

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012632.D
 Acq On : 12 Nov 2022 22:31
 Operator : CG/JU
 Sample : N5502-02RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2182RE

Quant Time: Nov 14 03:23:03 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)

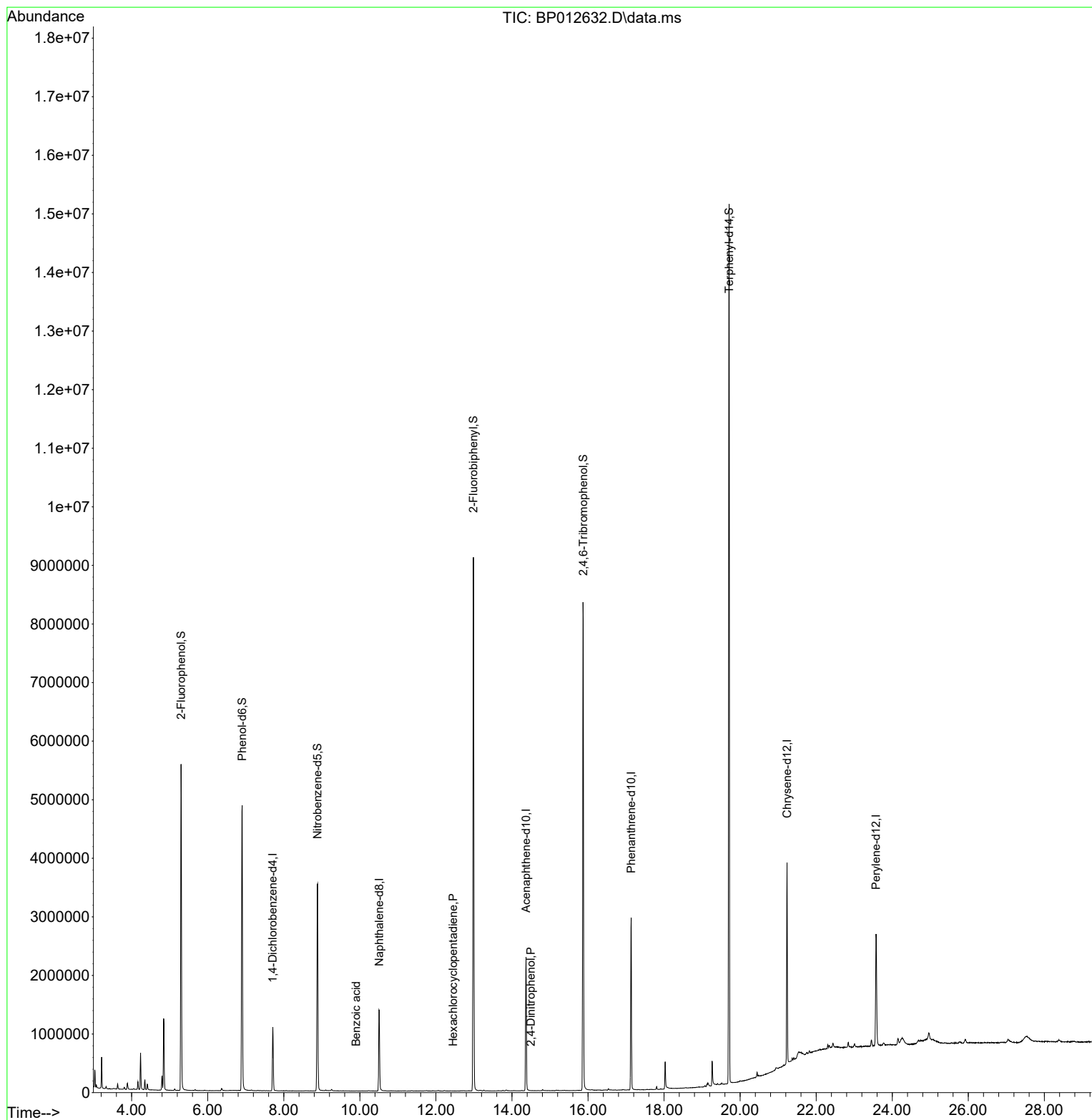
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	299881	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1221918	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	801050	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1747896	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1596414	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1373937	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	2503328	155.440	ng	0.00
7) Phenol-d6	6.905	99	3033214	135.689	ng	0.00
23) Nitrobenzene-d5	8.887	82	2183698	99.146	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1819579	166.393	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4972459	94.234	ng	-0.01
79) Terphenyl-d14	19.710	244	7741897	98.248	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.905	122	29	5.014	ng	# 1
41) Hexachlorocyclopentadiene	12.451	237	29	5.154	ng	80
54) 2,4-Dinitrophenol	14.498	184	16	4.842	ng	# 1

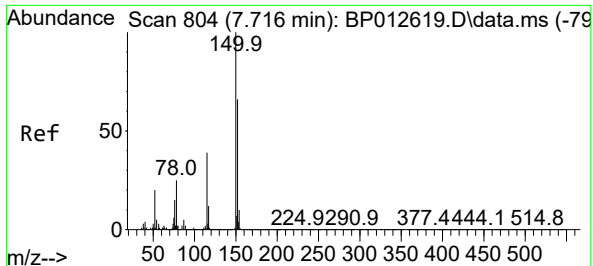
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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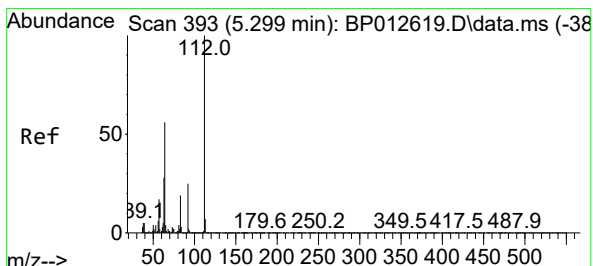
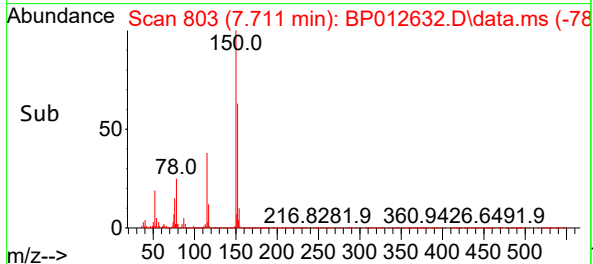
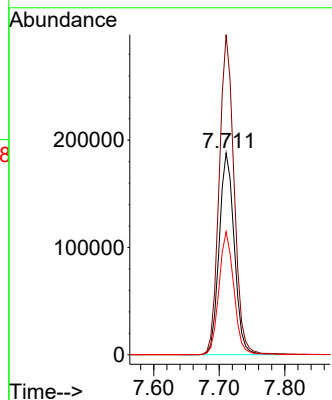
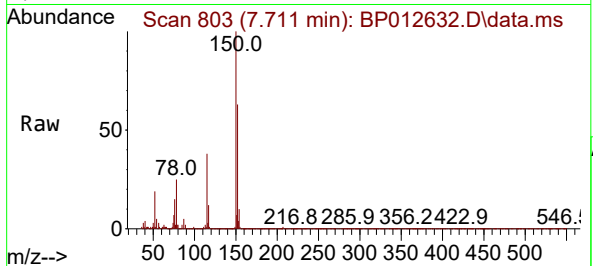




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

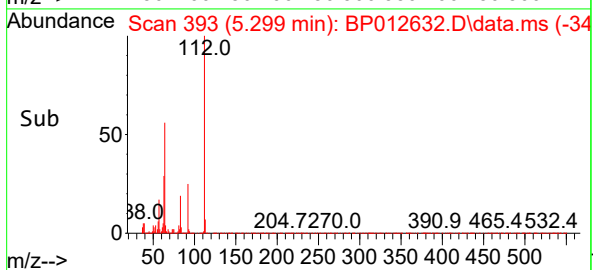
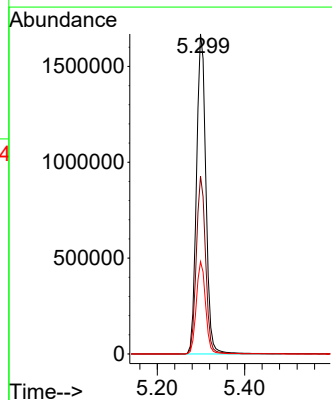
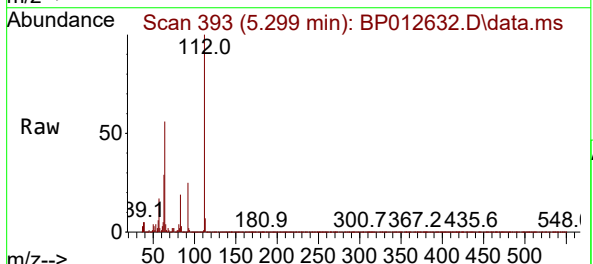
Instrument :
BNA_P
ClientSampleId :
2182RE

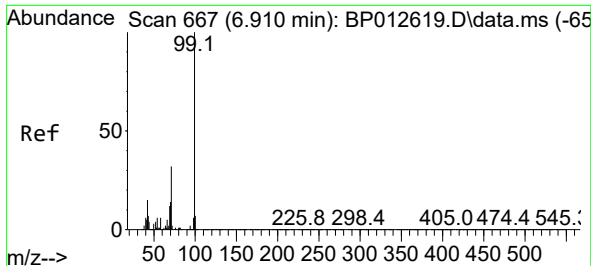
Tgt Ion:152 Resp: 299881
Ion Ratio Lower Upper
152 100
150 158.6 122.1 183.1
115 61.0 47.3 70.9



#5
2-Fluorophenol
Concen: 155.440 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.000 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

Tgt Ion:112 Resp: 2503328
Ion Ratio Lower Upper
112 100
64 55.6 44.6 67.0
63 28.8 22.8 34.2

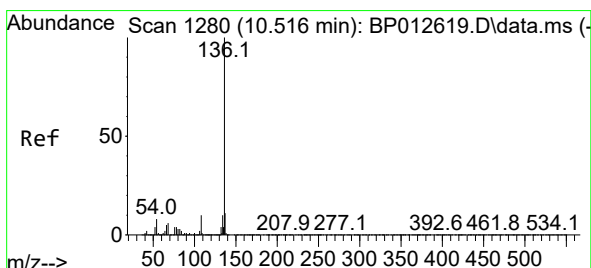
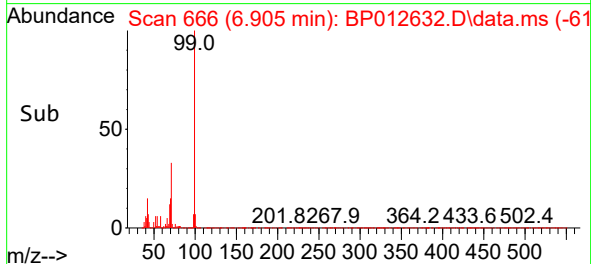
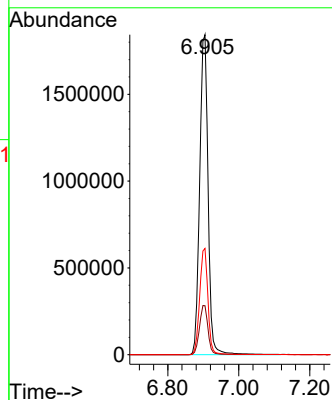
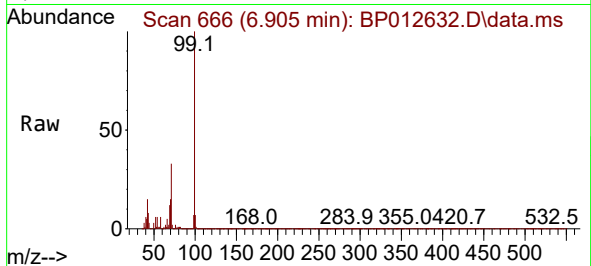




#7
Phenol-d6
Concen: 135.689 ng
RT: 6.905 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

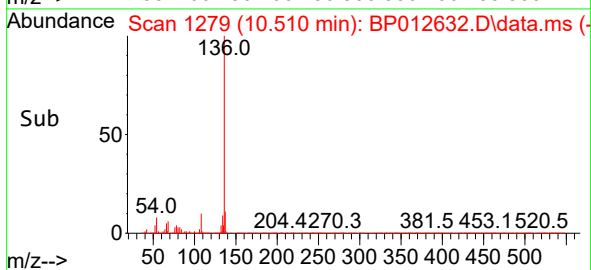
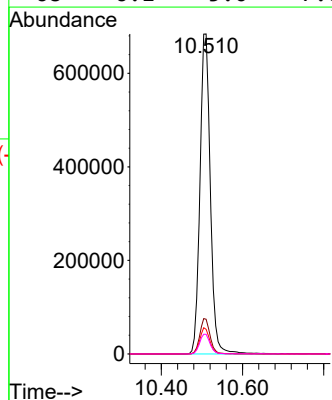
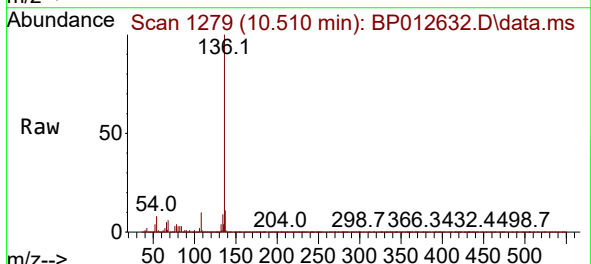
Instrument :
BNA_P
ClientSampleId :
2182RE

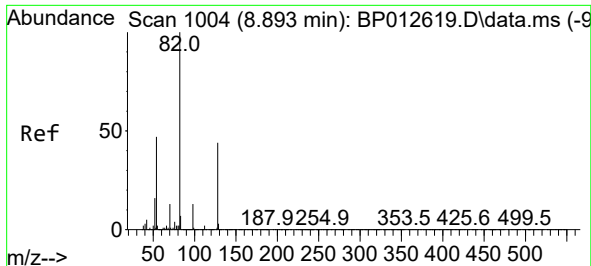
Tgt Ion: 99 Resp: 3033214
Ion Ratio Lower Upper
99 100
42 15.3 12.2 18.2
71 33.2 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

Tgt Ion: 136 Resp: 1221918
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.7 6.4 9.6
68 6.1 5.0 7.6

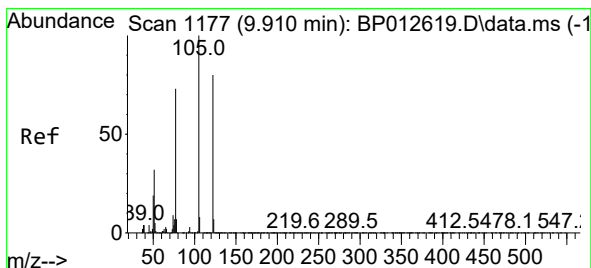
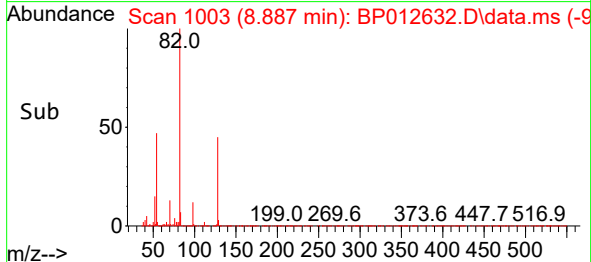
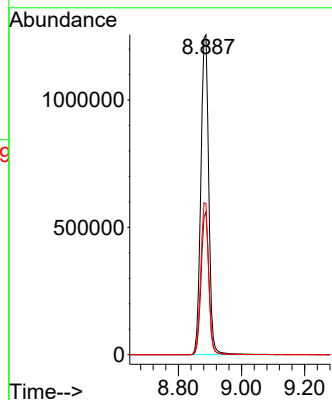
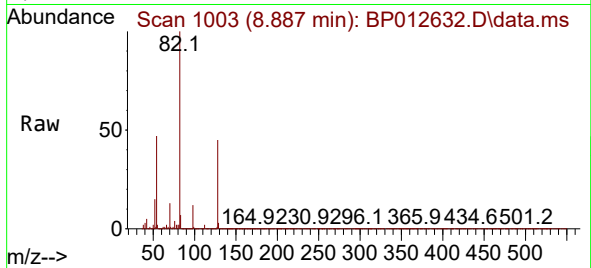




#23
Nitrobenzene-d5
Concen: 99.146 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

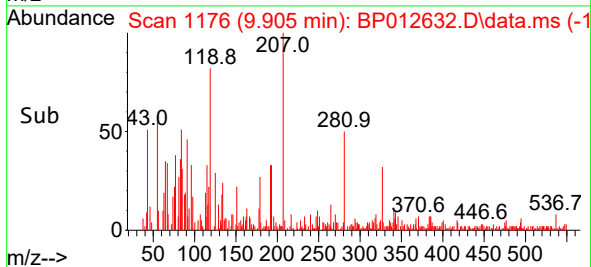
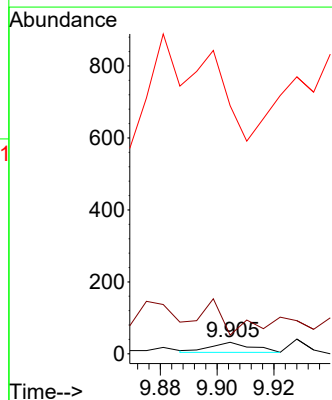
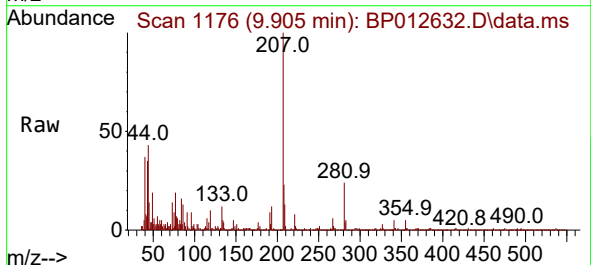
Instrument :
BNA_P
ClientSampleId :
2182RE

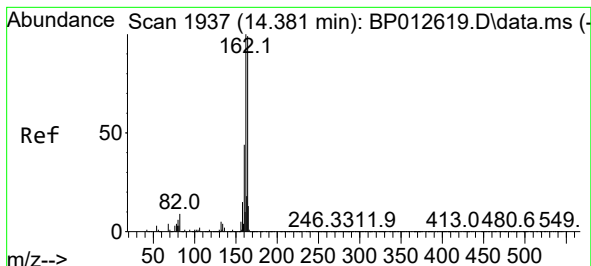
Tgt Ion: 82 Resp: 2183698
Ion Ratio Lower Upper
82 100
128 44.5 35.4 53.2
54 47.2 37.8 56.6



#32
Benzoic acid
Concen: 5.014 ng
RT: 9.905 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

Tgt Ion:122 Resp: 29
Ion Ratio Lower Upper
122 100
105 162.5 102.2 142.2#
77 2156.3 70.7 110.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.369 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP012632.D

Acq: 12 Nov 2022 22:31

Instrument :

BNA_P

ClientSampleId :

2182RE

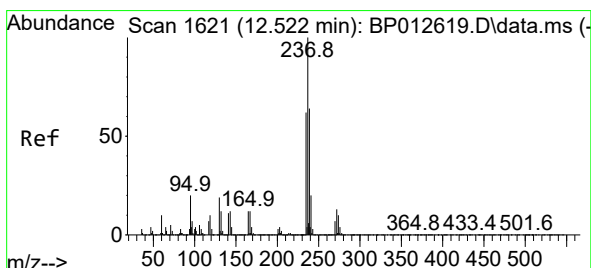
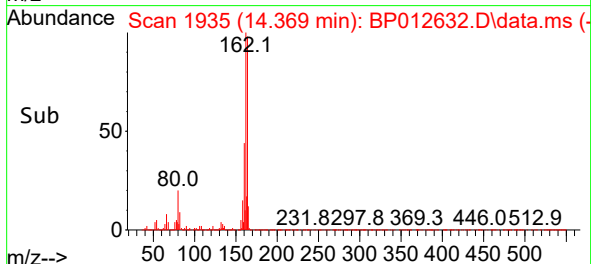
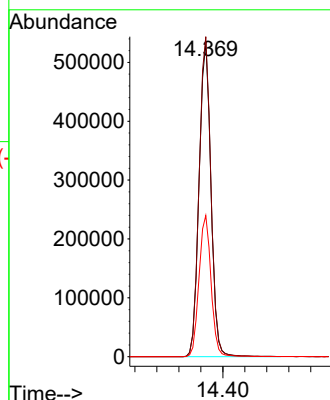
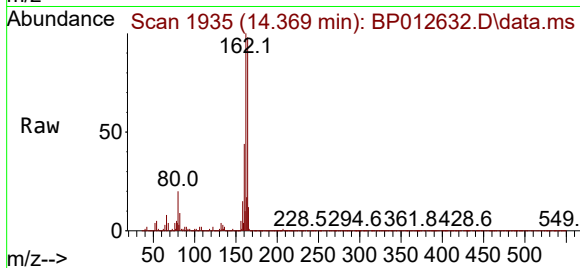
Tgt Ion:164 Resp: 801050

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.6

160 44.9 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 5.154 ng

RT: 12.451 min Scan# 1609

Delta R.T. -0.071 min

Lab File: BP012632.D

Acq: 12 Nov 2022 22:31

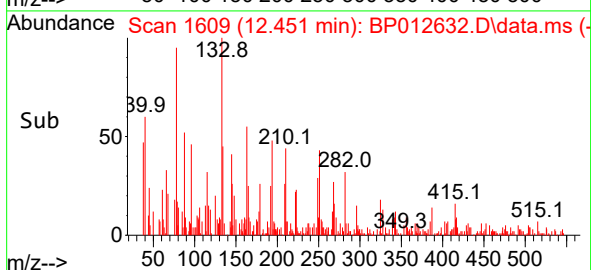
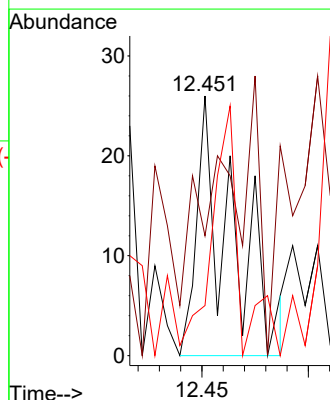
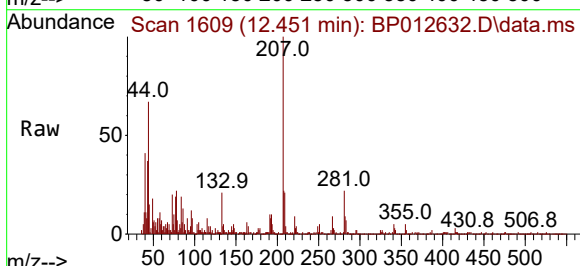
Tgt Ion:237 Resp: 29

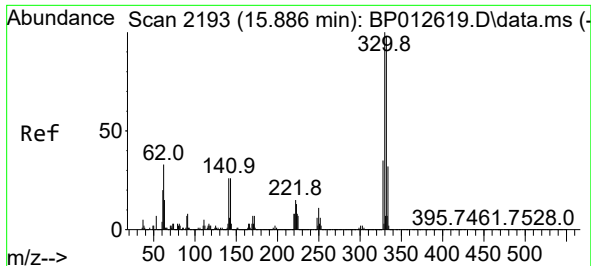
Ion Ratio Lower Upper

237 100

235 46.2 42.1 82.1

272 19.2 0.0 33.2

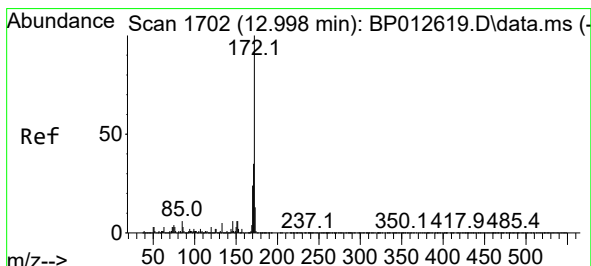
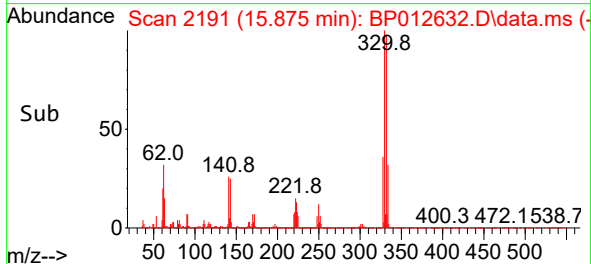
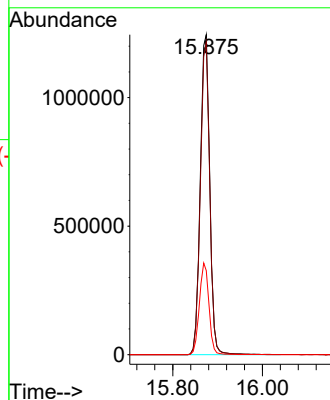
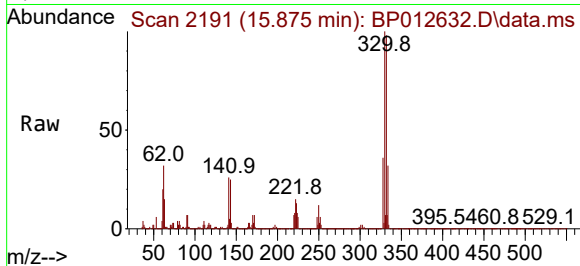




#42
2,4,6-Tribromophenol
Concen: 166.393 ng
RT: 15.875 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

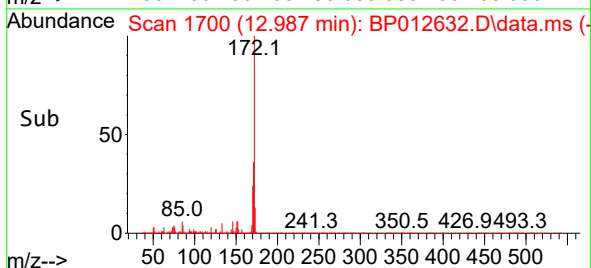
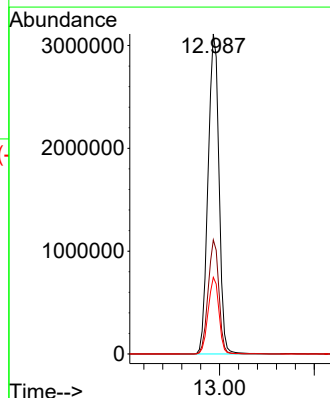
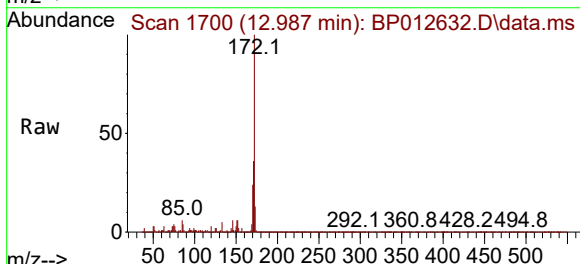
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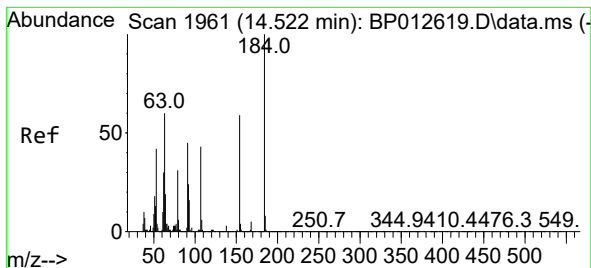
Tgt Ion:330 Resp: 1819579
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 29.0 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 94.234 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.011 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

Tgt Ion:172 Resp: 4972459
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 24.0 19.0 28.6

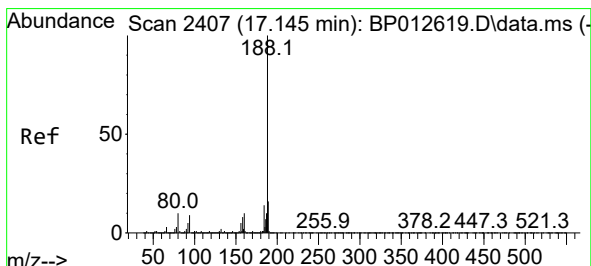
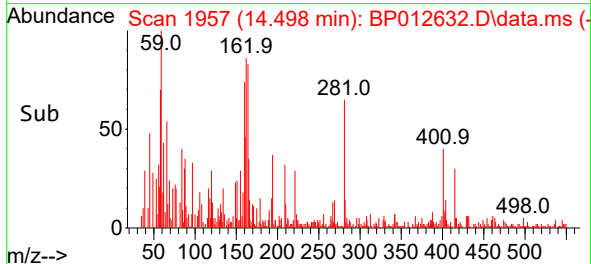
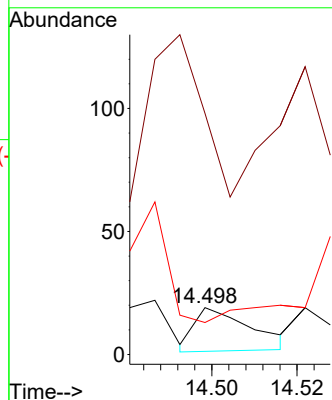
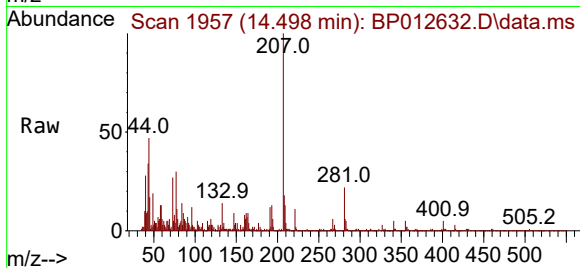




#54
2,4-Dinitrophenol
Concen: 4.842 ng
RT: 14.498 min Scan# 1961
Delta R.T. -0.024 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

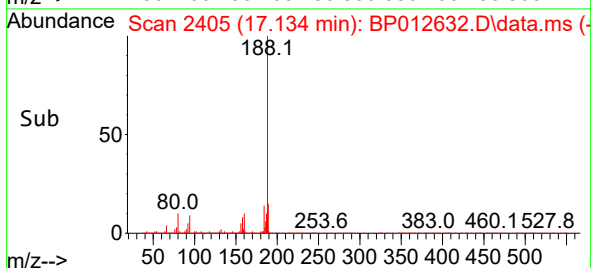
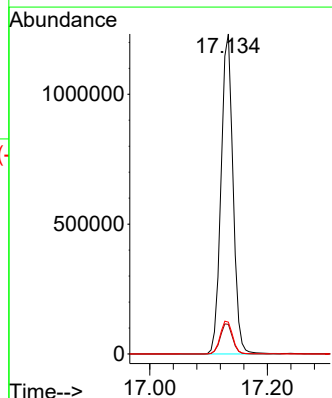
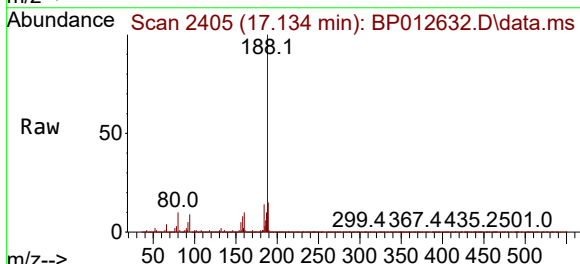
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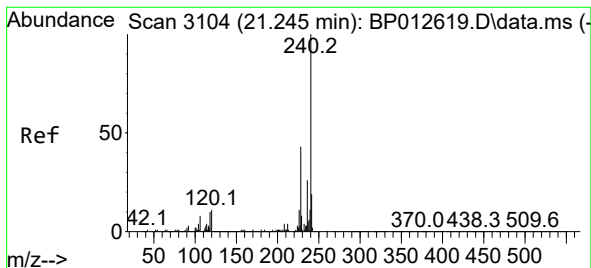
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 515.8 48.5 72.7#
154 68.4 49.4 74.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BP012632.D
Acq: 12 Nov 2022 22:31

Tgt Ion:188 Resp: 1747896
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.0 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: BP012632.D

Acq: 12 Nov 2022 22:31

Instrument :

BNA_P

ClientSampleId :

2182RE

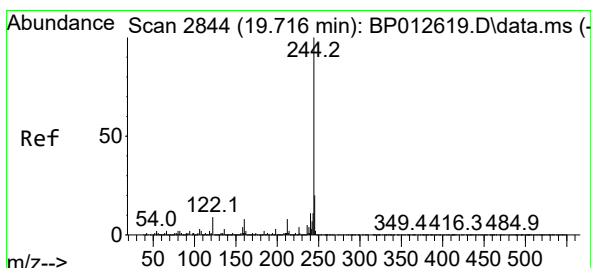
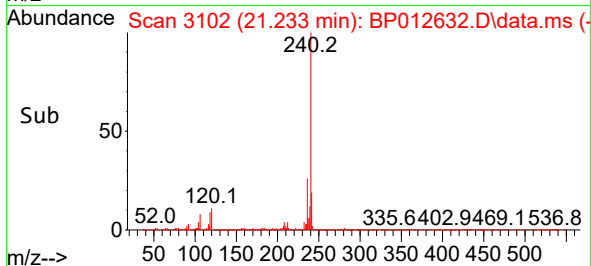
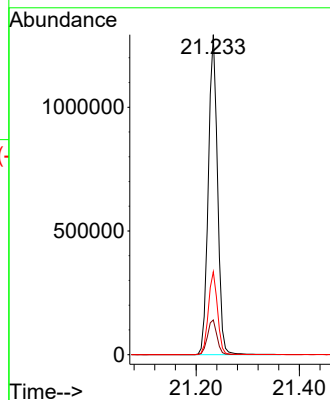
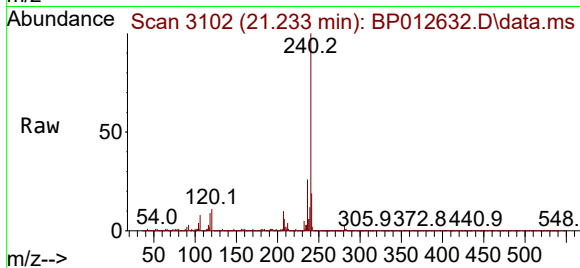
Tgt Ion:240 Resp: 1596414

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

236 25.9 20.8 31.2



#79

Terphenyl-d14

Concen: 98.248 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP012632.D

Acq: 12 Nov 2022 22:31

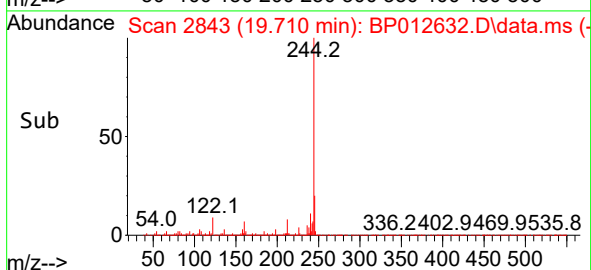
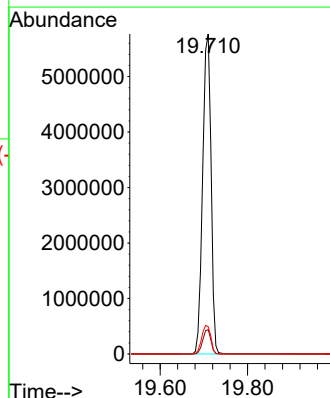
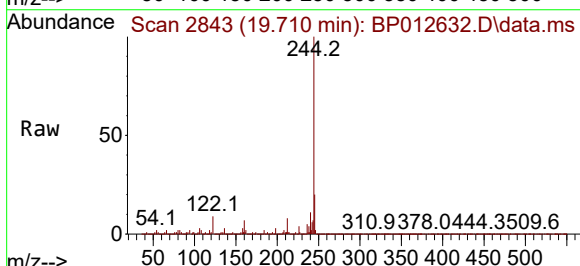
Tgt Ion:244 Resp: 7741897

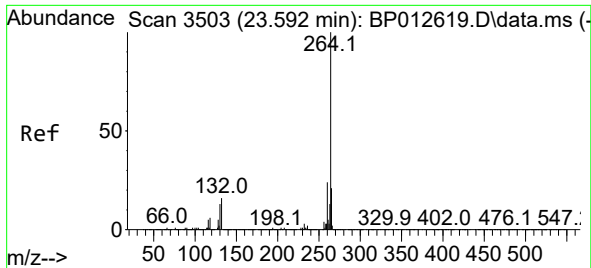
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 8.6 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: BP012632.D

Acq: 12 Nov 2022 22:31

Instrument :

BNA_P

ClientSampleId :

2182RE

Tgt Ion:264 Resp: 1373937

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.0 17.8 26.8

