

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131814.D
 Acq On : 23 Dec 2022 19:24
 Operator : CG\JU
 Sample : N6157-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221420-COMPOSITE-C

Quant Time: Dec 24 03:09:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68494	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	255246	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	153601	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	299938	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	183855	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	153610	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	465737	114.499	ng	0.00
7) Phenol-d6	6.481	99	615297	112.385	ng	0.00
23) Nitrobenzene-d5	7.416	82	428049	68.080	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	186641	111.015	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	702945	64.108	ng	0.00
79) Terphenyl-d14	12.998	244	764273	64.787	ng	0.00

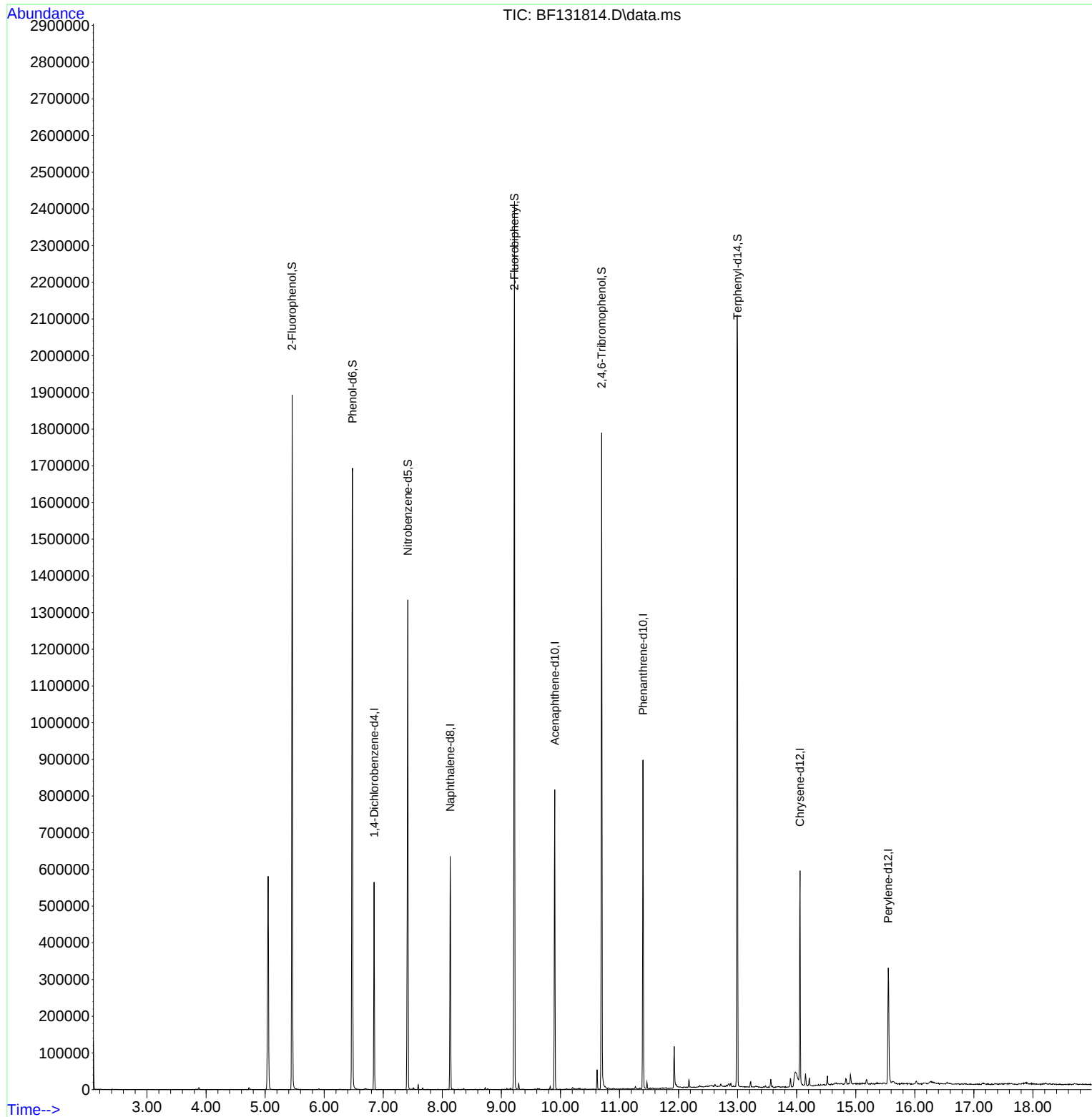
Target Compounds	Qvalue

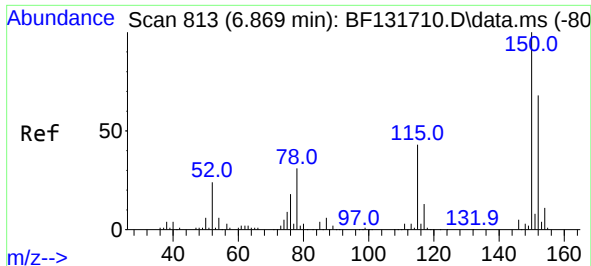
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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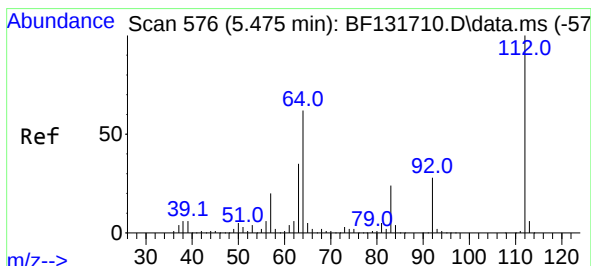
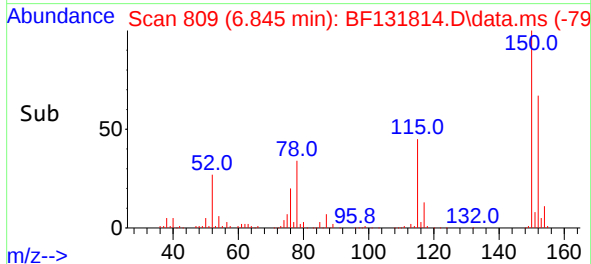
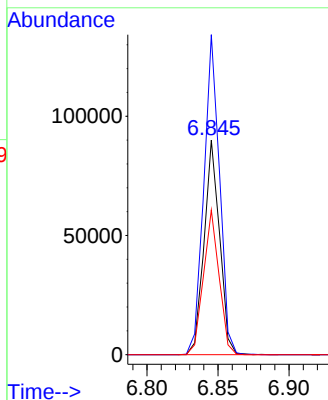
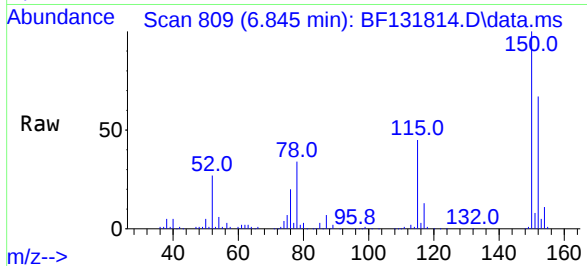




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

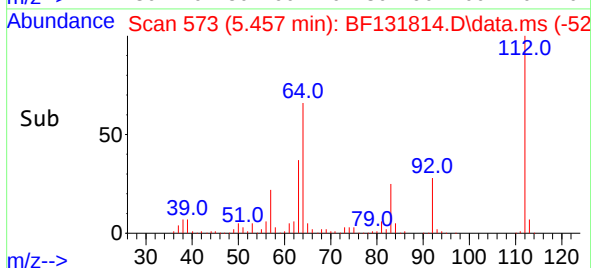
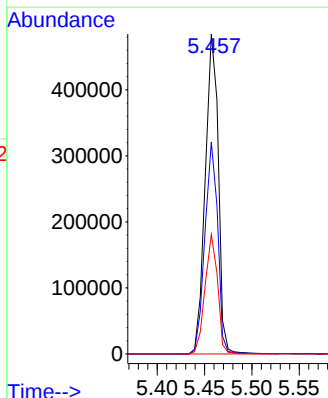
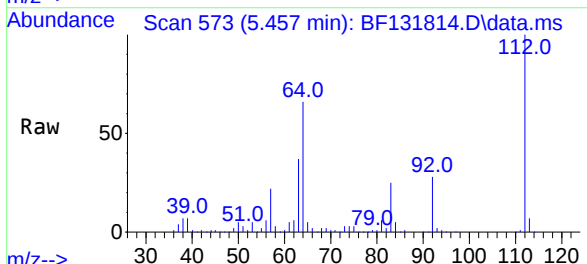
Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

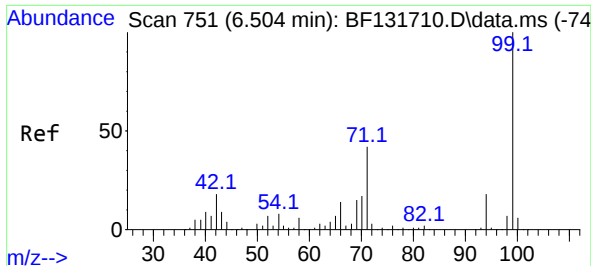
Tgt Ion:152 Resp: 68494
Ion Ratio Lower Upper
152 100
150 149.2 117.4 176.0
115 67.5 50.2 75.4



#5
2-Fluorophenol
Concen: 114.499 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:112 Resp: 465737
Ion Ratio Lower Upper
112 100
64 66.2 49.5 74.3
63 37.3 28.2 42.2

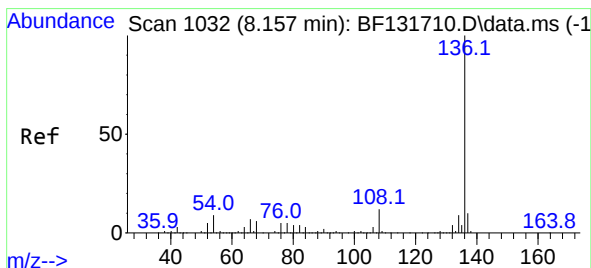
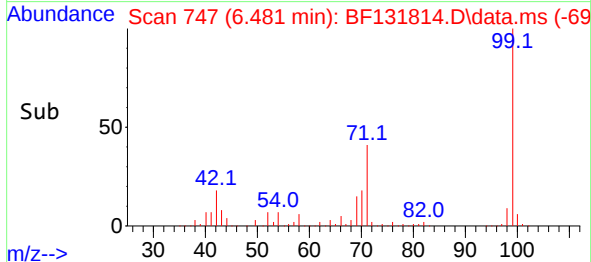
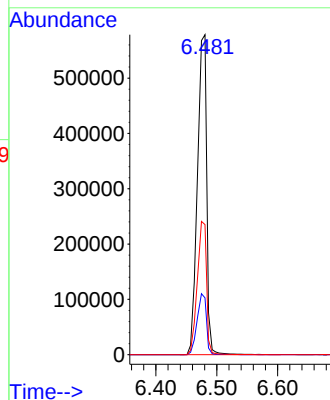
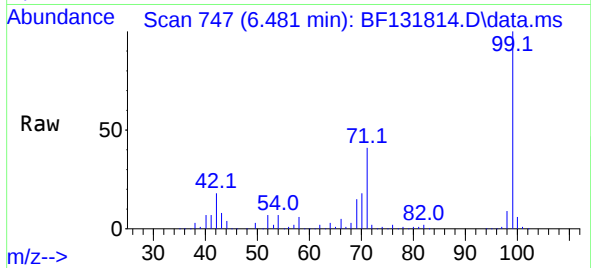




#7
Phenol-d6
Concen: 112.385 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

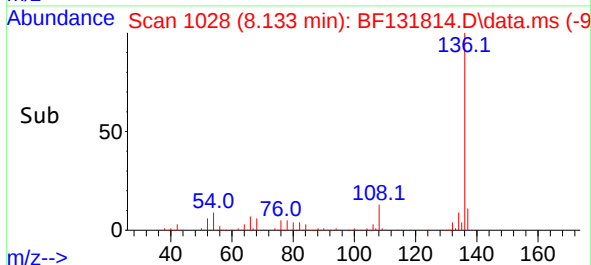
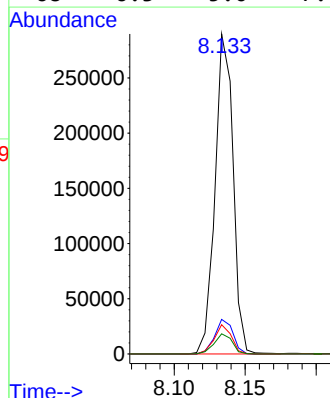
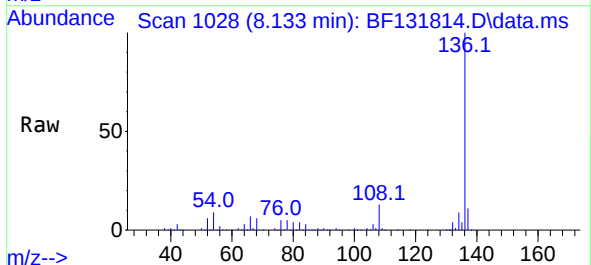
Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

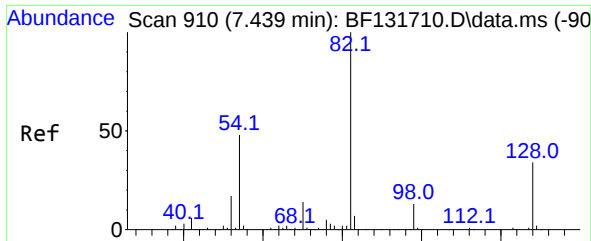
Tgt Ion: 99 Resp: 615297
Ion Ratio Lower Upper
99 100
42 17.8 14.8 22.2
71 40.7 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion: 136 Resp: 255246
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.1 7.2 10.8
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 68.080 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF131814.D

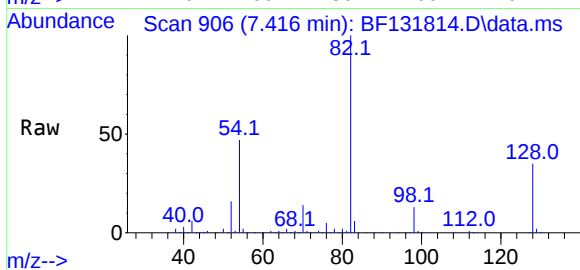
Acq: 23 Dec 2022 19:24

Instrument :

BNA_F

ClientSampleId :

20221420-COMPOSITE-C



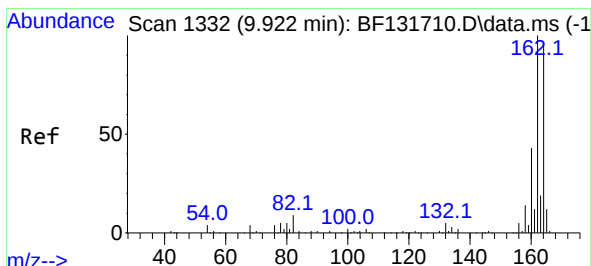
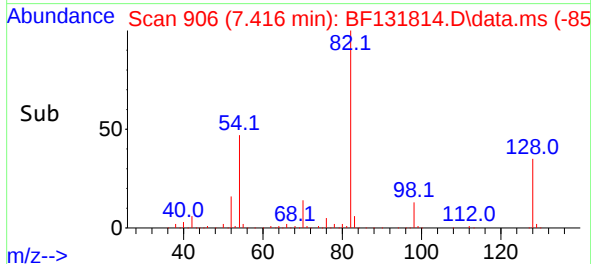
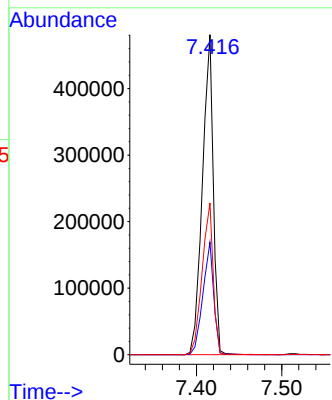
Tgt Ion: 82 Resp: 428049

Ion Ratio Lower Upper

82 100

128 35.2 27.3 40.9

54 47.4 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF131814.D

Acq: 23 Dec 2022 19:24

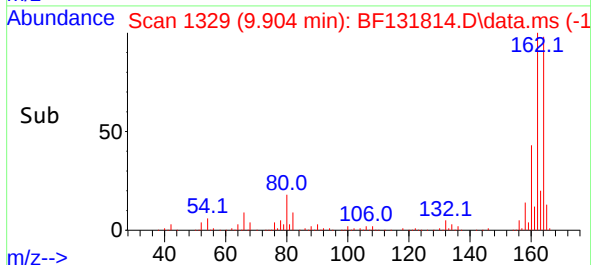
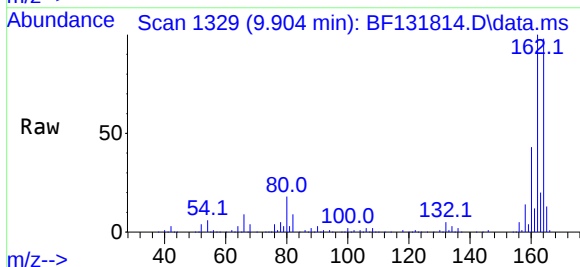
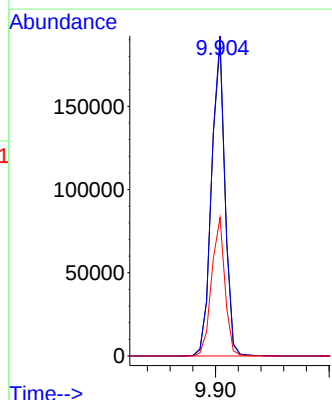
Tgt Ion:164 Resp: 153601

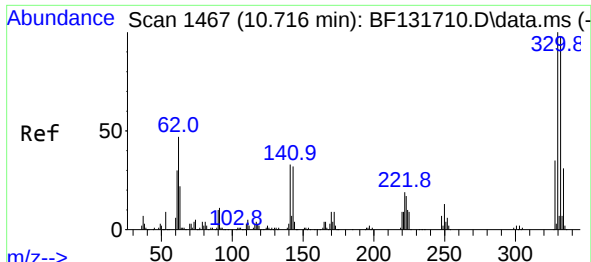
Ion Ratio Lower Upper

164 100

162 102.5 83.7 125.5

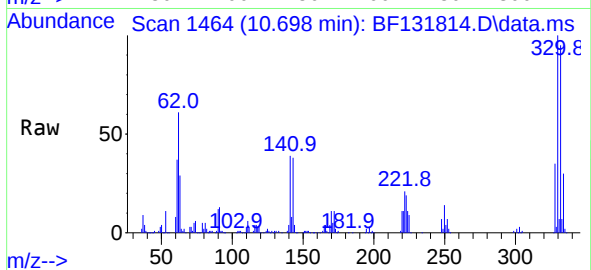
160 44.3 36.2 54.4



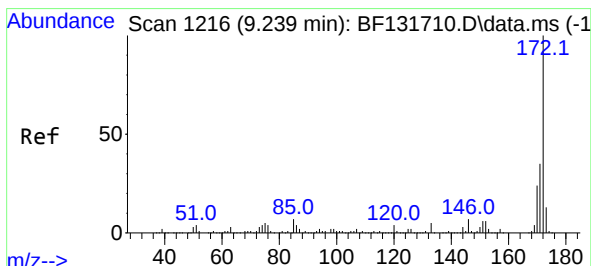
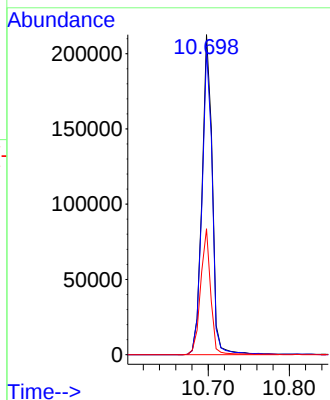
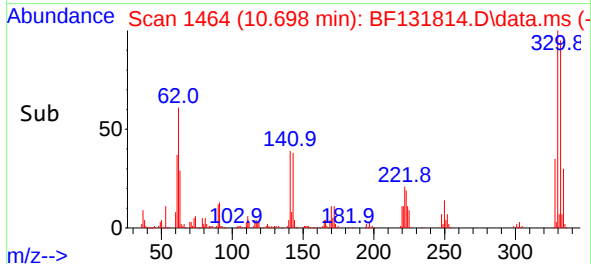


#42
2,4,6-Tribromophenol
Concen: 111.015 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

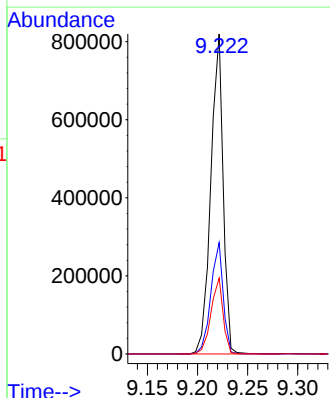
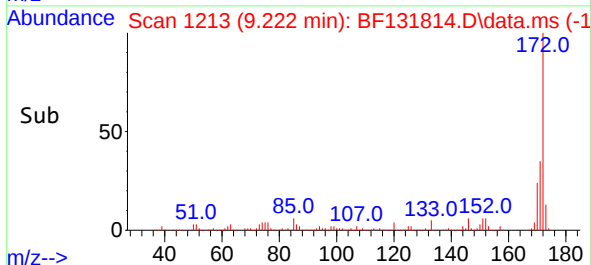
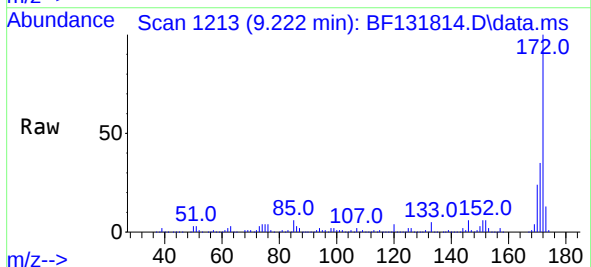


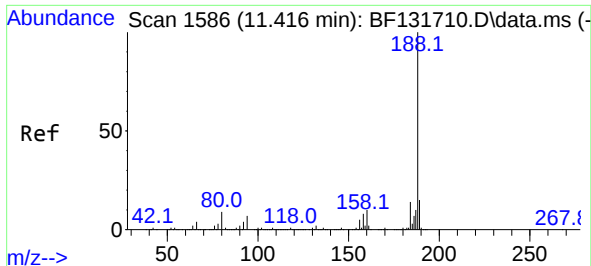
Tgt Ion:330 Resp: 186641
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 38.5 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 64.108 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:172 Resp: 702945
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 19.0 28.4

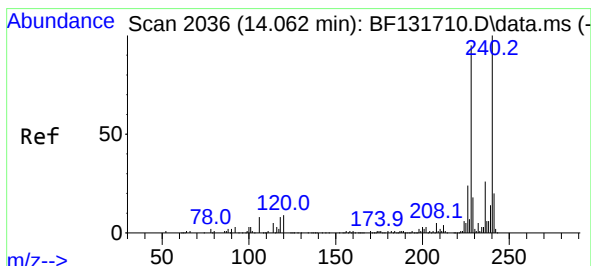
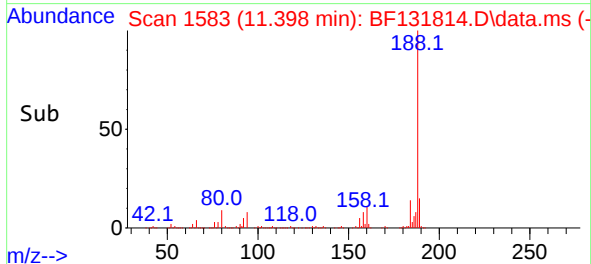
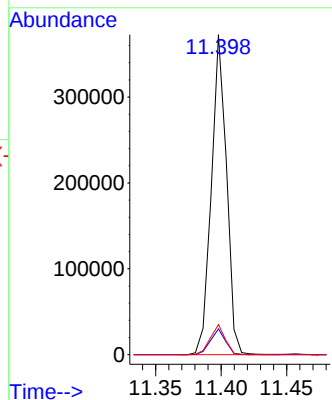
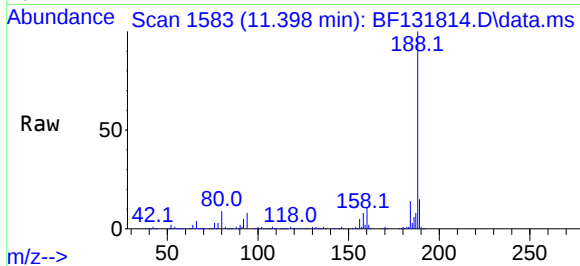




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

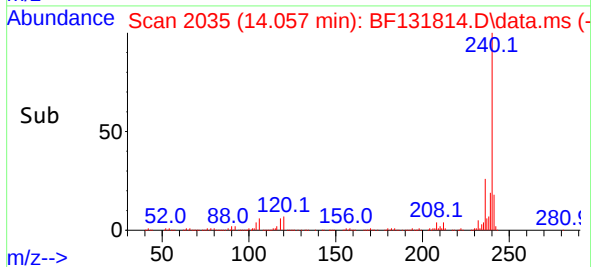
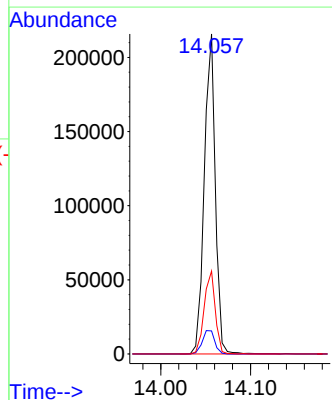
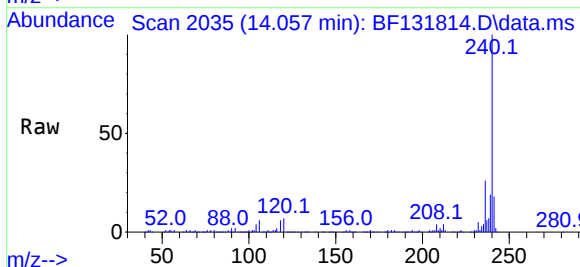
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ClientSampleId :
20221420-COMPOSITE-C

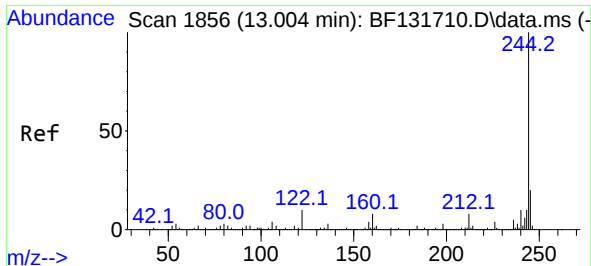
Tgt Ion:188 Resp: 299938
Ion Ratio Lower Upper
188 100
94 8.1 5.9 8.9
80 9.4 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

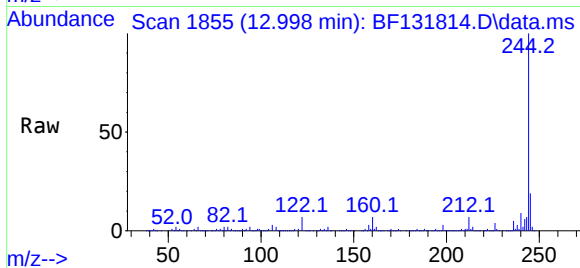
Tgt Ion:240 Resp: 183855
Ion Ratio Lower Upper
240 100
120 7.2 7.6 11.4#
236 25.9 21.2 31.8



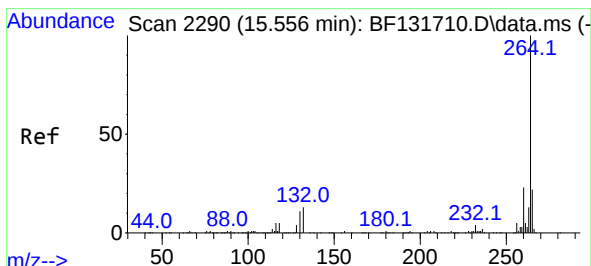
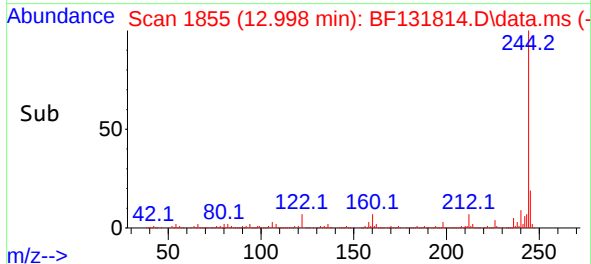
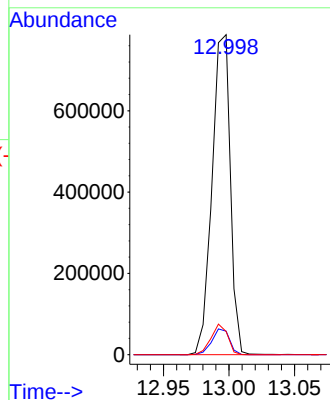


#79
Terphenyl-d14
Concen: 64.787 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C



Tgt Ion:244 Resp: 764273
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.3 7.7 11.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:264 Resp: 153610
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.6 17.4 26.2

