

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131911.D
 Acq On : 04 Jan 2023 21:55
 Operator : CG\JU
 Sample : 01001-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C3

Quant Time: Jan 05 05:46:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	66682	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	232606	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	126984	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	205268	20.000	ng	0.00
76) Chrysene-d12	14.010	240	139367	20.000	ng	0.00
86) Perylene-d12	15.486	264	159921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	586489	145.758	ng	0.02
7) Phenol-d6	6.451	99	694843	131.439	ng	0.00
23) Nitrobenzene-d5	7.386	82	569020	97.669	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	199006	144.240	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	964539	104.041	ng	0.00
79) Terphenyl-d14	12.951	244	815002	98.918	ng	0.00

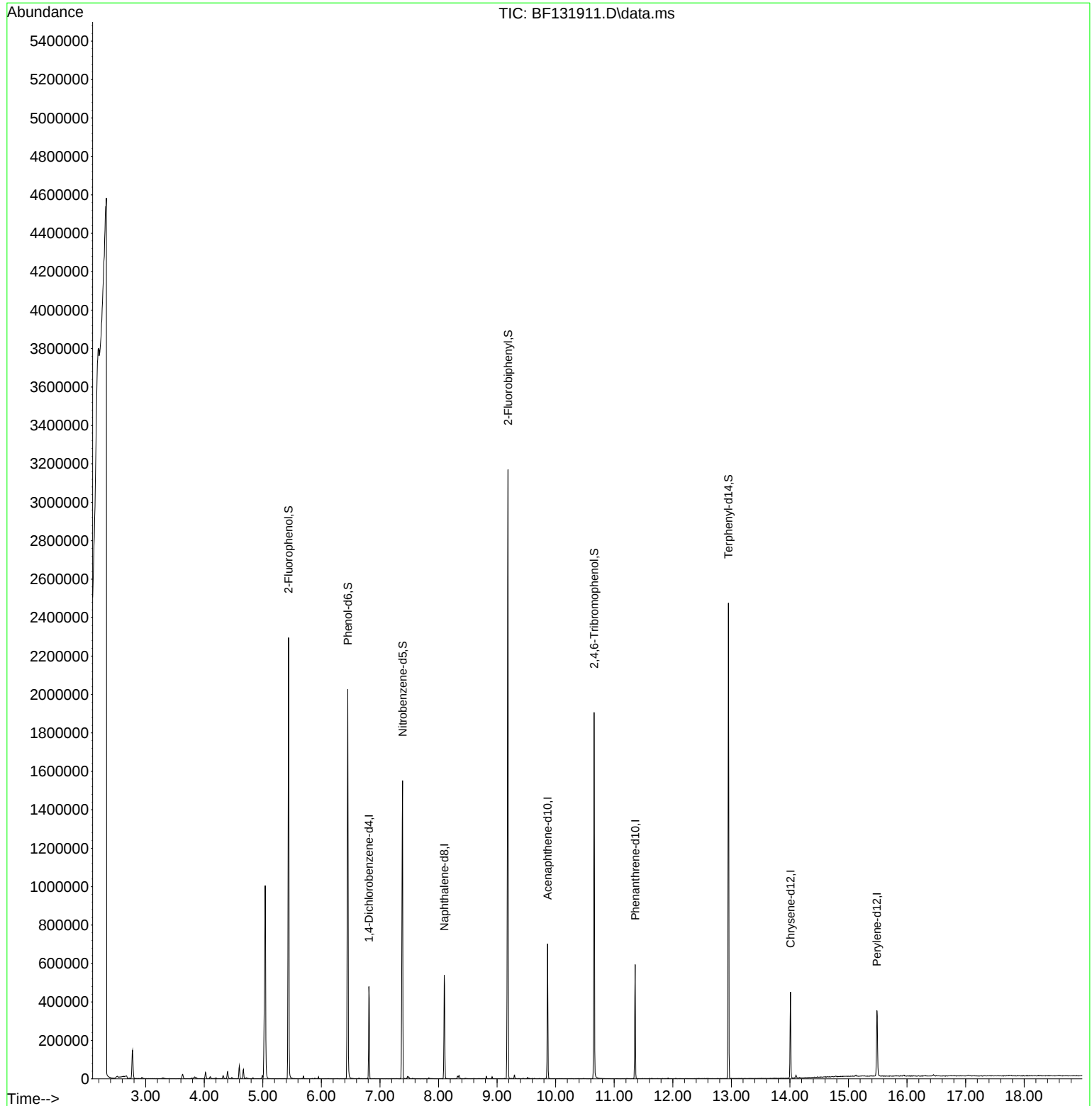
Target Compounds	Qvalue

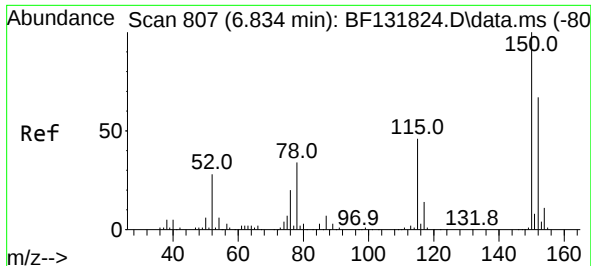
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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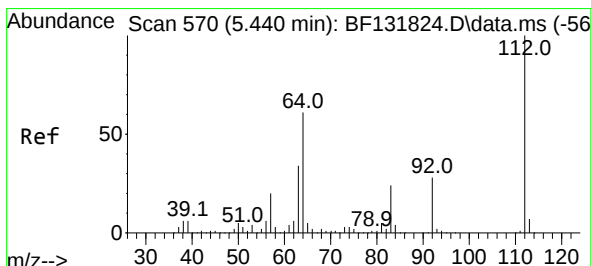
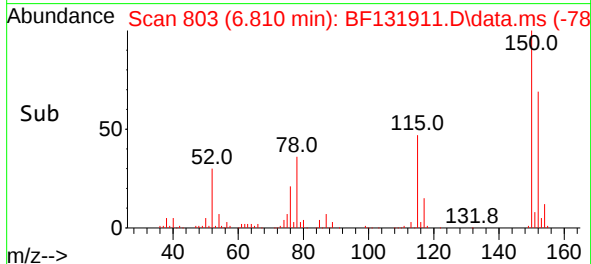
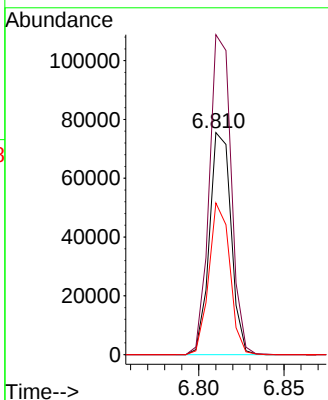
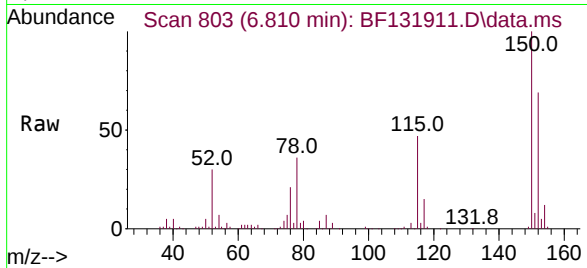




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

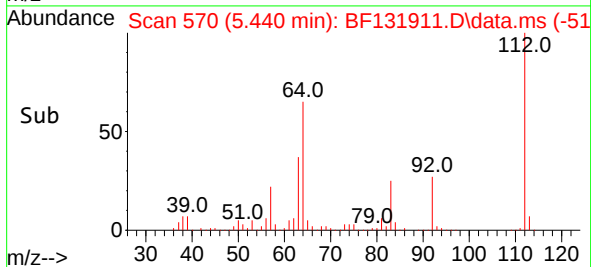
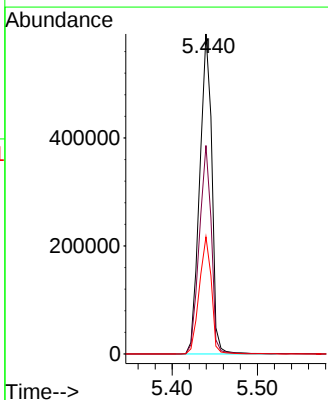
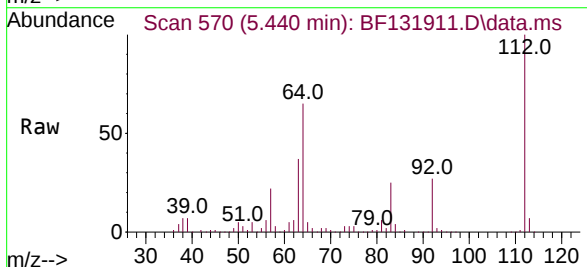
Instrument :
BNA_F
ClientSampleId :
TP-C3

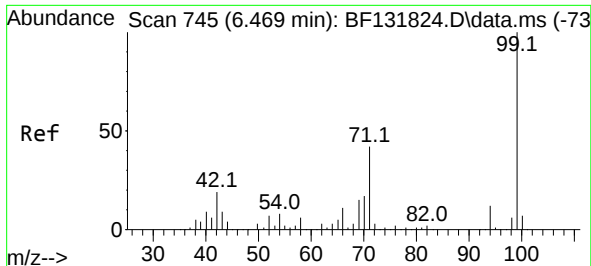
Tgt Ion:152 Resp: 66682
Ion Ratio Lower Upper
152 100
150 144.1 120.0 180.0
115 68.3 55.1 82.7



#5
2-Fluorophenol
Concen: 145.758 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.017 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Tgt Ion:112 Resp: 586489
Ion Ratio Lower Upper
112 100
64 65.1 49.2 73.8
63 36.6 27.5 41.3

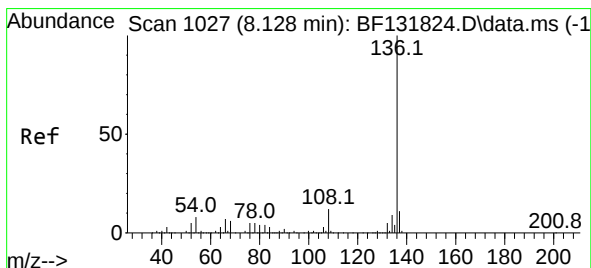
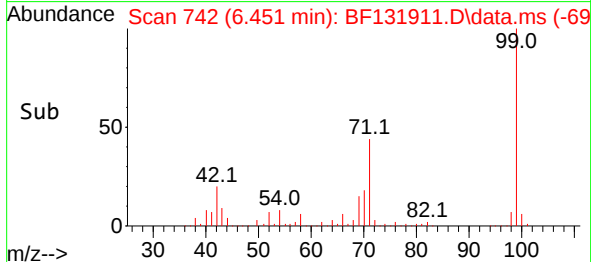
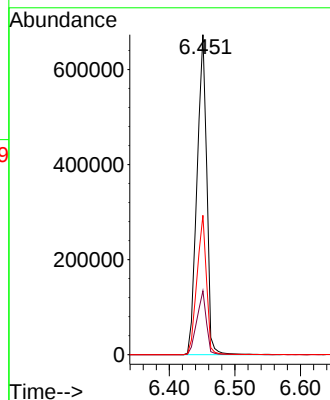
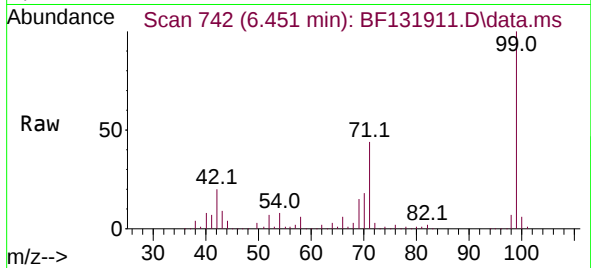




#7
Phenol-d6
Concen: 131.439 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

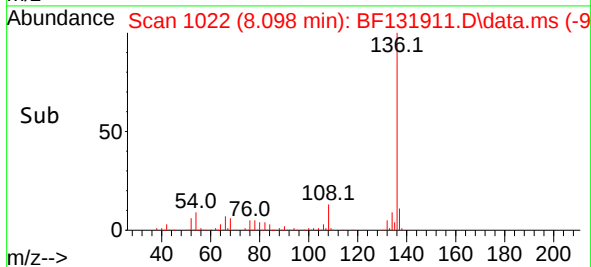
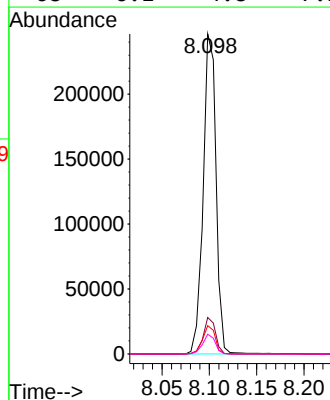
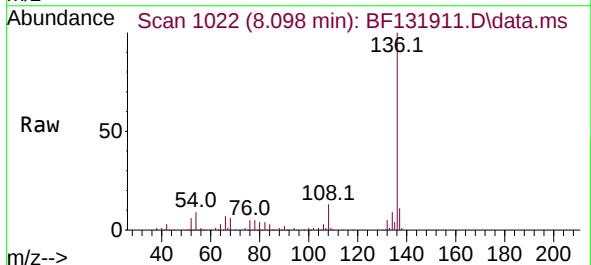
Instrument :
BNA_F
ClientSampleId :
TP-C3

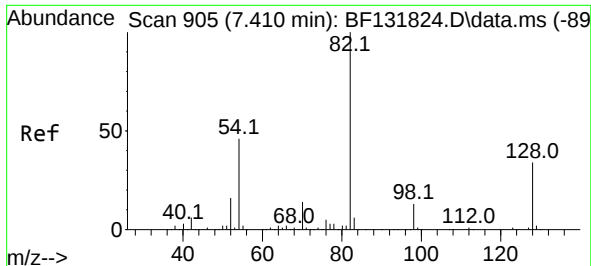
Tgt Ion: 99 Resp: 694843
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.5 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Tgt Ion: 136 Resp: 232606
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 8.8 6.7 10.1
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 97.669 ng

RT: 7.386 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131911.D

Acq: 04 Jan 2023 21:55

Instrument :

BNA_F

ClientSampleId :

TP-C3

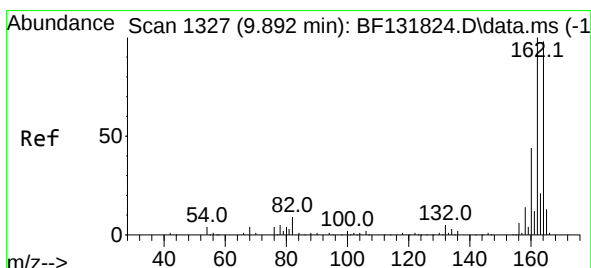
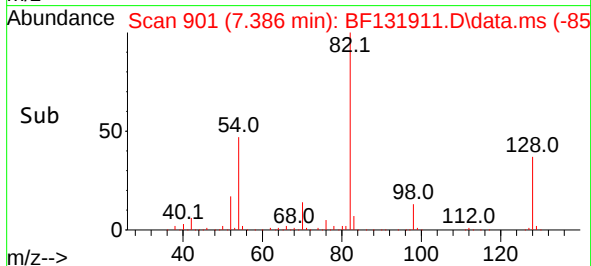
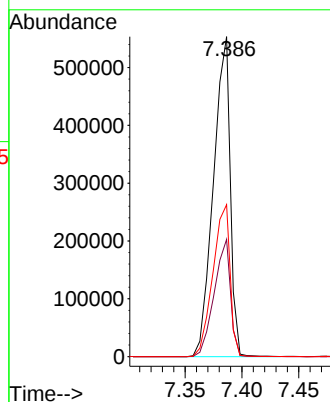
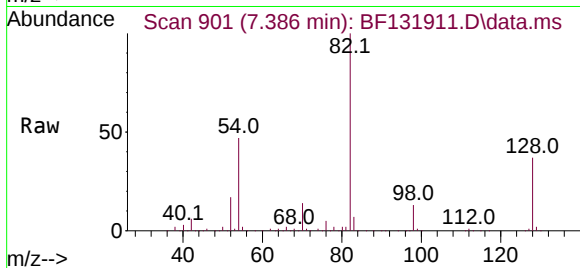
Tgt Ion: 82 Resp: 569020

Ion Ratio Lower Upper

82 100

128 36.6 27.1 40.7

54 47.5 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF131911.D

Acq: 04 Jan 2023 21:55

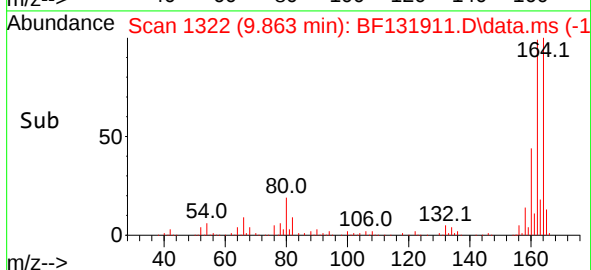
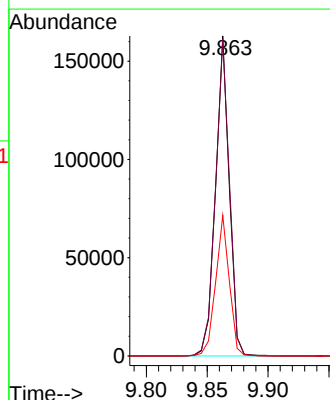
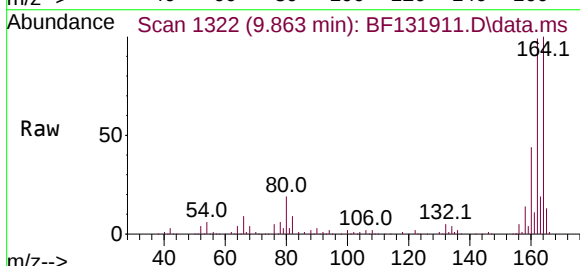
Tgt Ion:164 Resp: 126984

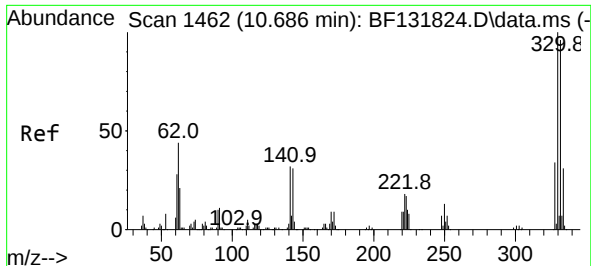
Ion Ratio Lower Upper

164 100

162 99.0 81.8 122.6

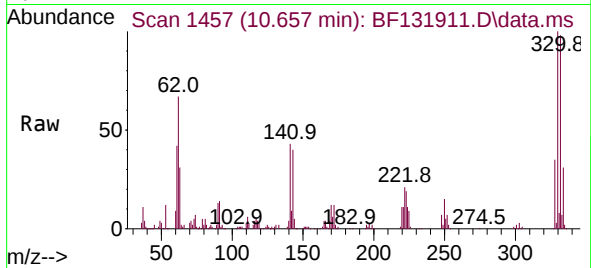
160 43.9 35.7 53.5



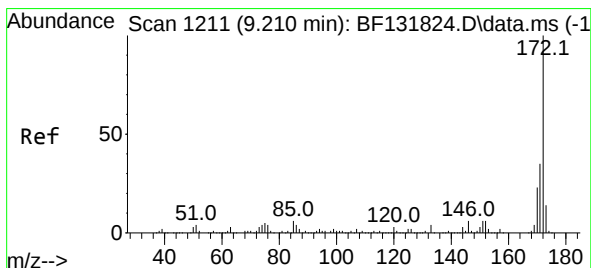
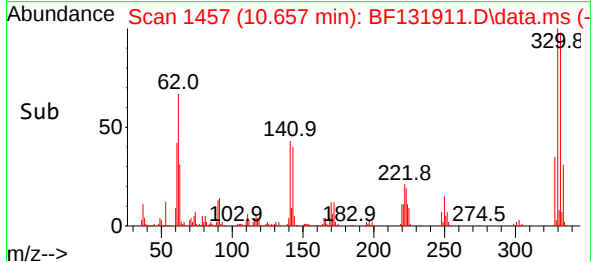
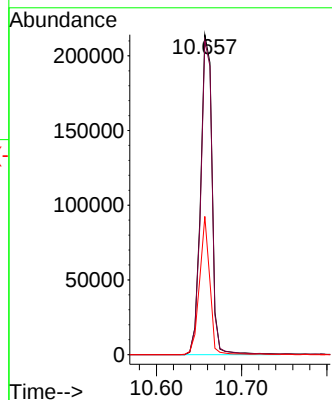


#42
2,4,6-Tribromophenol
Concen: 144.240 ng
RT: 10.657 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Instrument :
BNA_F
ClientSampleId :
TP-C3

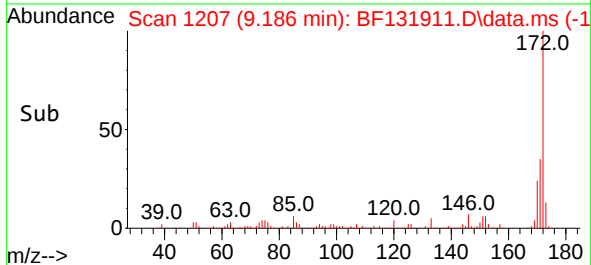
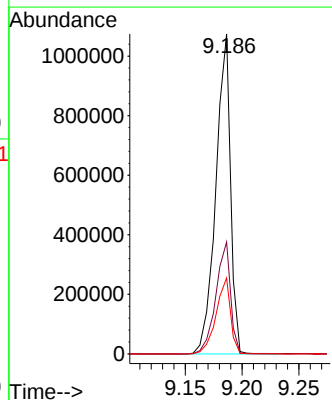
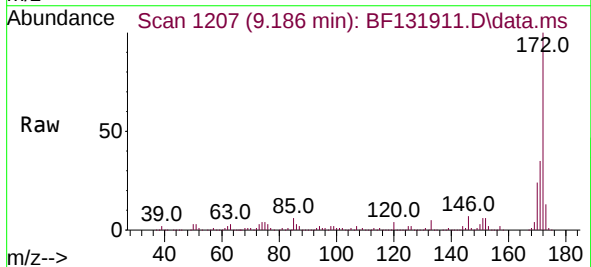


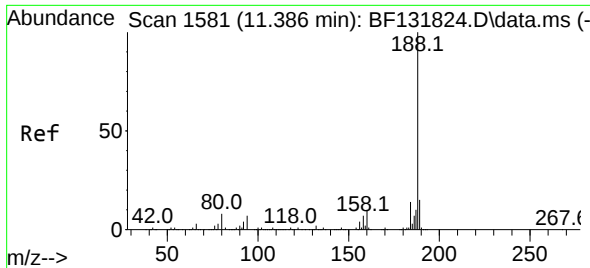
Tgt Ion:330 Resp: 199006
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.4
141 38.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 104.041 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Tgt Ion:172 Resp: 964539
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.7 18.7 28.1

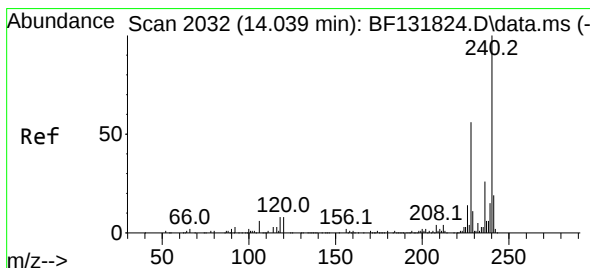
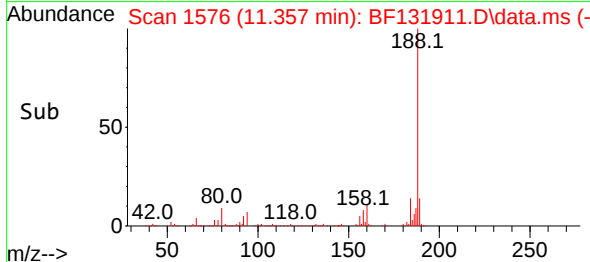
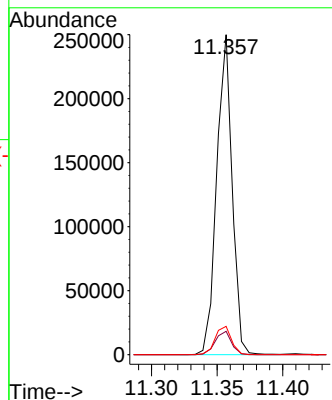
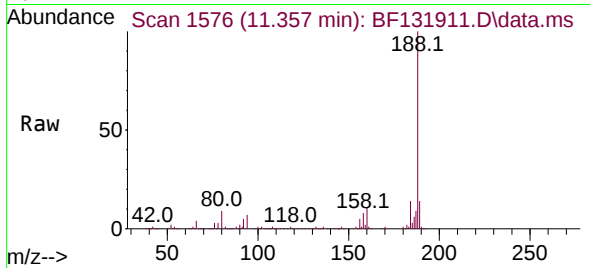




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

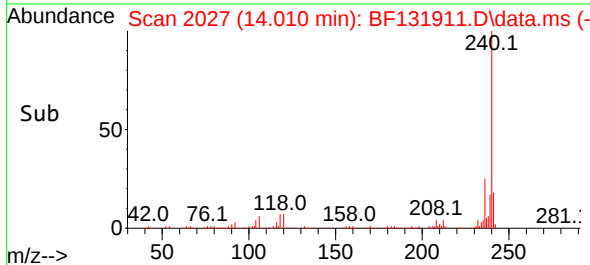
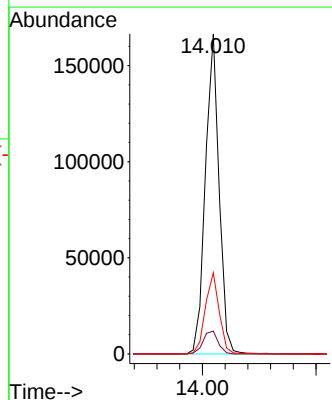
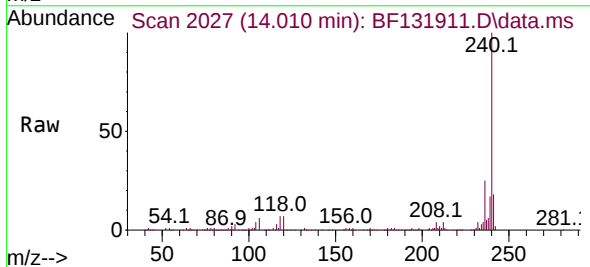
Instrument :
BNA_F
ClientSampleId :
TP-C3

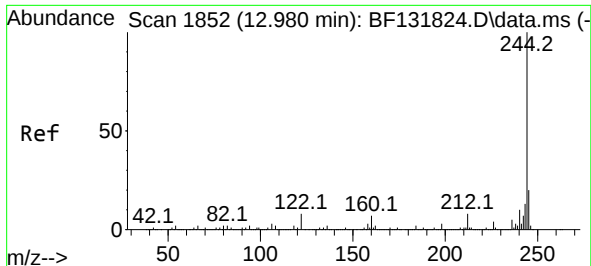
Tgt Ion:188 Resp: 205268
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.8 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

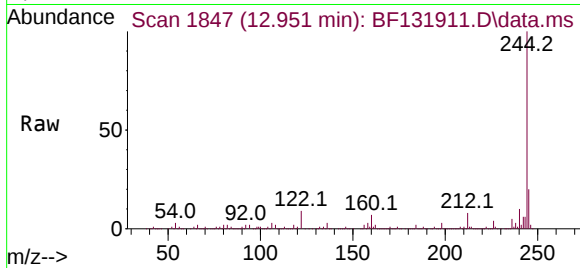
Tgt Ion:240 Resp: 139367
Ion Ratio Lower Upper
240 100
120 7.1 6.7 10.1
236 25.3 20.6 31.0



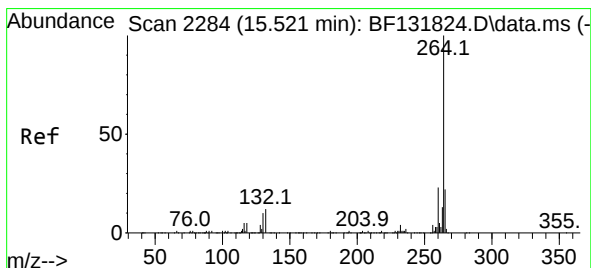
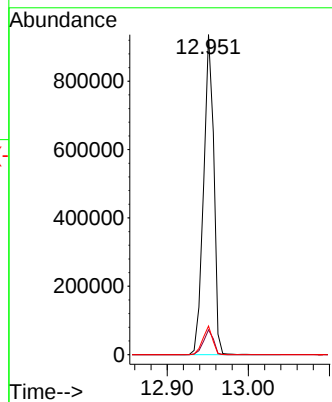
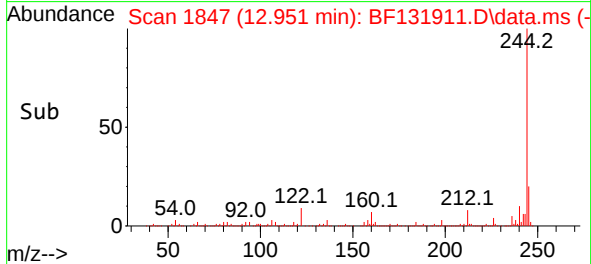


#79
 Terphenyl-d14
 Concen: 98.918 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF131911.D
 Acq: 04 Jan 2023 21:55

Instrument :
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 ClientSampleId :
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Tgt Ion:244	Resp:	815002
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.3 9.5
122	8.9	6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF131911.D
 Acq: 04 Jan 2023 21:55

Tgt Ion:264	Resp:	159921
Ion Ratio	Lower	Upper
264	100	
260	23.4	18.6 28.0
265	22.0	17.4 26.0

