

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131325.D
 Acq On : 22 Nov 2022 11:59
 Operator : CG\JU
 Sample : PB149062BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149062BL

Quant Time: Nov 23 03:24:30 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 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	112744	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	417325	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	249877	20.000	ng	-0.01
64) Phenanthrene-d10	11.516	188	492172	20.000	ng	0.00
76) Chrysene-d12	14.174	240	360322	20.000	ng	0.00
86) Perylene-d12	15.710	264	261817	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	807378	136.292	ng	0.01
7) Phenol-d6	6.581	99	1002384	132.622	ng	0.00
23) Nitrobenzene-d5	7.534	82	685403	82.790	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	313537	149.145	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1330038	77.437	ng	0.00
79) Terphenyl-d14	13.116	244	1759580	79.856	ng	0.00

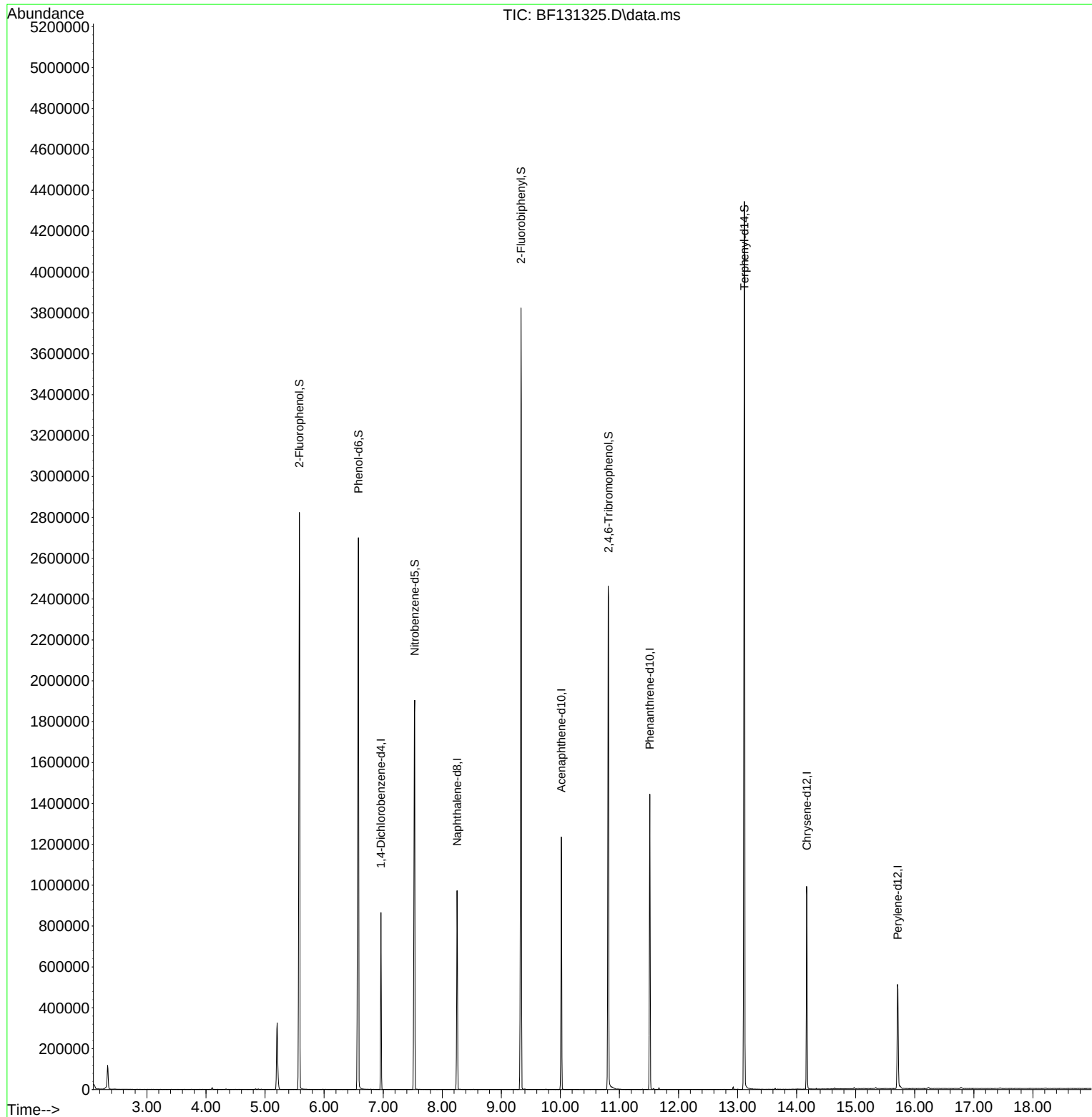
Target Compounds	Qvalue

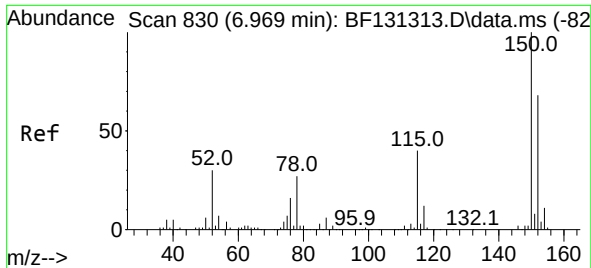
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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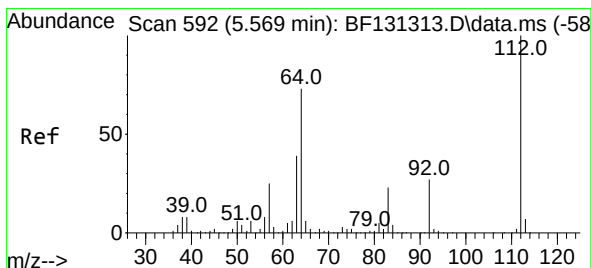
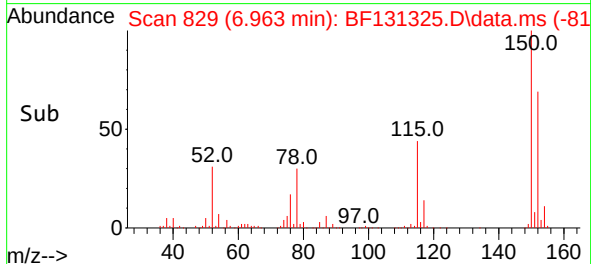
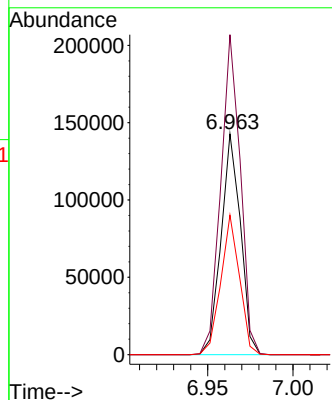
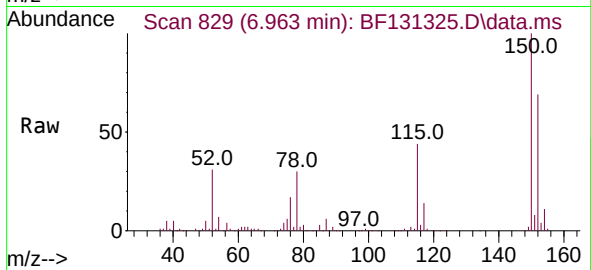




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

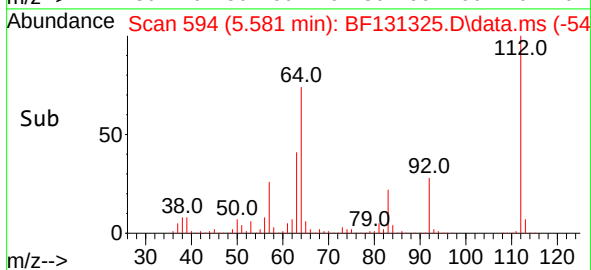
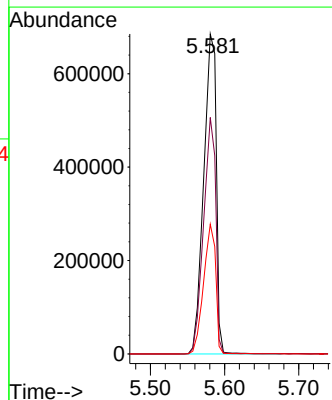
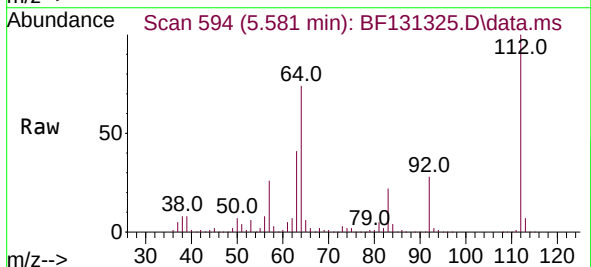
Instrument :
BNA_F
ClientSampleId :
PB149062BL

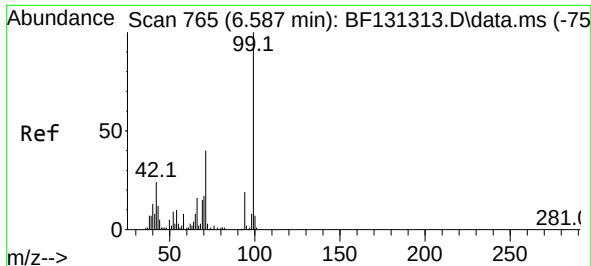
Tgt Ion:152 Resp: 112744
Ion Ratio Lower Upper
152 100
150 145.0 117.8 176.8
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 136.292 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

Tgt Ion:112 Resp: 807378
Ion Ratio Lower Upper
112 100
64 73.9 58.6 88.0
63 40.5 31.4 47.0

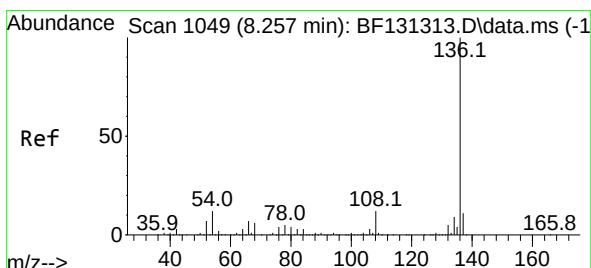
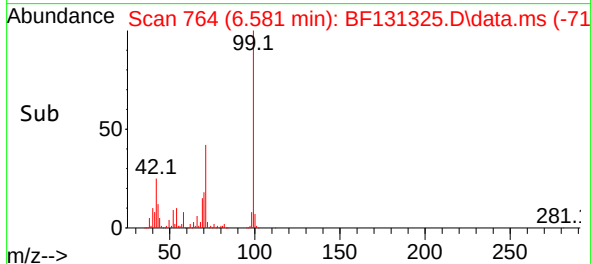
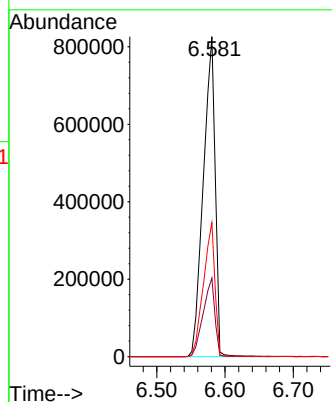
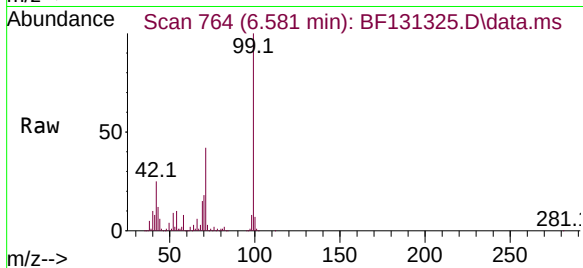




#7
Phenol-d6
Concen: 132.622 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

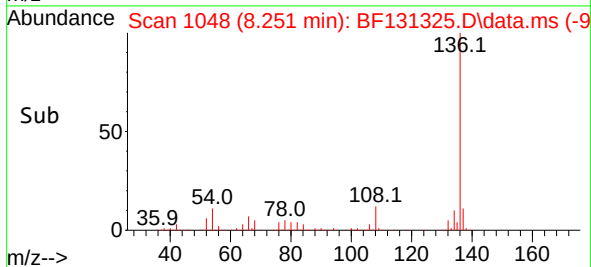
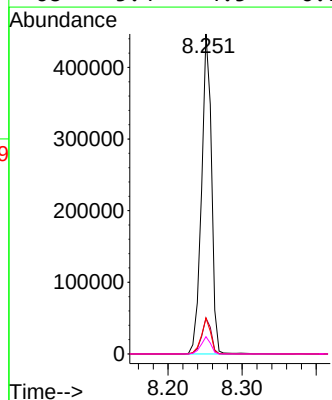
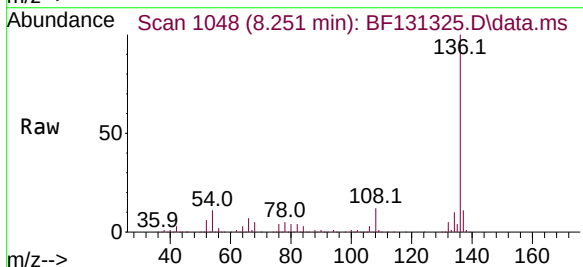
Instrument :
BNA_F
ClientSampleId :
PB149062BL

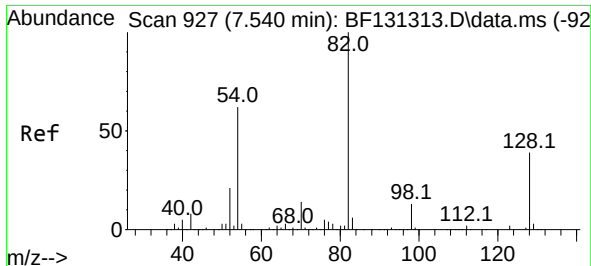
Tgt Ion: 99 Resp: 1002384
Ion Ratio Lower Upper
99 100
42 24.5 19.4 29.2
71 41.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

Tgt Ion: 136 Resp: 417325
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 11.2 9.4 14.0
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 82.790 ng

RT: 7.534 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131325.D

Acq: 22 Nov 2022 11:59

Instrument :

BNA_F

ClientSampleId :

PB149062BL

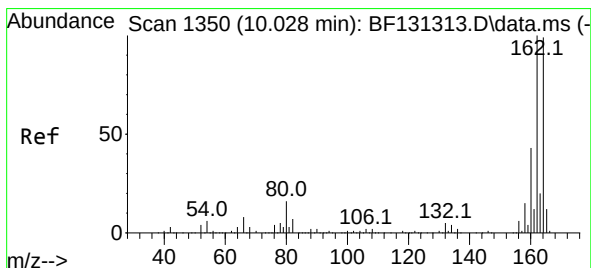
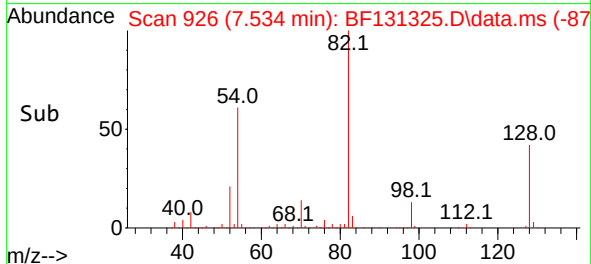
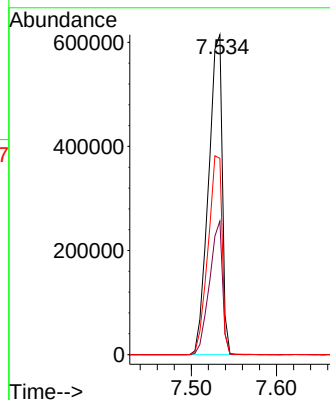
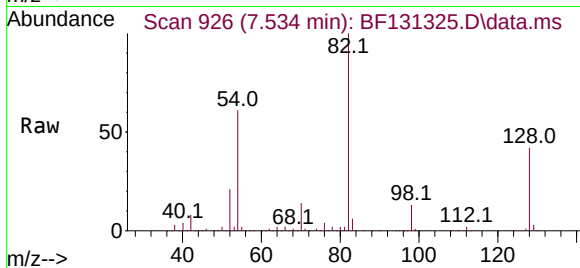
Tgt Ion: 82 Resp: 685403

Ion Ratio Lower Upper

82 100

128 41.7 31.4 47.0

54 61.3 49.8 74.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1348

Delta R.T. -0.012 min

Lab File: BF131325.D

Acq: 22 Nov 2022 11:59

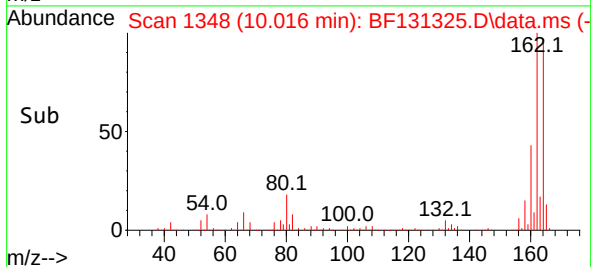
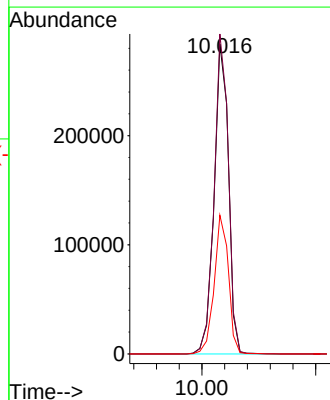
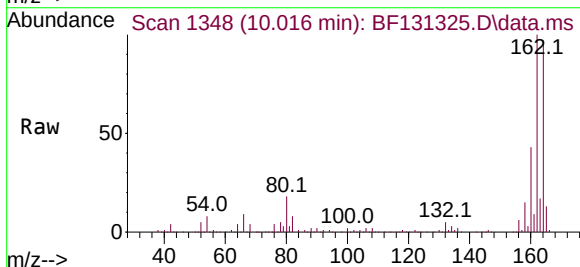
Tgt Ion:164 Resp: 249877

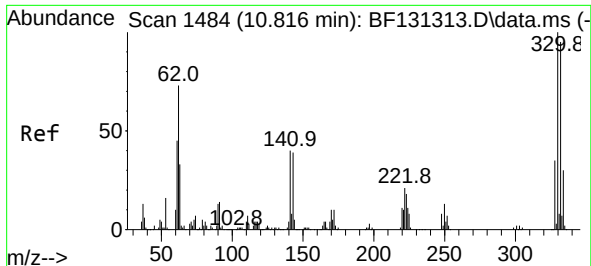
Ion Ratio Lower Upper

164 100

162 103.3 80.6 120.8

160 44.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 149.145 ng

RT: 10.816 min Scan# 1484

Delta R.T. -0.000 min

Lab File: BF131325.D

Acq: 22 Nov 2022 11:59

Instrument :

BNA_F

ClientSampleId :

PB149062BL

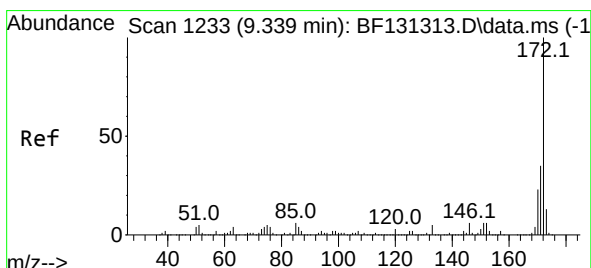
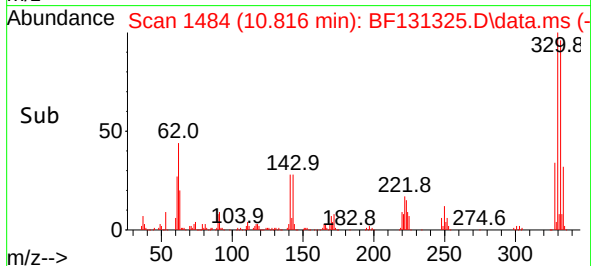
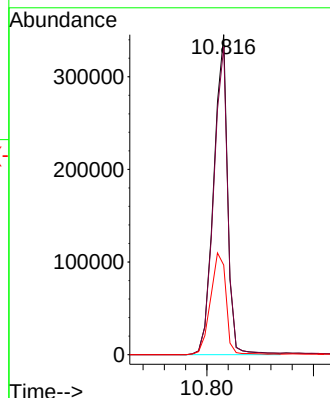
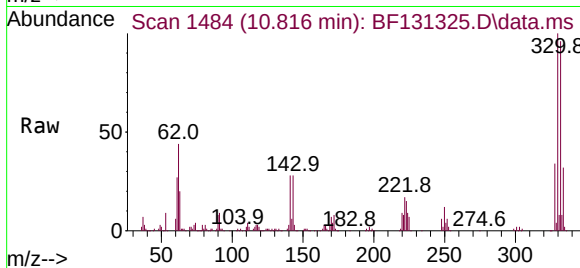
Tgt Ion:330 Resp: 313537

Ion Ratio Lower Upper

330 100

332 99.0 77.5 116.3

141 35.5 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 77.437 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131325.D

Acq: 22 Nov 2022 11:59

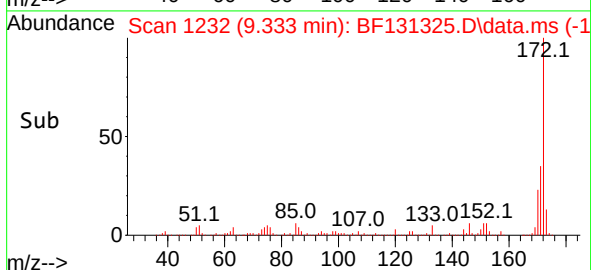
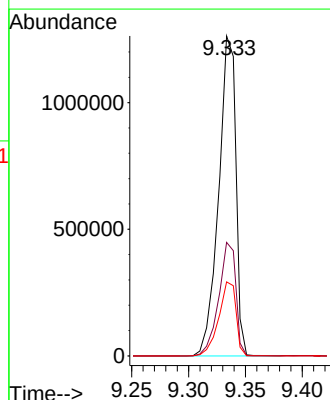
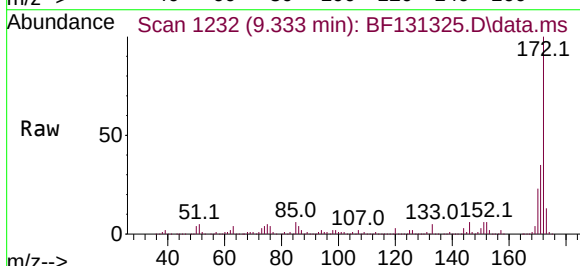
Tgt Ion:172 Resp: 1330038

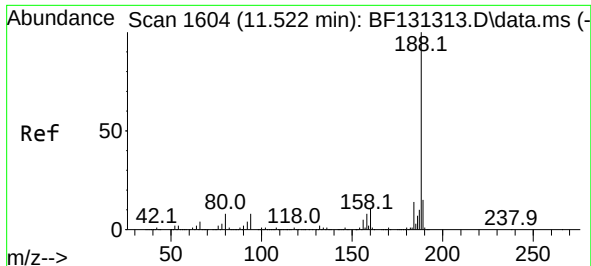
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.1 18.7 28.1

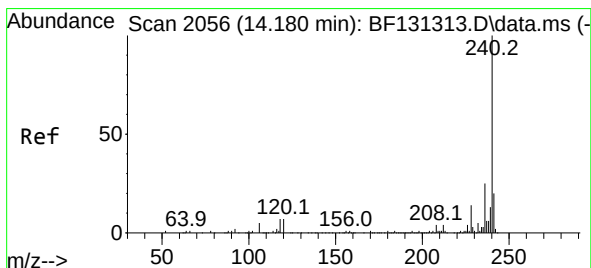
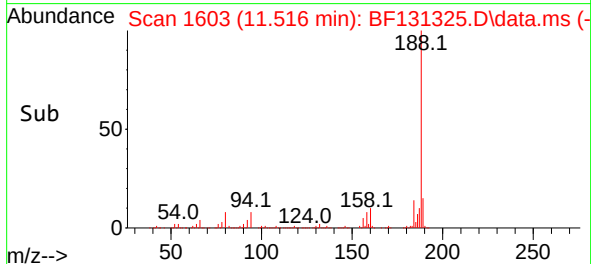
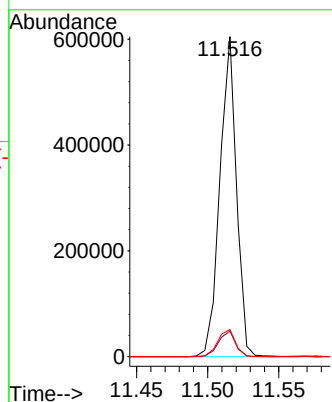
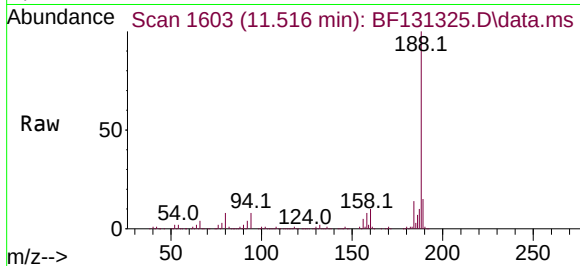




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

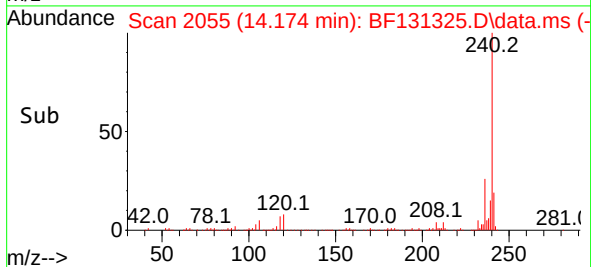
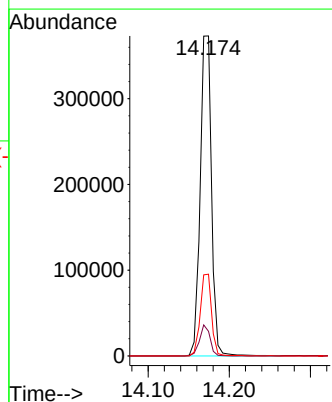
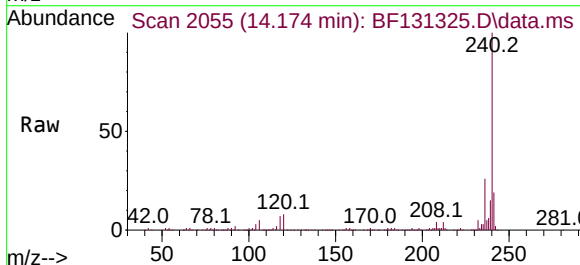
Instrument :
BNA_F
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PB149062BL

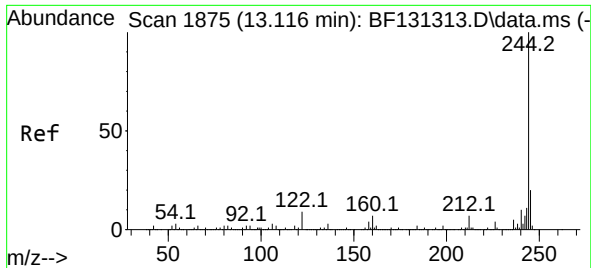
Tgt Ion:188 Resp: 492172
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

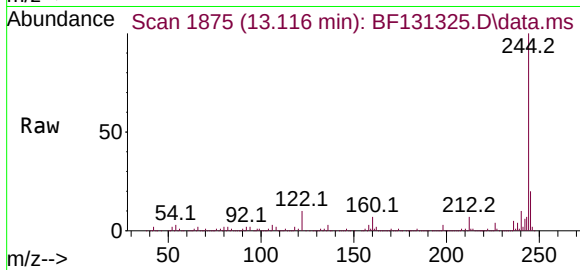
Tgt Ion:240 Resp: 360322
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 25.5 20.3 30.5



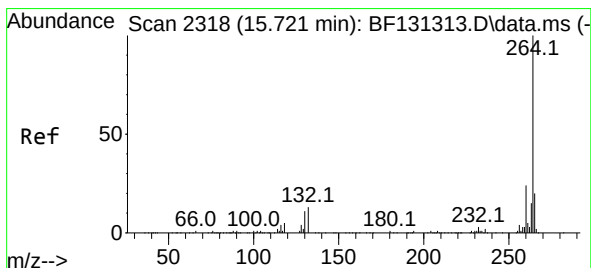
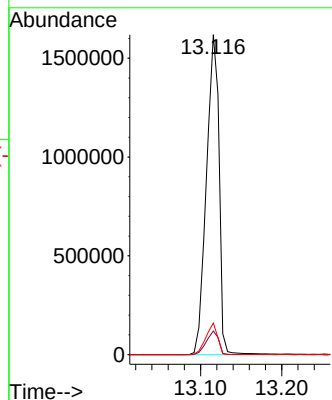
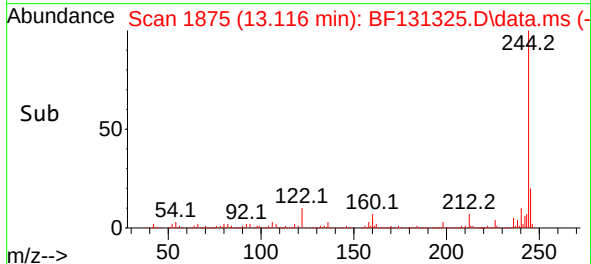


#79
 Terphenyl-d14
 Concen: 79.856 ng
 RT: 13.116 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131325.D
 Acq: 22 Nov 2022 11:59

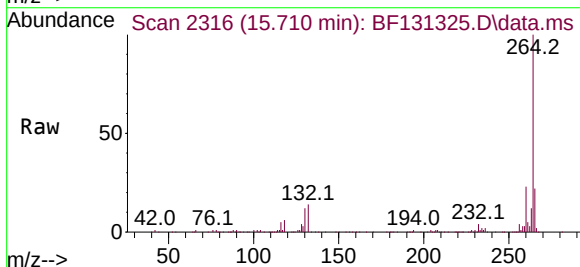
Instrument :
 BNA_F
 ClientSampleId :
 PB149062BL



Tgt Ion:244 Resp: 1759580
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.710 min Scan# 2316
 Delta R.T. -0.012 min
 Lab File: BF131325.D
 Acq: 22 Nov 2022 11:59



Tgt Ion:264 Resp: 261817
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.6 16.4 24.6

