

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131459.D
 Acq On : 29 Nov 2022 16:32
 Operator : CG\JU
 Sample : N5780-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-M

Quant Time: Nov 30 01:06:28 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)

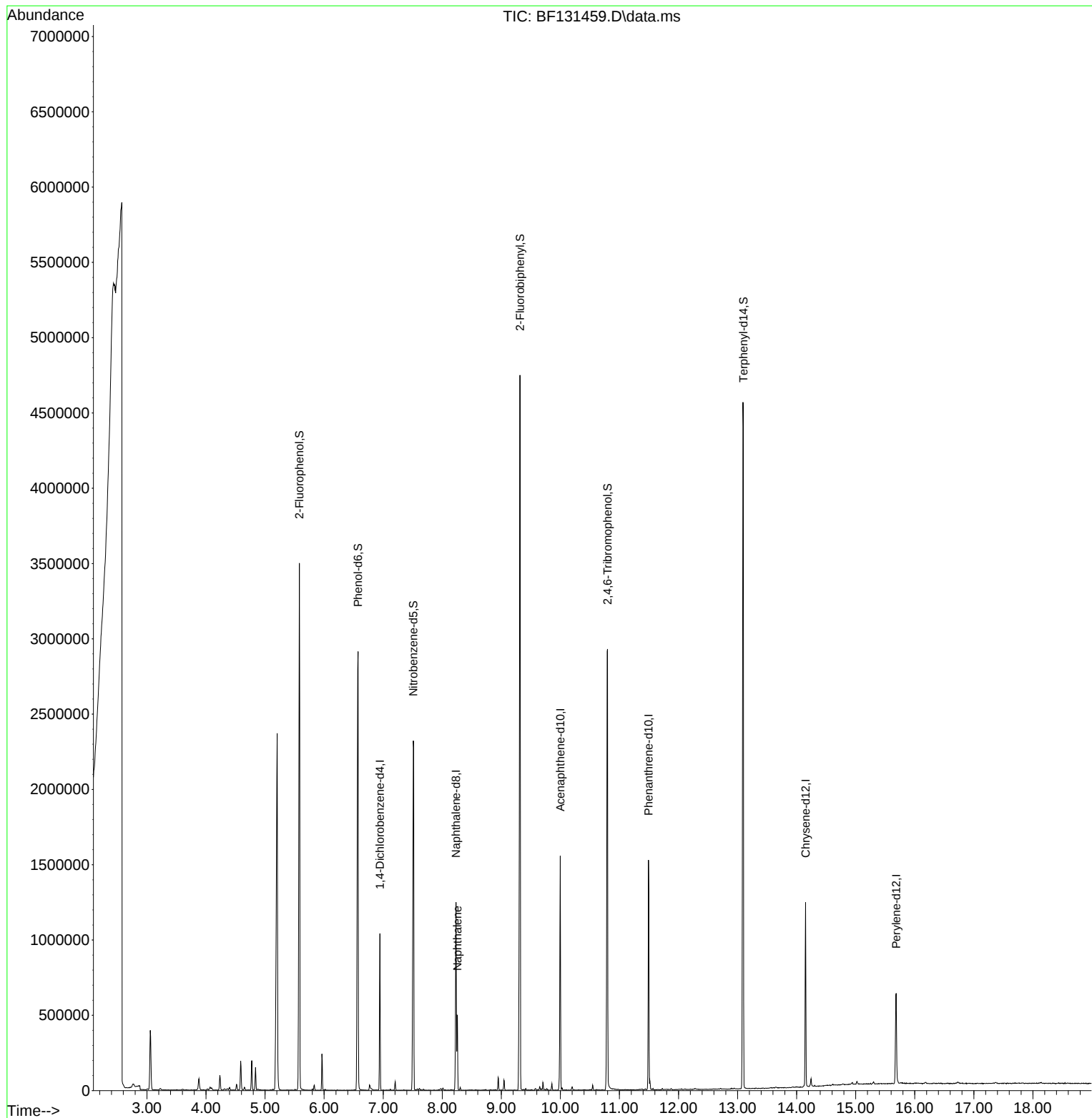
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	142975	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	545049	20.000	ng	#-0.01
39) Acenaphthene-d10	9.998	164	310414	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	563489	20.000	ng	#-0.01
76) Chrysene-d12	14.151	240	405513	20.000	ng	#-0.02
86) Perylene-d12	15.686	264	297862	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1046312	139.280	ng	0.02
7) Phenol-d6	6.575	99	1223099	127.608	ng	0.00
23) Nitrobenzene-d5	7.510	82	929351	85.951	ng	-0.02
42) 2,4,6-Tribromophenol	10.798	330	432252	165.516	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1679896	78.732	ng	-0.01
79) Terphenyl-d14	13.098	244	1952714	78.745	ng	0.00
Target Compounds						
31) Naphthalene	8.257	128	232193	7.994	ng	Qvalue 99

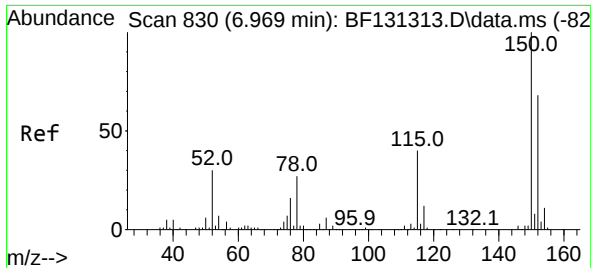
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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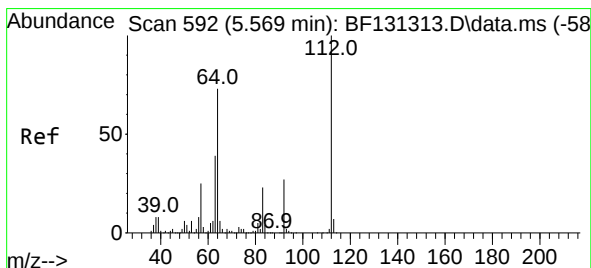
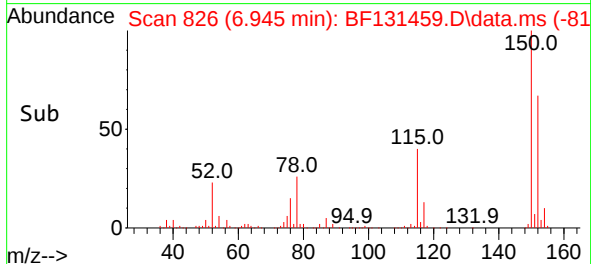
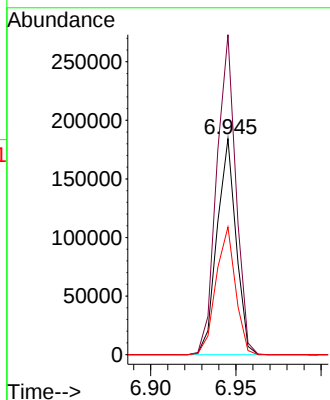
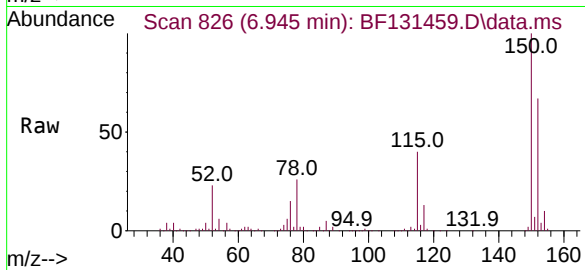




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131459.D
 Acq: 29 Nov 2022 16:32

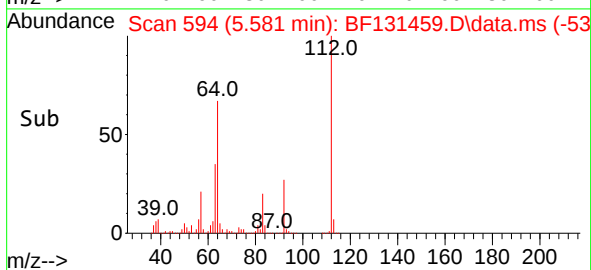
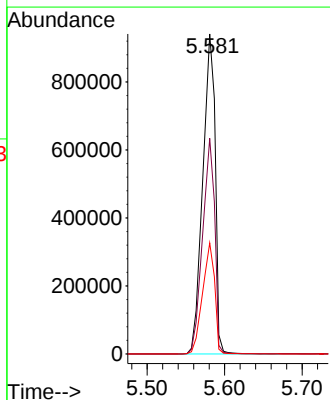
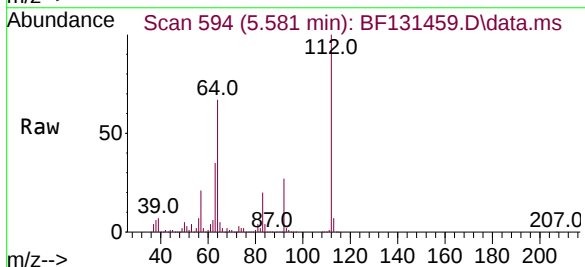
Instrument :
 BNA_F
 ClientSampleId :
 TP-M

Tgt Ion:152 Resp: 142975
 Ion Ratio Lower Upper
 152 100
 150 148.2 117.8 176.8
 115 59.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 139.280 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.023 min
 Lab File: BF131459.D
 Acq: 29 Nov 2022 16:32

Tgt Ion:112 Resp: 1046312
 Ion Ratio Lower Upper
 112 100
 64 67.4 58.6 88.0
 63 34.7 31.4 47.0



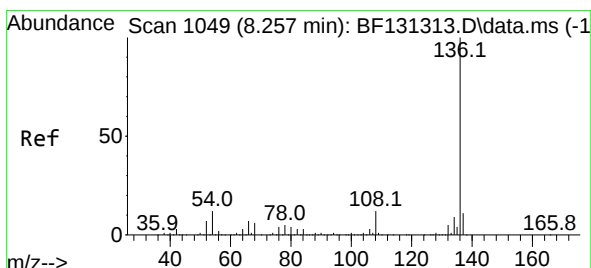
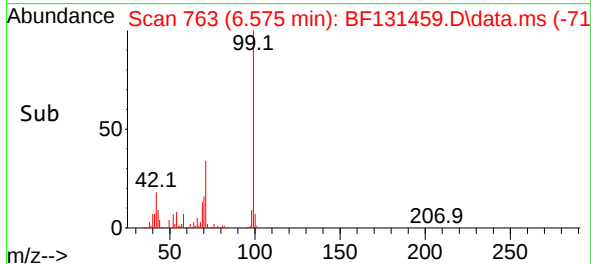
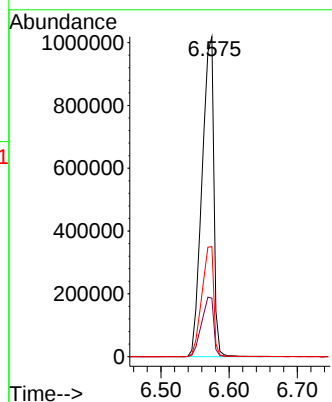
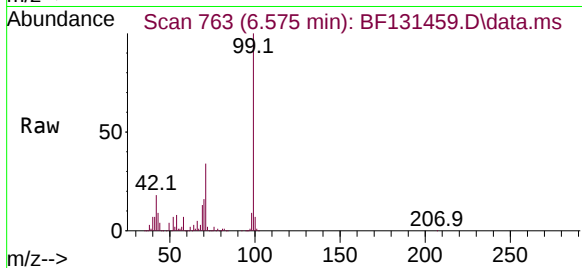


#7
Phenol-d6
Concen: 127.608 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Instrument :
BNA_F
ClientSampleId :
TP-M

Tgt Ion: 99 Resp: 1223099

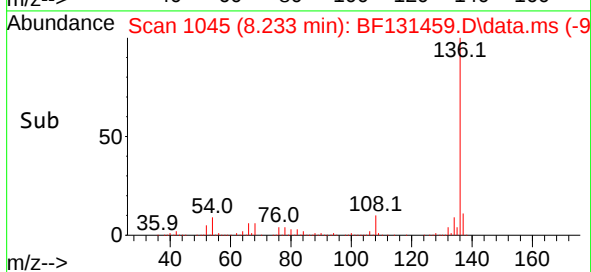
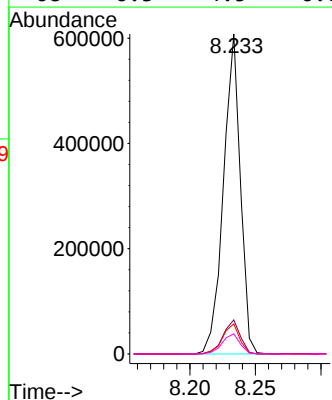
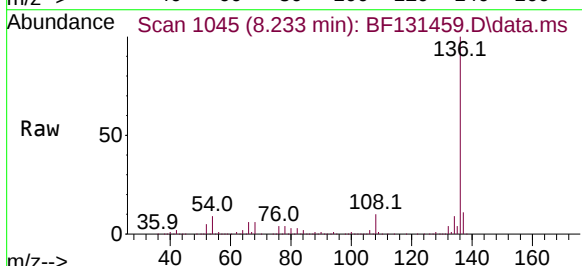
Ion	Ratio	Lower	Upper
99	100		
42	18.3	19.4	29.2#
71	34.4	32.3	48.5

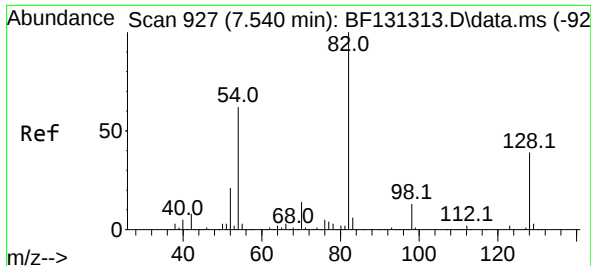


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Tgt Ion:136 Resp: 545049

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	9.4	9.4	14.0#
68	6.3	4.5	6.7





#23

Nitrobenzene-d5

Concen: 85.951 ng

RT: 7.510 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

Instrument :

BNA_F

ClientSampleId :

TP-M

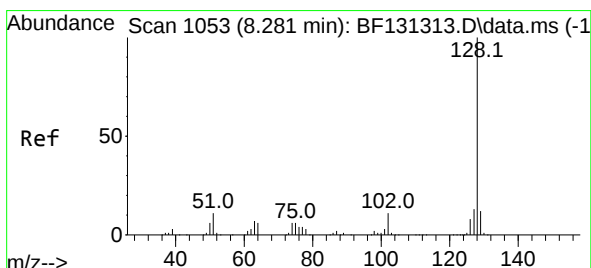
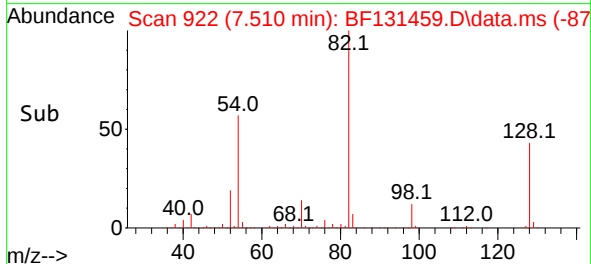
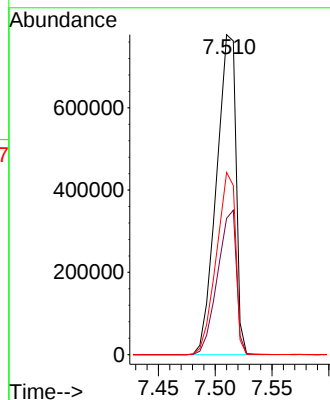
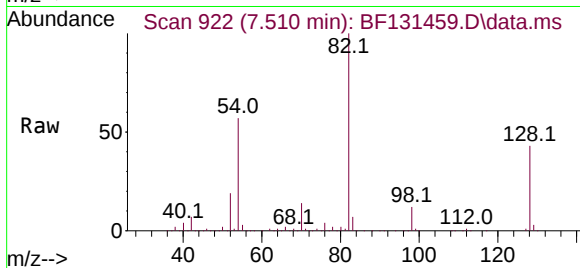
Tgt Ion: 82 Resp: 929351

Ion Ratio Lower Upper

82 100

128 42.6 31.4 47.0

54 56.9 49.8 74.6



#31

Naphthalene

Concen: 7.994 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.012 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

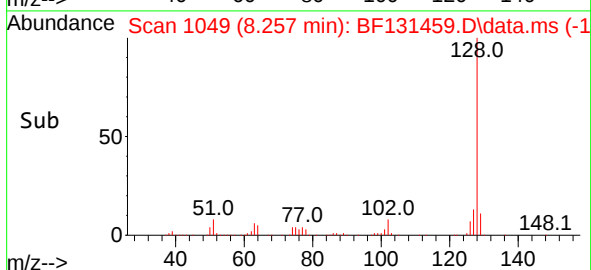
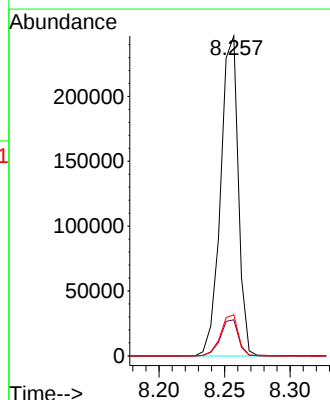
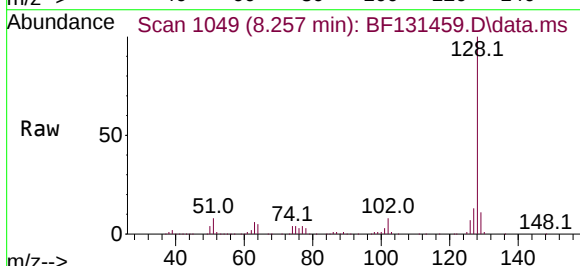
Tgt Ion: 128 Resp: 232193

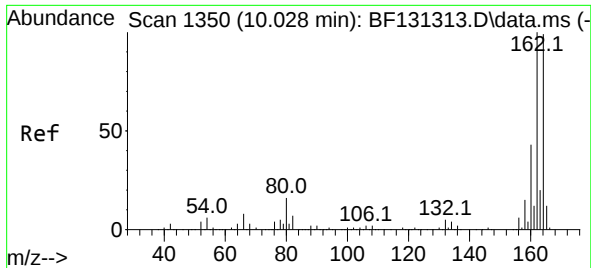
Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

127 12.9 10.6 16.0

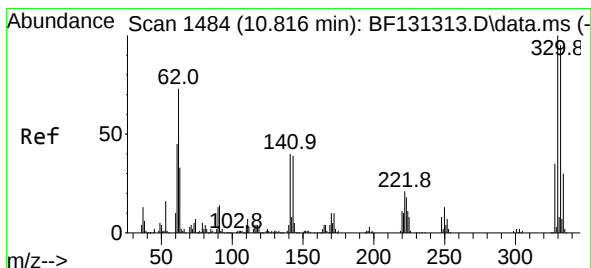
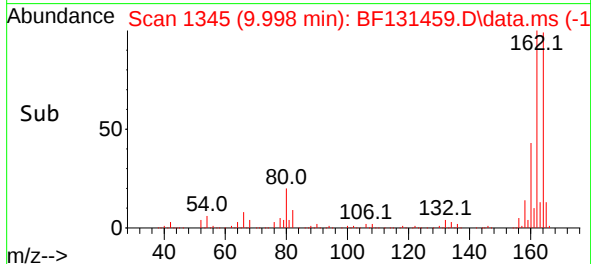
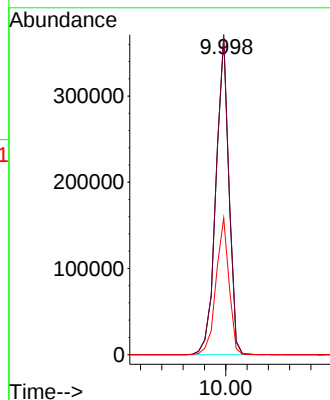
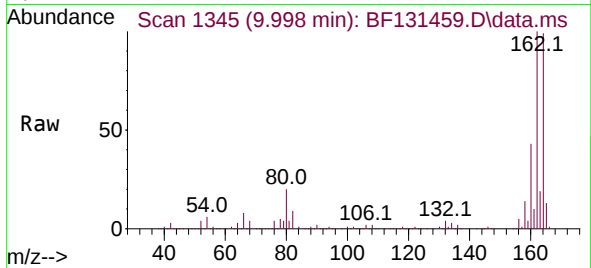




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

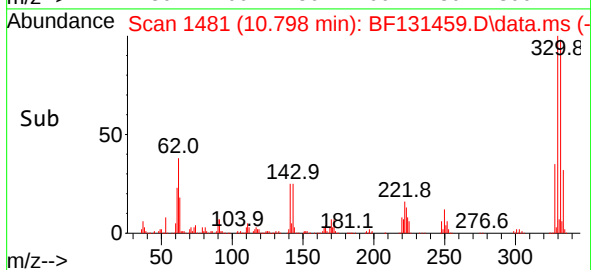
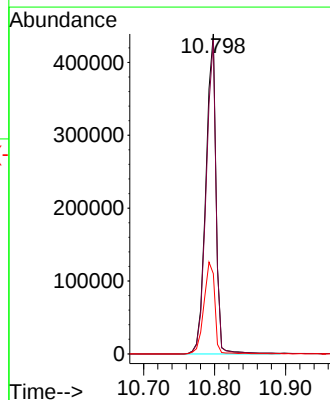
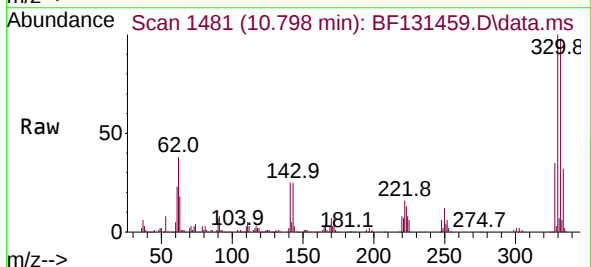
Instrument :
BNA_F
ClientSampleId :
TP-M

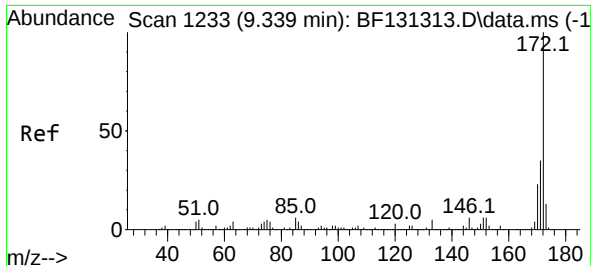
Tgt Ion:164 Resp: 310414
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 43.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 165.516 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Tgt Ion:330 Resp: 432252
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 30.7 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 78.732 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

Instrument :

BNA_F

ClientSampleId :

TP-M

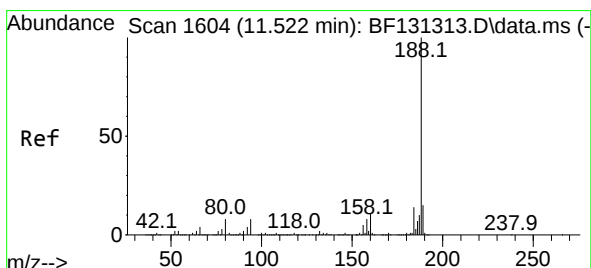
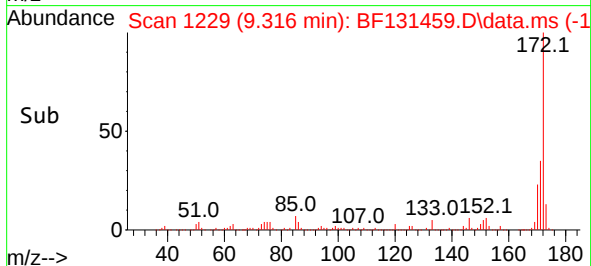
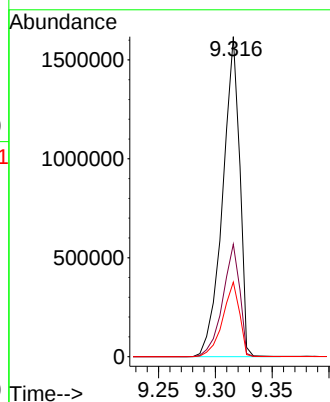
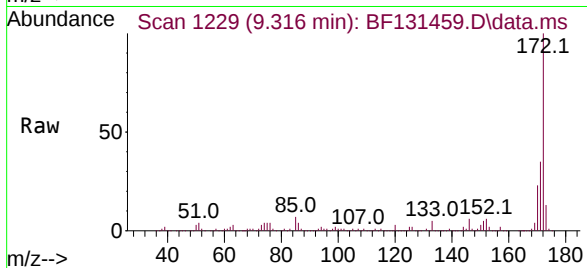
Tgt Ion:172 Resp: 1679896

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.3 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.012 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

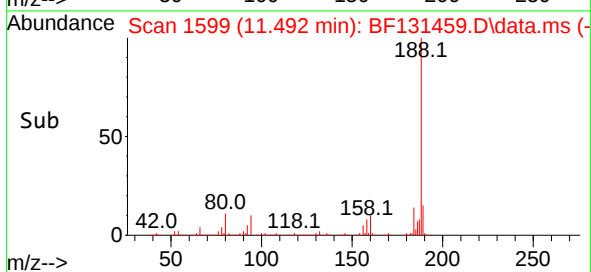
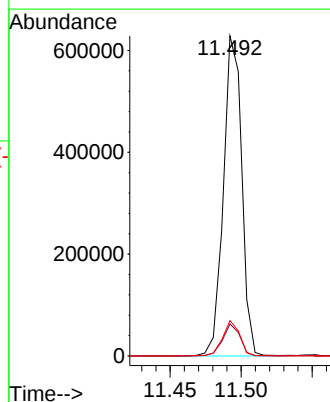
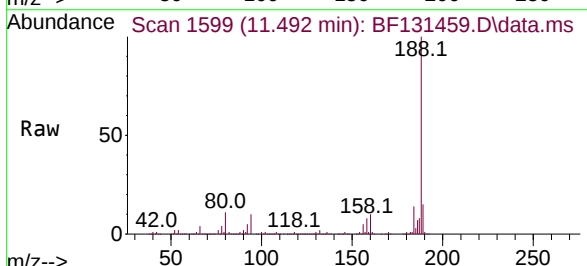
Tgt Ion:188 Resp: 563489

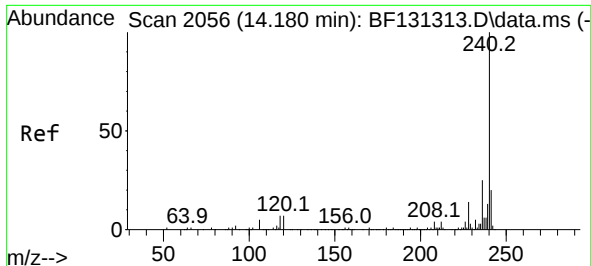
Ion Ratio Lower Upper

188 100

94 10.0 6.3 9.5#

80 11.0 6.8 10.2#

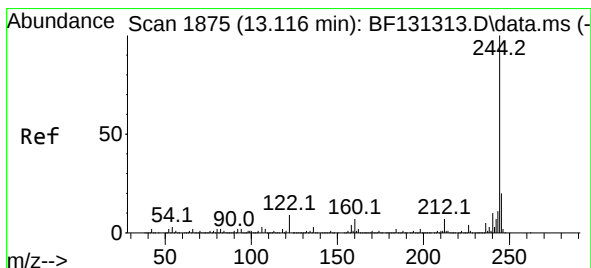
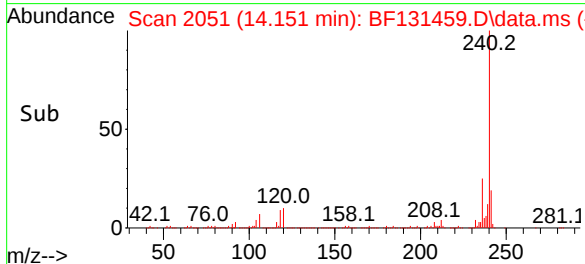
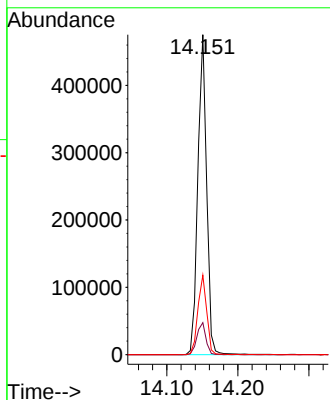
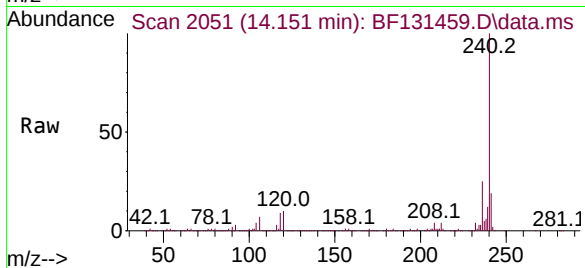




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

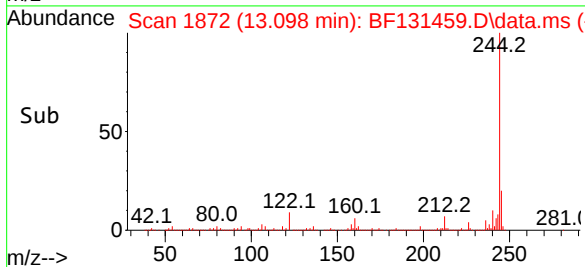
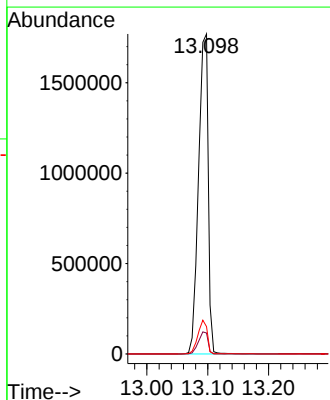
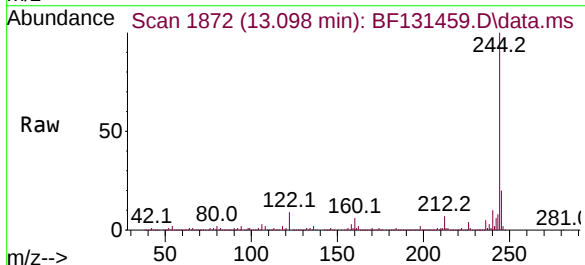
Instrument :
BNA_F
ClientSampleId :
TP-M

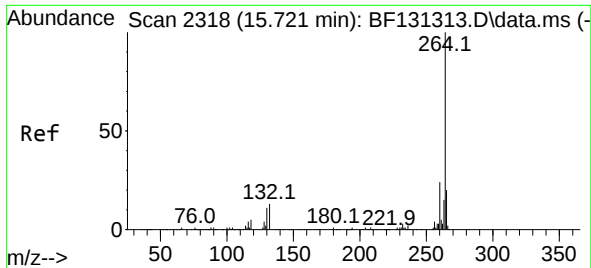
Tgt Ion:240 Resp: 405513
Ion Ratio Lower Upper
240 100
120 10.0 5.8 8.8#
236 24.8 20.3 30.5



#79
Terphenyl-d14
Concen: 78.745 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

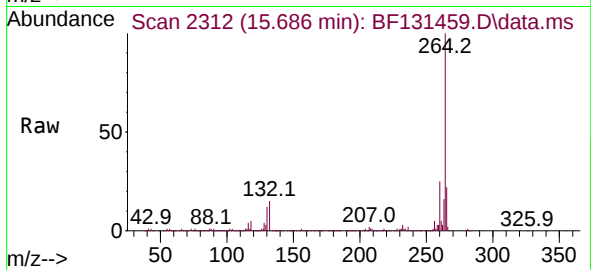
Tgt Ion:244 Resp: 1952714
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.5 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2318
 Delta R.T. -0.012 min
 Lab File: BF131459.D
 Acq: 29 Nov 2022 16:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-M



Tgt Ion:264 Resp: 297862
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.4
 265 22.0 16.4 24.6

