

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131407.D
 Acq On : 25 Nov 2022 21:22
 Operator : CG\JU
 Sample : N5747-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Quant Time: Nov 26 00:12:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

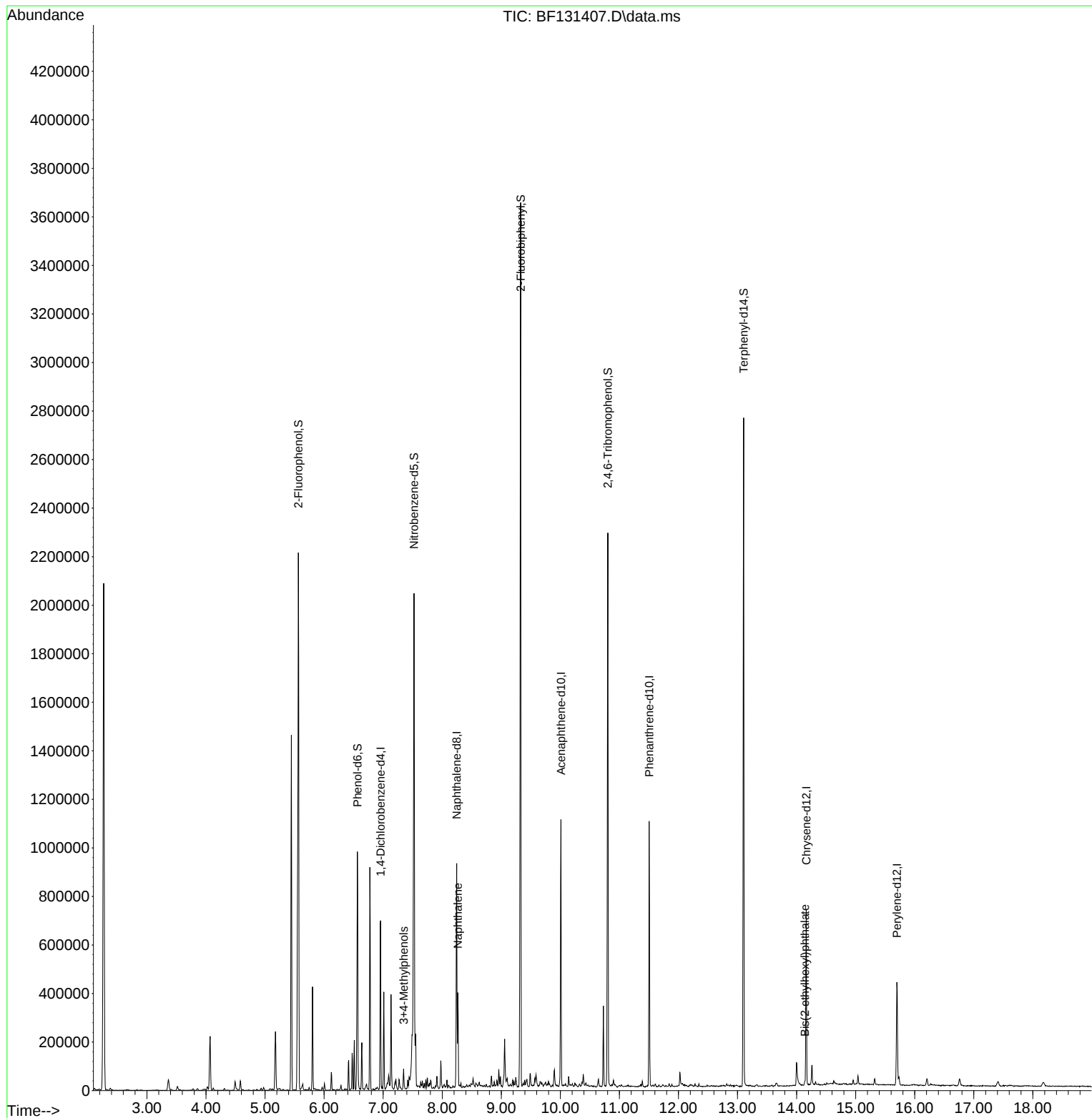
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	103083	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	379971	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	212433	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	372318	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	237151	20.000	ng	-0.01
86) Perylene-d12	15.698	264	206316	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	346503	63.975	ng	0.00
7) Phenol-d6	6.563	99	291272	42.149	ng	-0.02
23) Nitrobenzene-d5	7.522	82	625126	82.932	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	262276	146.751	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1128330	77.272	ng	0.00
79) Terphenyl-d14	13.104	244	948228	65.385	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	7.345	107	14575	2.183	ng	# 78
31) Naphthalene	8.263	128	147502	7.285	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	4162	4.160	ng	# 91

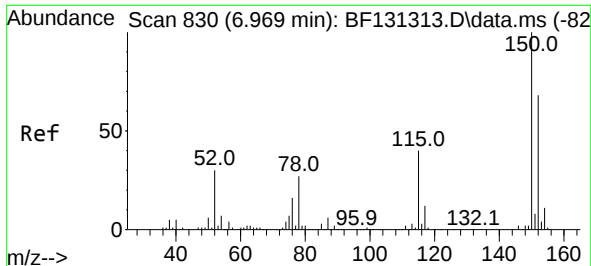
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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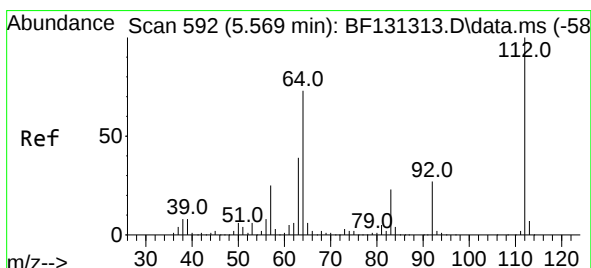
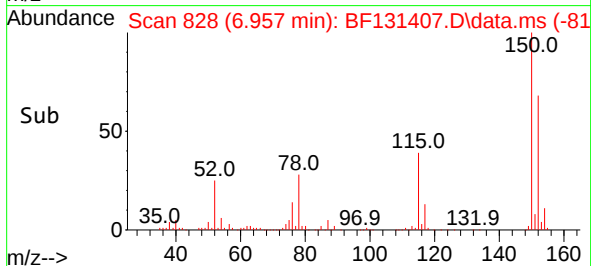
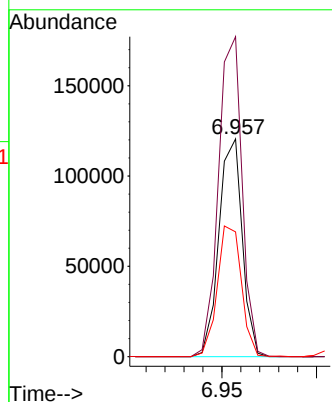
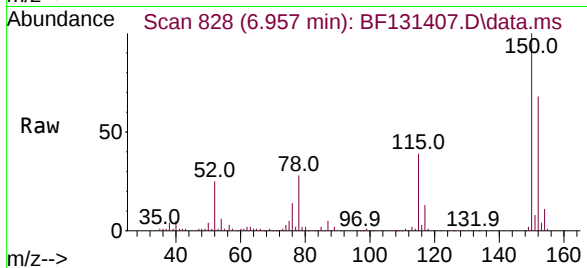




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

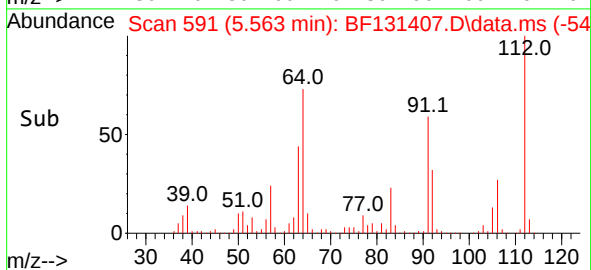
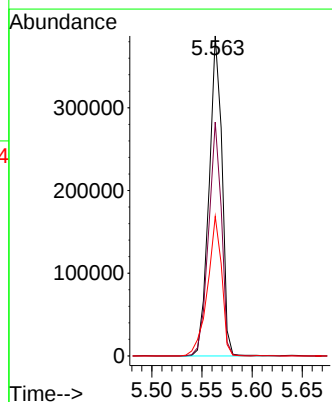
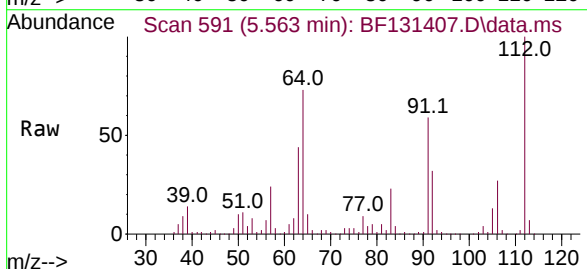
Instrument :
BNA_F
ClientSampleId :
MW-29

Tgt Ion:152 Resp: 103083
Ion Ratio Lower Upper
152 100
150 147.0 117.8 176.8
115 57.3 47.1 70.7



#5
2-Fluorophenol
Concen: 63.975 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Tgt Ion:112 Resp: 346503
Ion Ratio Lower Upper
112 100
64 73.1 58.6 88.0
63 43.6 31.4 47.0

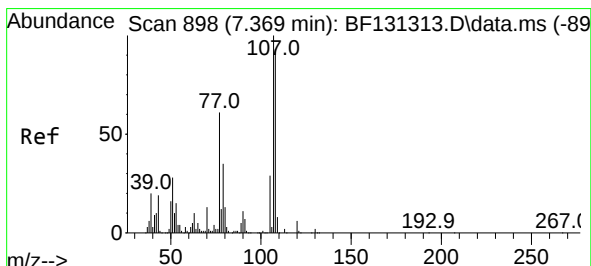
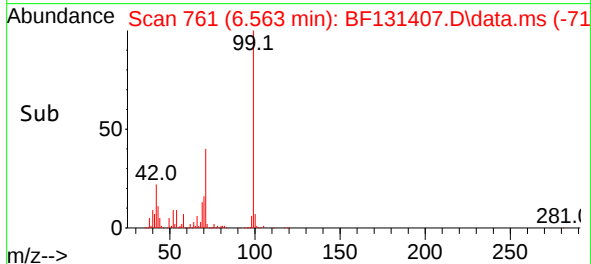
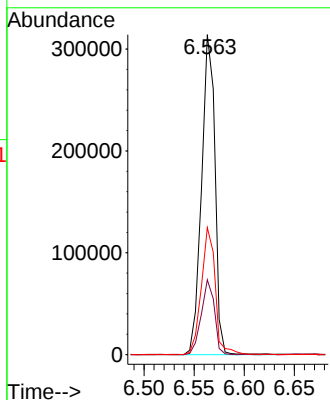
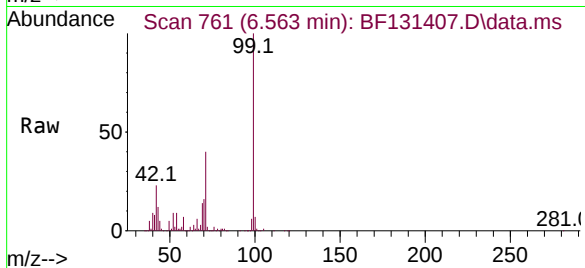




#7
Phenol-d6
Concen: 42.149 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.017 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

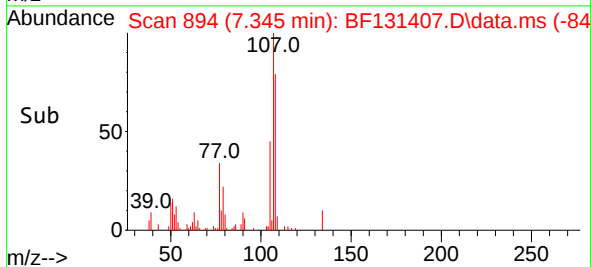
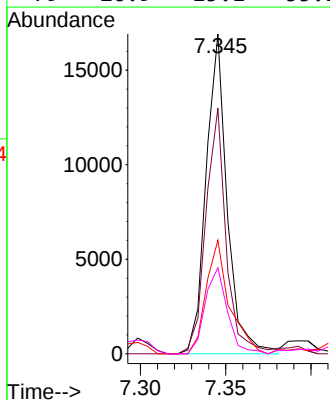
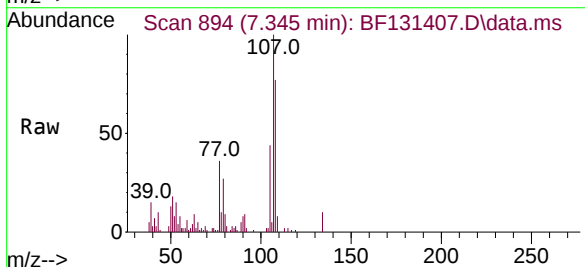
Instrument :
BNA_F
ClientSampleId :
MW-29

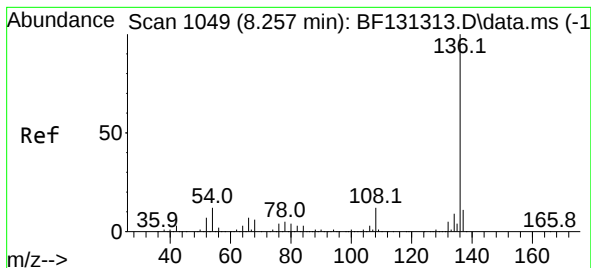
Tgt Ion: 99 Resp: 291272
Ion Ratio Lower Upper
99 100
42 23.4 19.4 29.2
71 39.7 32.3 48.5



#20
3+4-Methylphenols
Concen: 2.183 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.017 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Tgt Ion: 107 Resp: 14575
Ion Ratio Lower Upper
107 100
108 76.8 72.6 112.6
77 35.5 41.4 81.4#
79 26.9 15.1 55.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :

MW-29

Tgt Ion:136 Resp: 379971

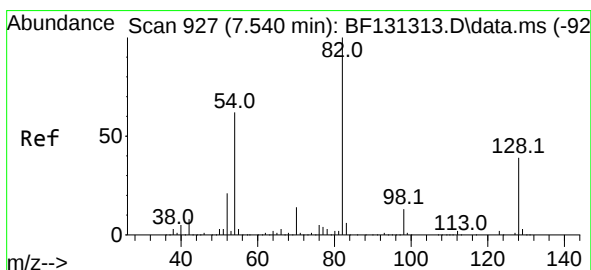
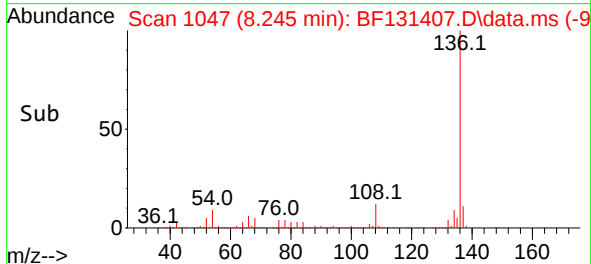
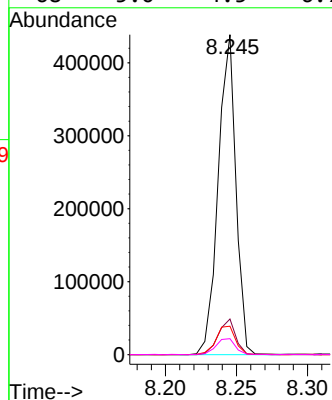
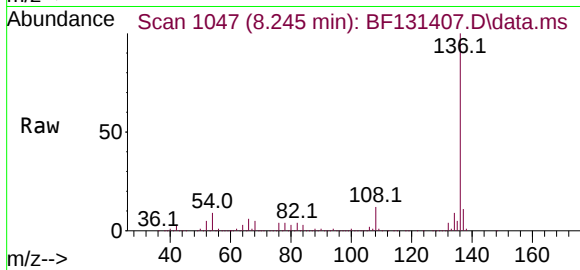
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.9 9.4 14.0

68 5.0 4.5 6.7



#23

Nitrobenzene-d5

Concen: 82.932 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.012 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

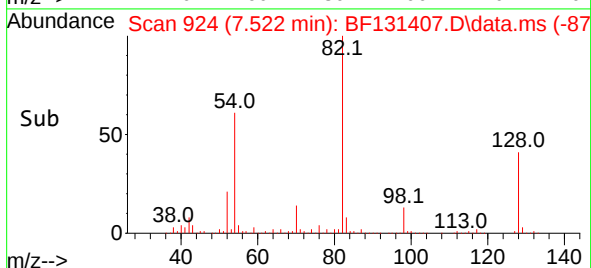
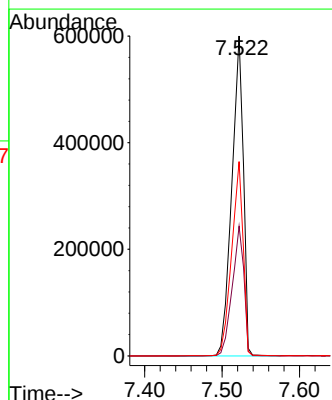
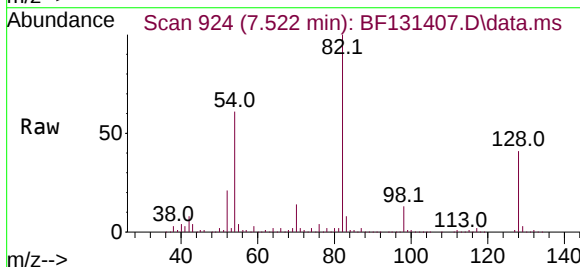
Tgt Ion: 82 Resp: 625126

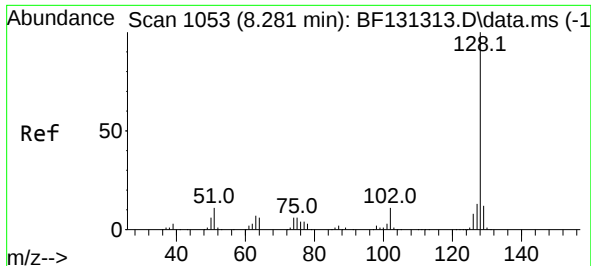
Ion Ratio Lower Upper

82 100

128 40.5 31.4 47.0

54 60.7 49.8 74.6

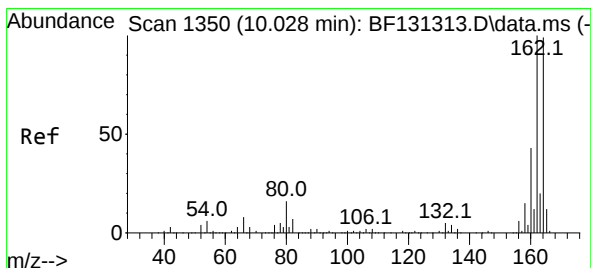
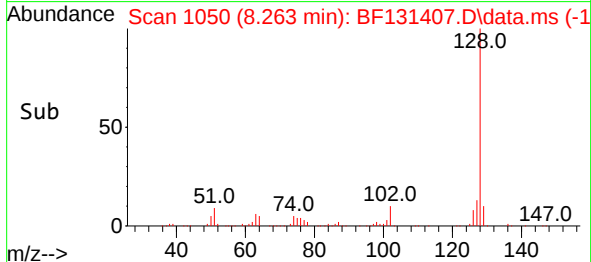
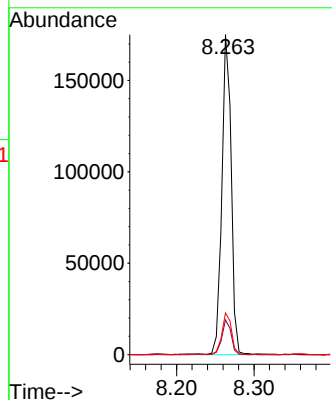
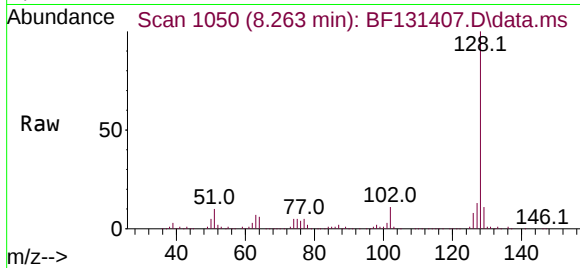




#31
Naphthalene
Concen: 7.285 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.012 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

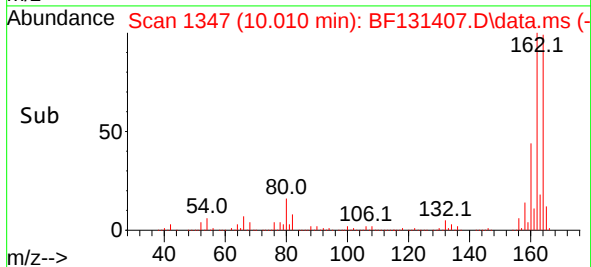
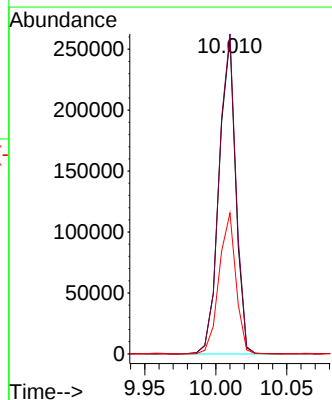
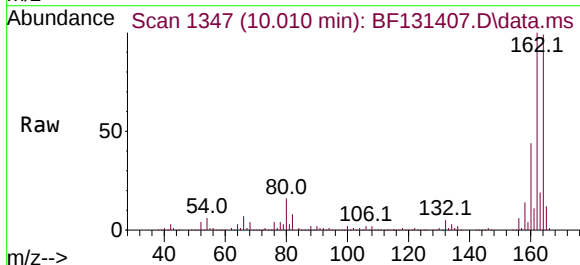
Instrument :
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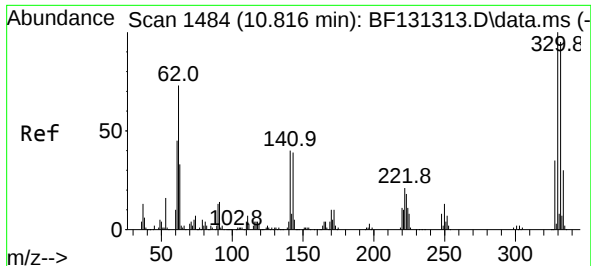
Tgt Ion:128 Resp: 147502
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.0 10.6 16.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Tgt Ion:164 Resp: 212433
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 146.751 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :

MW-29

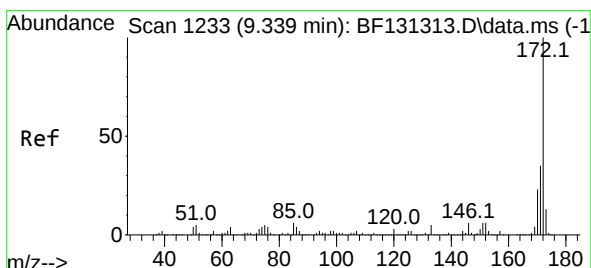
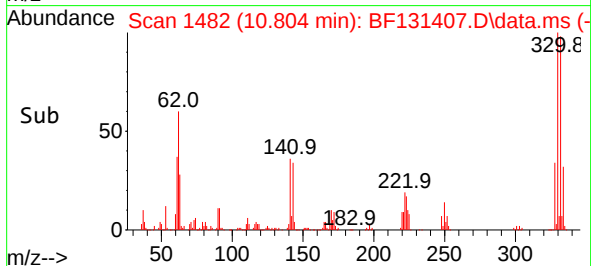
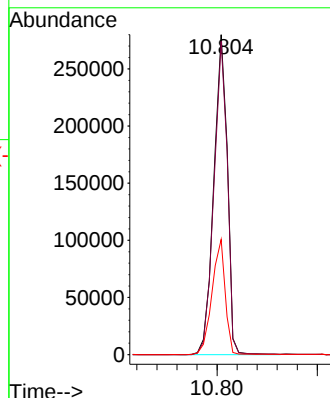
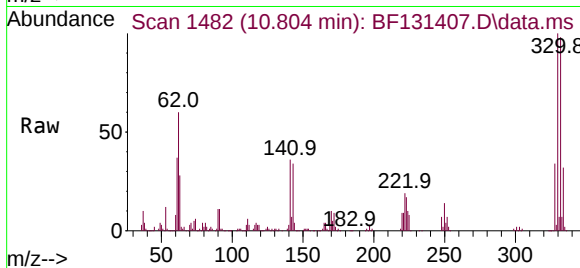
Tgt Ion:330 Resp: 262276

Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 35.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 77.272 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

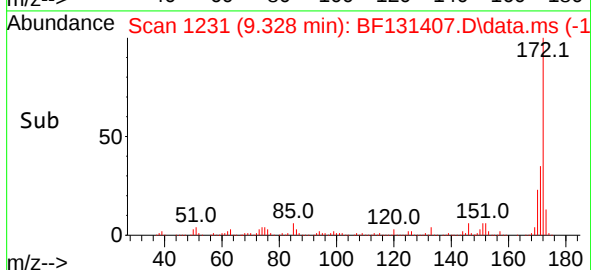
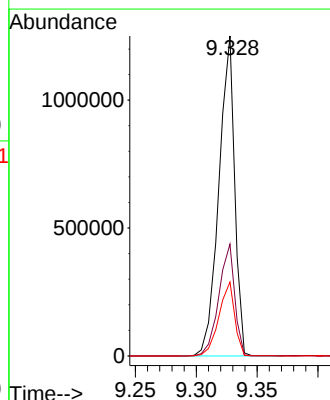
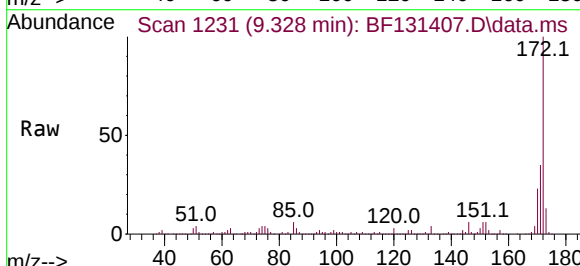
Tgt Ion:172 Resp: 1128330

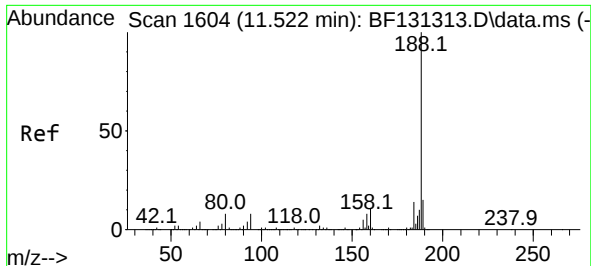
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.1 18.7 28.1

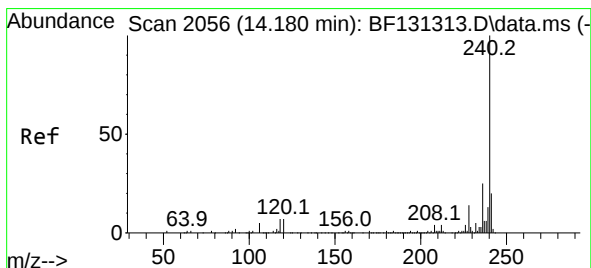
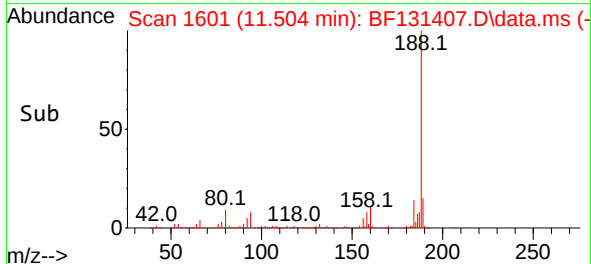
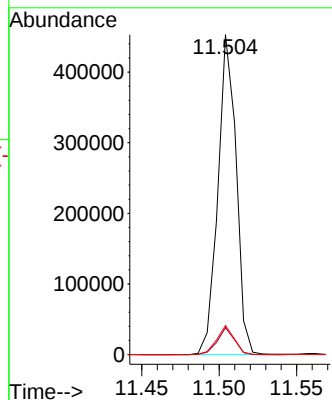
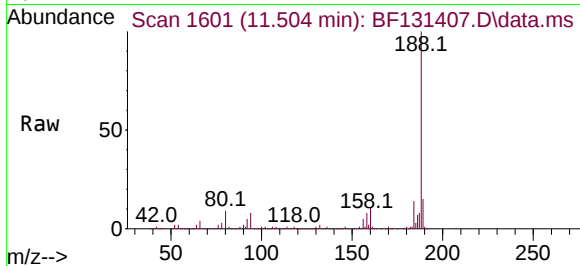




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

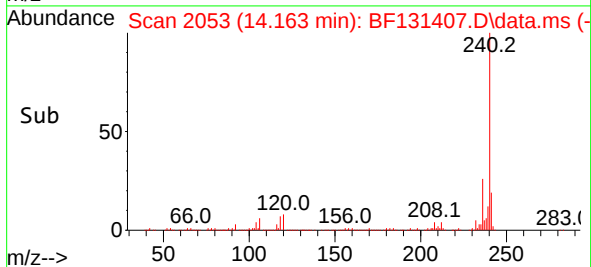
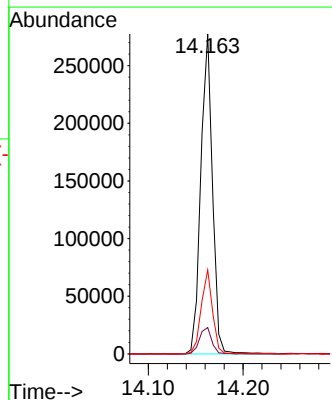
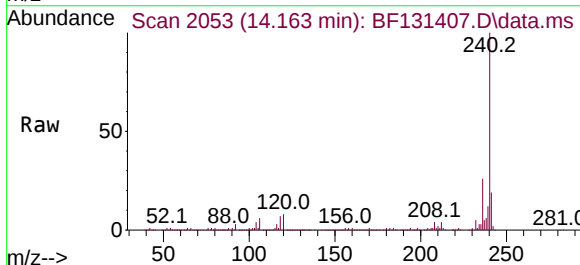
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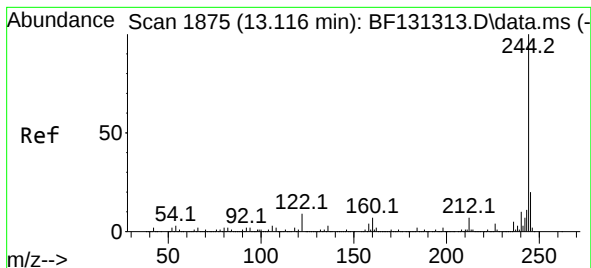
Tgt Ion:188 Resp: 372318
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Tgt Ion:240 Resp: 237151
Ion Ratio Lower Upper
240 100
120 8.2 5.8 8.8
236 26.2 20.3 30.5





#79

Terphenyl-d14

Concen: 65.385 ng

RT: 13.104 min Scan# 1875

Delta R.T. -0.006 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :

MW-29

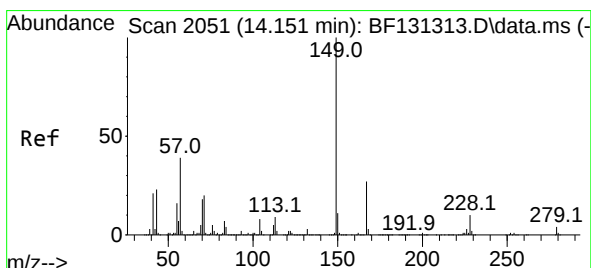
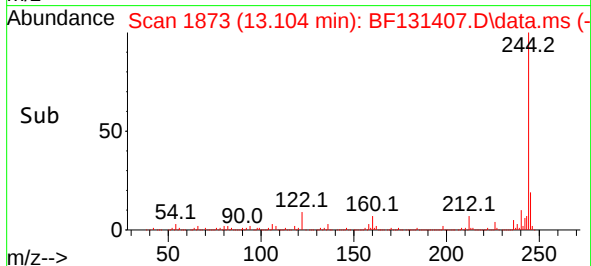
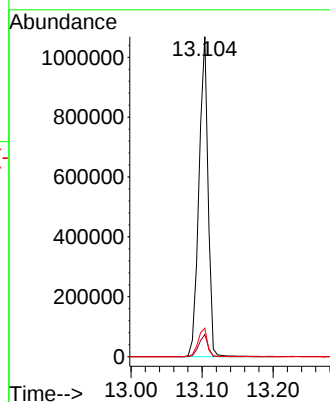
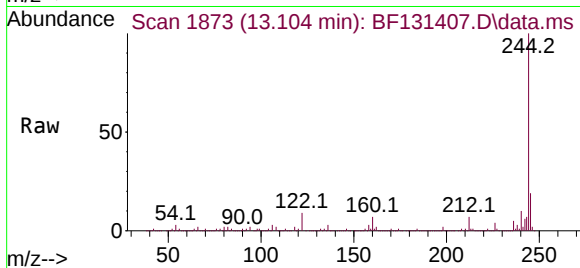
Tgt Ion:244 Resp: 948228

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.9 7.5 11.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.160 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

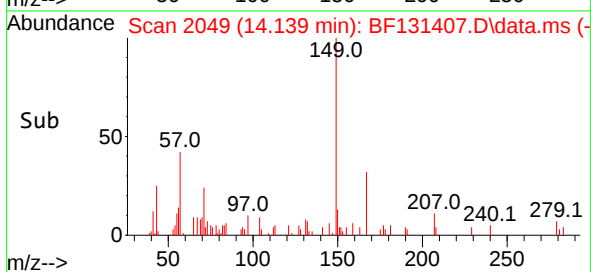
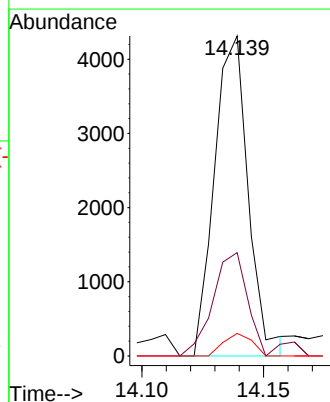
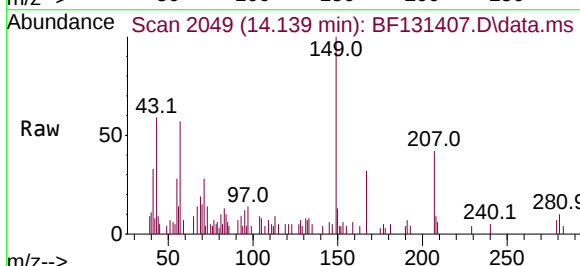
Tgt Ion:149 Resp: 4162

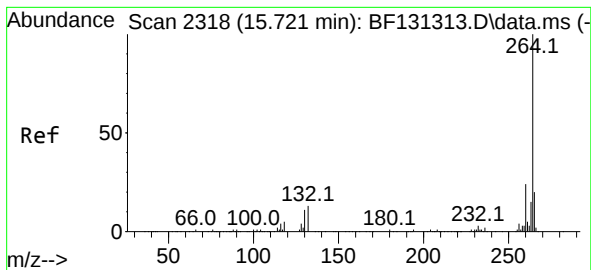
Ion Ratio Lower Upper

149 100

167 32.3 21.9 32.9

279 7.0 3.0 4.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. -0.012 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :

MW-29

Tgt Ion:264 Resp: 206316

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.0 16.4 24.6

