

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011749.D
 Acq On : 19 Sep 2022 23:18
 Operator : CG/JU
 Sample : N4686-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5486-1

Quant Time: Sep 20 04:52:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	478897	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2107391	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1400939	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2979801	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	2838549	20.000	ng	# 0.00
86) Perylene-d12	23.851	264	2645489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2064320	78.461	ng	0.00
7) Phenol-d6	7.093	99	1674293	47.739	ng	0.00
23) Nitrobenzene-d5	9.104	82	3972690	111.801	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	2417561	220.861	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	9205737	102.144	ng	0.00
79) Terphenyl-d14	19.874	244	13072192	100.145	ng	0.00

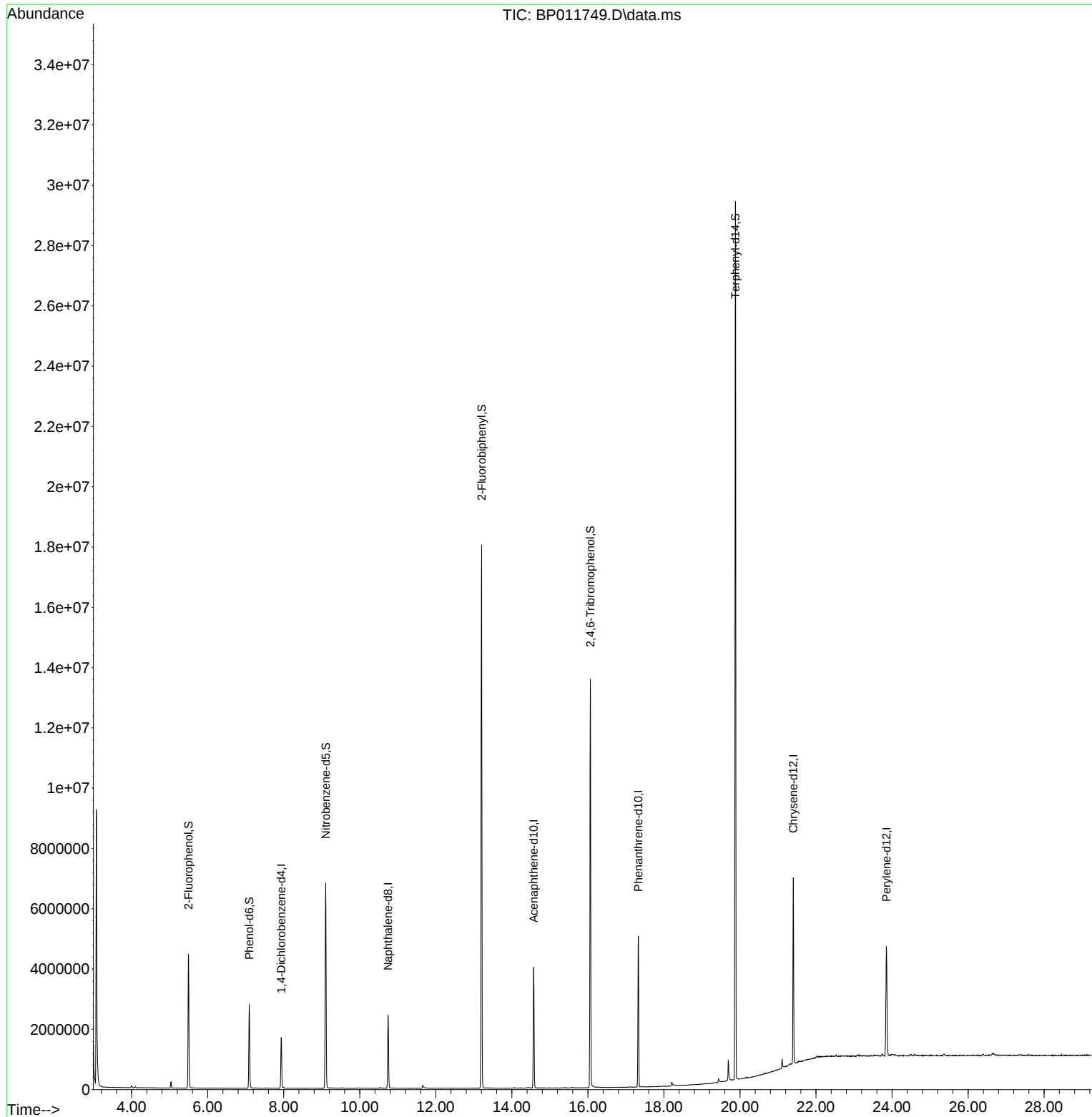
Target Compounds Qvalue

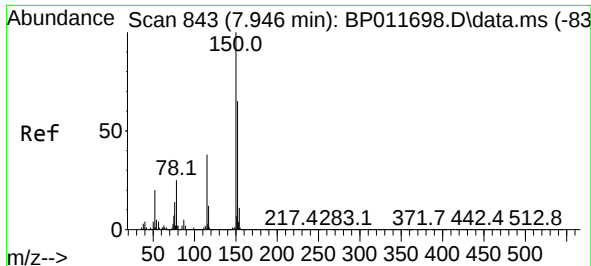
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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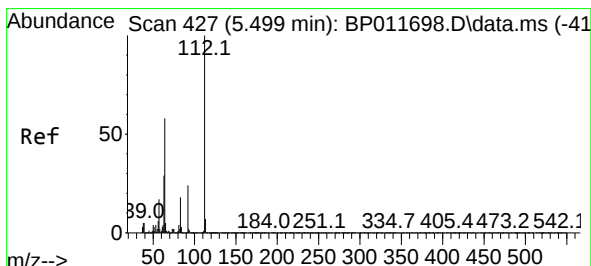
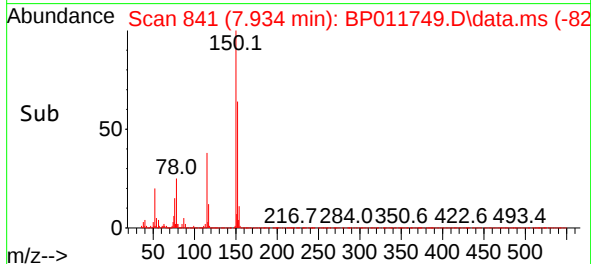
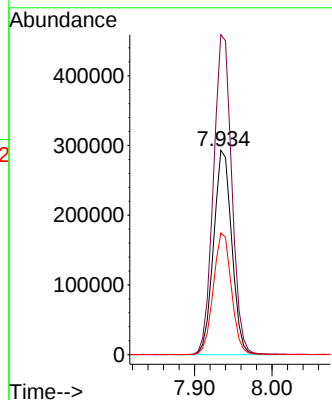
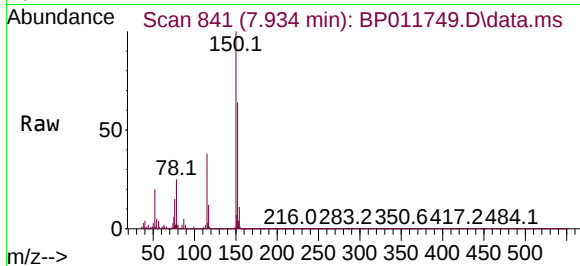




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

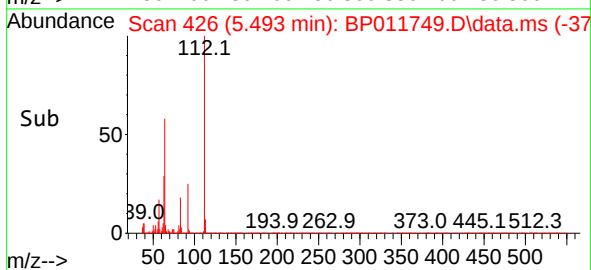
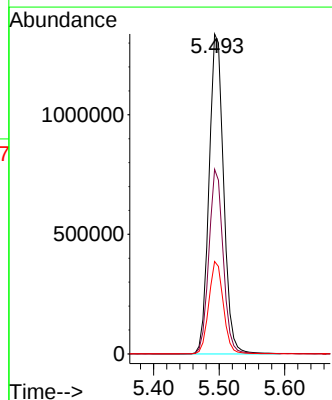
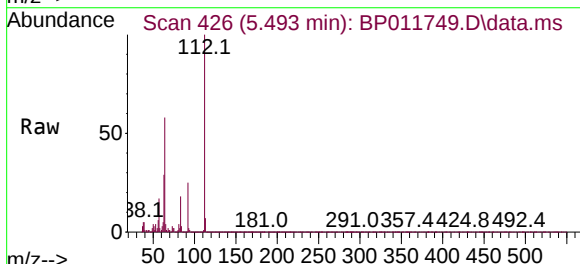
Instrument :
BNA_P
ClientSampleId :
5486-1

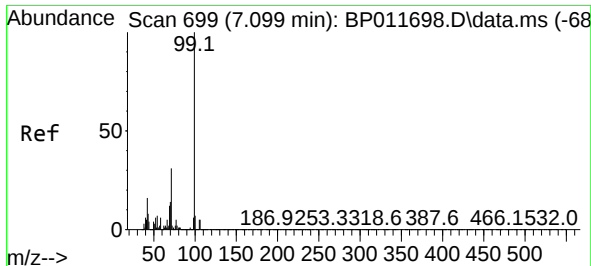
Tgt Ion:152 Resp: 478897
Ion Ratio Lower Upper
152 100
150 156.6 123.4 185.2
115 59.6 51.3 76.9



#5
2-Fluorophenol
Concen: 78.461 ng
RT: 5.493 min Scan# 426
Delta R.T. 0.000 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

Tgt Ion:112 Resp: 2064320
Ion Ratio Lower Upper
112 100
64 57.7 56.9 85.3
63 28.9 31.2 46.8#

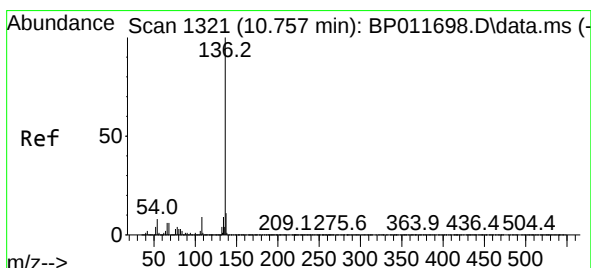
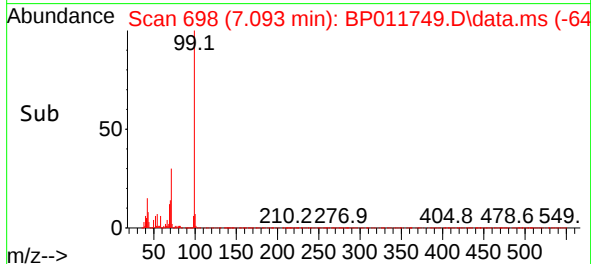
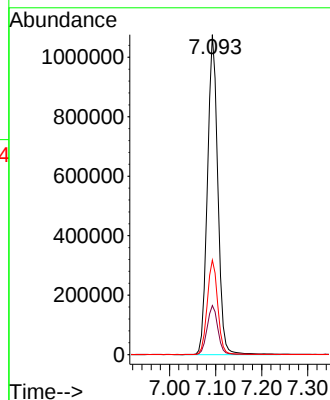
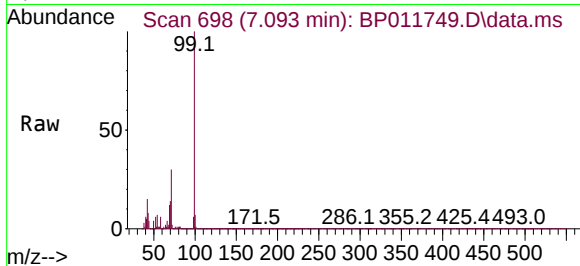




#7
Phenol-d6
Concen: 47.739 ng
RT: 7.093 min Scan# 69
Delta R.T. 0.000 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

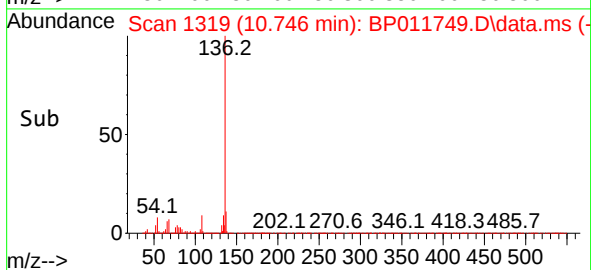
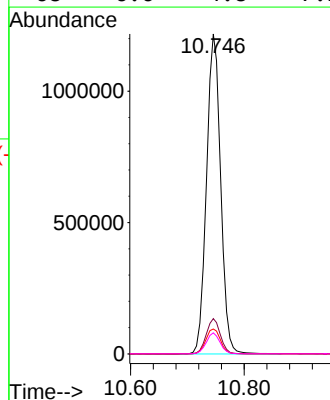
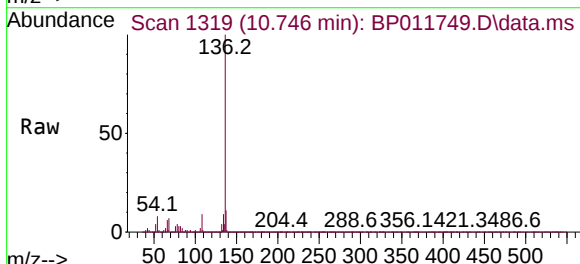
Instrument :
BNA_P
ClientSampleId :
5486-1

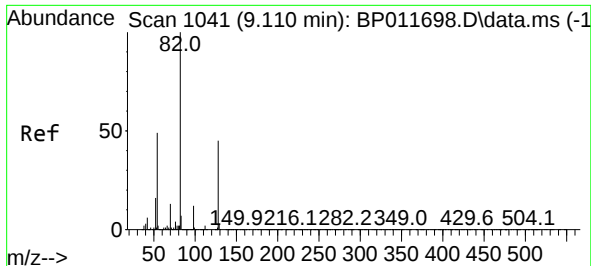
Tgt Ion: 99 Resp: 1674293
Ion Ratio Lower Upper
99 100
42 15.3 20.3 30.5#
71 29.5 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

Tgt Ion: 136 Resp: 2107391
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.8 8.7 13.1#
68 6.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 111.801 ng

RT: 9.104 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

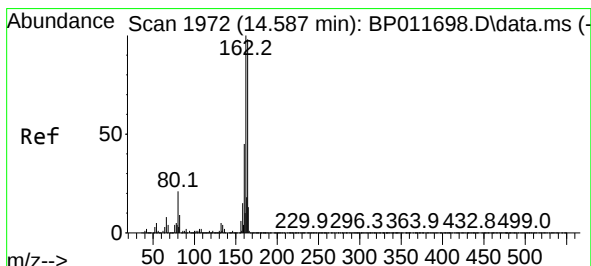
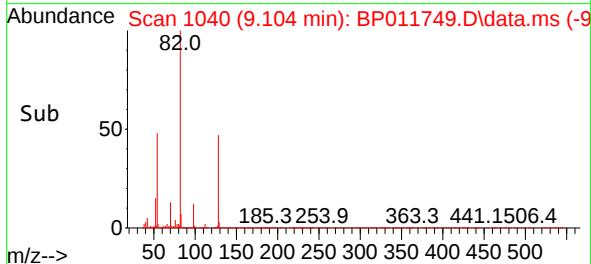
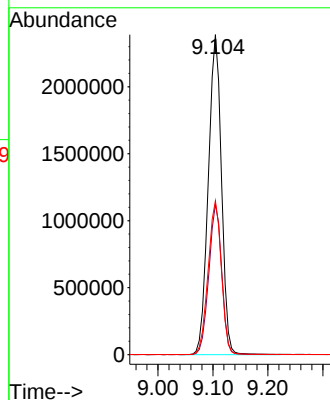
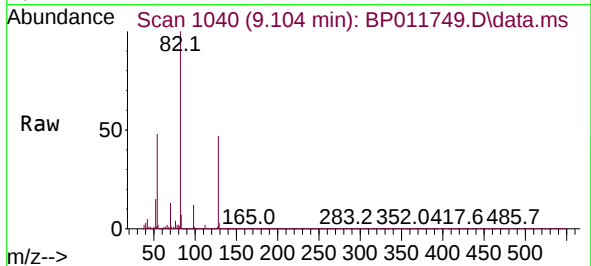
Tgt Ion: 82 Resp: 3972690

Ion Ratio Lower Upper

82 100

128 47.0 31.3 46.9#

54 48.1 49.8 74.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

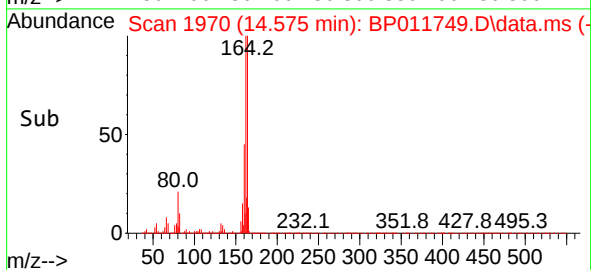
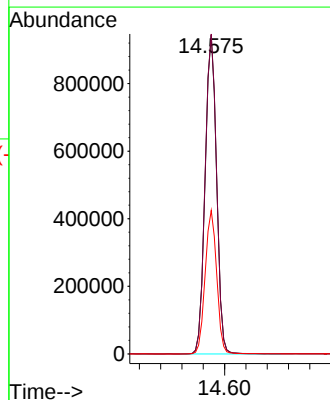
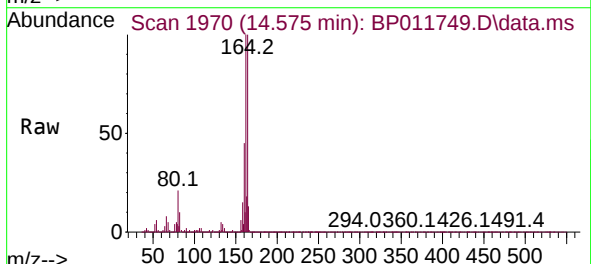
Tgt Ion: 164 Resp: 1400939

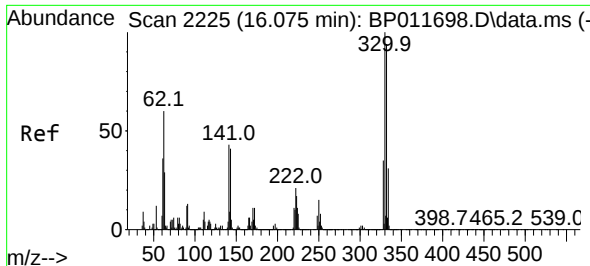
Ion Ratio Lower Upper

164 100

162 100.4 81.9 122.9

160 45.0 34.6 51.8

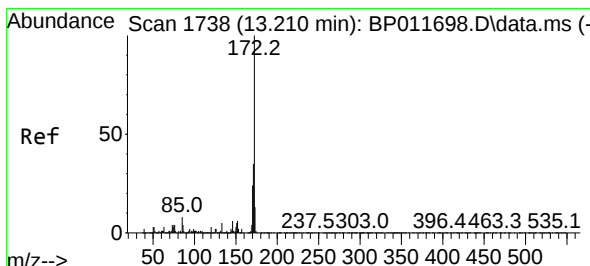
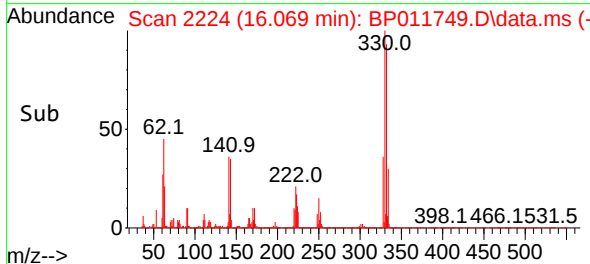
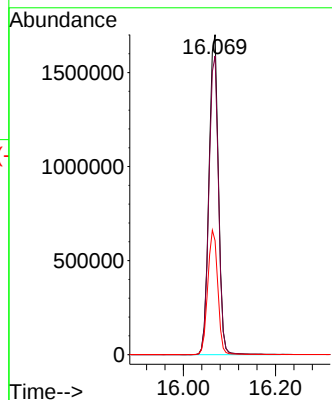
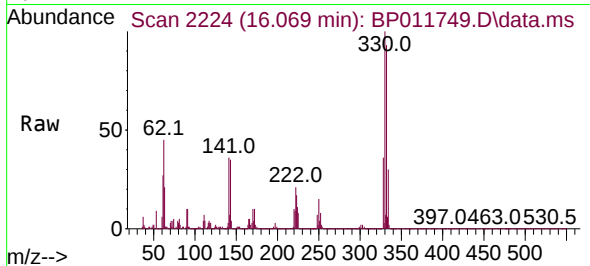




#42
2,4,6-Tribromophenol
Concen: 220.861 ng
RT: 16.069 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

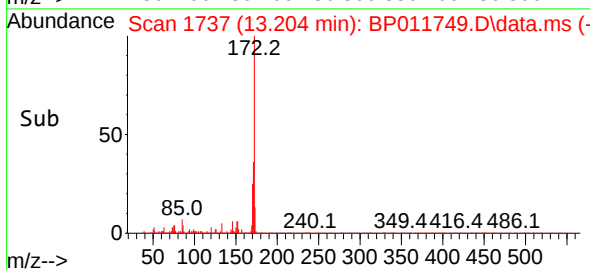
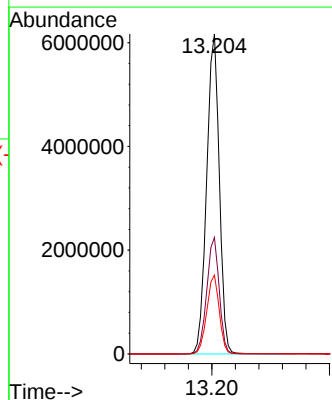
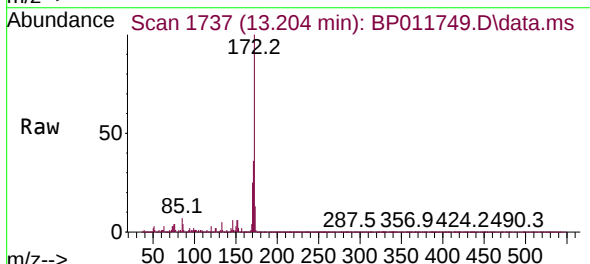
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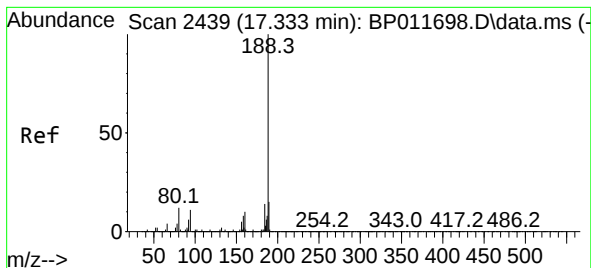
Tgt Ion:330 Resp: 2417561
Ion Ratio Lower Upper
330 100
332 94.8 78.1 117.1
141 40.9 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 102.144 ng
RT: 13.204 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

Tgt Ion:172 Resp: 9205737
Ion Ratio Lower Upper
172 100
171 36.4 27.9 41.9
170 24.6 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

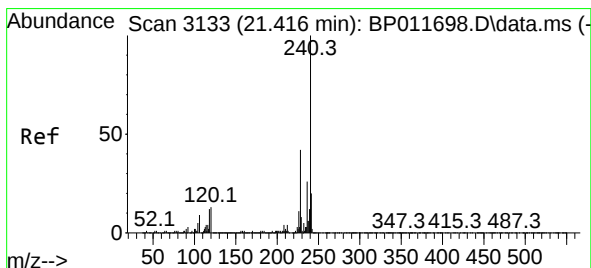
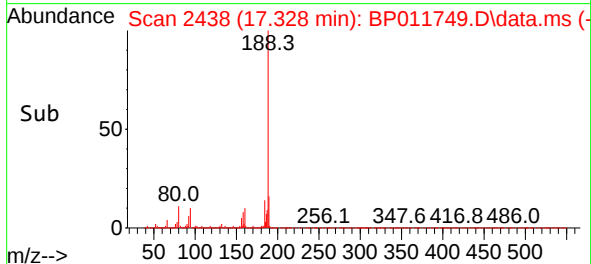
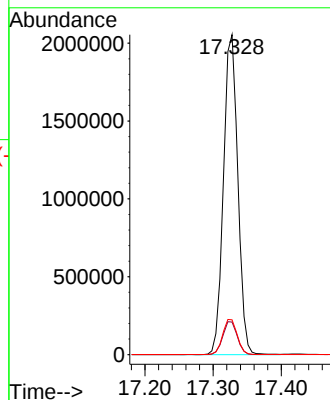
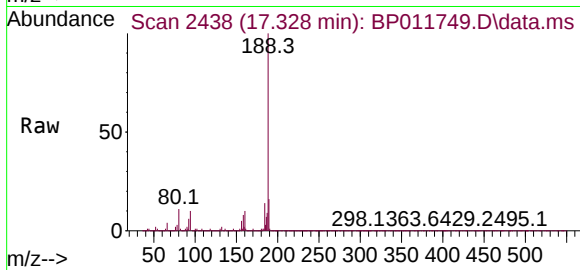
Tgt Ion:188 Resp: 2979801

Ion Ratio Lower Upper

188 100

94 10.2 6.6 10.0#

80 10.9 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

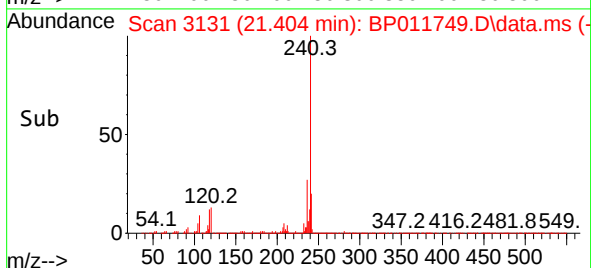
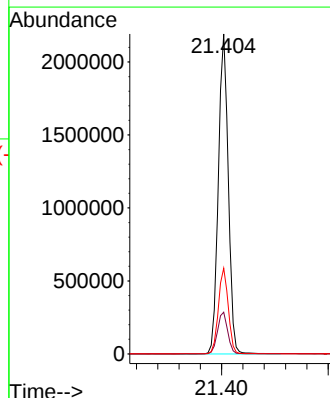
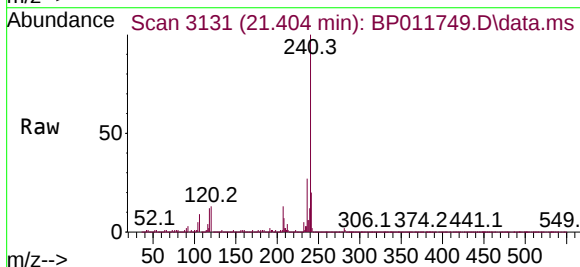
Tgt Ion:240 Resp: 2838549

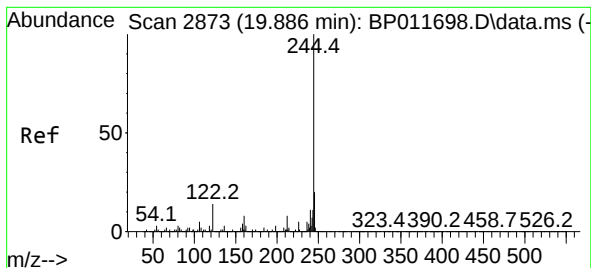
Ion Ratio Lower Upper

240 100

120 13.0 8.6 12.8#

236 26.8 19.8 29.6





#79

Terphenyl-d14

Concen: 100.145 ng

RT: 19.874 min Scan# 2873

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

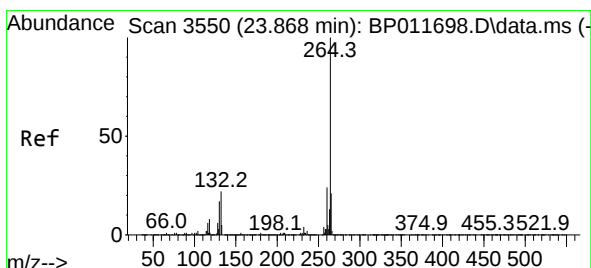
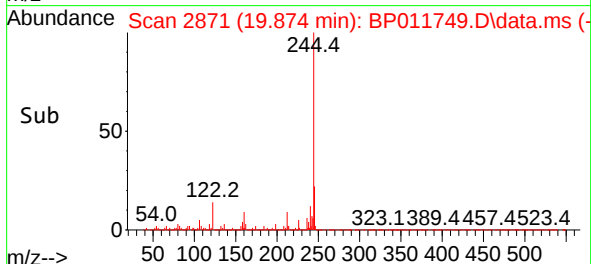
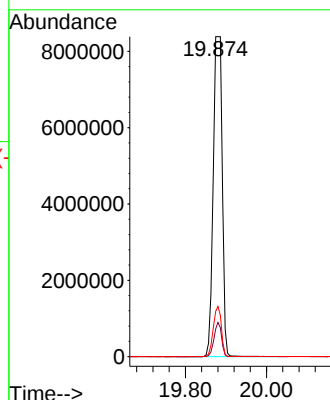
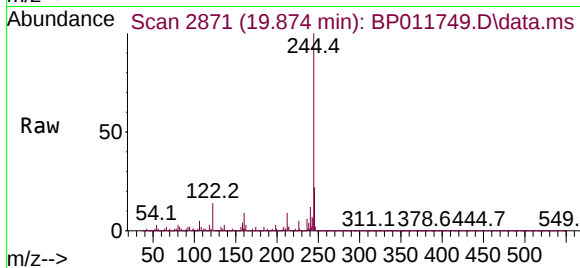
Tgt Ion:244 Resp:13072192

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

122 14.2 7.6 11.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3547

Delta R.T. -0.006 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Tgt Ion:264 Resp: 2645489

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 22.6 18.0 27.0

