

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131458.D
 Acq On : 29 Nov 2022 15:59
 Operator : CG\JU
 Sample : N5796-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-N

Quant Time: Nov 30 01:06:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	161112	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	614326	20.000	ng	#-0.01
39) Acenaphthene-d10	9.998	164	343053	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	615902	20.000	ng	#-0.01
76) Chrysene-d12	14.151	240	434666	20.000	ng	#-0.02
86) Perylene-d12	15.680	264	319755	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1065595	125.879	ng	0.02
7) Phenol-d6	6.575	99	1255941	116.283	ng	0.00
23) Nitrobenzene-d5	7.510	82	962455	78.974	ng	-0.02
42) 2,4,6-Tribromophenol	10.798	330	440946	152.781	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1717879	72.852	ng	-0.01
79) Terphenyl-d14	13.092	244	1969240	74.085	ng	-0.01

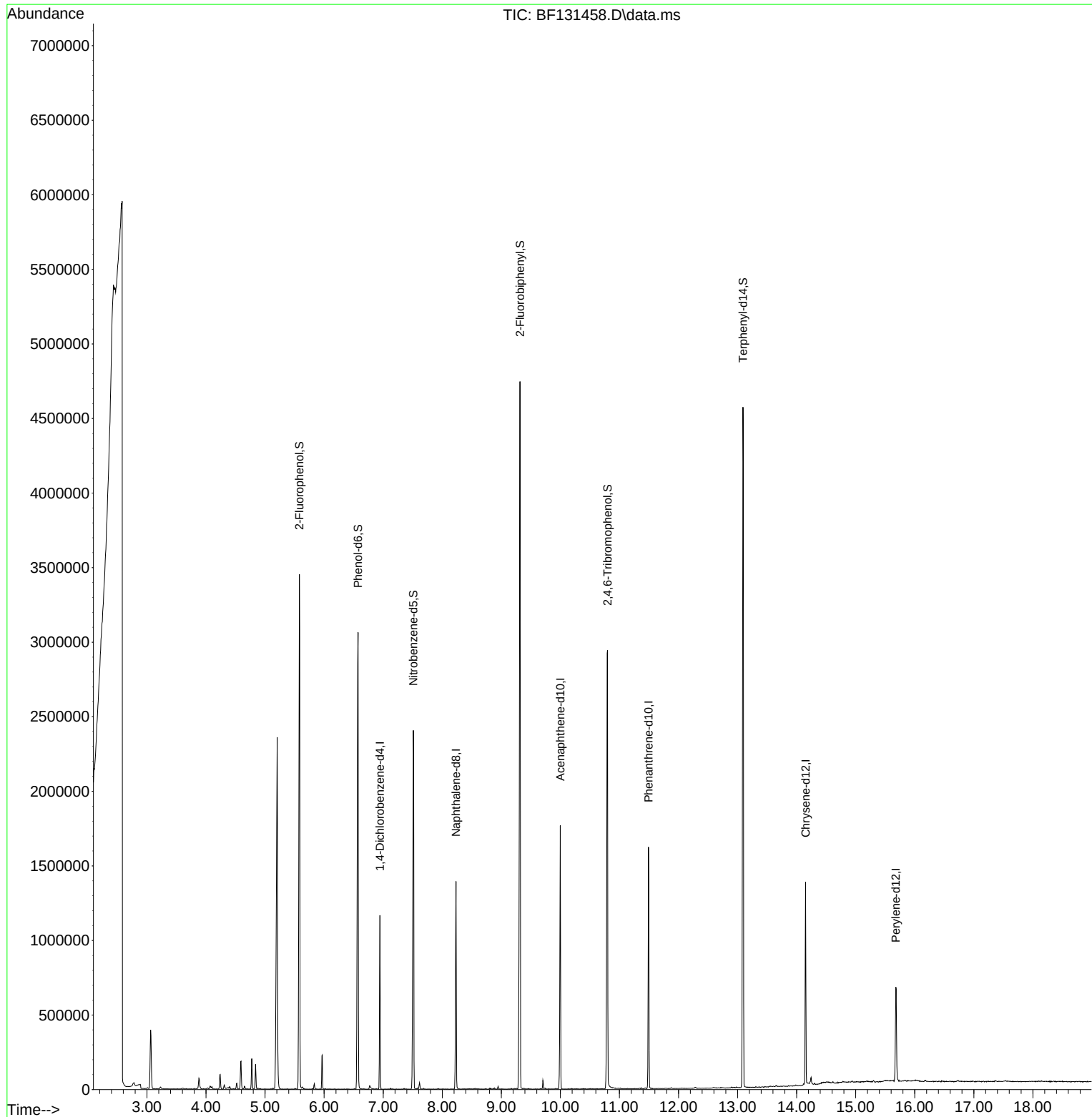
Target Compounds	Qvalue

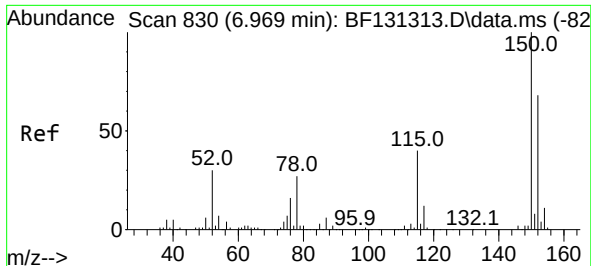
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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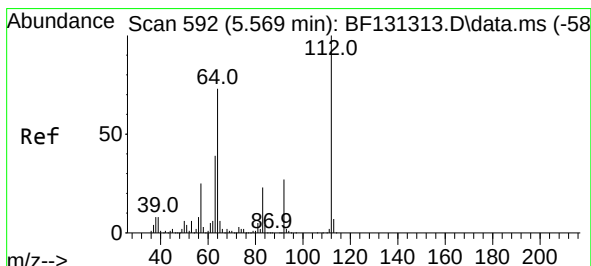
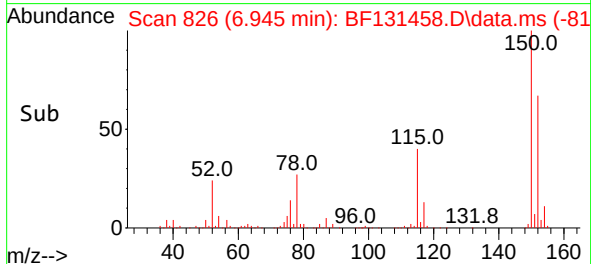
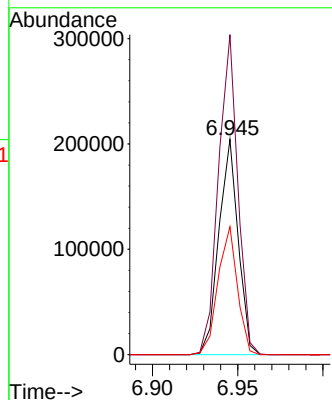
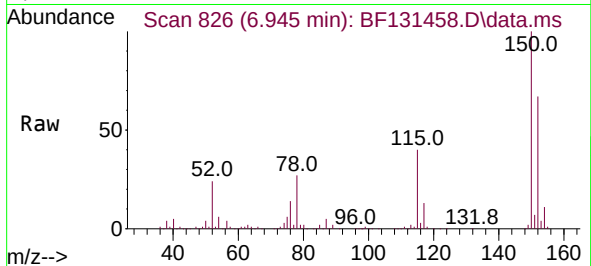




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

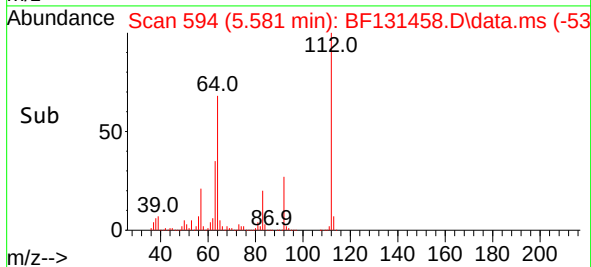
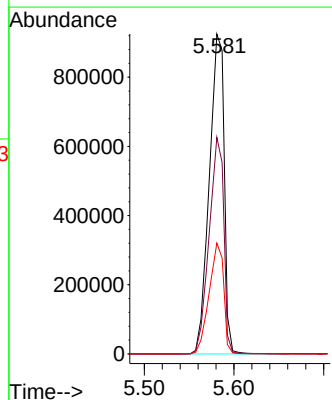
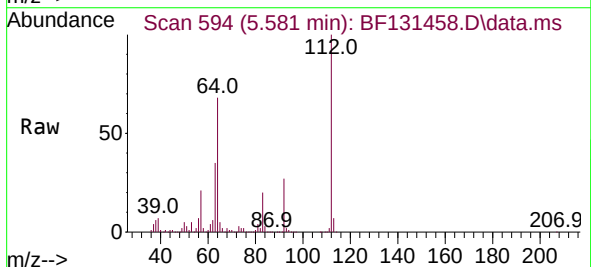
Instrument :
BNA_F
ClientSampleId :
TP-N

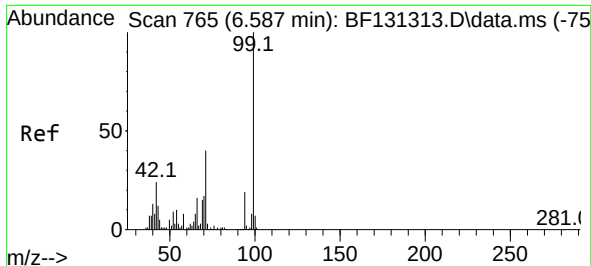
Tgt Ion:152 Resp: 161112
Ion Ratio Lower Upper
152 100
150 148.7 117.8 176.8
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 125.879 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.023 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion:112 Resp: 1065595
Ion Ratio Lower Upper
112 100
64 67.7 58.6 88.0
63 34.6 31.4 47.0



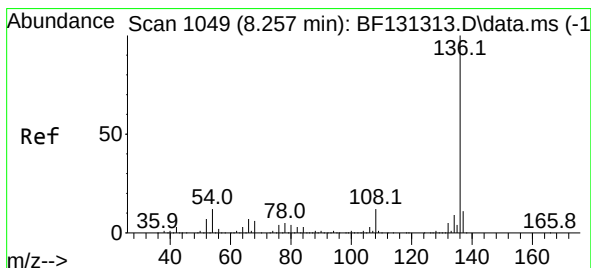
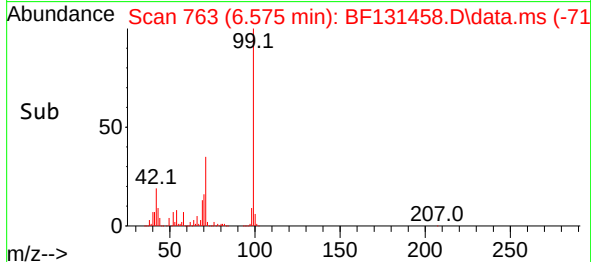
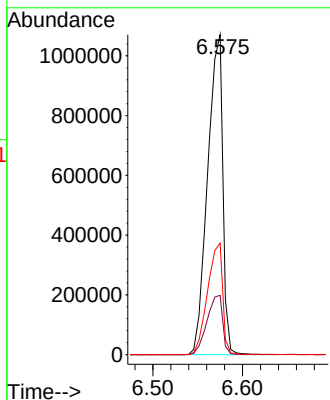
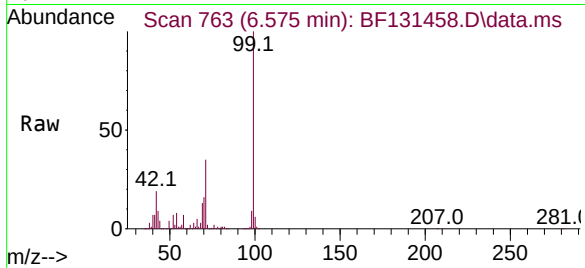


#7
Phenol-d6
Concen: 116.283 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Instrument :
BNA_F
ClientSampleId :
TP-N

Tgt Ion: 99 Resp: 1255941

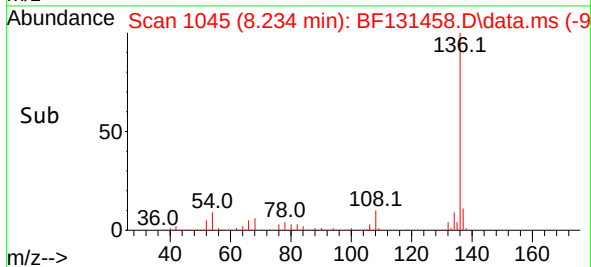
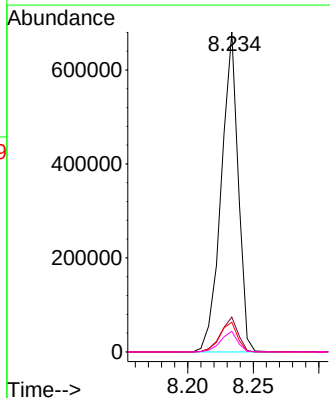
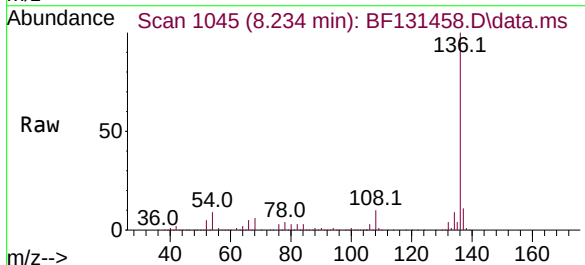
Ion	Ratio	Lower	Upper
99	100		
42	18.5	19.4	29.2#
71	34.8	32.3	48.5

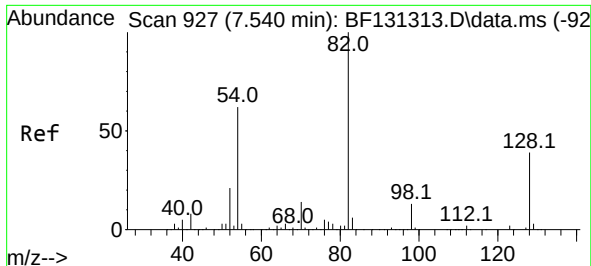


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion: 136 Resp: 614326

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.3	9.4	14.0#
68	6.4	4.5	6.7

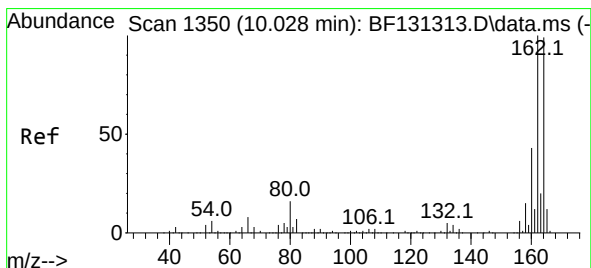
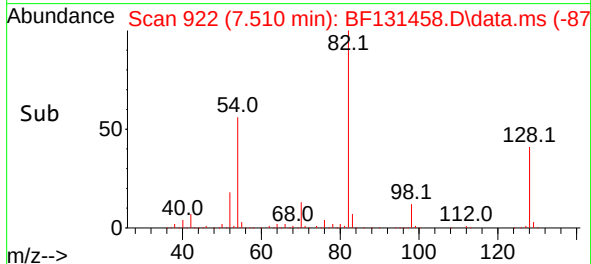
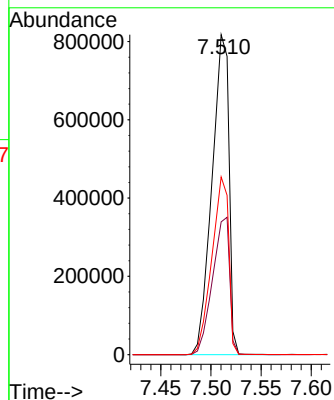
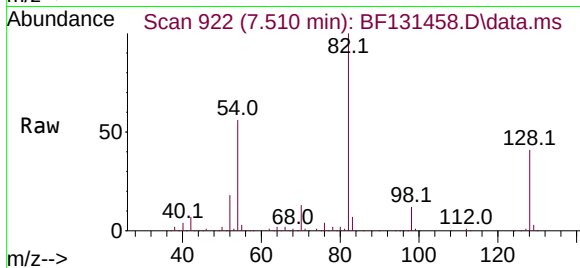




#23
Nitrobenzene-d5
Concen: 78.974 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

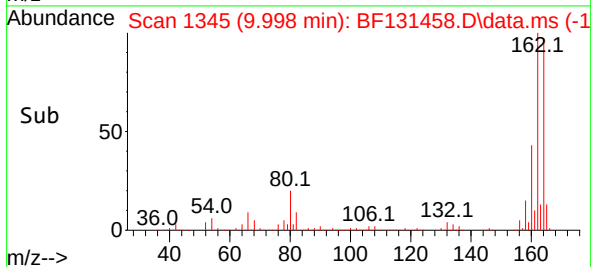
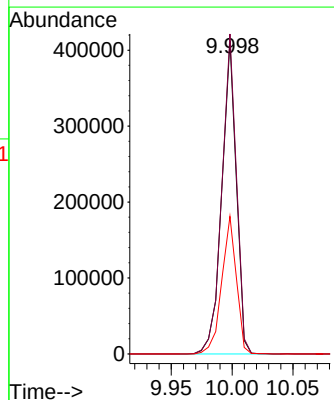
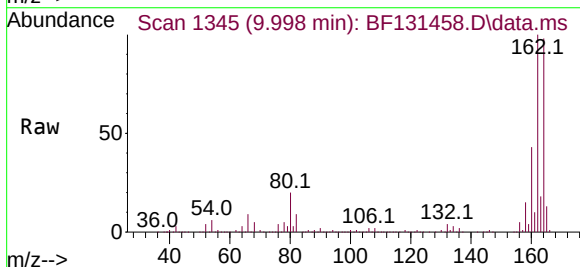
Instrument :
BNA_F
ClientSampleId :
TP-N

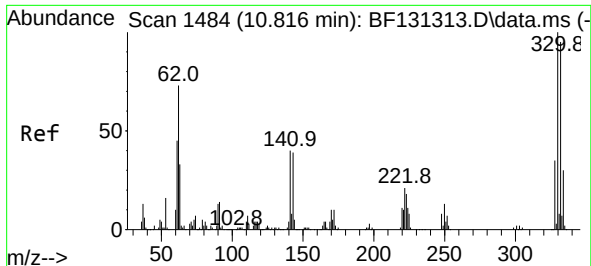
Tgt Ion: 82 Resp: 962455
Ion Ratio Lower Upper
82 100
128 41.5 31.4 47.0
54 55.5 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion:164 Resp: 343053
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 44.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 152.781 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131458.D

Acq: 29 Nov 2022 15:59

Instrument :

BNA_F

ClientSampleId :

TP-N

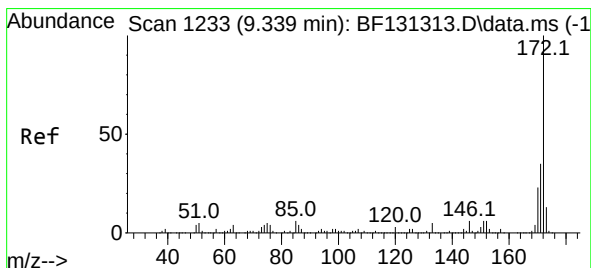
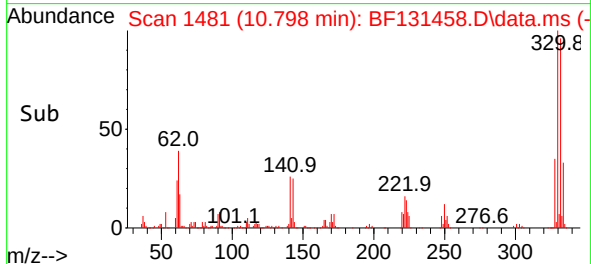
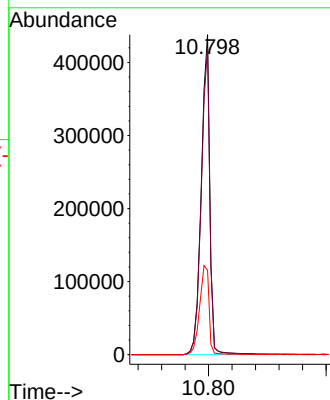
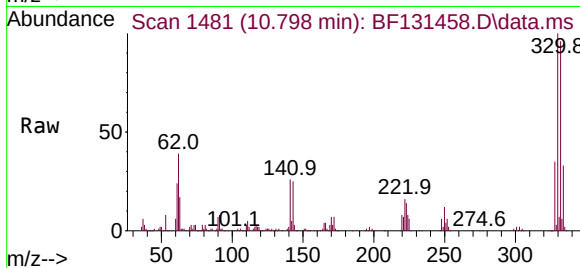
Tgt Ion:330 Resp: 440946

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 30.7 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 72.852 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF131458.D

Acq: 29 Nov 2022 15:59

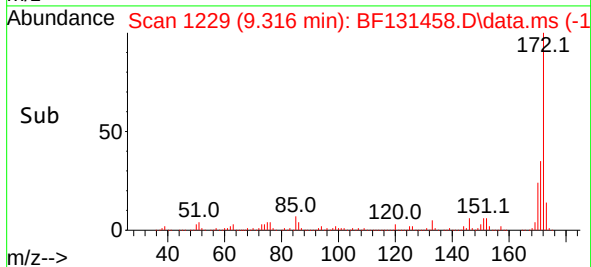
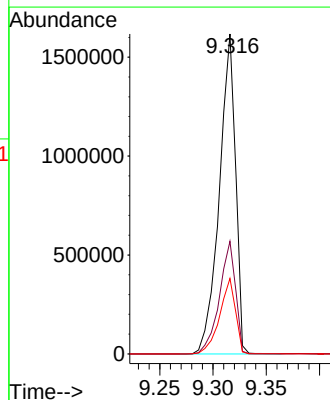
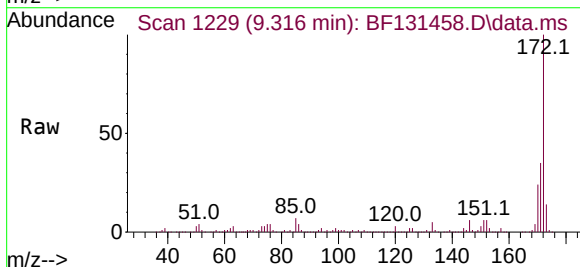
Tgt Ion:172 Resp: 1717879

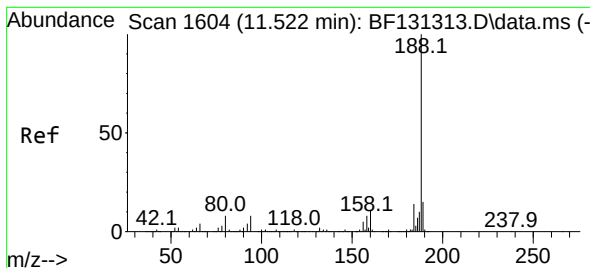
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131458.D

Acq: 29 Nov 2022 15:59

Instrument :

BNA_F

ClientSampleId :

TP-N

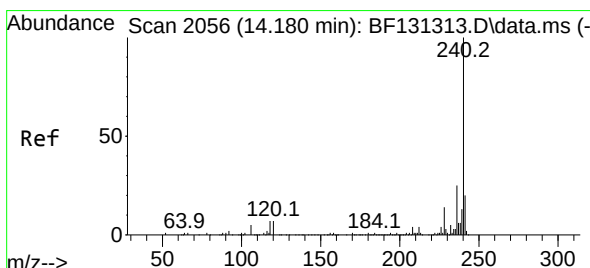
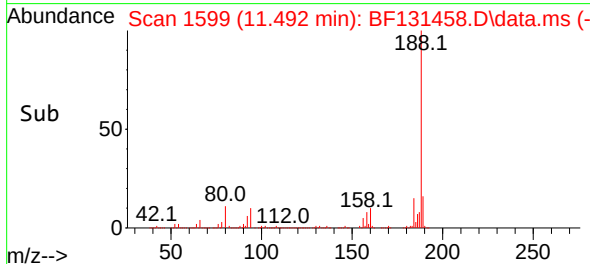
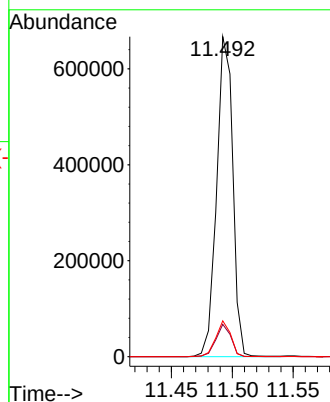
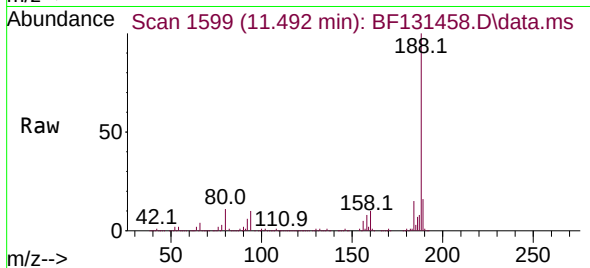
Tgt Ion:188 Resp: 615902

Ion Ratio Lower Upper

188 100

94 10.1 6.3 9.5#

80 11.2 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2051

Delta R.T. -0.018 min

Lab File: BF131458.D

Acq: 29 Nov 2022 15:59

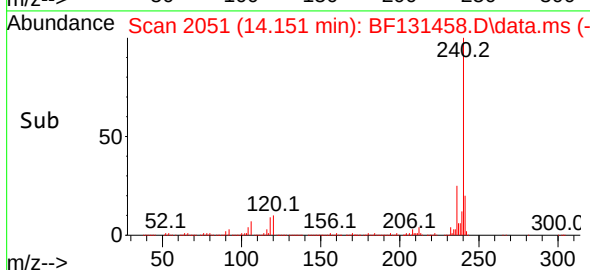
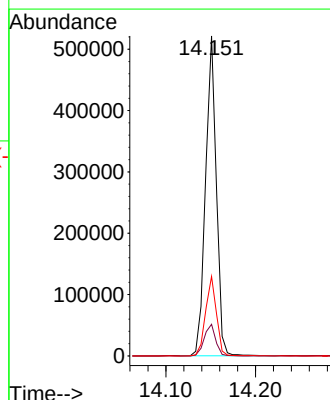
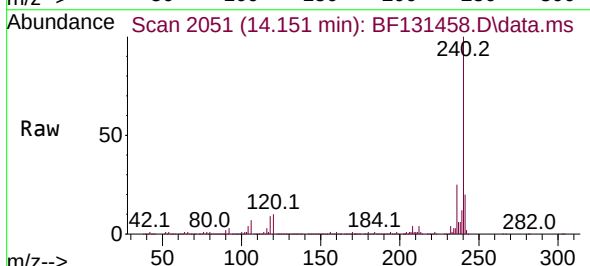
Tgt Ion:240 Resp: 434666

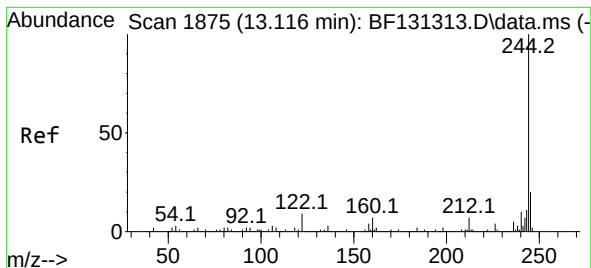
Ion Ratio Lower Upper

240 100

120 9.9 5.8 8.8#

236 24.8 20.3 30.5





#79

Terphenyl-d14

Concen: 74.085 ng

RT: 13.092 min Scan# 1875

Delta R.T. -0.012 min

Lab File: BF131458.D

Acq: 29 Nov 2022 15:59

Instrument :

BNA_F

ClientSampleId :

TP-N

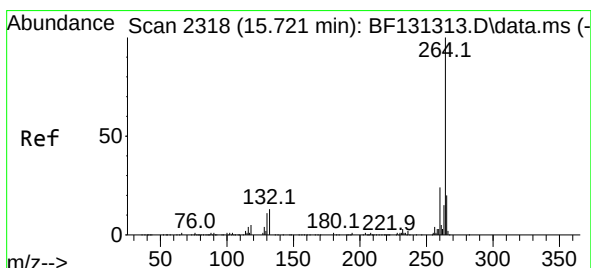
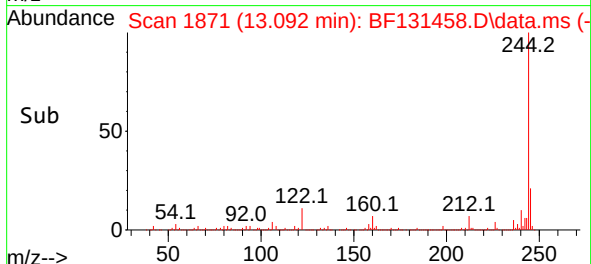
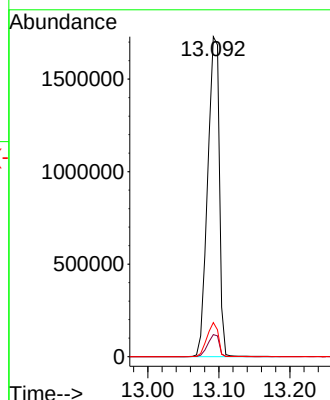
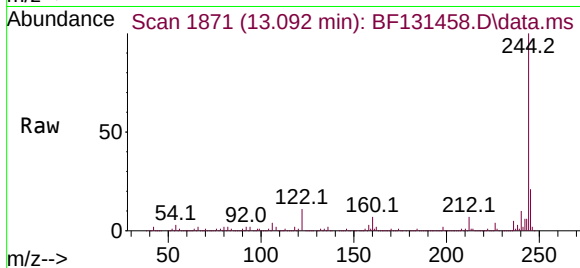
Tgt Ion:244 Resp: 1969240

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 10.6 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.680 min Scan# 2311

Delta R.T. -0.018 min

Lab File: BF131458.D

Acq: 29 Nov 2022 15:59

Tgt Ion:264 Resp: 319755

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 21.6 16.4 24.6

