

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131806.D
 Acq On : 23 Dec 2022 14:58
 Operator : CG\JU
 Sample : PB149846BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149846BL

Quant Time: Dec 24 03:05:25 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	94218	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	364641	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	233955	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	490872	20.000	ng	0.00
76) Chrysene-d12	14.062	240	383643	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	265884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	709898	126.875	ng	0.01
7) Phenol-d6	6.481	99	929463	123.417	ng	0.00
23) Nitrobenzene-d5	7.416	82	658678	73.332	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	335771	131.123	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1228003	73.528	ng	0.00
79) Terphenyl-d14	13.004	244	1851025	75.197	ng	0.00

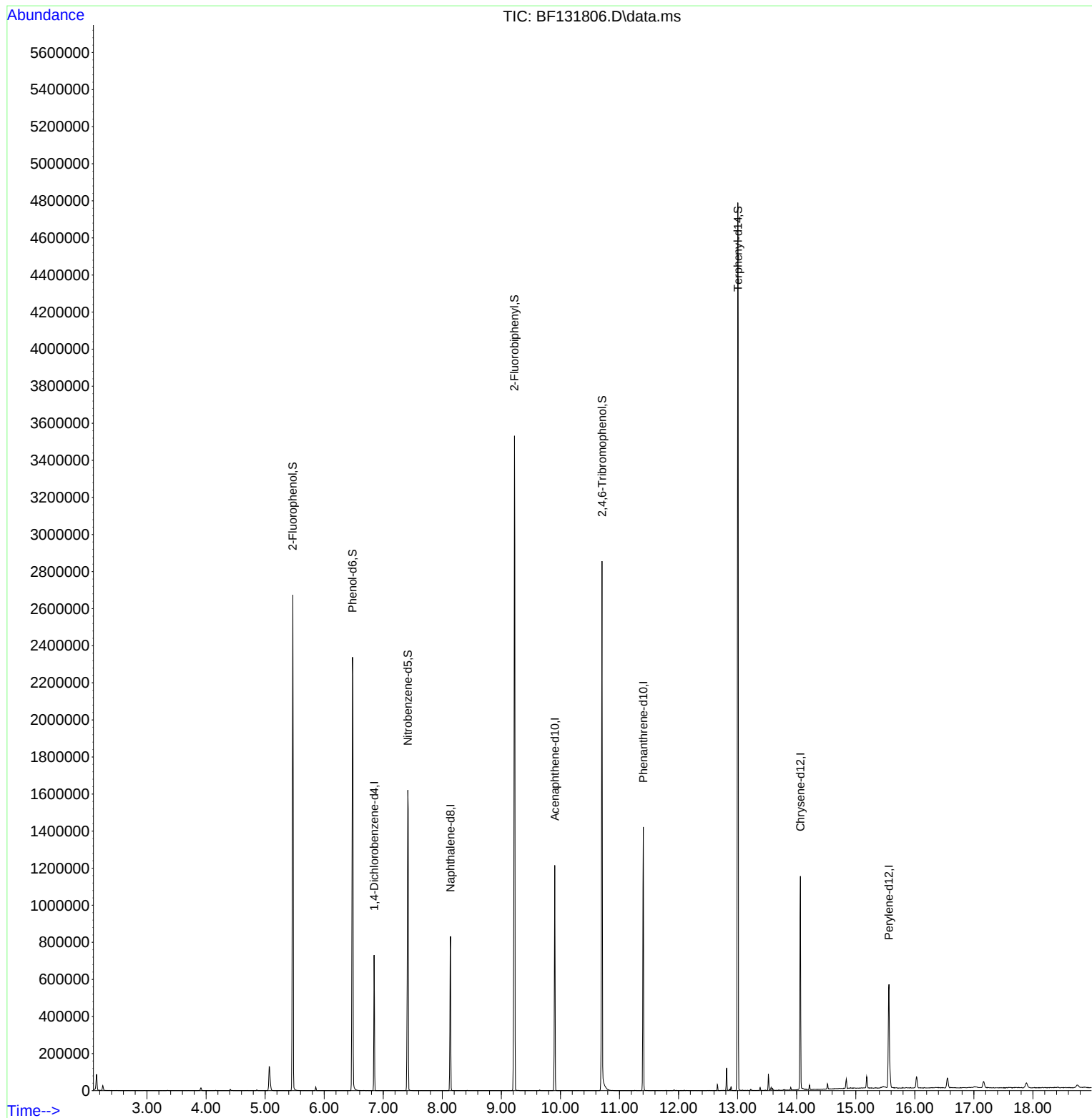
Target Compounds	Qvalue

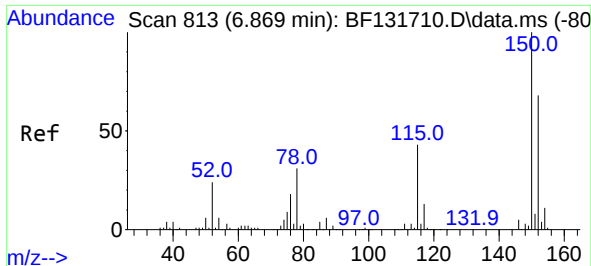
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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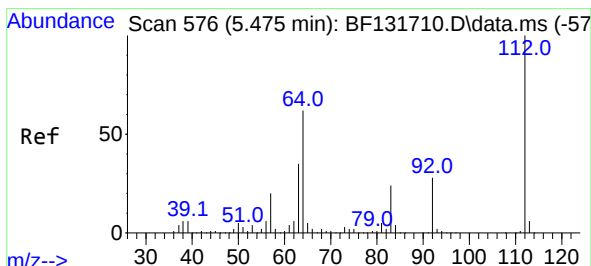
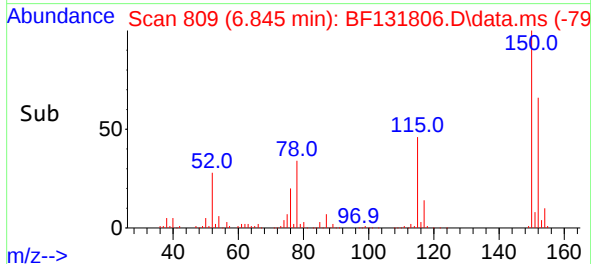
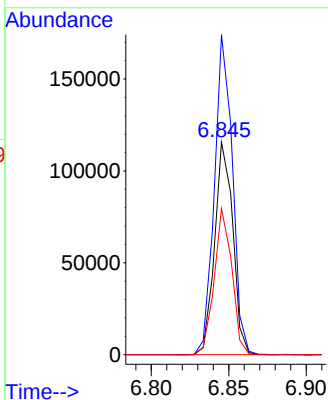
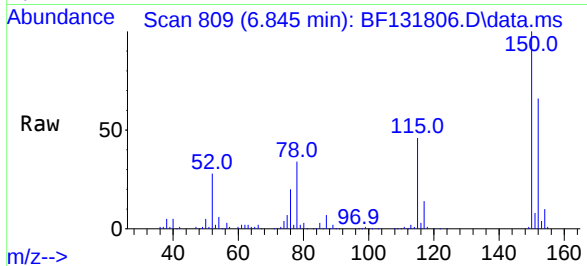




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131806.D
Acq: 23 Dec 2022 14:58

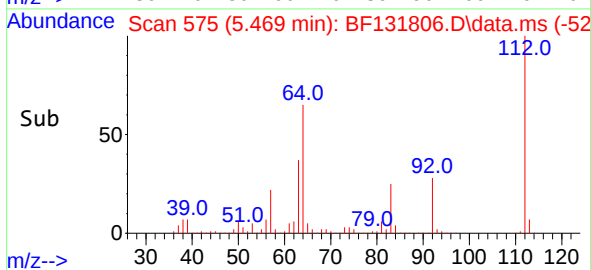
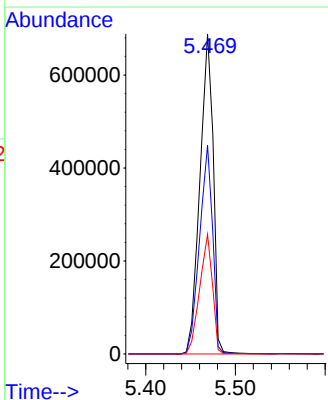
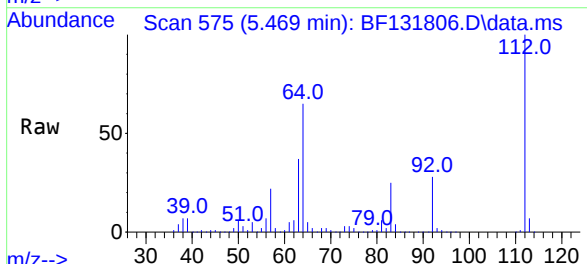
Instrument :
BNA_F
ClientSampleId :
PB149846BL

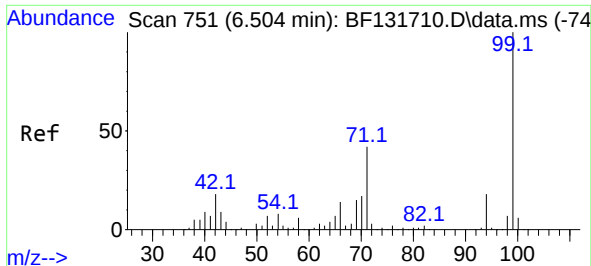
Tgt Ion:152 Resp: 94218
Ion Ratio Lower Upper
152 100
150 150.6 117.4 176.0
115 68.8 50.2 75.4



#5
2-Fluorophenol
Concen: 126.875 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131806.D
Acq: 23 Dec 2022 14:58

Tgt Ion:112 Resp: 709898
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 37.4 28.2 42.2

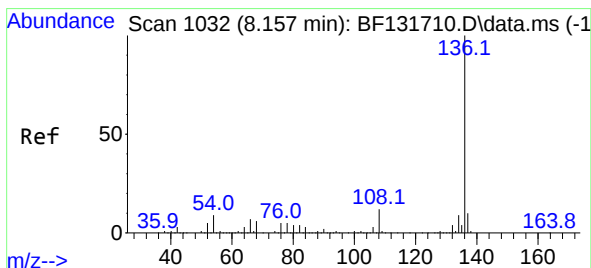
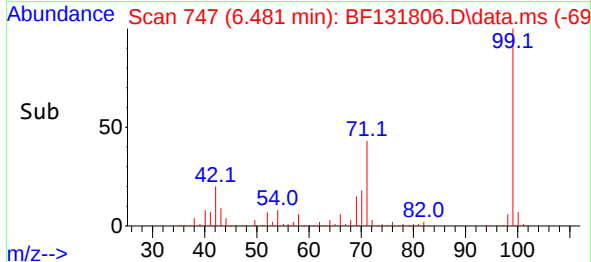
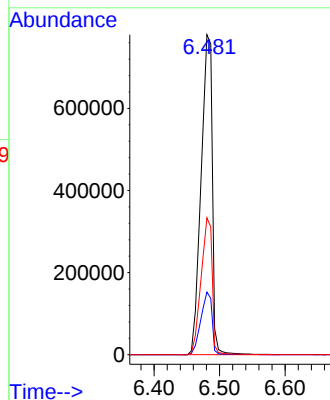
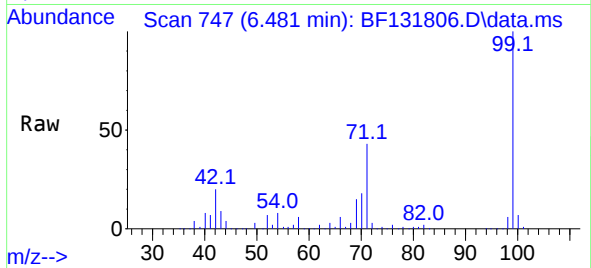




#7
Phenol-d6
Concen: 123.417 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131806.D
Acq: 23 Dec 2022 14:58

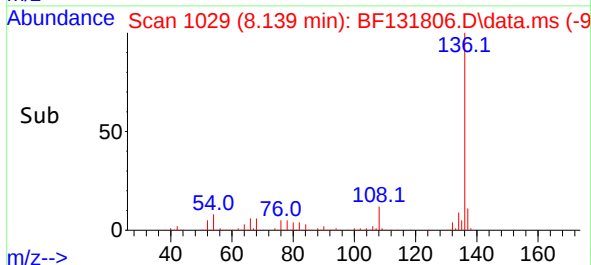
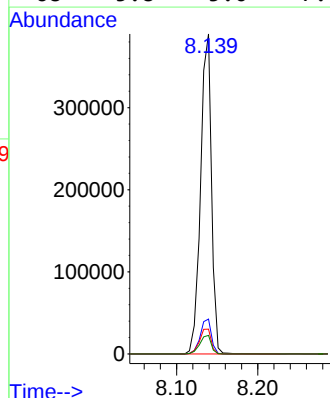
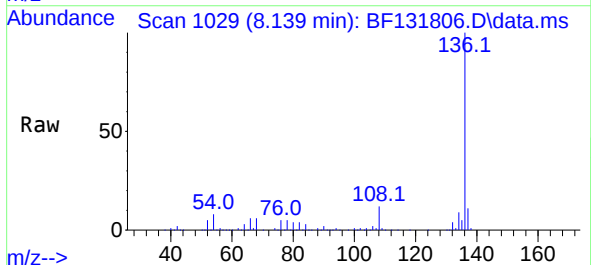
Instrument :
BNA_F
ClientSampleId :
PB149846BL

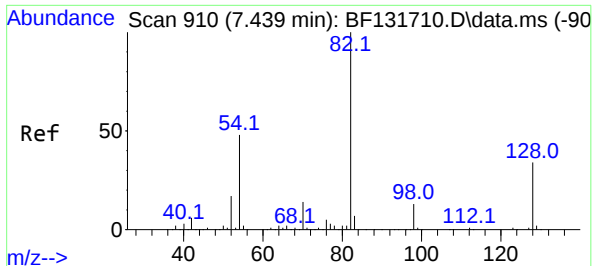
Tgt Ion: 99 Resp: 929463
Ion Ratio Lower Upper
99 100
42 19.5 14.8 22.2
71 42.7 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131806.D
Acq: 23 Dec 2022 14:58

Tgt Ion: 136 Resp: 364641
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.8 7.2 10.8
68 5.8 5.0 7.6

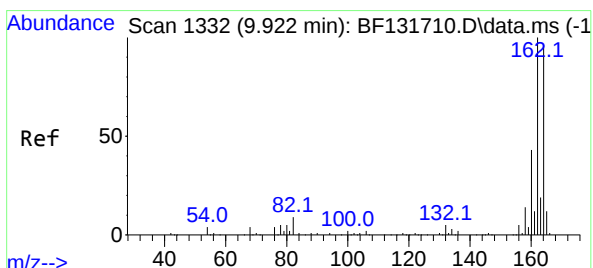
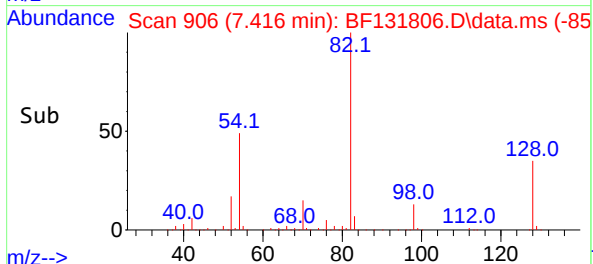
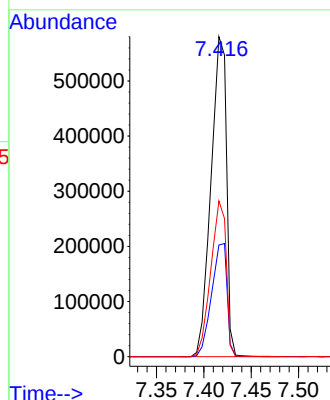
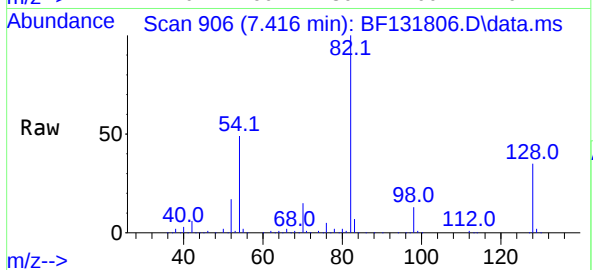




#23
Nitrobenzene-d5
Concen: 73.332 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131806.D
Acq: 23 Dec 2022 14:58

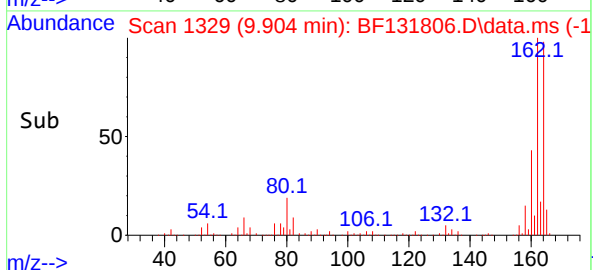
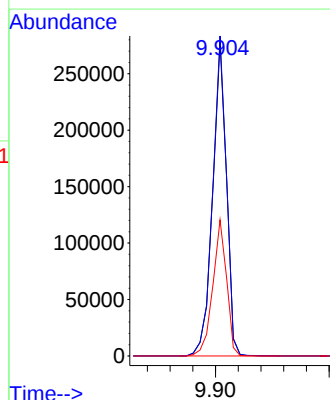
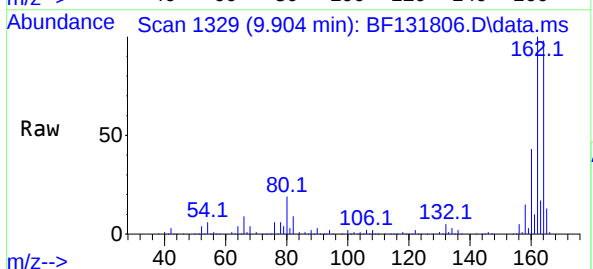
Instrument :
BNA_F
ClientSampleId :
PB149846BL

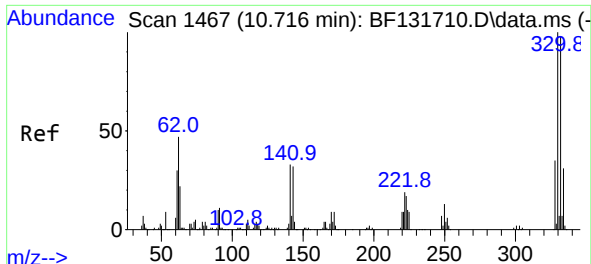
Tgt Ion: 82 Resp: 658678
Ion Ratio Lower Upper
82 100
128 34.9 27.3 40.9
54 48.6 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131806.D
Acq: 23 Dec 2022 14:58

Tgt Ion:164 Resp: 233955
Ion Ratio Lower Upper
164 100
162 102.1 83.7 125.5
160 43.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 131.123 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF131806.D

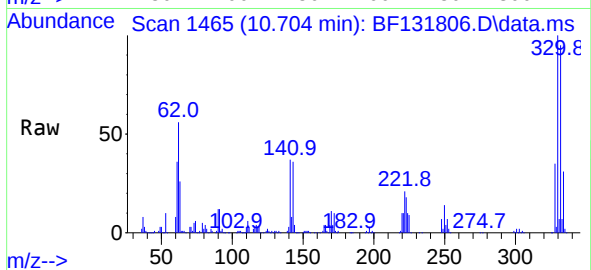
Acq: 23 Dec 2022 14:58

Instrument :

BNA_F

ClientSampleId :

PB149846BL



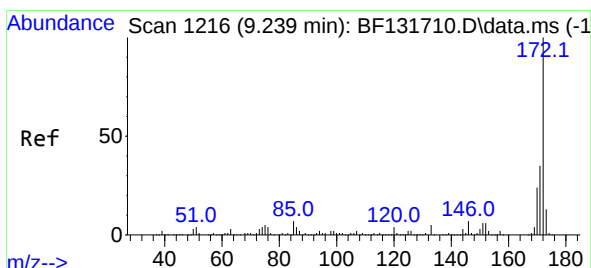
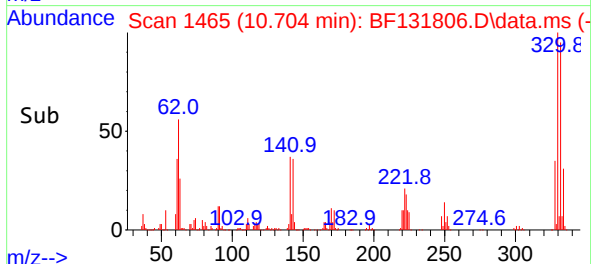
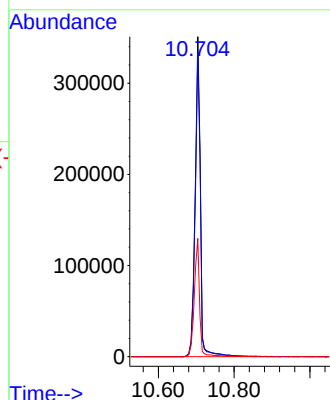
Tgt Ion:330 Resp: 335771

Ion Ratio Lower Upper

330 100

332 94.7 77.1 115.7

141 37.3 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 73.528 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF131806.D

Acq: 23 Dec 2022 14:58

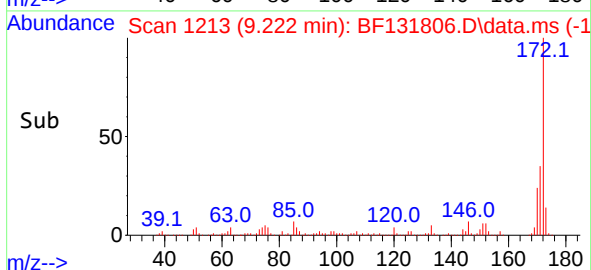
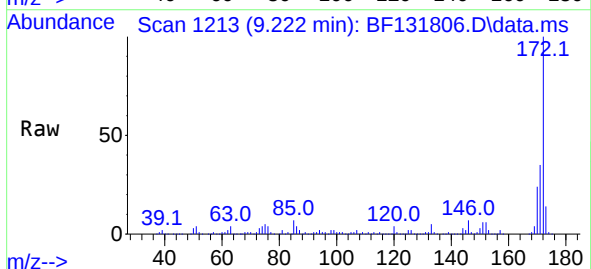
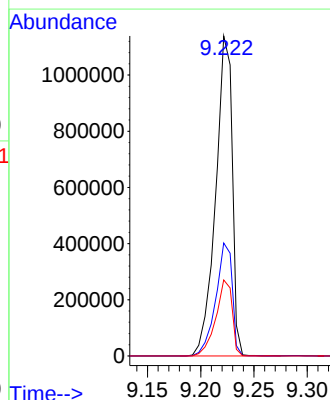
Tgt Ion:172 Resp: 1228003

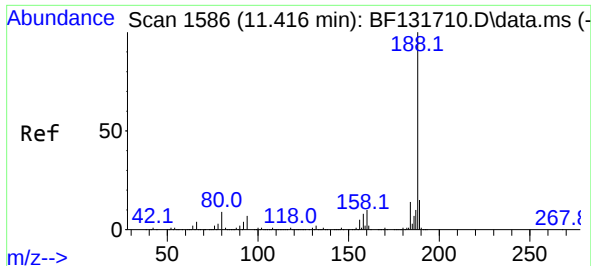
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 23.8 19.0 28.4

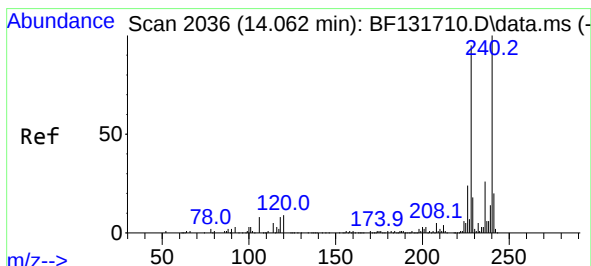
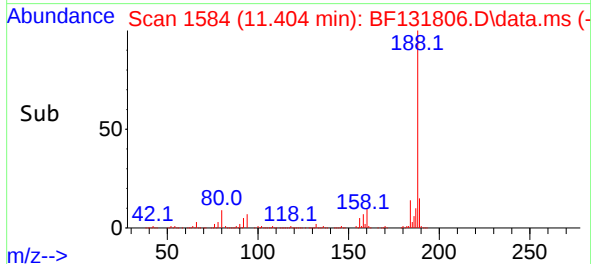
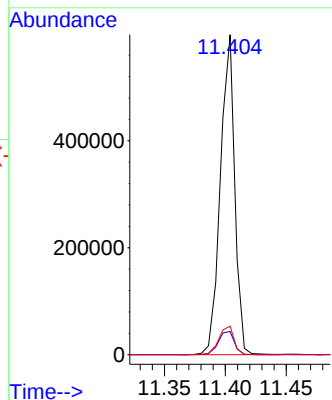
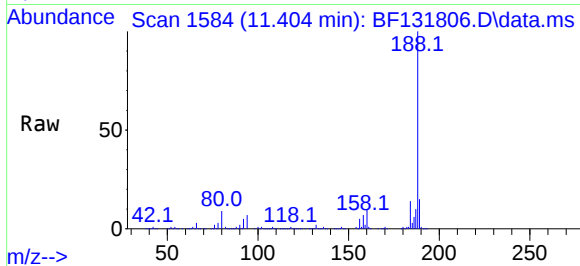




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131806.D
Acq: 23 Dec 2022 14:58

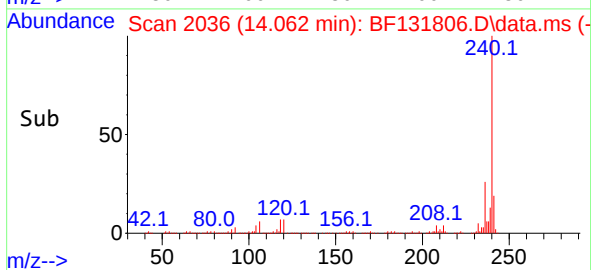
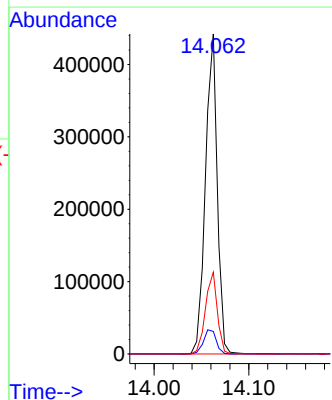
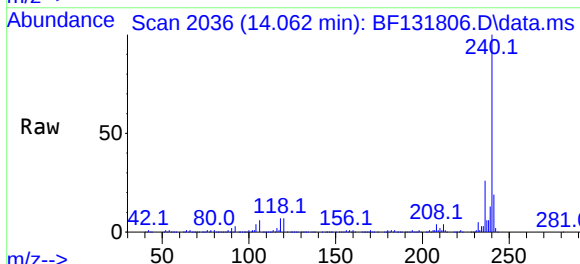
Instrument :
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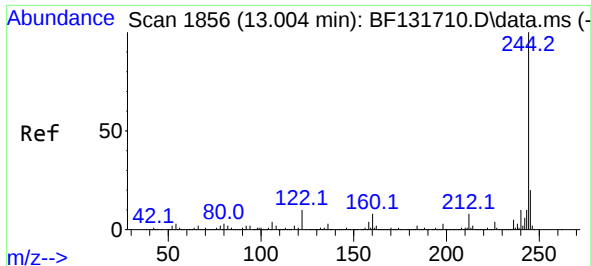
Tgt Ion:188 Resp: 490872
Ion Ratio Lower Upper
188 100
94 7.3 5.9 8.9
80 8.9 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF131806.D
Acq: 23 Dec 2022 14:58

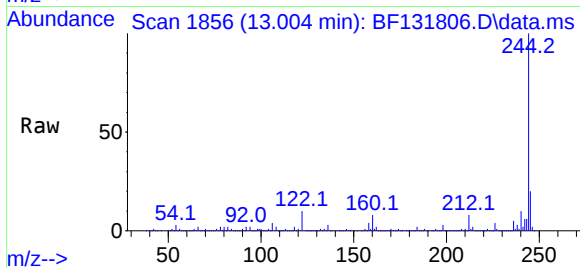
Tgt Ion:240 Resp: 383643
Ion Ratio Lower Upper
240 100
120 7.0 7.6 11.4#
236 25.5 21.2 31.8



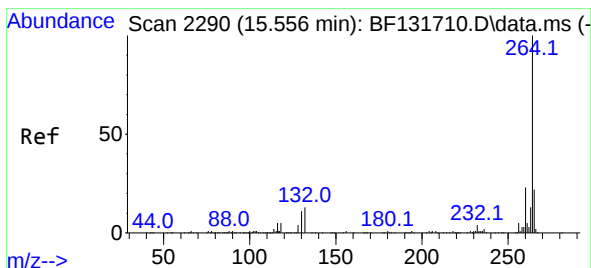
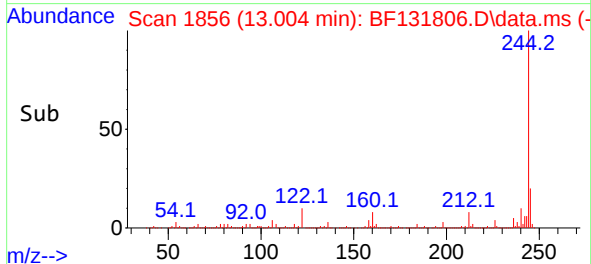
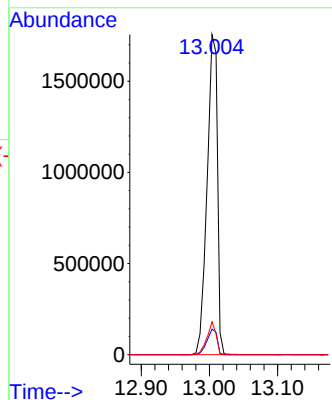


#79
 Terphenyl-d14
 Concen: 75.197 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131806.D
 Acq: 23 Dec 2022 14:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1851025
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 10.3 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. 0.000 min
 Lab File: BF131806.D
 Acq: 23 Dec 2022 14:58

Tgt Ion:264 Resp: 265884
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.4 17.4 26.2

