0 8.2 12.2

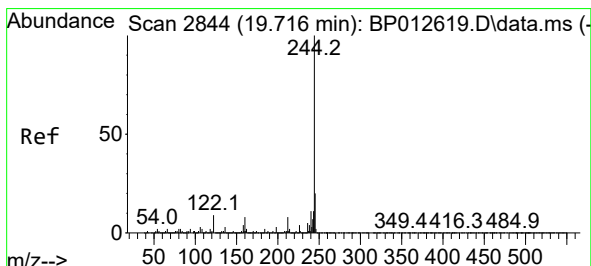
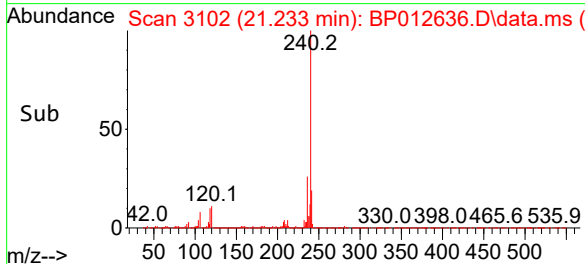
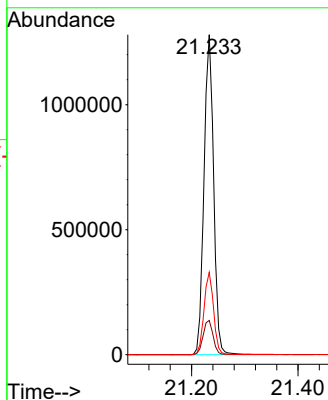
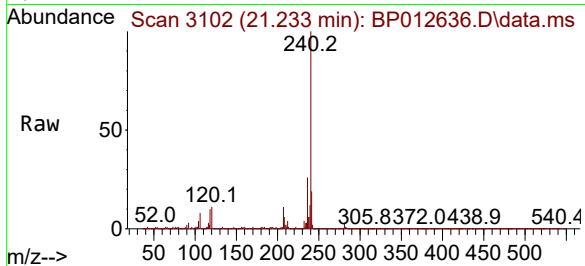




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP012636.D
Acq: 13 Nov 2022 00:48

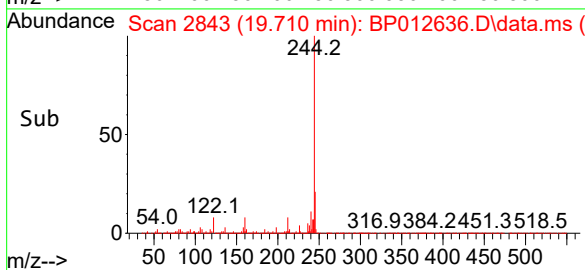
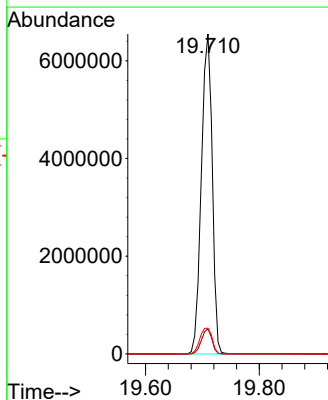
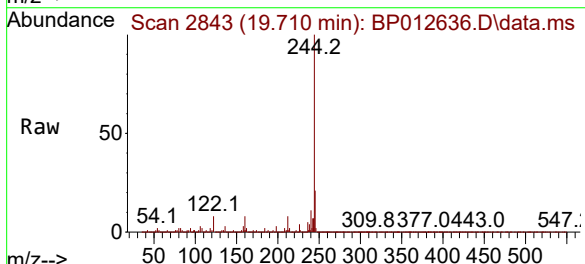
Instrument :
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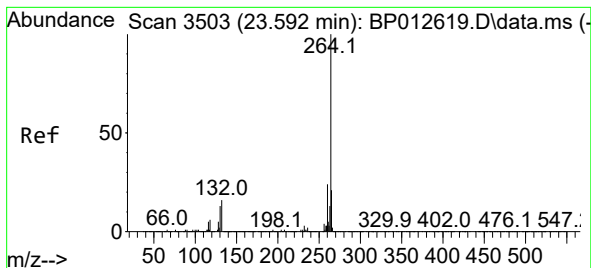
Tgt Ion:240 Resp: 1600561
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 110.114 ng
RT: 19.710 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP012636.D
Acq: 13 Nov 2022 00:48

Tgt Ion:244 Resp: 8699491
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 8.1 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: BP012636.D

Acq: 13 Nov 2022 00:48

Instrument :

BNA_P

ClientSampleId :

TP-13

Tgt Ion:264 Resp: 1422622

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.4 17.8 26.8

