

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131946.D
 Acq On : 06 Jan 2023 17:57
 Operator : CG\JU
 Sample : 01027-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-1-4-2023

Quant Time: Jan 07 00:23:21 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 23:58:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	58011	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	203129	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	101771	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	166927	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	137775	20.000	ng	0.00
86) Perylene-d12	15.468	264	103774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	498028	142.273	ng	0.02
7) Phenol-d6	6.439	99	580262	126.171	ng	0.00
23) Nitrobenzene-d5	7.369	82	474159	93.197	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	123501	111.690	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	797550	107.342	ng	0.00
79) Terphenyl-d14	12.939	244	758462	93.119	ng	0.00

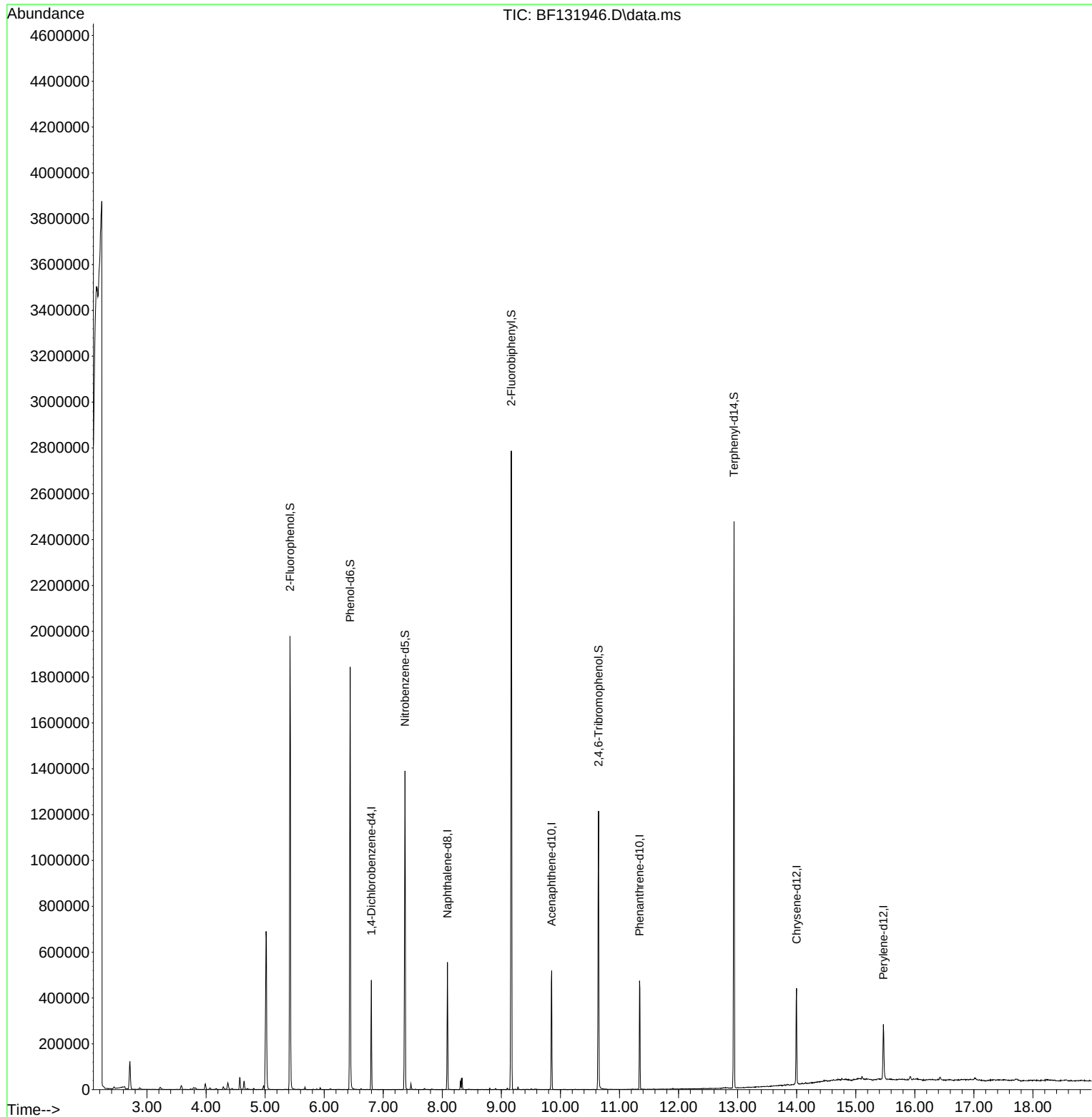
Target Compounds	Qvalue

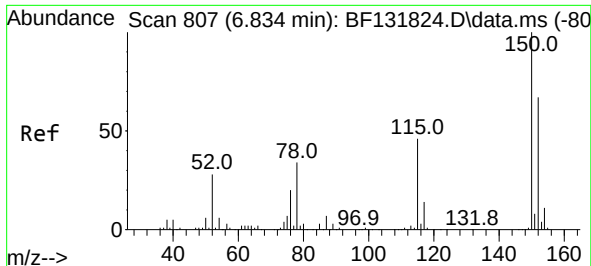
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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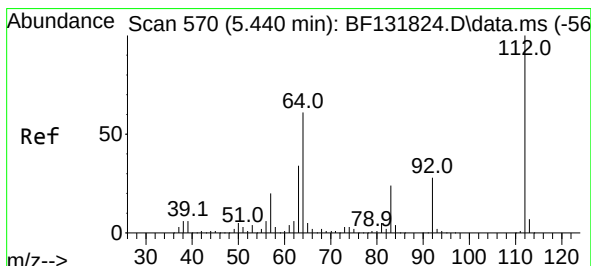
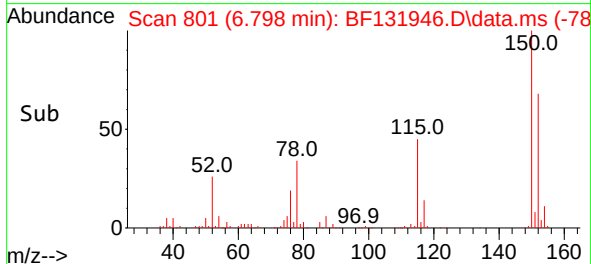
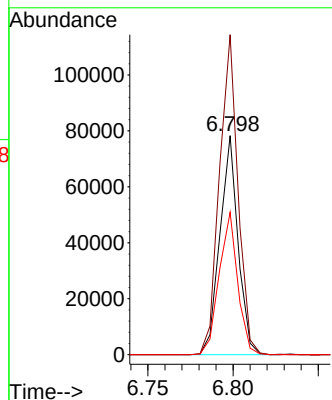
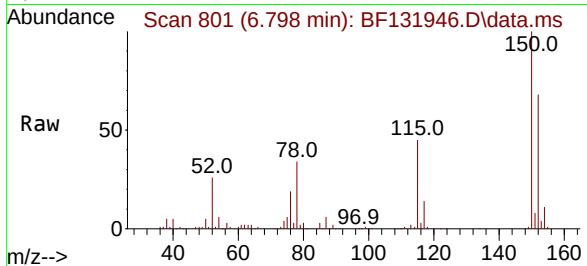




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

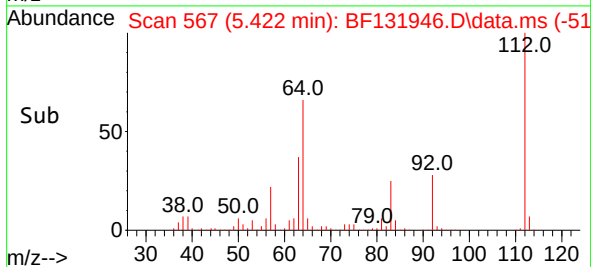
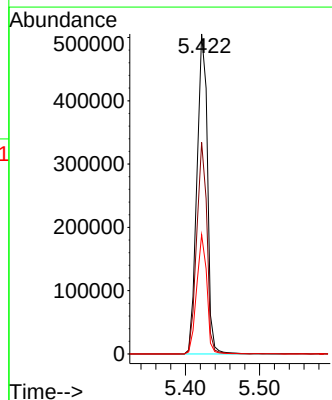
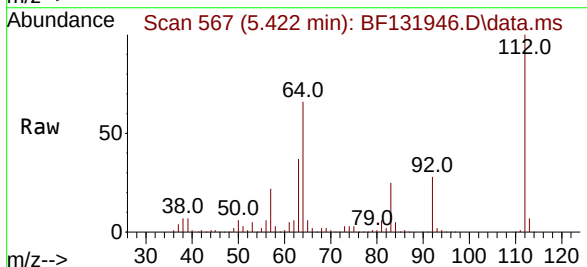
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

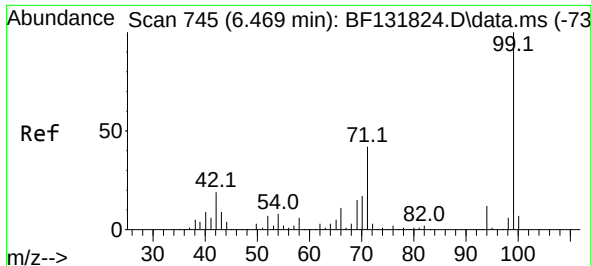
Tgt Ion:152 Resp: 58011
Ion Ratio Lower Upper
152 100
150 146.1 120.0 180.0
115 65.0 55.1 82.7



#5
2-Fluorophenol
Concen: 142.273 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.023 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

Tgt Ion:112 Resp: 498028
Ion Ratio Lower Upper
112 100
64 66.1 49.2 73.8
63 37.2 27.5 41.3

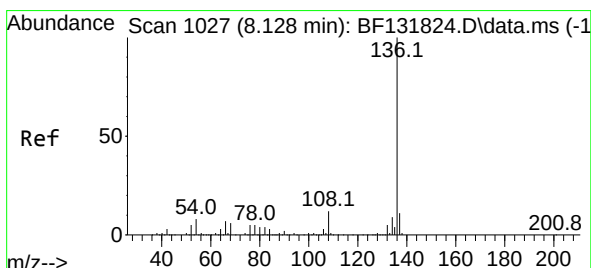
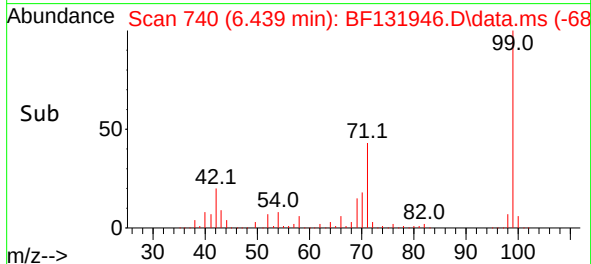
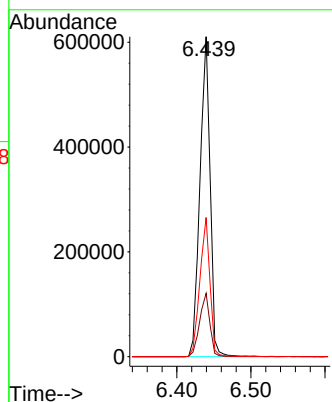
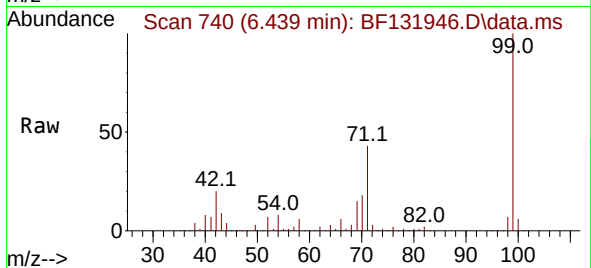




#7
Phenol-d6
Concen: 126.171 ng
RT: 6.439 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

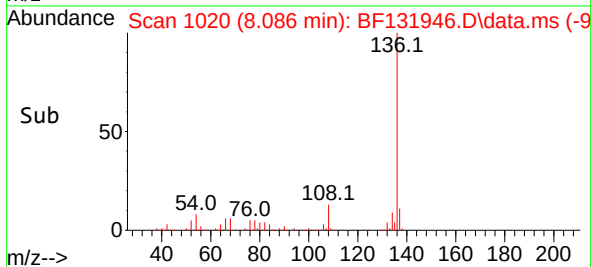
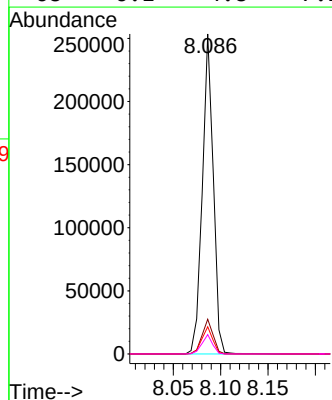
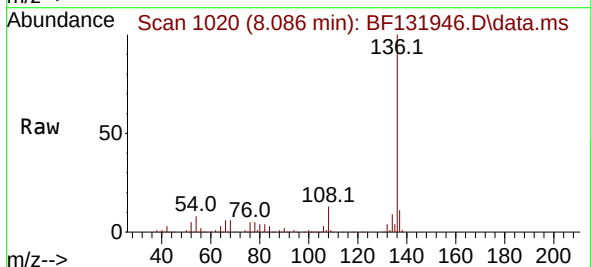
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

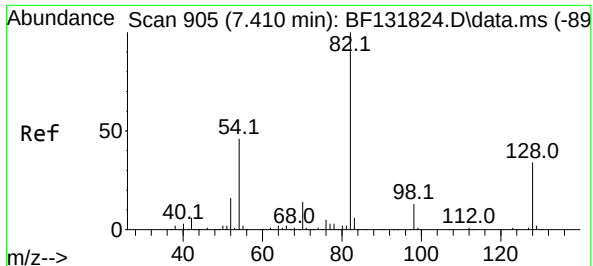
Tgt Ion: 99 Resp: 580262
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.5 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

Tgt Ion: 136 Resp: 203129
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.5 6.7 10.1
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.197 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Instrument :

BNA_F

ClientSampleId :

COMP-1-1-4-2023

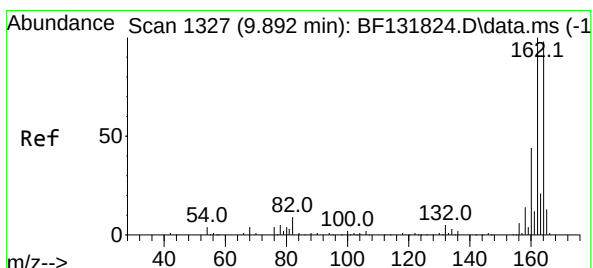
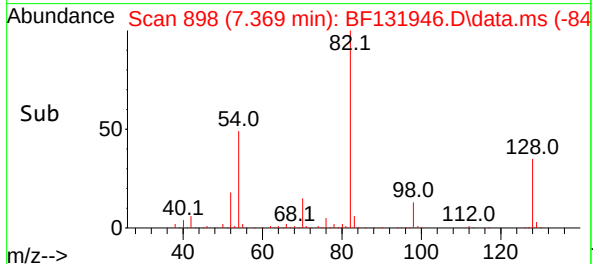
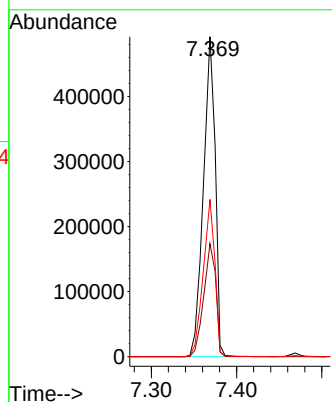
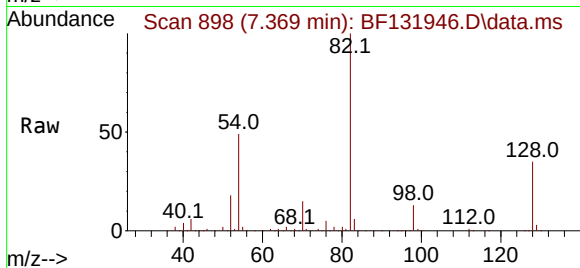
Tgt Ion: 82 Resp: 474159

Ion Ratio Lower Upper

82 100

128 35.3 27.1 40.7

54 49.1 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

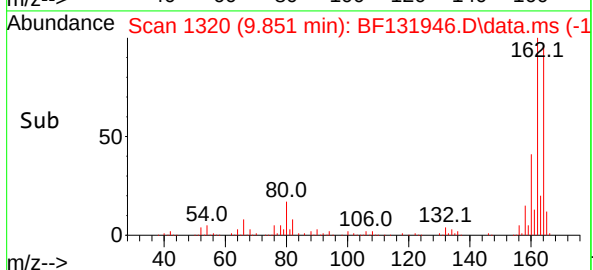
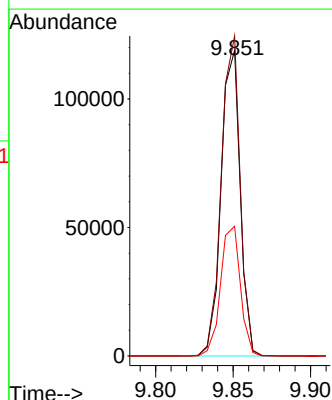
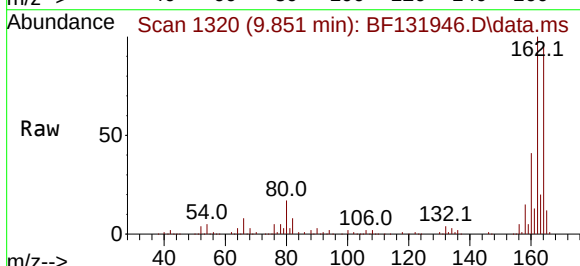
Tgt Ion:164 Resp: 101771

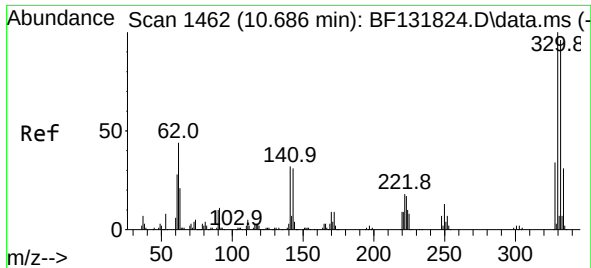
Ion Ratio Lower Upper

164 100

162 104.7 81.8 122.6

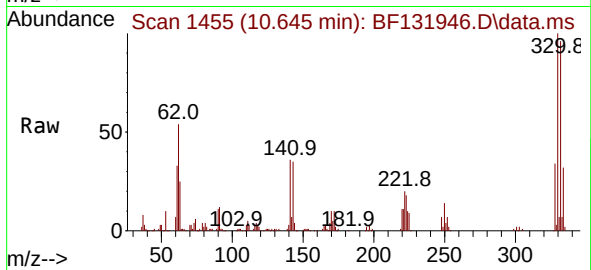
160 42.4 35.7 53.5



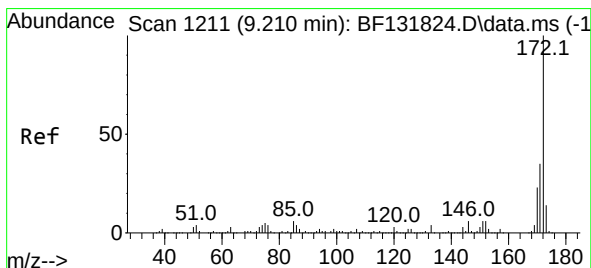
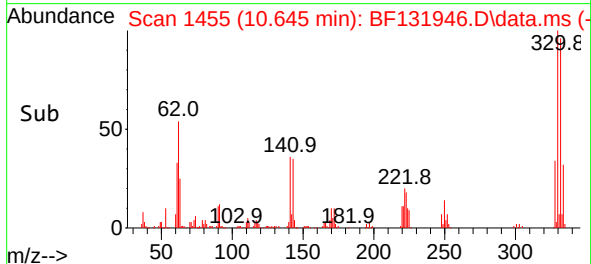
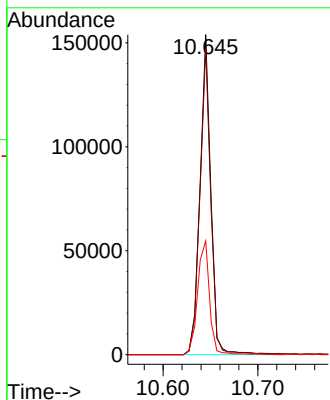


#42
2,4,6-Tribromophenol
Concen: 111.690 ng
RT: 10.645 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

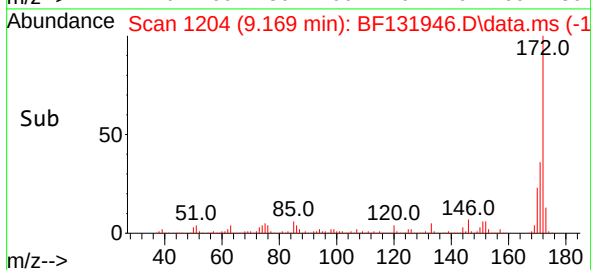
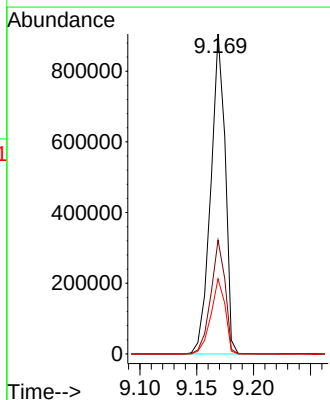
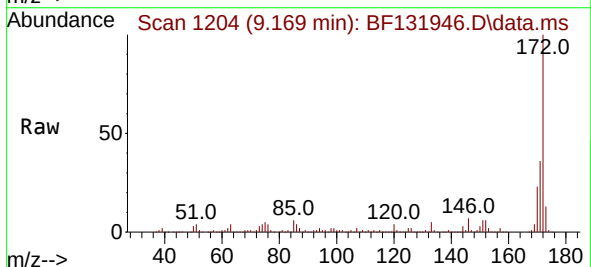


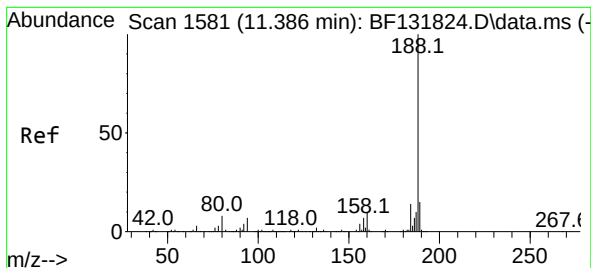
Tgt Ion: 330 Resp: 123501
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 39.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 107.342 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

Tgt Ion: 172 Resp: 797550
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Instrument :

BNA_F

ClientSampleId :

COMP-1-1-4-2023

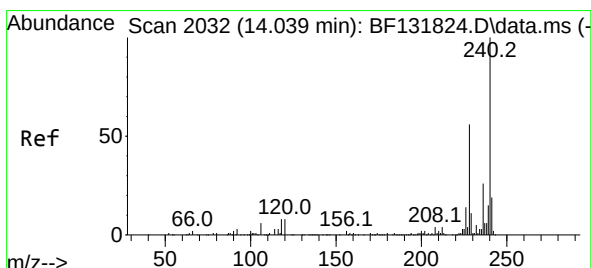
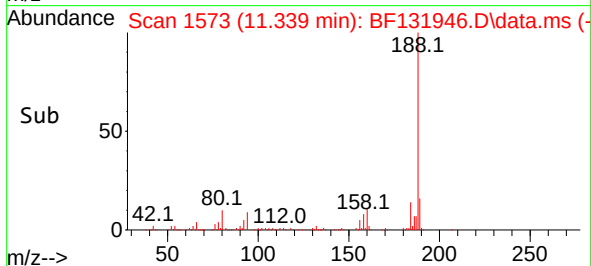
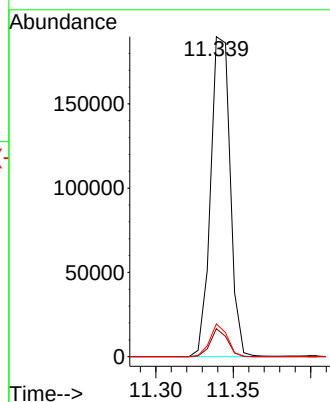
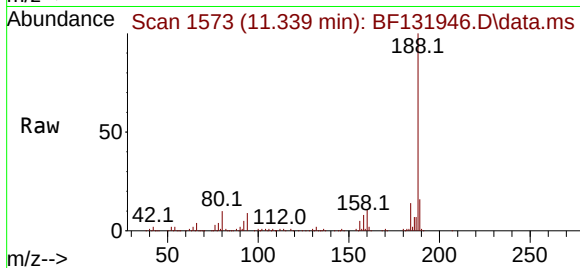
Tgt Ion:188 Resp: 166927

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.6#

80 10.3 6.7 10.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

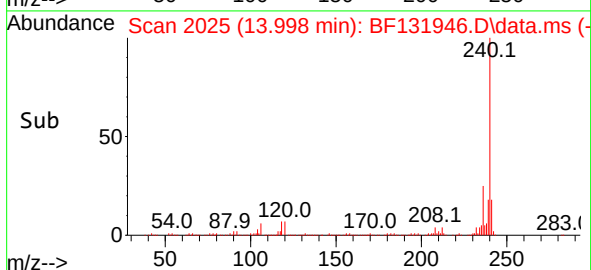
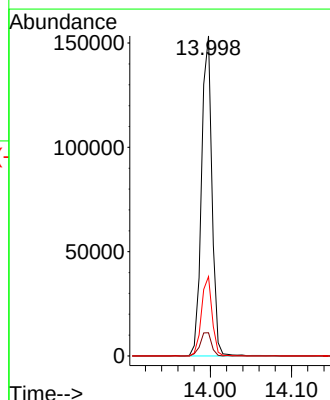
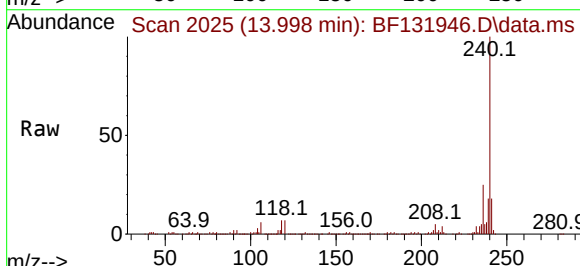
Tgt Ion:240 Resp: 137775

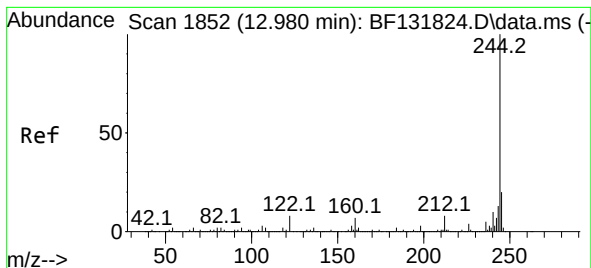
Ion Ratio Lower Upper

240 100

120 7.3 6.7 10.1

236 24.8 20.6 31.0





#79

Terphenyl-d14

Concen: 93.119 ng

RT: 12.939 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Instrument :

BNA_F

ClientSampleId :

COMP-1-1-4-2023

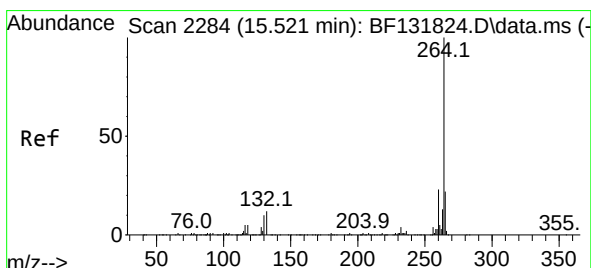
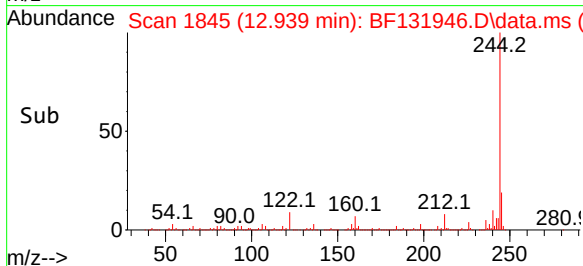
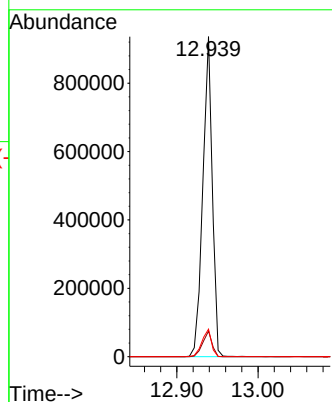
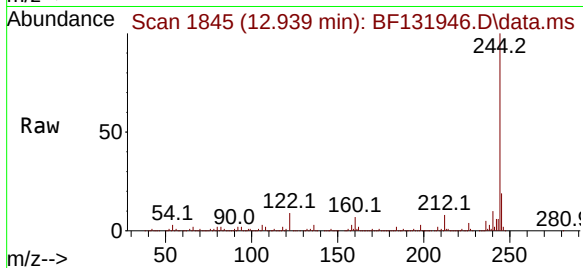
Tgt Ion:244 Resp: 758462

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 8.6 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Tgt Ion:264 Resp: 103774

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 20.7 17.4 26.0

