

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131915.D
 Acq On : 05 Jan 2023 15:08
 Operator : CG\JU
 Sample : PB150045BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150045BL

Quant Time: Jan 06 03:10:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	76367	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	280478	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	167958	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	332232	20.000	ng	0.00
76) Chrysene-d12	14.004	240	246934	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	171681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	635610	137.932	ng	0.02
7) Phenol-d6	6.439	99	824207	136.137	ng	0.00
23) Nitrobenzene-d5	7.375	82	563405	80.200	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	231953	127.107	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	993830	81.049	ng	0.00
79) Terphenyl-d14	12.945	244	1286496	88.126	ng	0.00

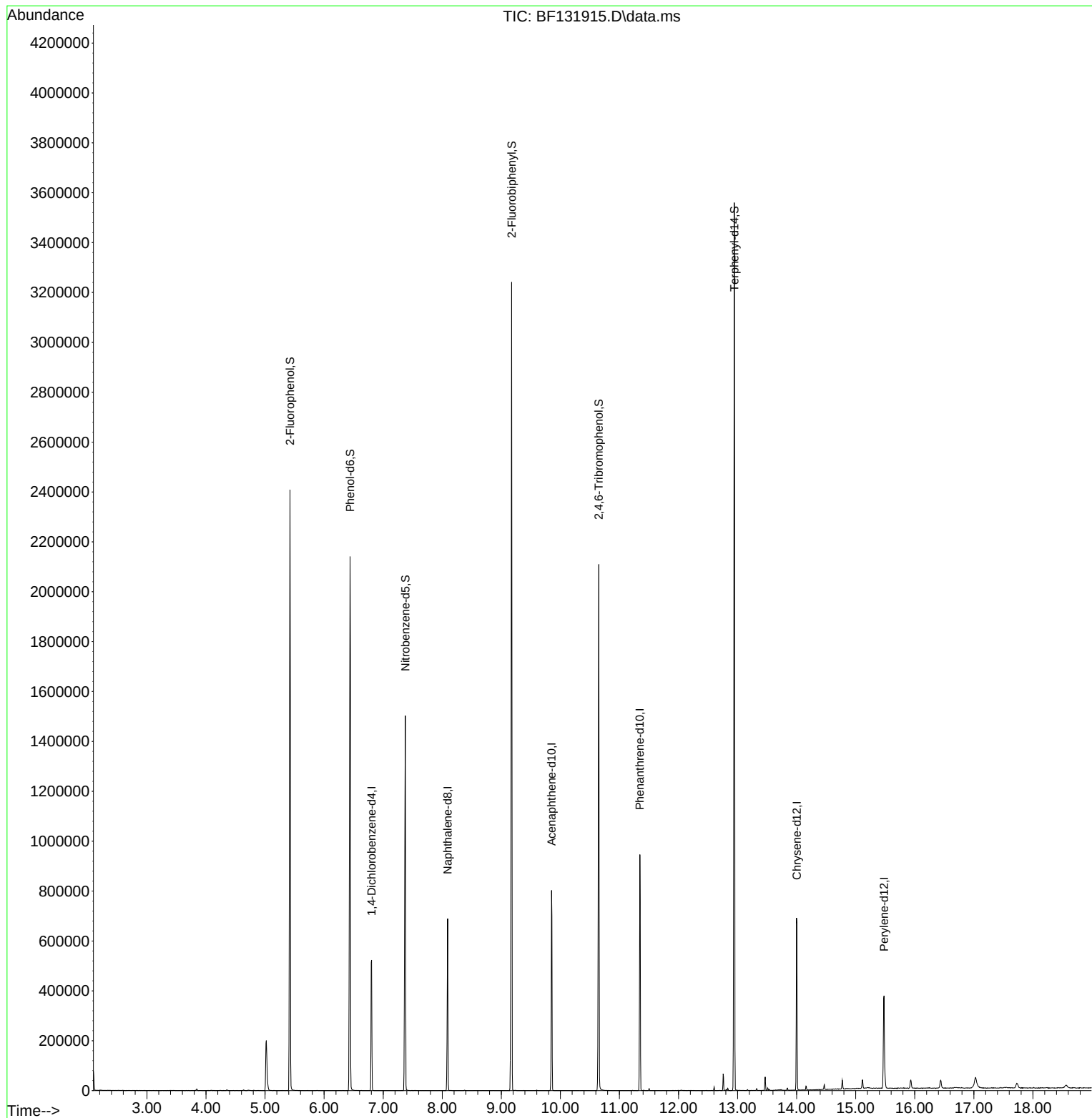
Target Compounds	Qvalue

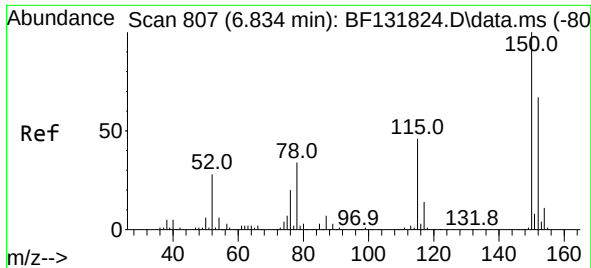
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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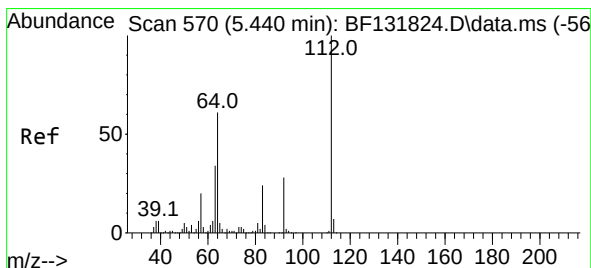
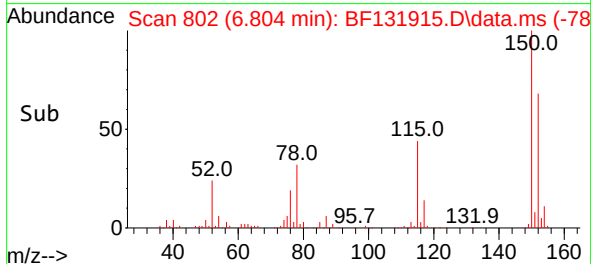
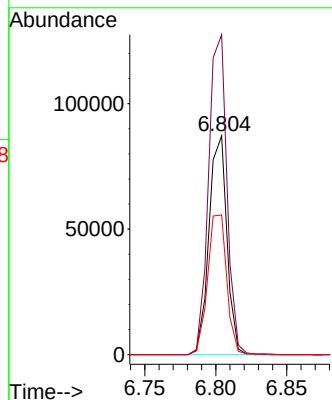
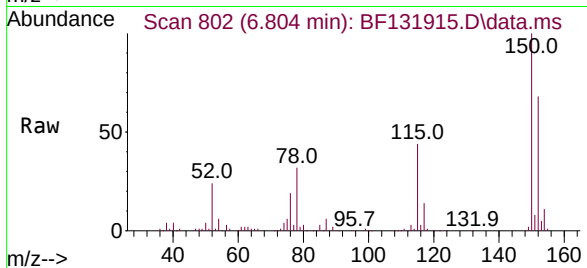




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 807
 Delta R.T. 0.000 min
 Lab File: BF131915.D
 Acq: 05 Jan 2023 15:08

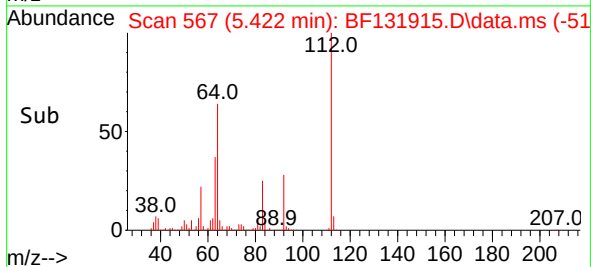
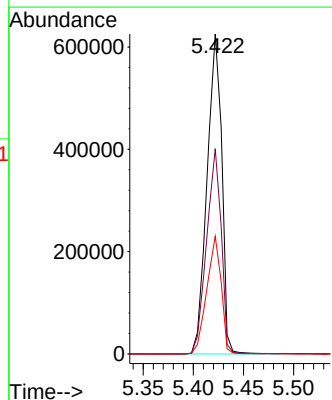
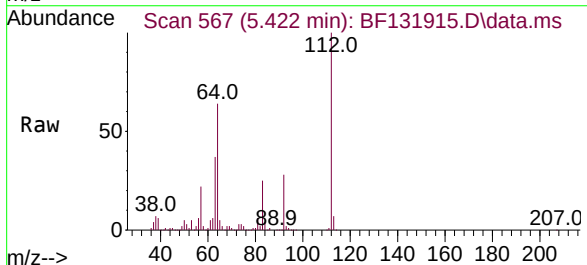
Instrument :
 BNA_F
 ClientSampleId :
 PB150045BL

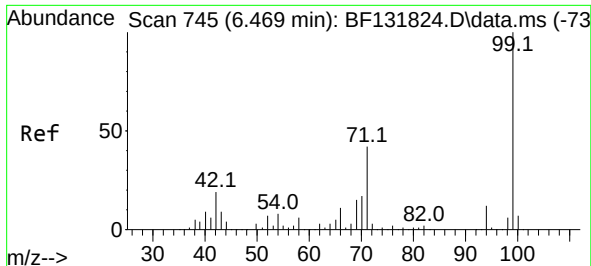
Tgt Ion:152 Resp: 76367
 Ion Ratio Lower Upper
 152 100
 150 146.2 120.0 180.0
 115 63.8 55.1 82.7



#5
 2-Fluorophenol
 Concen: 137.932 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF131915.D
 Acq: 05 Jan 2023 15:08

Tgt Ion:112 Resp: 635610
 Ion Ratio Lower Upper
 112 100
 64 64.1 49.2 73.8
 63 36.8 27.5 41.3

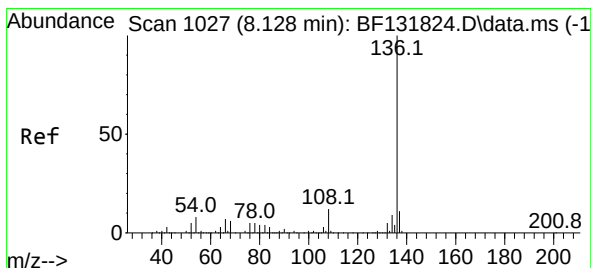
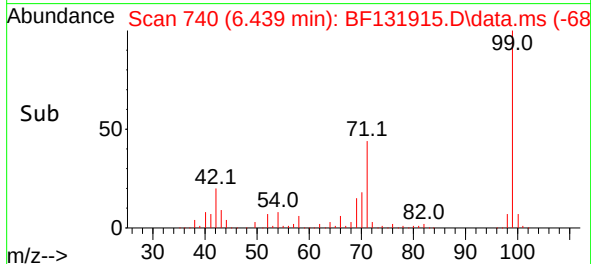
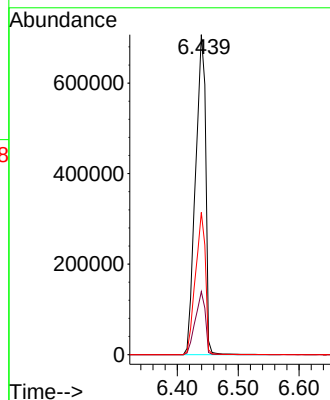
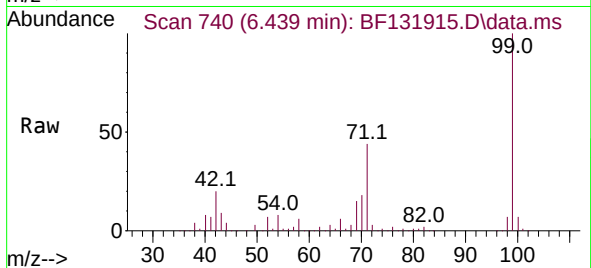




#7
Phenol-d6
Concen: 136.137 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

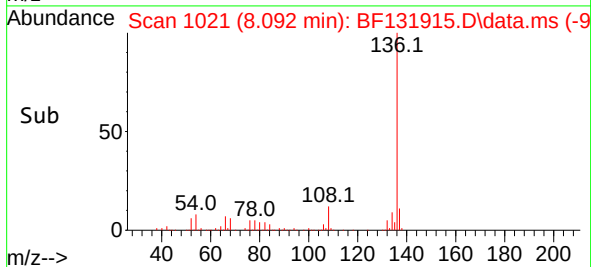
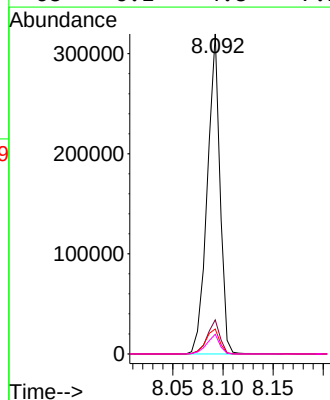
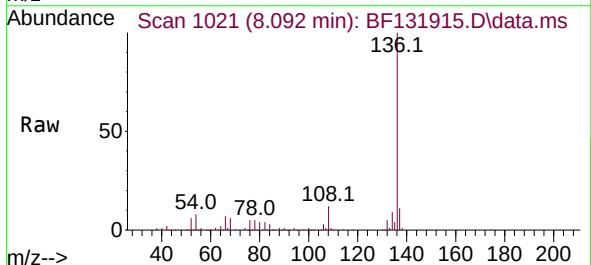
Instrument :
BNA_F
ClientSampleId :
PB150045BL

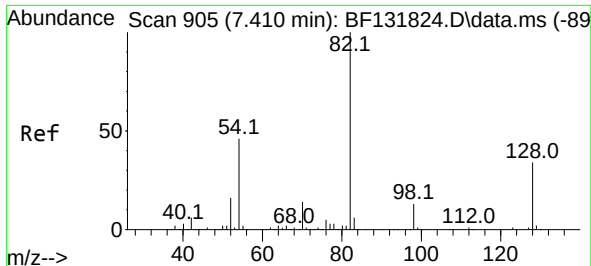
Tgt Ion: 99 Resp: 824207
Ion Ratio Lower Upper
99 100
42 19.7 15.3 22.9
71 44.4 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

Tgt Ion: 136 Resp: 280478
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.8 6.7 10.1
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 80.200 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

Instrument :

BNA_F

ClientSampleId :

PB150045BL

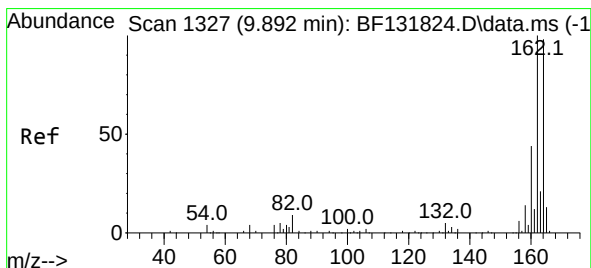
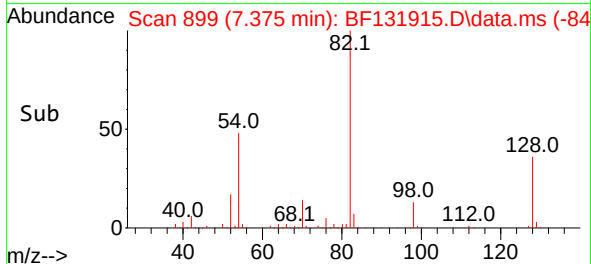
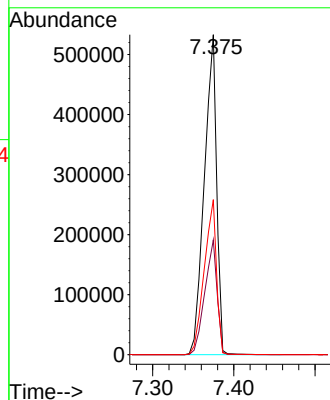
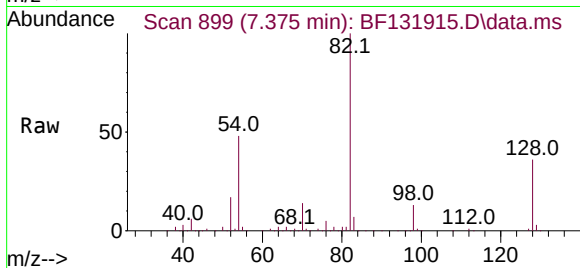
Tgt Ion: 82 Resp: 563405

Ion Ratio Lower Upper

82 100

128 35.8 27.1 40.7

54 48.4 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

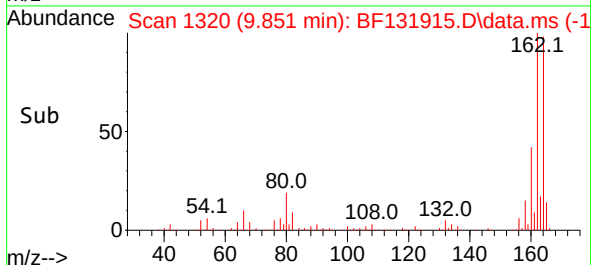
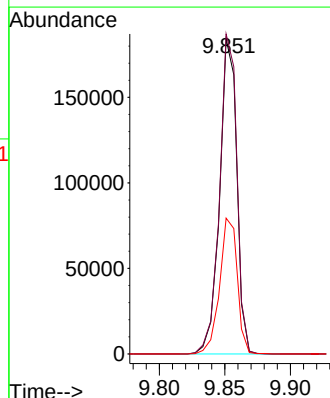
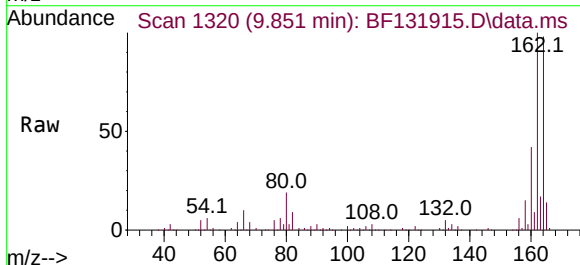
Tgt Ion:164 Resp: 167958

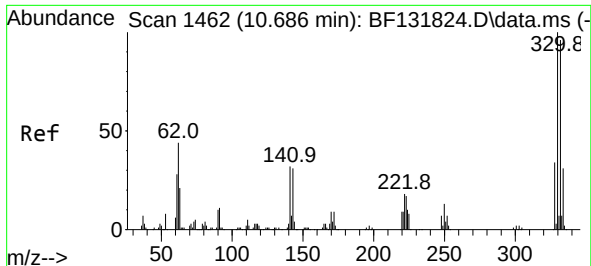
Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

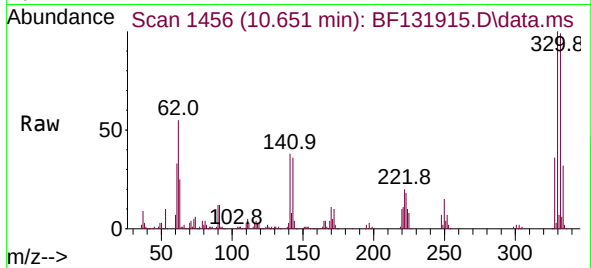
160 43.1 35.7 53.5



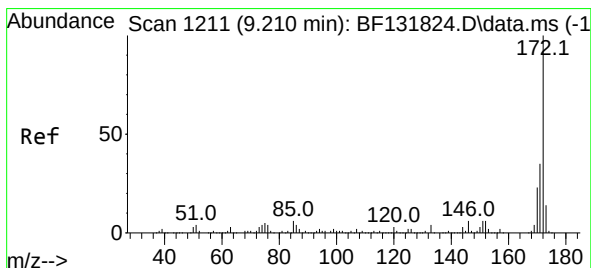
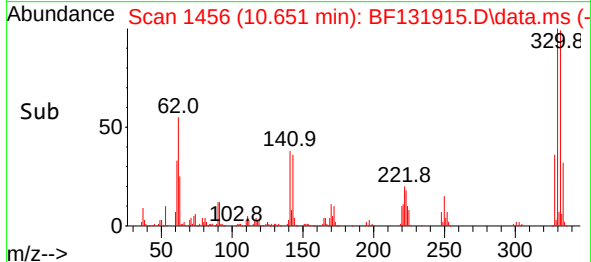
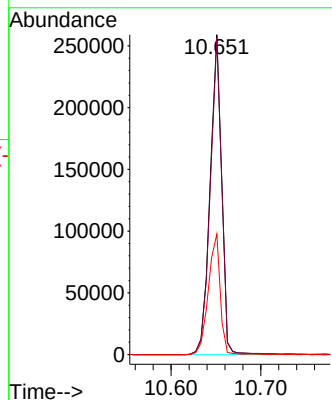


#42
2,4,6-Tribromophenol
Concen: 127.107 ng
RT: 10.651 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

Instrument :
BNA_F
ClientSampleId :
PB150045BL

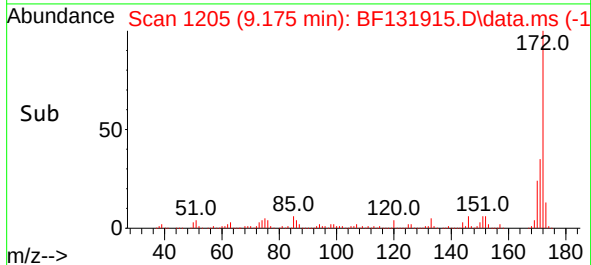
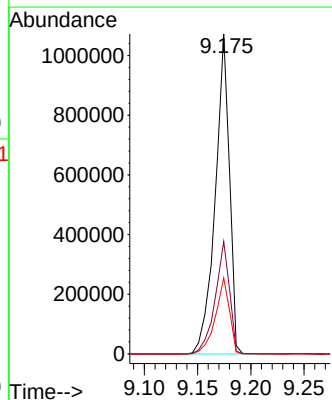
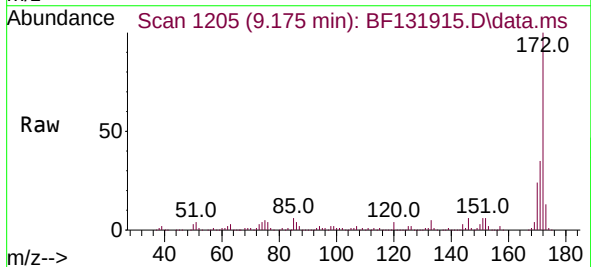


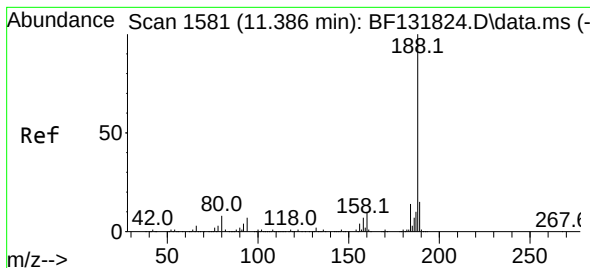
Tgt Ion:330 Resp: 231953
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.4
141 38.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 81.049 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

Tgt Ion:172 Resp: 993830
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

Instrument :

BNA_F

ClientSampleId :

PB150045BL

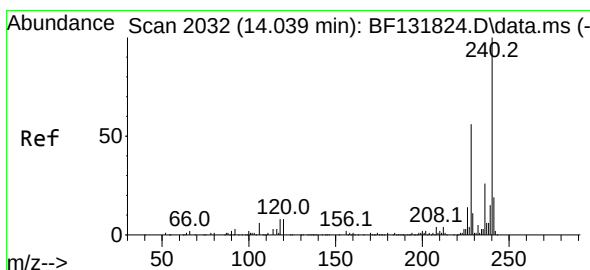
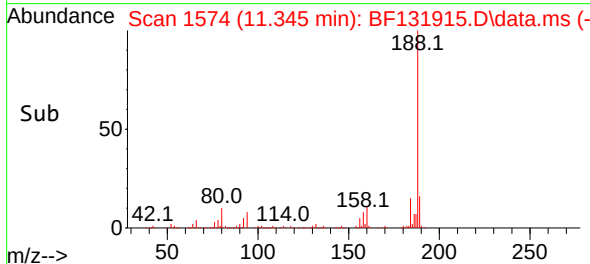
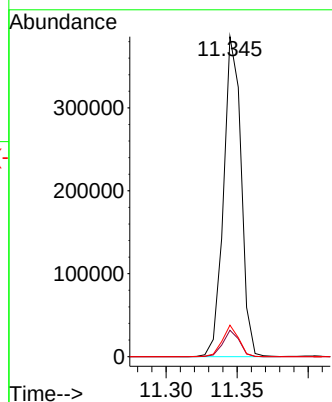
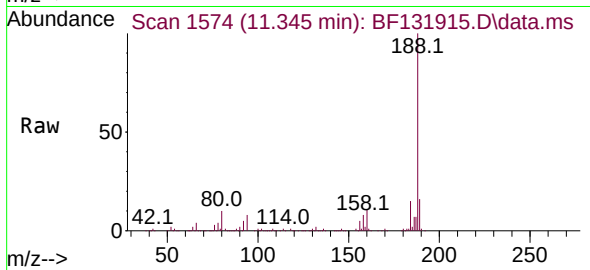
Tgt Ion:188 Resp: 332232

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

80 9.8 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

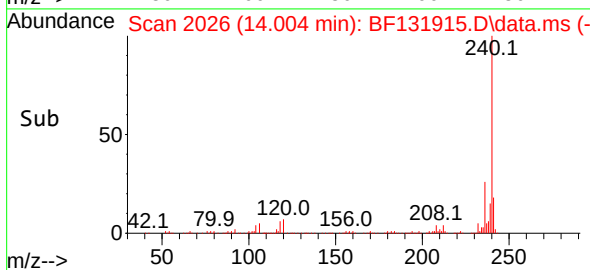
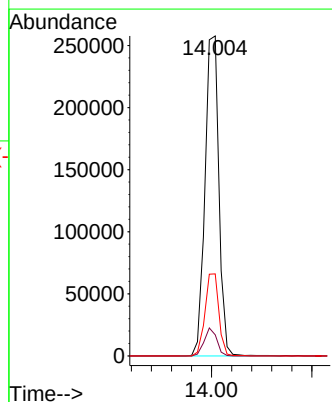
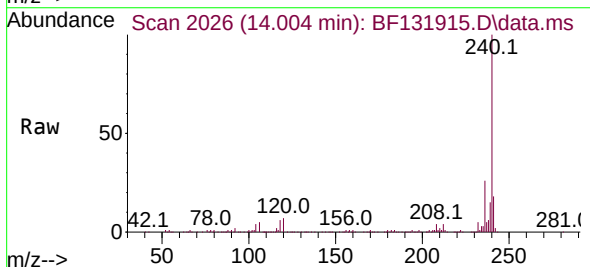
Tgt Ion:240 Resp: 246934

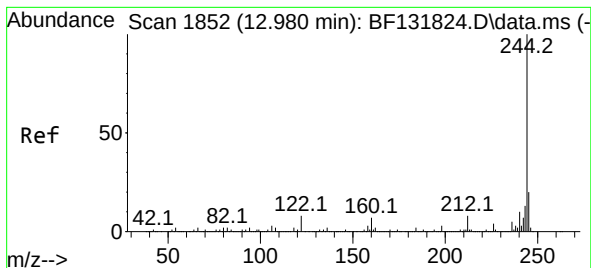
Ion Ratio Lower Upper

240 100

120 6.6 6.7 10.1#

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 88.126 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.000 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

Instrument :

BNA_F

ClientSampleId :

PB150045BL

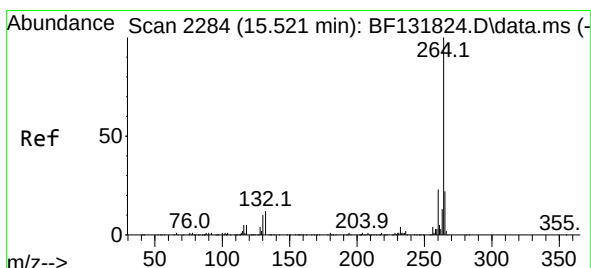
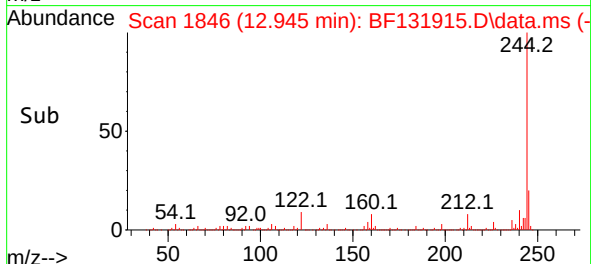
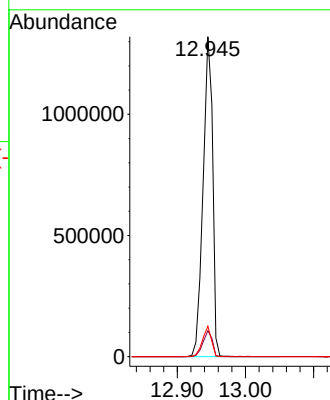
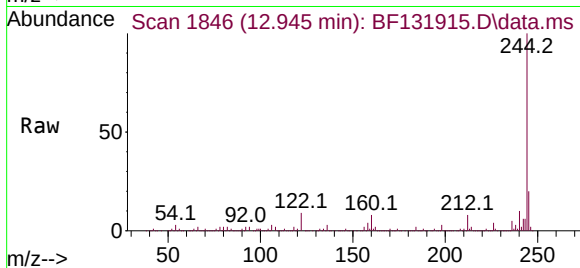
Tgt Ion:244 Resp: 1286496

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 9.5 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

Tgt Ion:264 Resp: 171681

Ion Ratio Lower Upper

264 100

260 24.8 18.6 28.0

265 21.4 17.4 26.0

