

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012624.D
 Acq On : 12 Nov 2022 16:11
 Operator : CG/JU
 Sample : PB148287BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB148287BL

Quant Time: Nov 14 03:20:45 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)

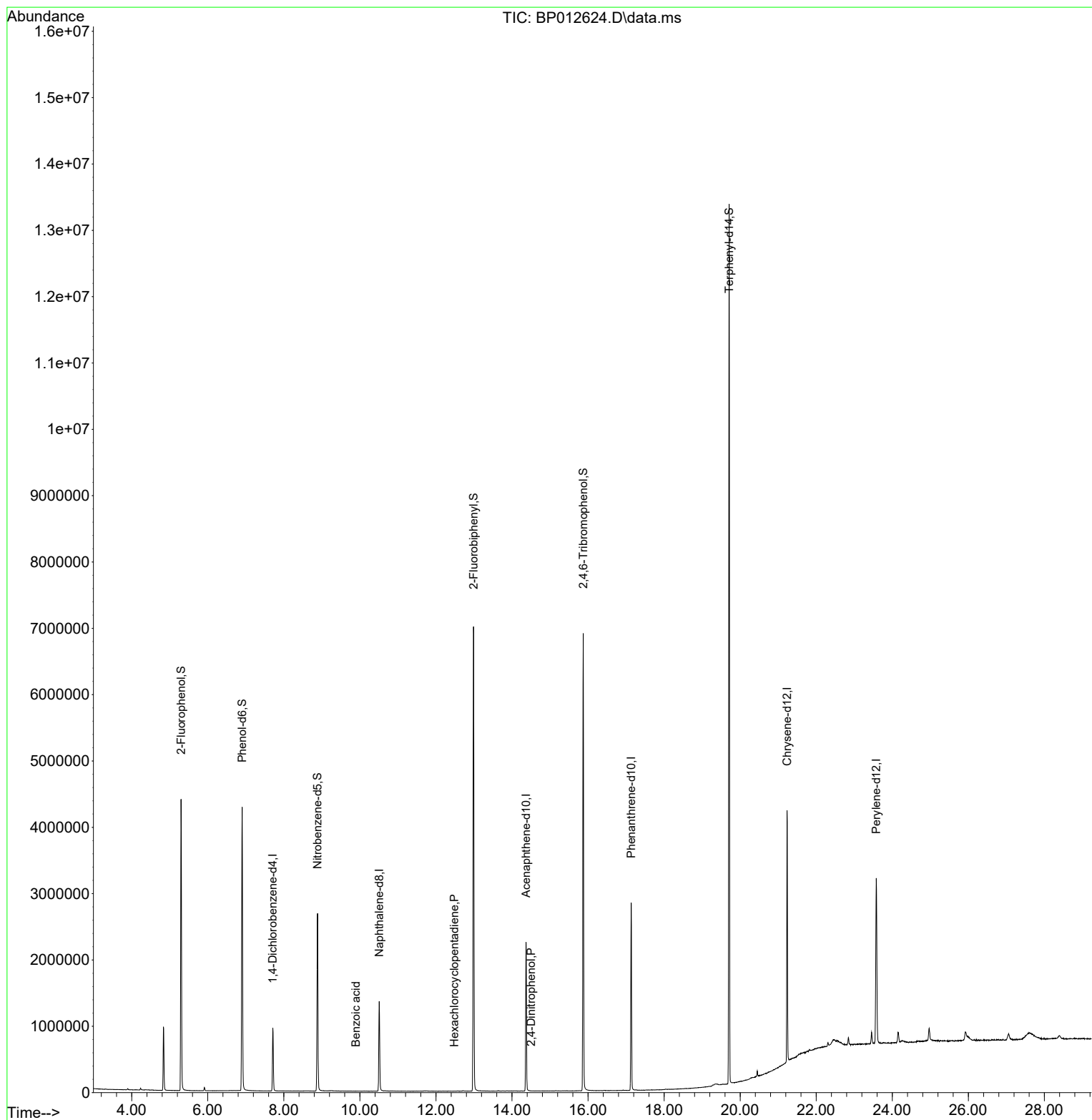
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	266613	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1157603	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	783446	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	1739253	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1791909	20.000	ng	-0.01
86) Perylene-d12	23.580	264	1878774	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1983904	138.559	ng	0.00
7) Phenol-d6	6.905	99	2616791	131.667	ng	0.00
23) Nitrobenzene-d5	8.887	82	1608037	77.066	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1430634	133.765	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3831708	74.247	ng	0.00
79) Terphenyl-d14	19.710	244	6575796	74.345	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.899	122	8	5.013	ng	# 1
41) Hexachlorocyclopentadiene	12.481	237	30	5.154	ng	80
54) 2,4-Dinitrophenol	14.504	184	7	4.841	ng	# 1

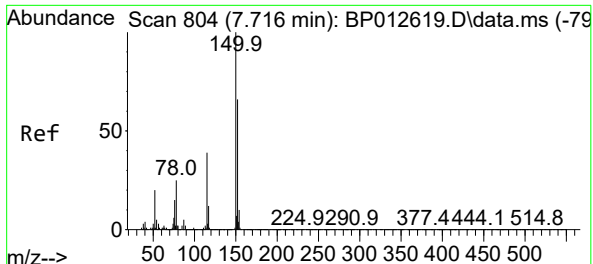
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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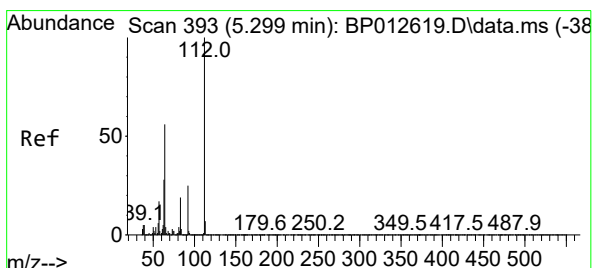
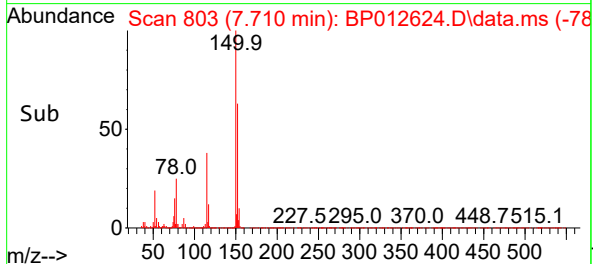
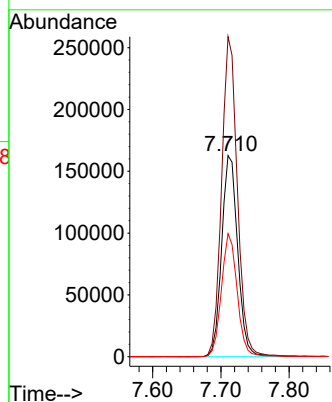
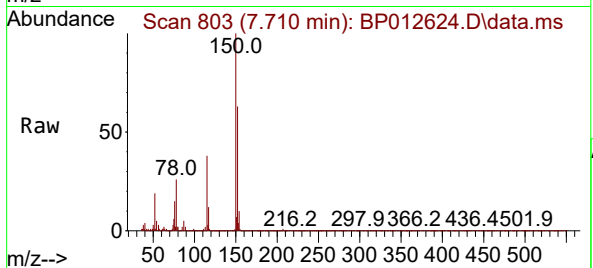




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

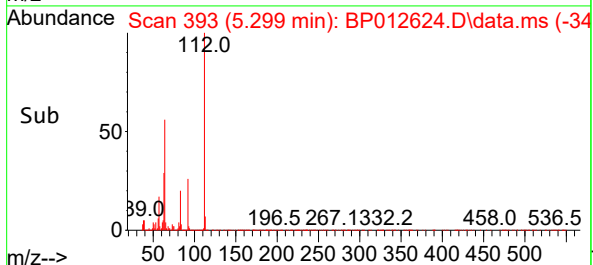
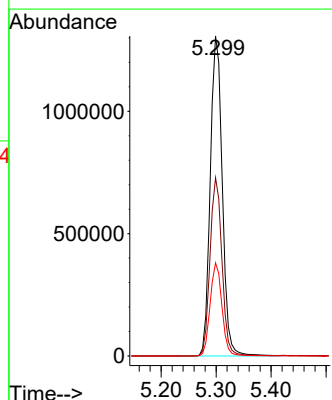
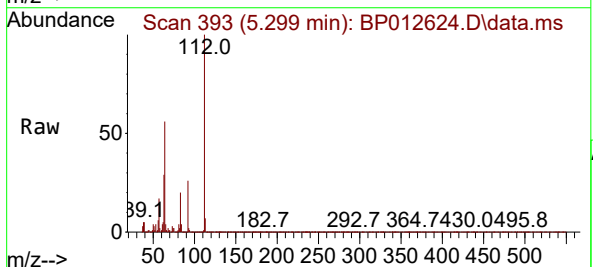
Instrument :
BNA_P
ClientSampleId :
PB148287BL

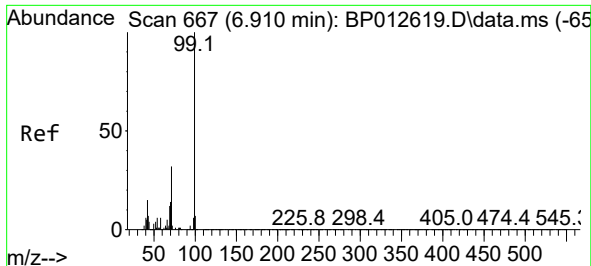
Tgt Ion:152 Resp: 266613
Ion Ratio Lower Upper
152 100
150 159.1 122.1 183.1
115 61.2 47.3 70.9



#5
2-Fluorophenol
Concen: 138.559 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.000 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

Tgt Ion:112 Resp: 1983904
Ion Ratio Lower Upper
112 100
64 55.7 44.6 67.0
63 29.1 22.8 34.2

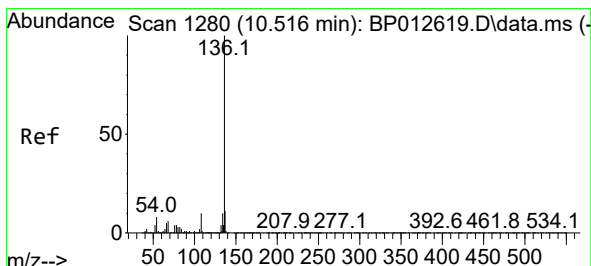
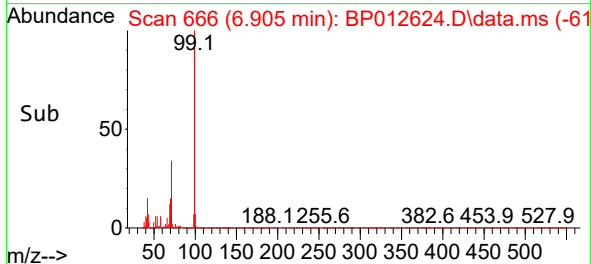
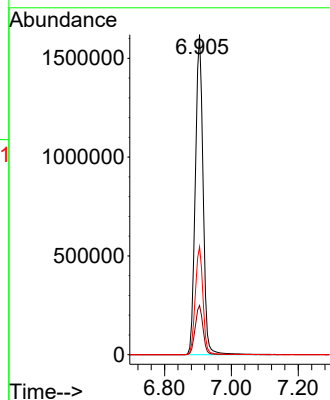
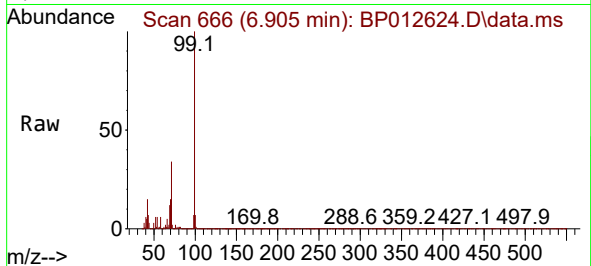




#7
Phenol-d6
Concen: 131.667 ng
RT: 6.905 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

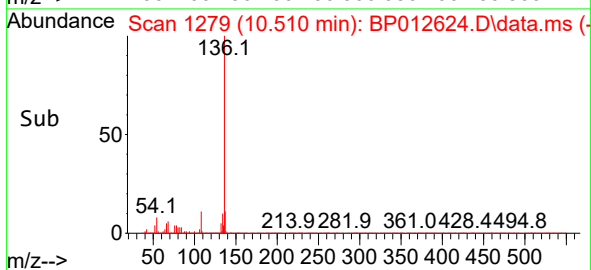
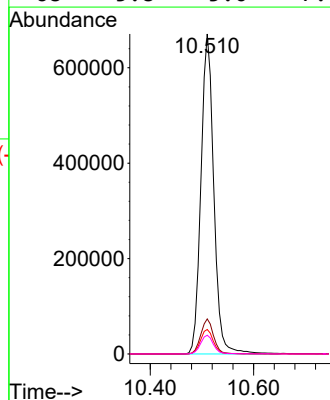
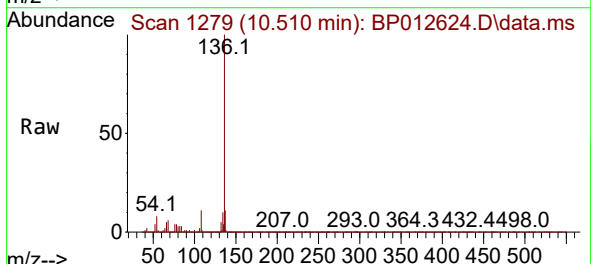
Instrument :
BNA_P
ClientSampleId :
PB148287BL

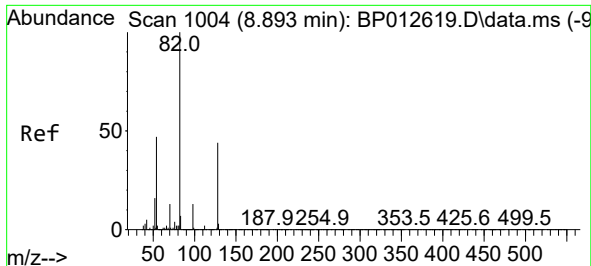
Tgt Ion: 99 Resp: 2616791
Ion Ratio Lower Upper
99 100
42 15.4 12.2 18.2
71 33.7 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

Tgt Ion:136 Resp: 1157603
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.6 6.4 9.6
68 5.8 5.0 7.6

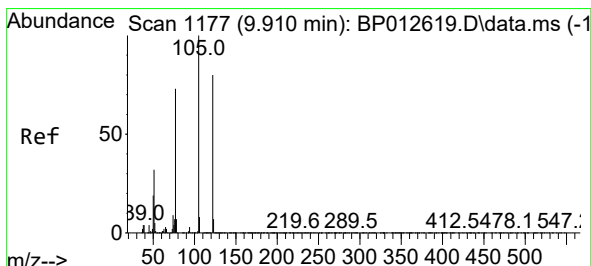
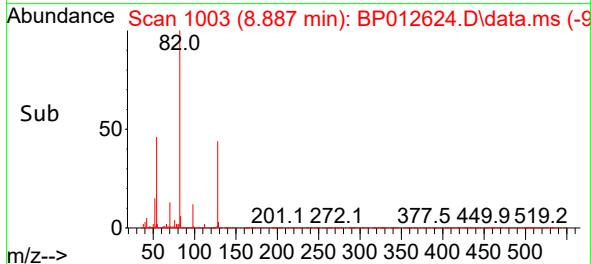
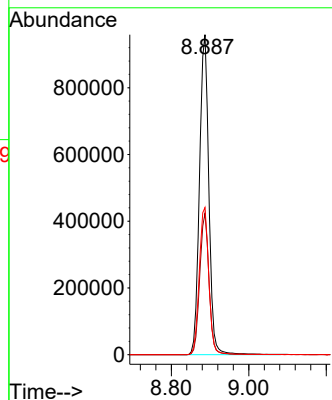
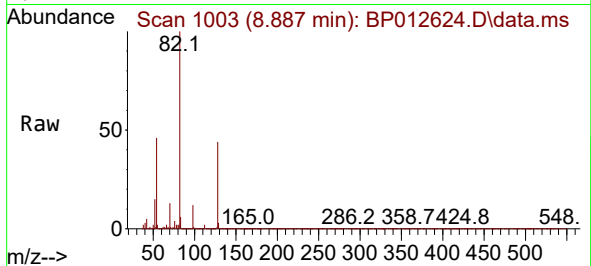




#23
Nitrobenzene-d5
Concen: 77.066 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

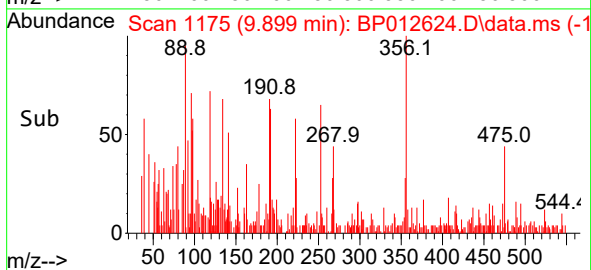
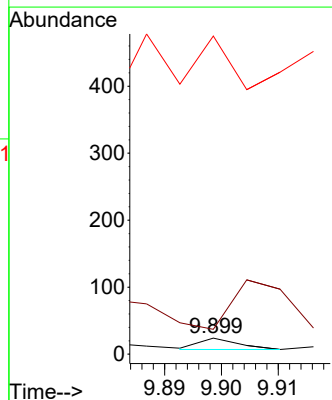
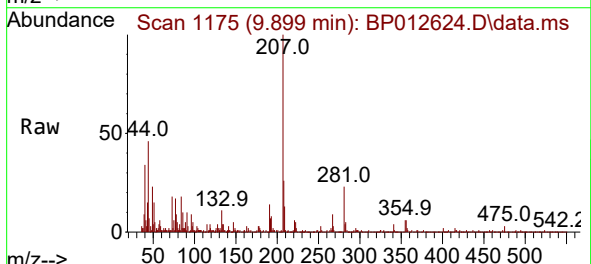
Instrument :
BNA_P
ClientSampleId :
PB148287BL

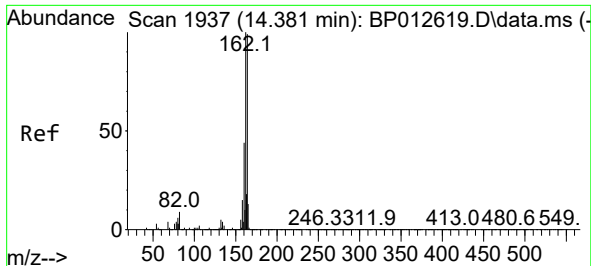
Tgt Ion: 82 Resp: 1608037
Ion Ratio Lower Upper
82 100
128 44.2 35.4 53.2
54 46.0 37.8 56.6



#32
Benzoic acid
Concen: 5.013 ng
RT: 9.899 min Scan# 1175
Delta R.T. -0.011 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

Tgt Ion:122 Resp: 8
Ion Ratio Lower Upper
122 100
105 154.2 102.2 142.2#
77 1979.2 70.7 110.7#

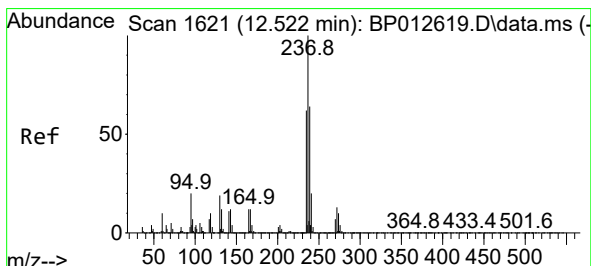
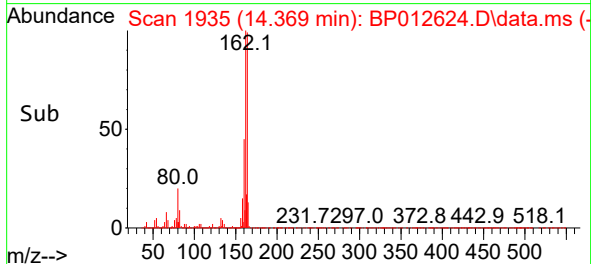
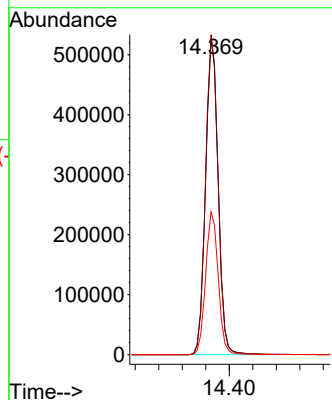
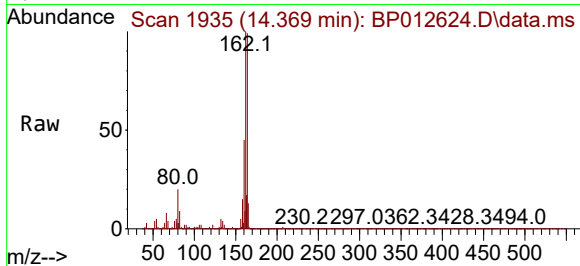




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

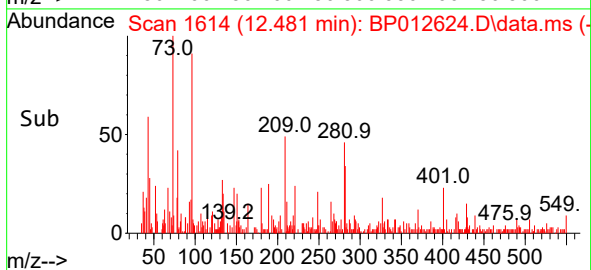
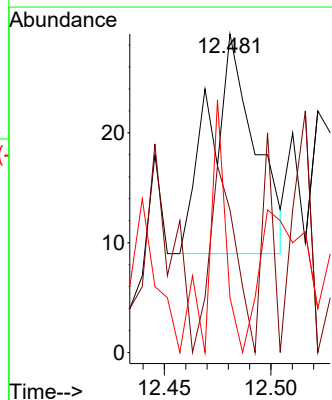
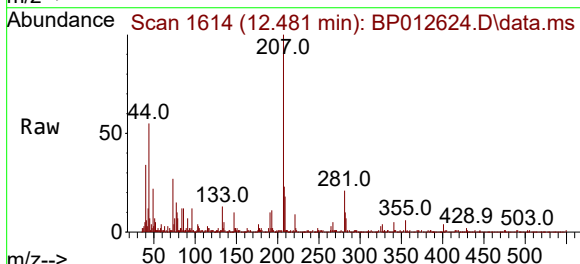
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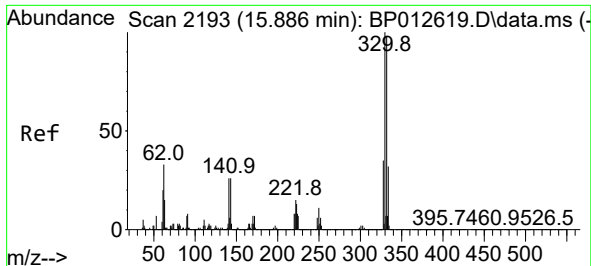
Tgt Ion:164 Resp: 783446
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 45.1 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 5.154 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.041 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

Tgt Ion:237 Resp: 30
Ion Ratio Lower Upper
237 100
235 44.8 42.1 82.1
272 17.2 0.0 33.2

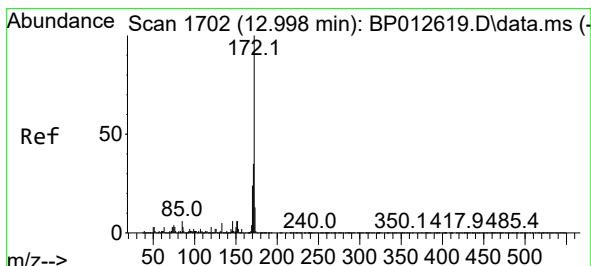
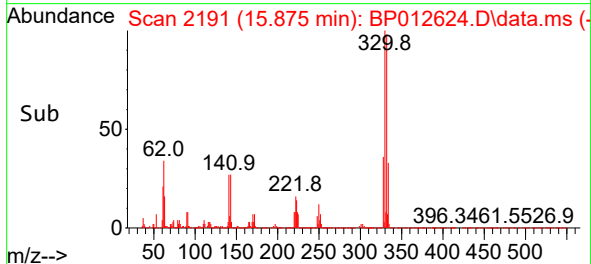
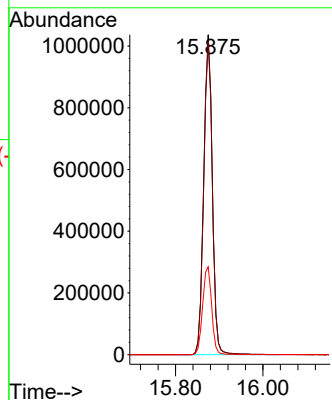
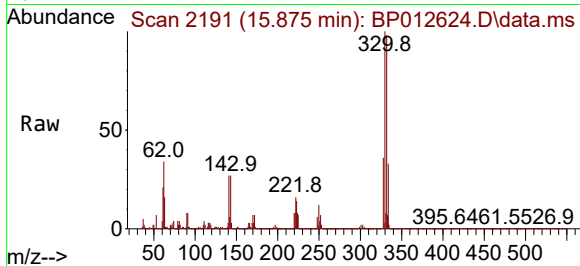




#42
2,4,6-Tribromophenol
Concen: 133.765 ng
RT: 15.875 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

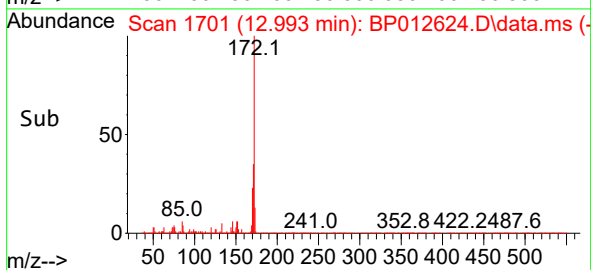
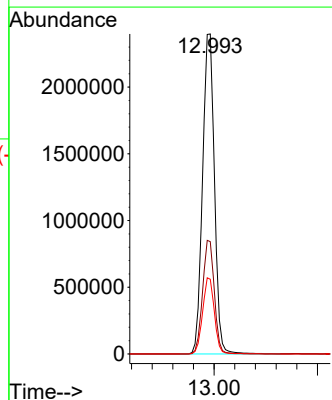
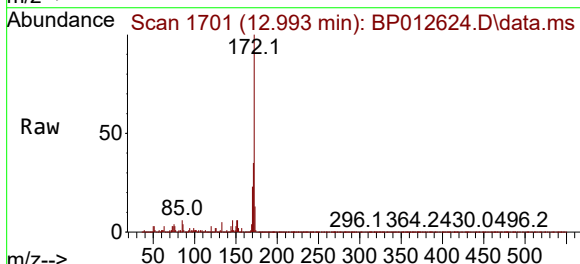
Instrument :
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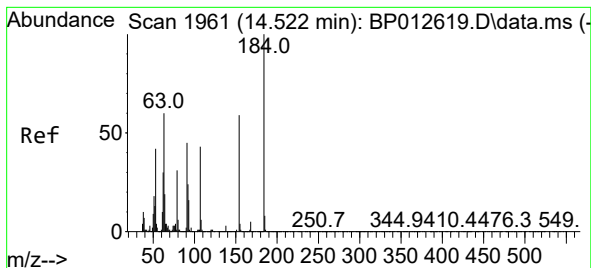
Tgt Ion:330 Resp: 1430634
Ion Ratio Lower Upper
330 100
332 97.8 77.6 116.4
141 28.8 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 74.247 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

Tgt Ion:172 Resp: 3831708
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.3 19.0 28.6

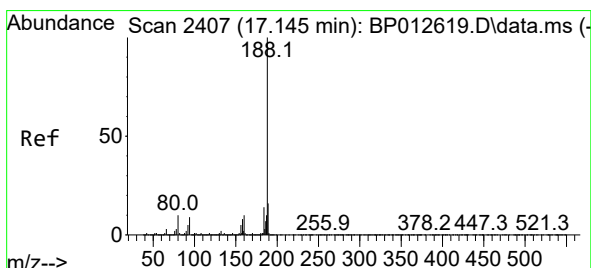
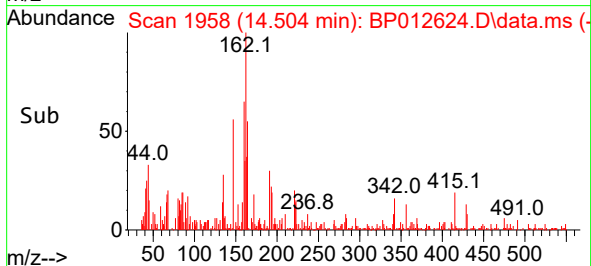
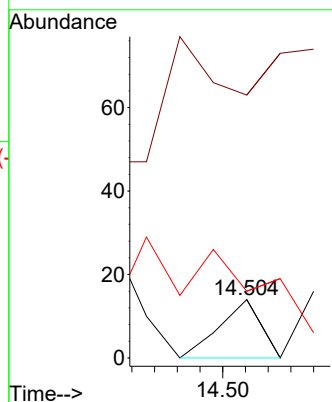
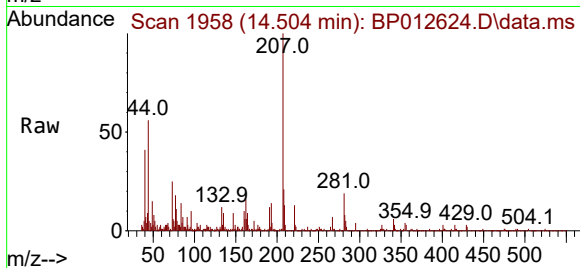




#54
2,4-Dinitrophenol
Concen: 4.841 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

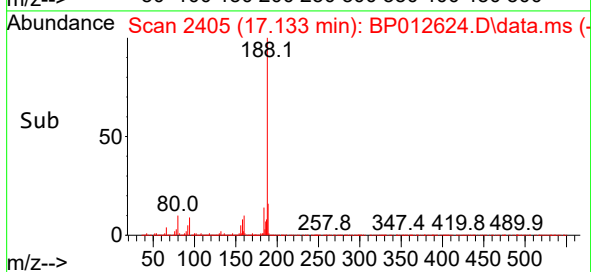
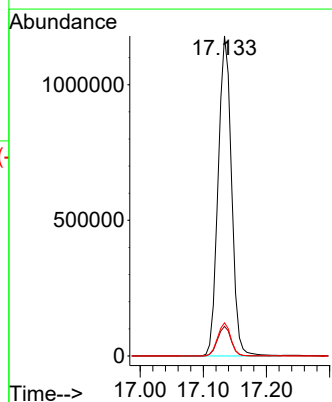
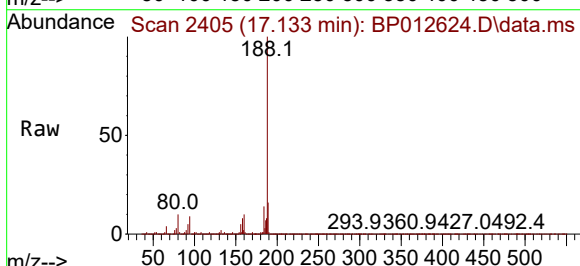
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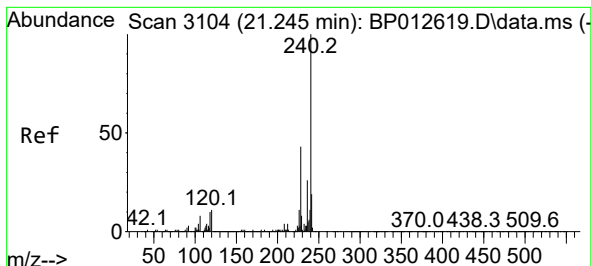
Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 450.0 48.5 72.7#
154 228.6 49.4 74.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BP012624.D
Acq: 12 Nov 2022 16:11

Tgt Ion:188 Resp: 1739253
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.3 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: BP012624.D

Acq: 12 Nov 2022 16:11

Instrument :

BNA_P

ClientSampleId :

PB148287BL

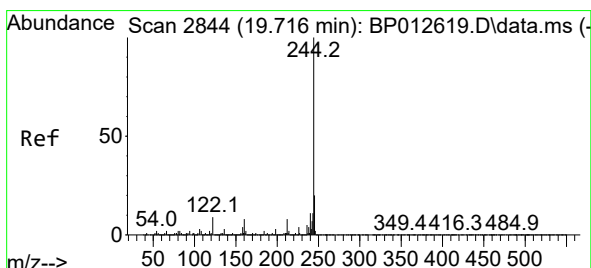
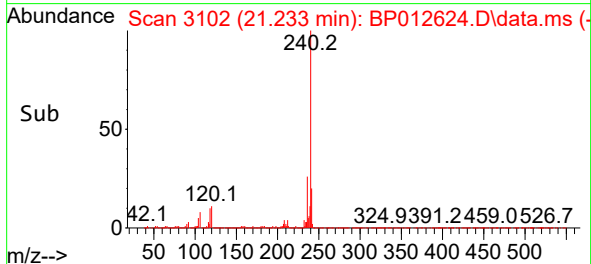
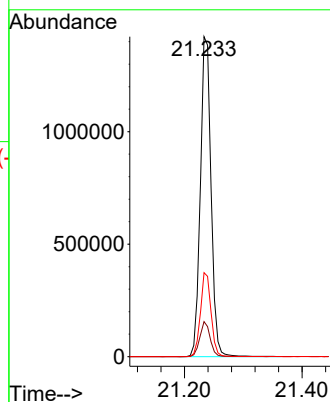
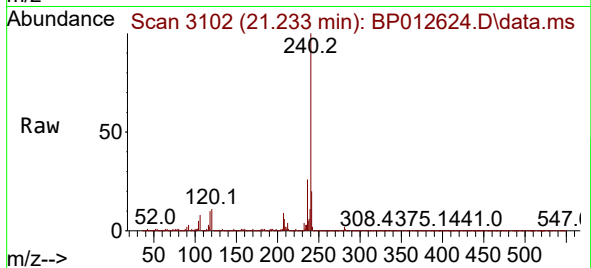
Tgt Ion:240 Resp: 1791909

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 26.3 20.8 31.2



#79

Terphenyl-d14

Concen: 74.345 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP012624.D

Acq: 12 Nov 2022 16:11

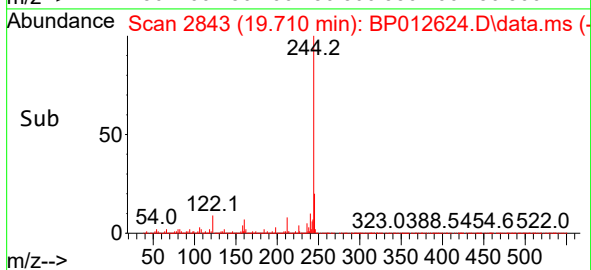
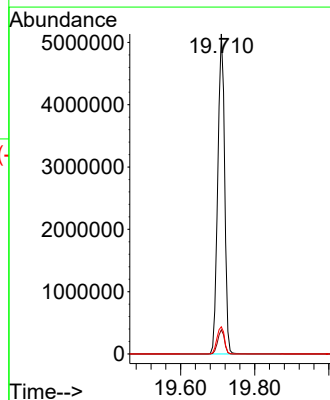
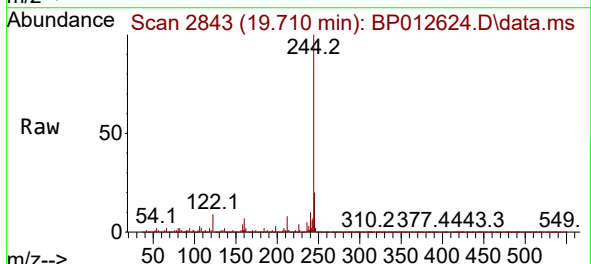
Tgt Ion:244 Resp: 6575796

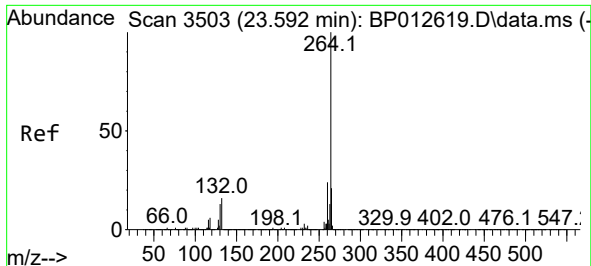
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 8.5 7.0 10.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.580 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BP012624.D
 Acq: 12 Nov 2022 16:11

Instrument :
 BNA_P
 ClientSampleId :
 PB148287BL

Tgt Ion:264 Resp: 1878774
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.2 17.8 26.8

