

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132459.D
 Acq On : 17 Feb 2023 20:05
 Operator : CG\JU
 Sample : 01595-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-655-2

Quant Time: Feb 18 01:01:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	243122	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	898447	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	482274	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	930181	20.000	ng	0.00
76) Chrysene-d12	14.219	240	687677	20.000	ng	#-0.01
86) Perylene-d12	15.777	264	658128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1252737	82.565	ng	0.00
7) Phenol-d6	6.643	99	1618810	81.709	ng	0.00
23) Nitrobenzene-d5	7.584	82	1032559	55.222	ng	-0.01
42) 2,4,6-Tribromophenol	10.866	330	410798	85.372	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	1644947	52.673	ng	0.00
79) Terphenyl-d14	13.160	244	1948766	51.610	ng	0.00

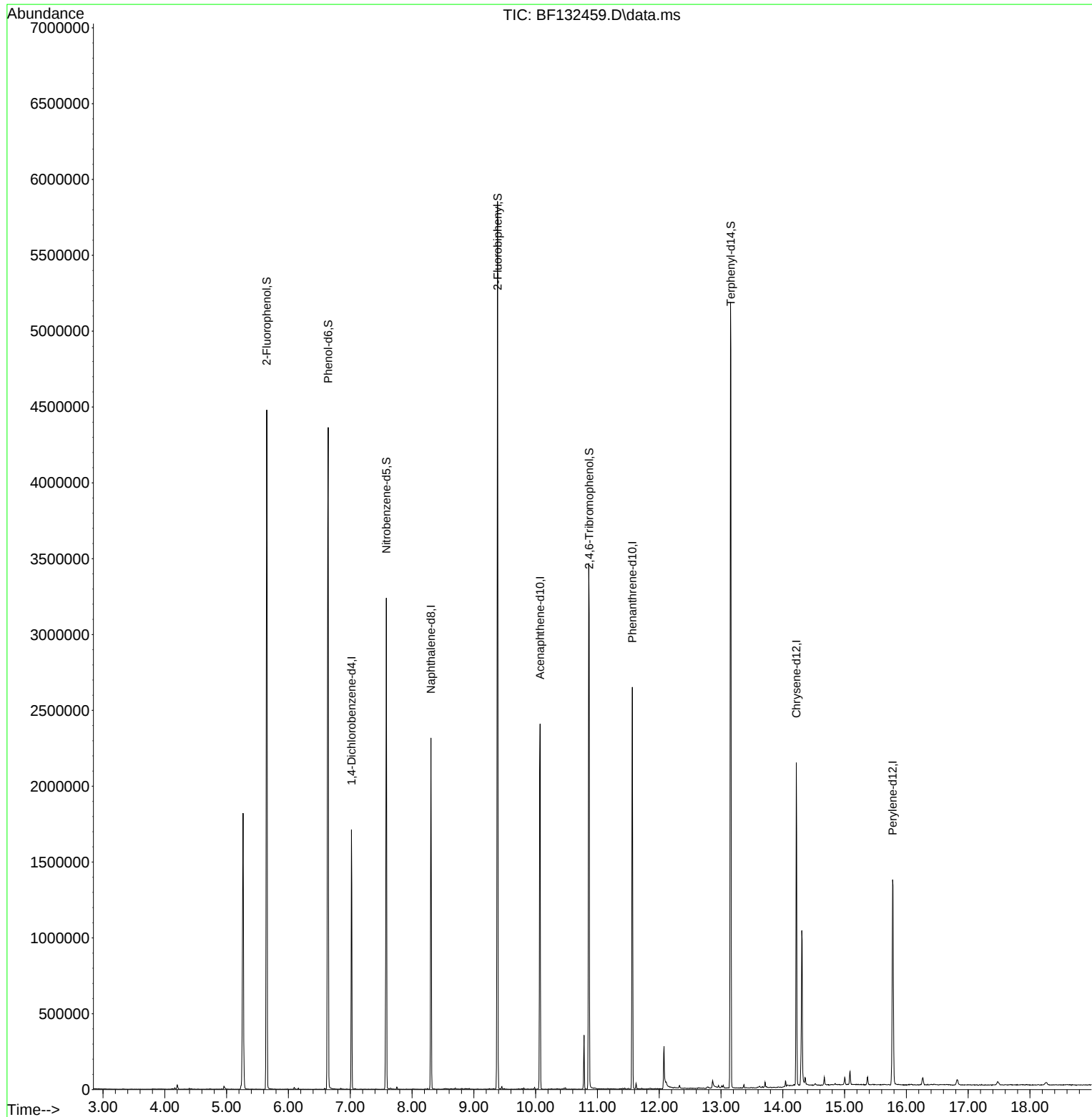
Target Compounds Qvalue

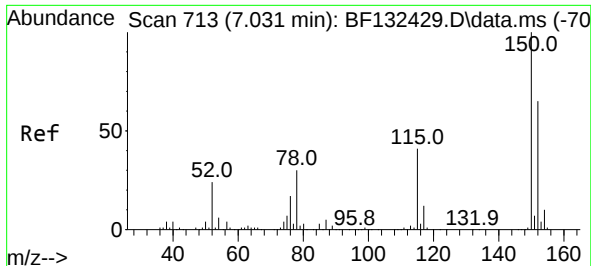
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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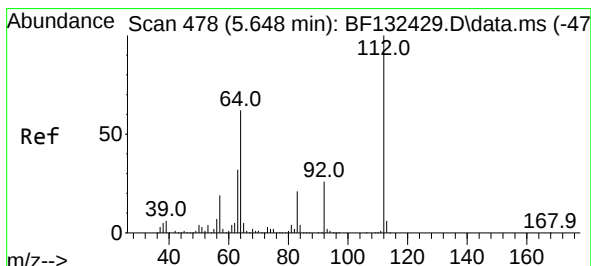
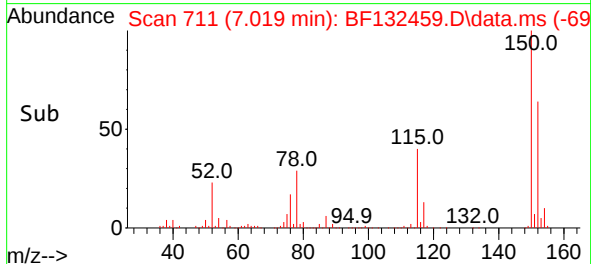
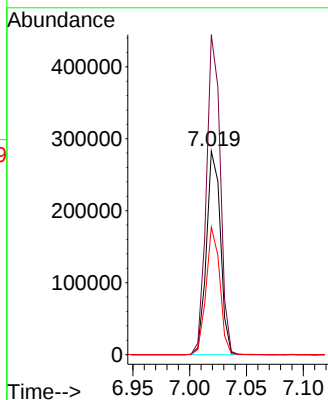
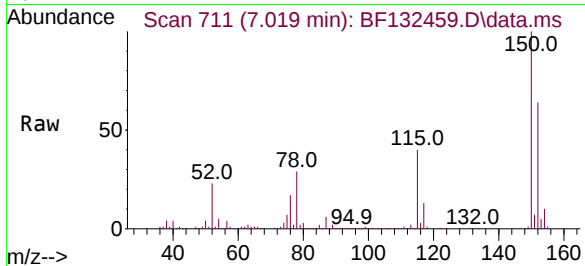




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

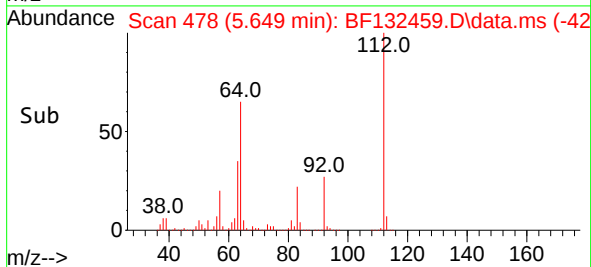
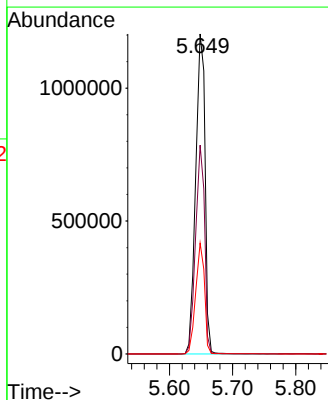
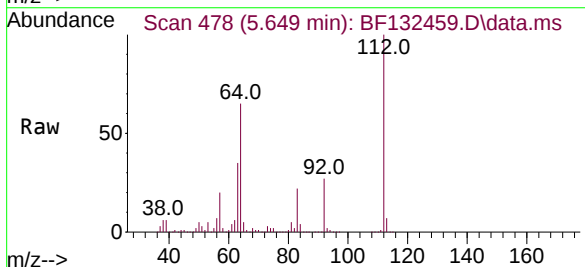
Instrument :
BNA_F
ClientSampleId :
S-655-2

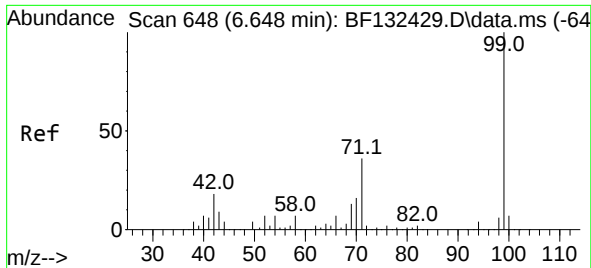
Tgt Ion:152 Resp: 243122
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.8
115 62.7 50.4 75.6



#5
2-Fluorophenol
Concen: 82.565 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion:112 Resp: 1252737
Ion Ratio Lower Upper
112 100
64 65.2 49.7 74.5
63 34.7 25.8 38.8

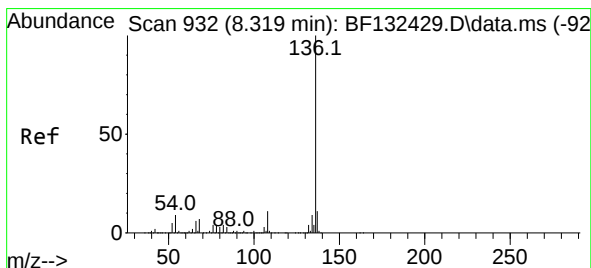
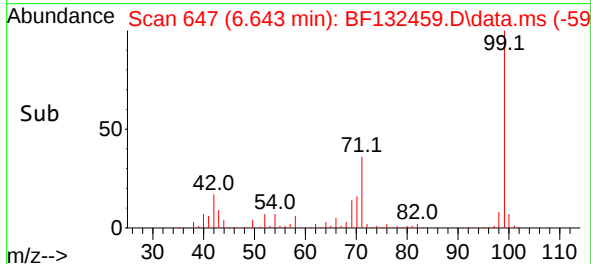
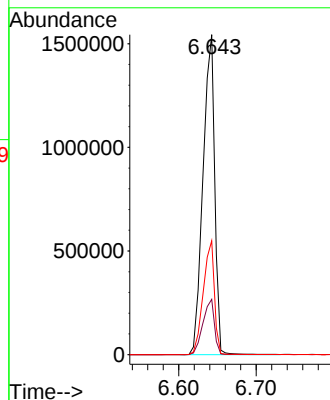
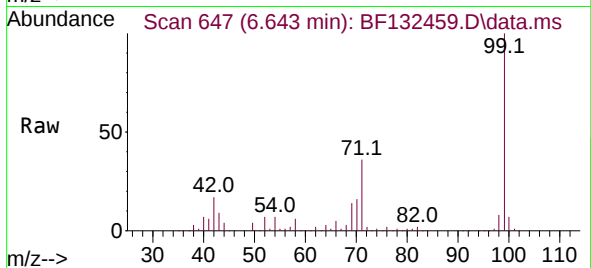




#7
Phenol-d6
Concen: 81.709 ng
RT: 6.643 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

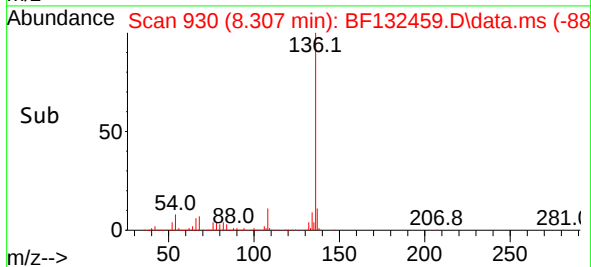
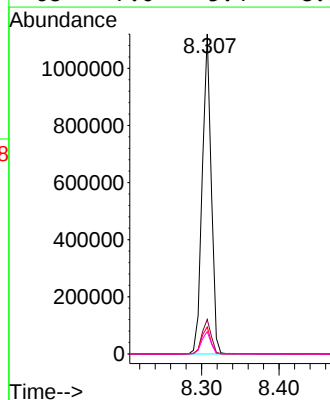
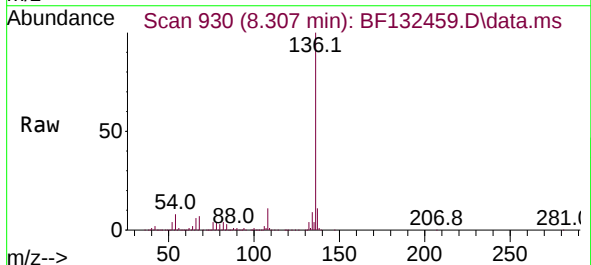
Instrument :
BNA_F
ClientSampleId :
S-655-2

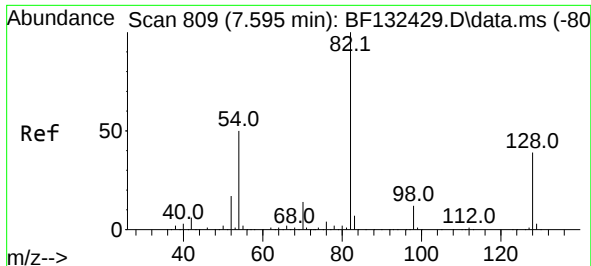
Tgt Ion: 99 Resp: 1618810
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 35.6 28.7 43.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion:136 Resp: 898447
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.4 6.9 10.3
68 7.0 5.4 8.0

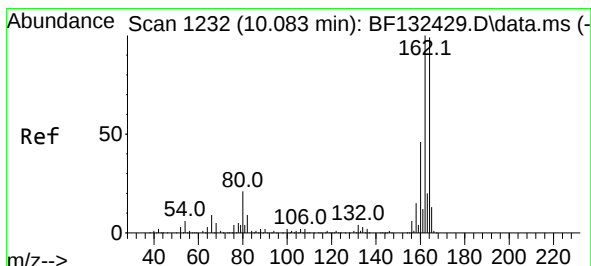
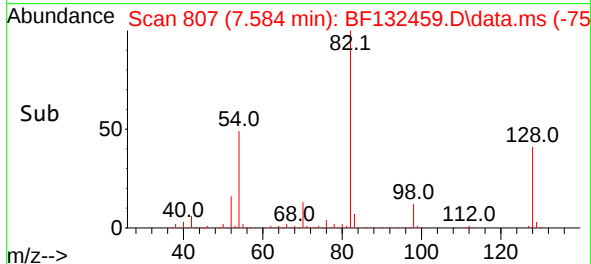
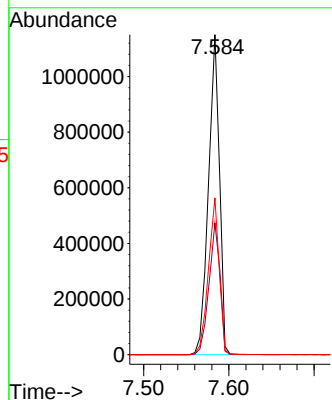
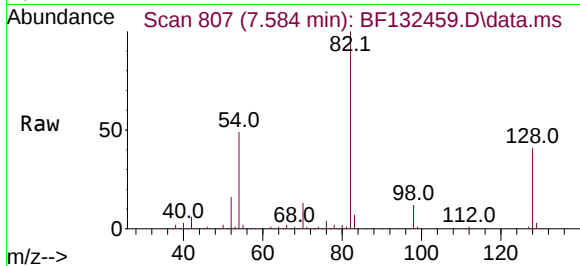




#23
Nitrobenzene-d5
Concen: 55.222 ng
RT: 7.584 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

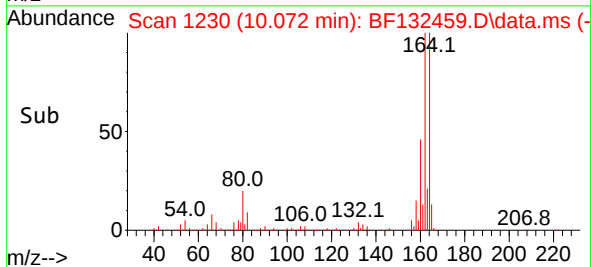
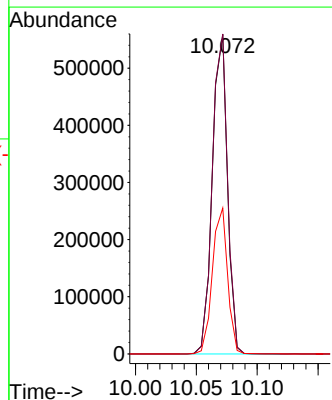
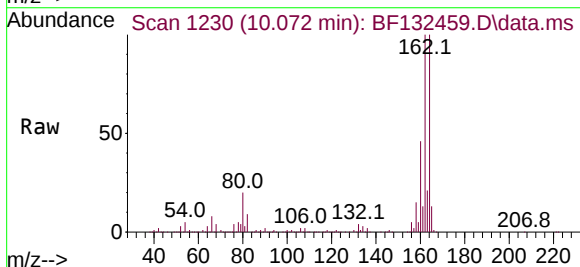
Instrument :
BNA_F
ClientSampleId :
S-655-2

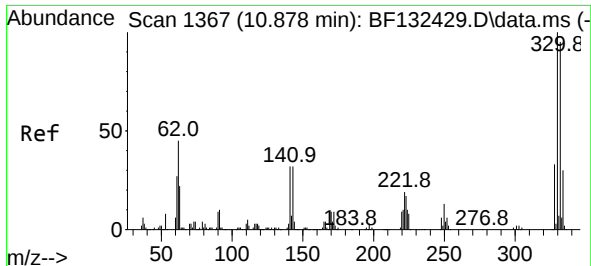
Tgt Ion: 82 Resp: 1032559
Ion Ratio Lower Upper
82 100
128 41.1 30.8 46.2
54 49.0 40.2 60.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion:164 Resp: 482274
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 45.7 37.2 55.8

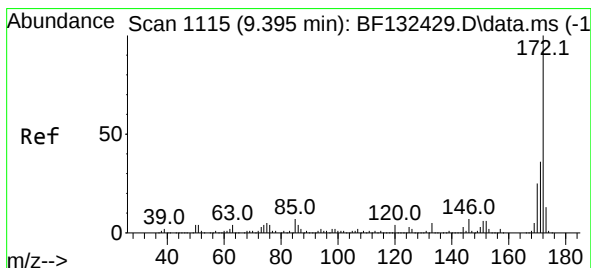
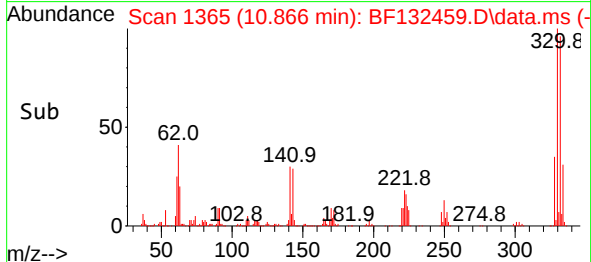
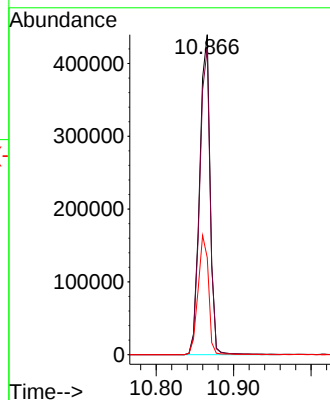
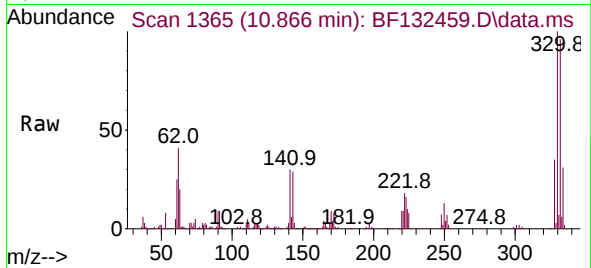




#42
 2,4,6-Tribromophenol
 Concen: 85.372 ng
 RT: 10.866 min Scan# 1365
 Delta R.T. -0.006 min
 Lab File: BF132459.D
 Acq: 17 Feb 2023 20:05

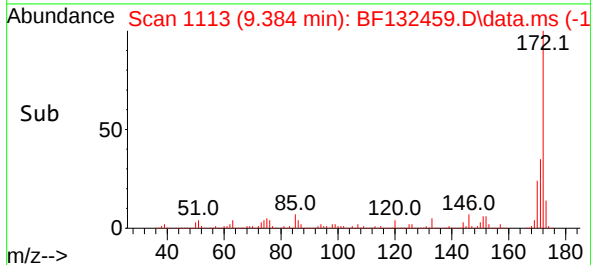
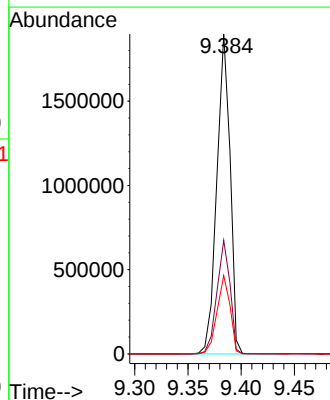
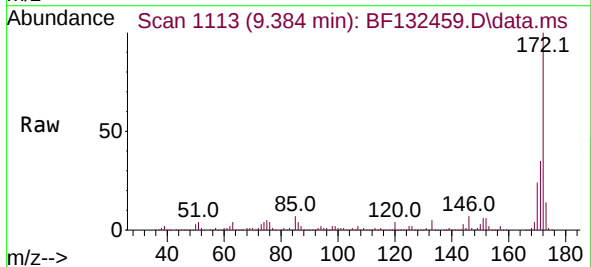
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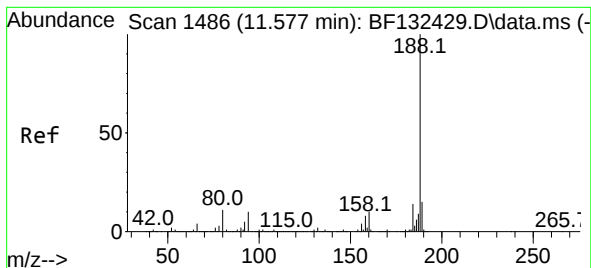
Tgt Ion: 330 Resp: 410798
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.3 114.5
 141 37.1 30.3 45.5



#45
 2-Fluorobiphenyl
 Concen: 52.673 ng
 RT: 9.384 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF132459.D
 Acq: 17 Feb 2023 20:05

Tgt Ion: 172 Resp: 1644947
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 24.5 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.566 min Scan# 1486

Delta R.T. -0.006 min

Lab File: BF132459.D

Acq: 17 Feb 2023 20:05

Instrument :

BNA_F

ClientSampleId :

S-655-2

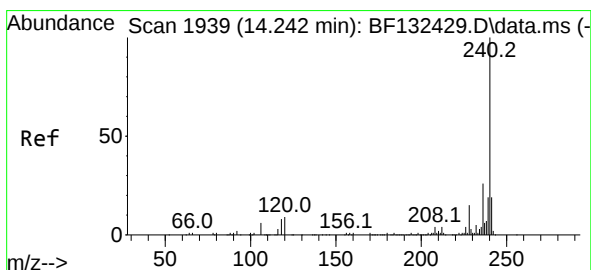
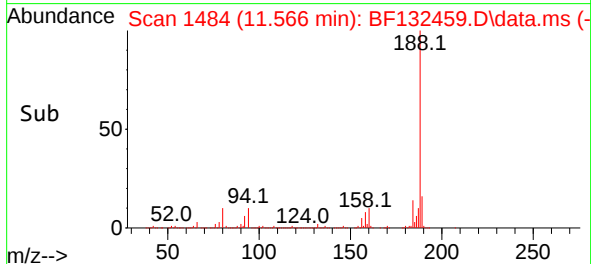
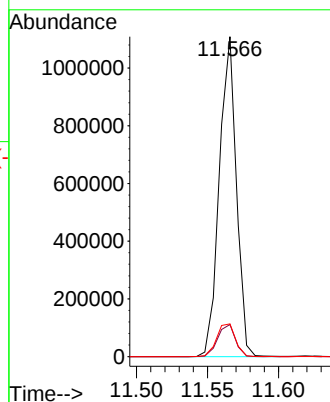
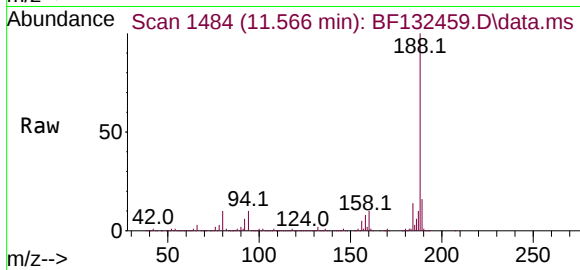
Tgt Ion:188 Resp: 930181

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

80 10.2 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.219 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BF132459.D

Acq: 17 Feb 2023 20:05

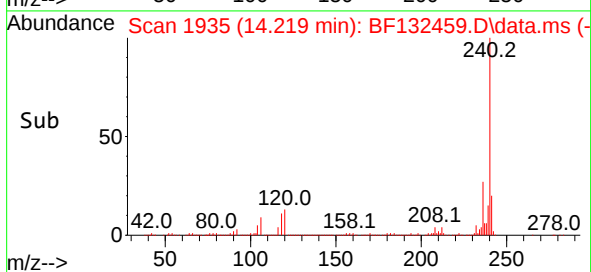
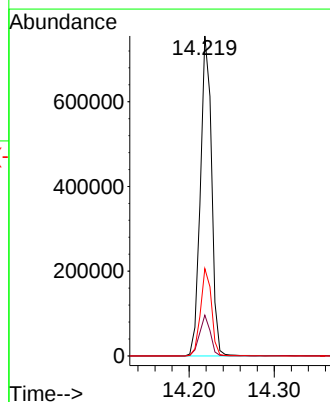
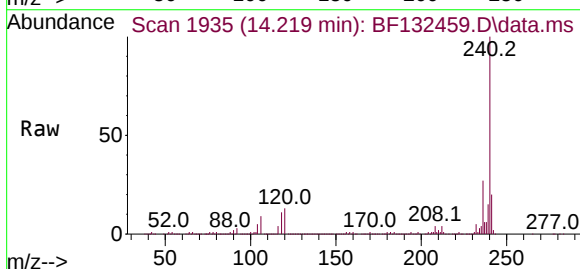
Tgt Ion:240 Resp: 687677

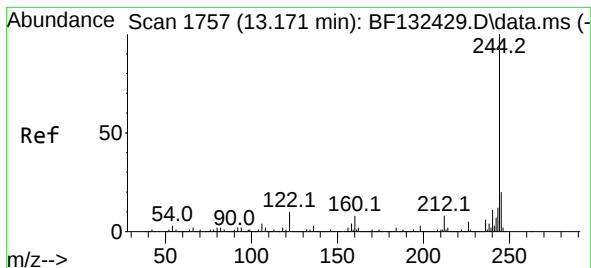
Ion Ratio Lower Upper

240 100

120 12.7 7.5 11.3#

236 27.3 21.0 31.6





#79

Terphenyl-d14

Concen: 51.610 ng

RT: 13.160 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BF132459.D

Acq: 17 Feb 2023 20:05

Instrument :

BNA_F

ClientSampleId :

S-655-2

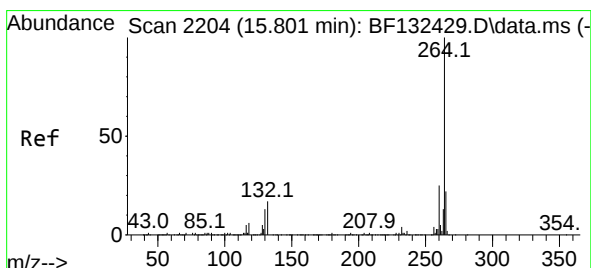
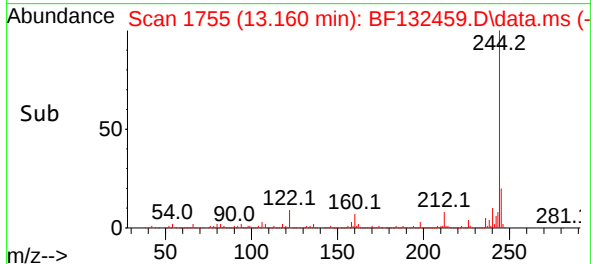
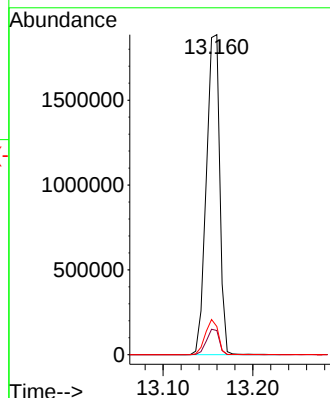
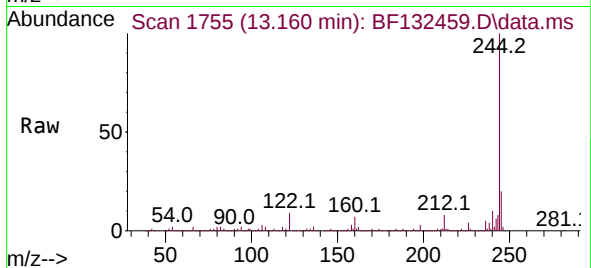
Tgt Ion:244 Resp: 1948766

Ion Ratio Lower Upper

244 100

212 7.5 6.7 10.1

122 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.777 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF132459.D

Acq: 17 Feb 2023 20:05

Tgt Ion:264 Resp: 658128

Ion Ratio Lower Upper

264 100

260 24.3 20.0 30.0

265 21.7 17.2 25.8

