

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132365.D
 Acq On : 08 Feb 2023 19:39
 Operator : CG\JU
 Sample : 01462-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Feb 09 02:02:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	179026	20.000	ng	0.00
21) Naphthalene-d8	8.330	136	682569	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	316899	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	521147	20.000	ng	0.00
76) Chrysene-d12	14.248	240	321541	20.000	ng	0.00
86) Perylene-d12	15.824	264	207330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1283598	115.249	ng	0.02
7) Phenol-d6	6.666	99	1395416	101.624	ng	0.00
23) Nitrobenzene-d5	7.613	82	997157	81.294	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	482115	147.939	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1828049	89.081	ng	0.00
79) Terphenyl-d14	13.189	244	1609221	96.812	ng	0.00

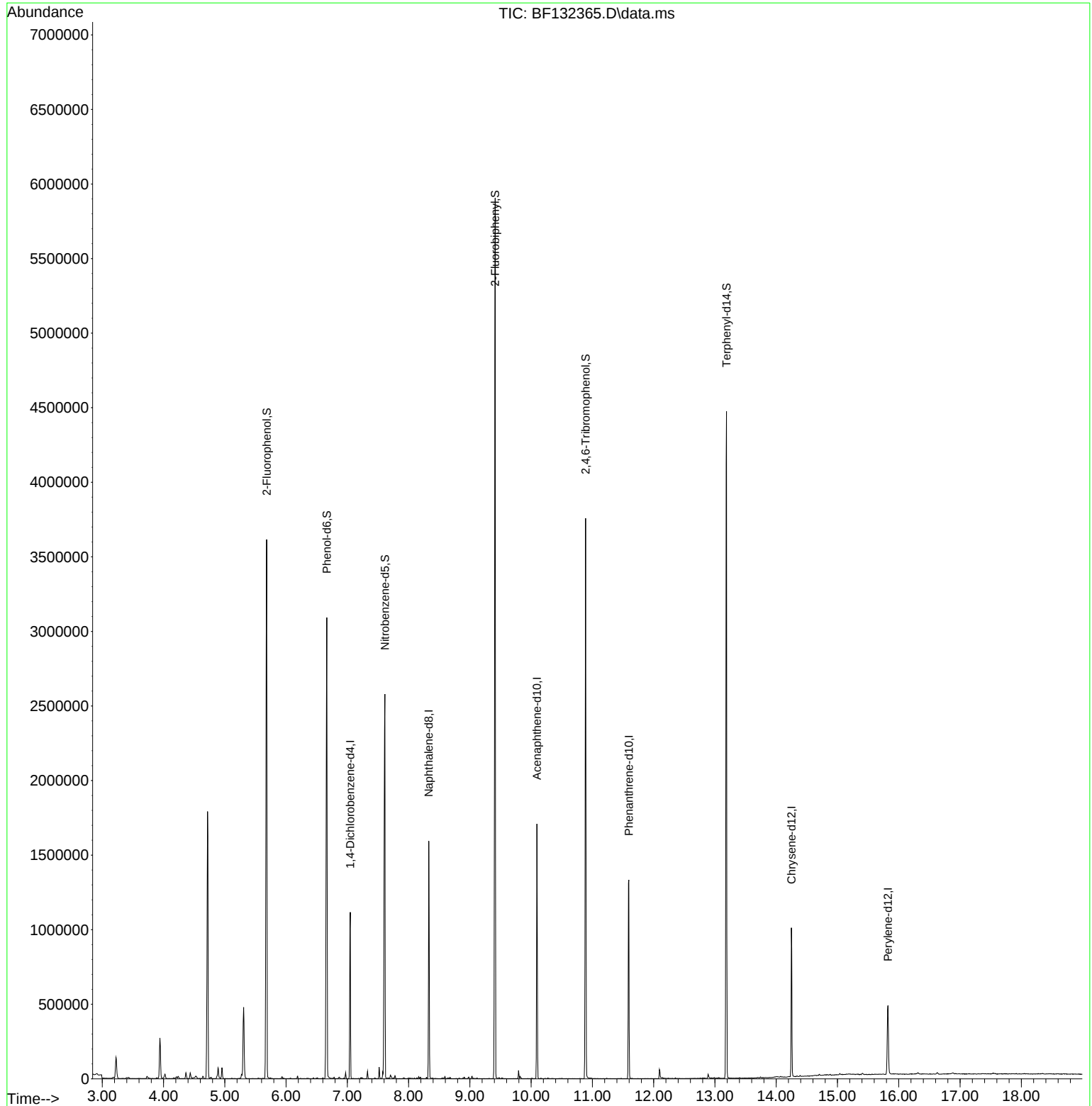
Target Compounds Qvalue

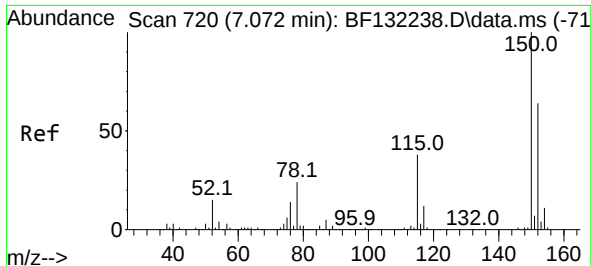
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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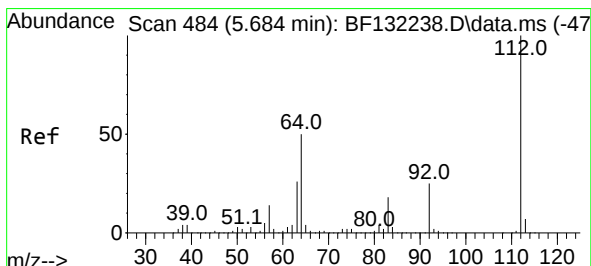
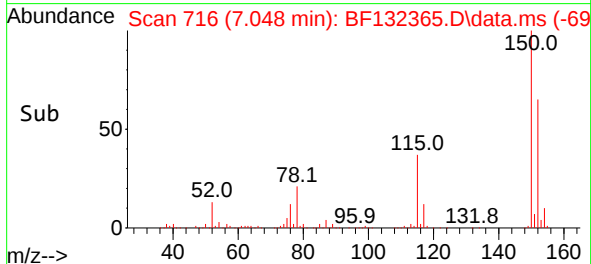
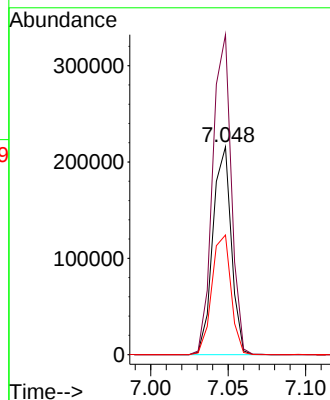
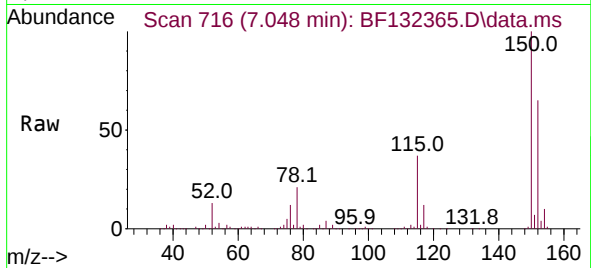




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

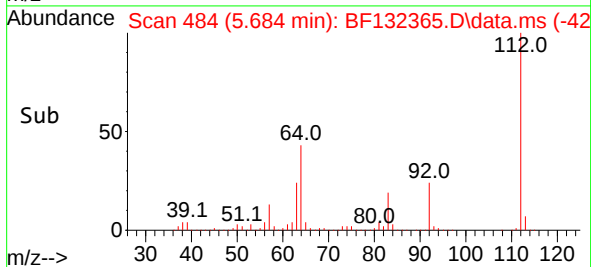
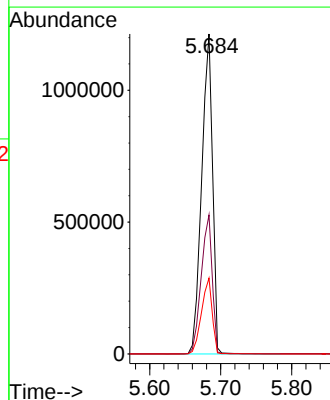
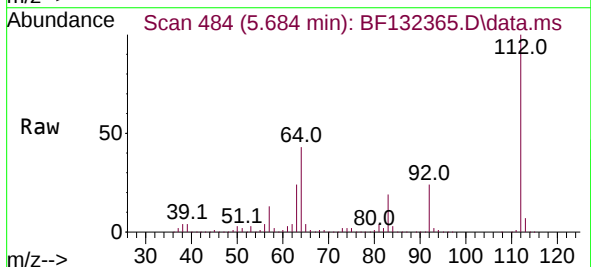
Instrument :
BNA_F
ClientSampleId :
COMP-4

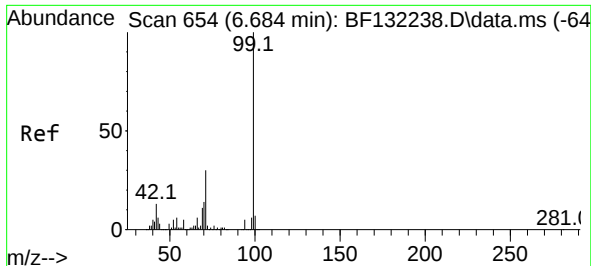
Tgt Ion:152 Resp: 179026
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.2
115 57.5 47.3 70.9



#5
2-Fluorophenol
Concen: 115.249 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.023 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

Tgt Ion:112 Resp: 1283598
Ion Ratio Lower Upper
112 100
64 43.4 40.0 60.0
63 23.7 20.5 30.7

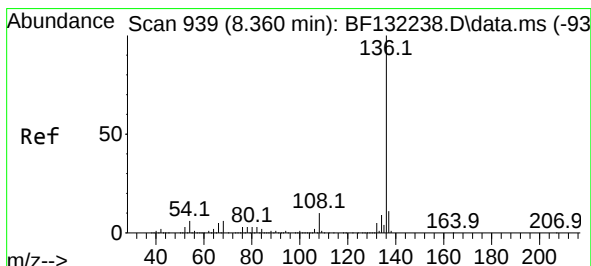
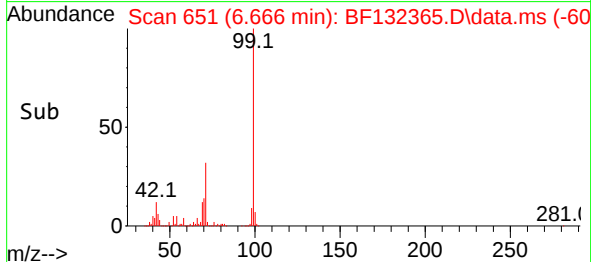
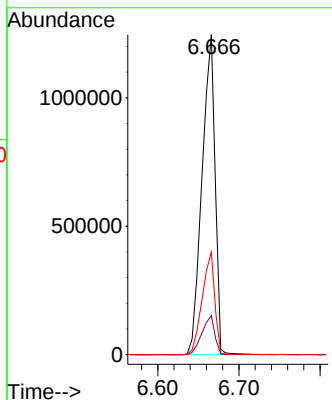
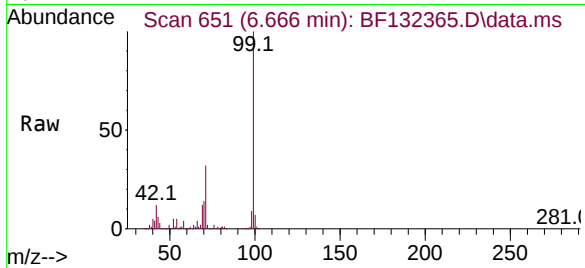




#7
Phenol-d6
Concen: 101.624 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

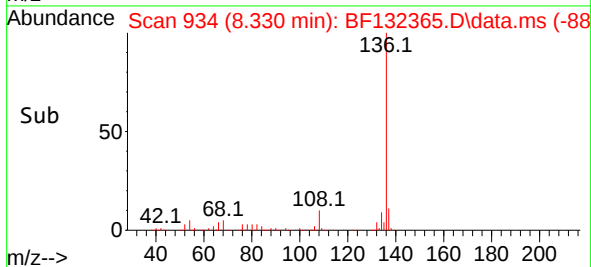
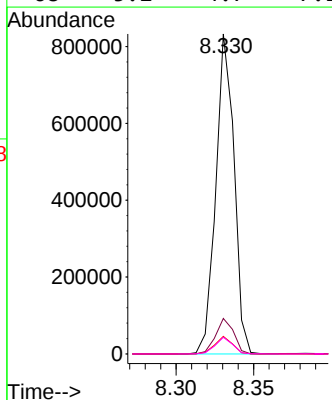
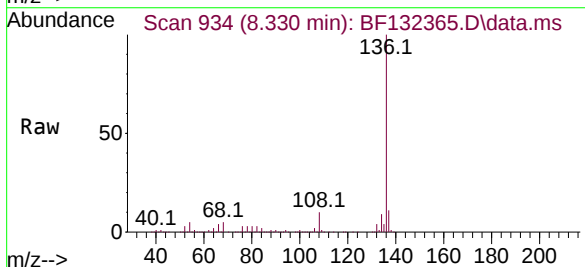
Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion: 99 Resp: 1395416
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 32.0 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.330 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

Tgt Ion:136 Resp: 682569
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.5 4.9 7.3
68 5.2 4.7 7.1

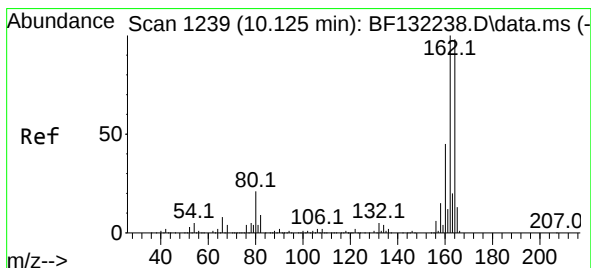
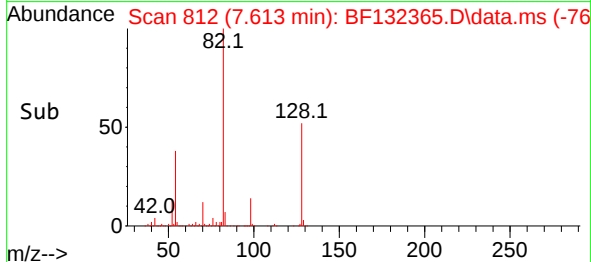
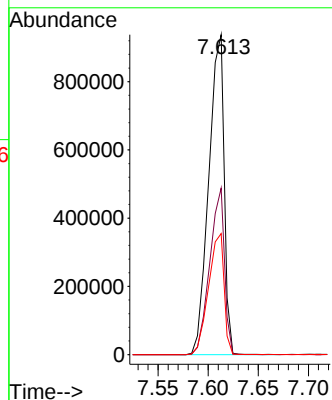
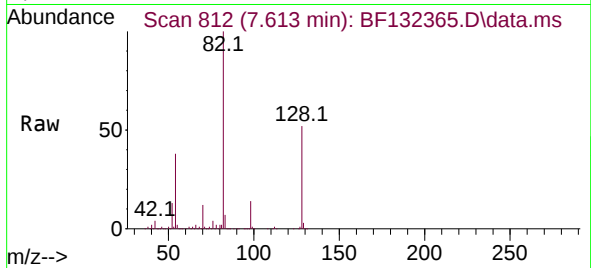




#23
Nitrobenzene-d5
Concen: 81.294 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

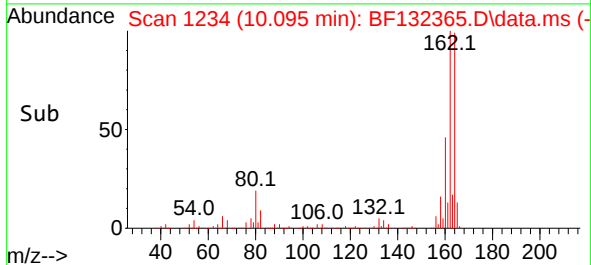
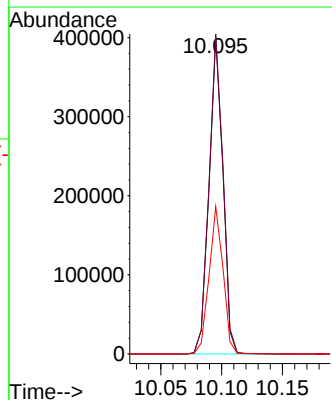
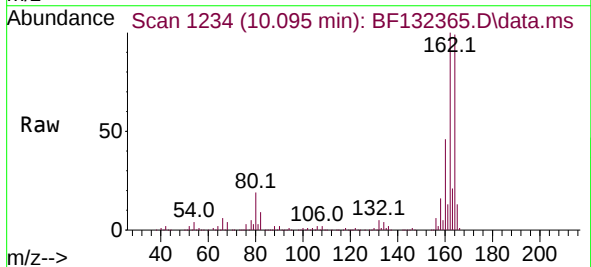
Instrument :
BNA_F
ClientSampleId :
COMP-4

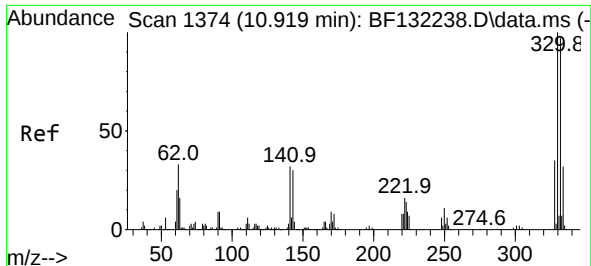
Tgt Ion: 82 Resp: 997157
Ion Ratio Lower Upper
82 100
128 52.0 37.0 55.4
54 37.8 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

Tgt Ion: 164 Resp: 316899
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 46.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 147.939 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132365.D

Acq: 08 Feb 2023 19:39

Instrument :

BNA_F

ClientSampleId :

COMP-4

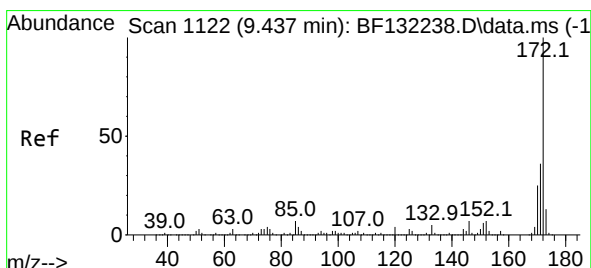
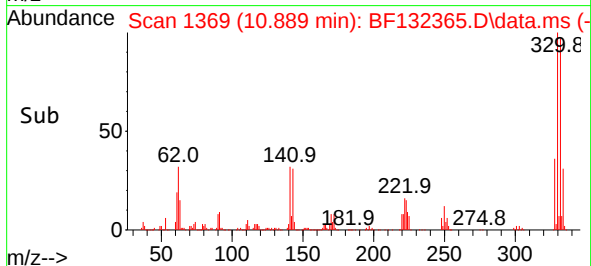
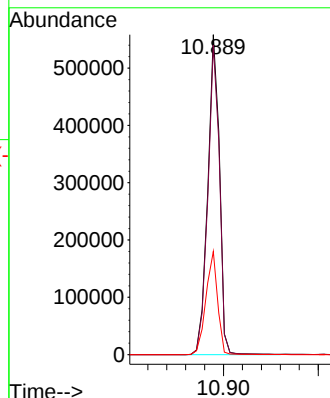
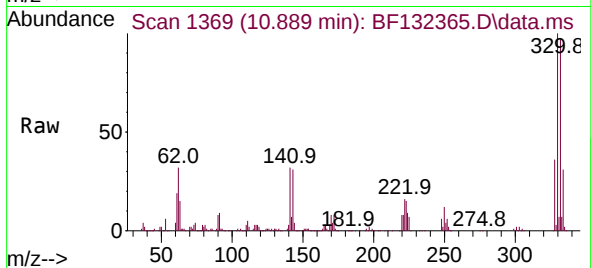
Tgt Ion:330 Resp: 482115

Ion Ratio Lower Upper

330 100

332 96.1 77.9 116.9

141 32.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 89.081 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BF132365.D

Acq: 08 Feb 2023 19:39

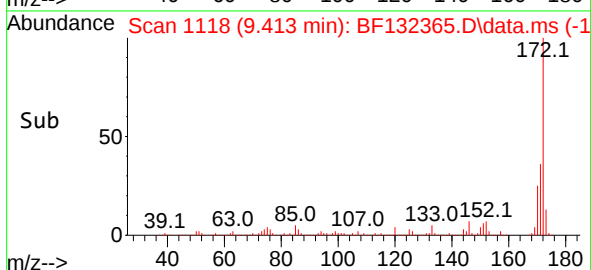
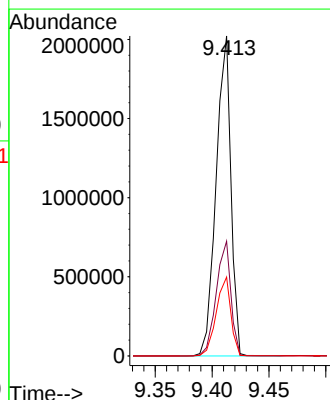
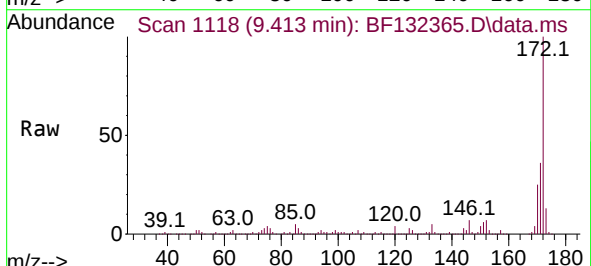
Tgt Ion:172 Resp: 1828049

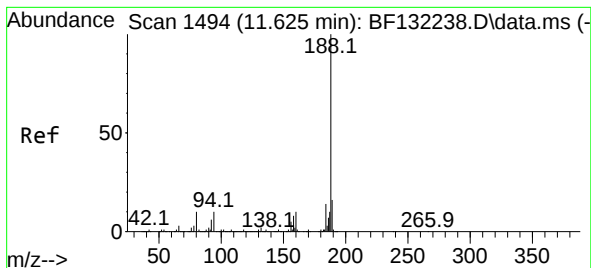
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.6 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.595 min Scan# 1494

Delta R.T. -0.000 min

Lab File: BF132365.D

Acq: 08 Feb 2023 19:39

Instrument :

BNA_F

ClientSampleId :

COMP-4

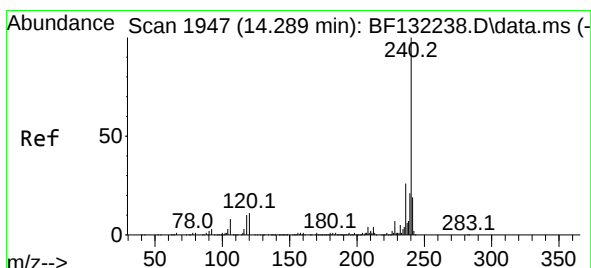
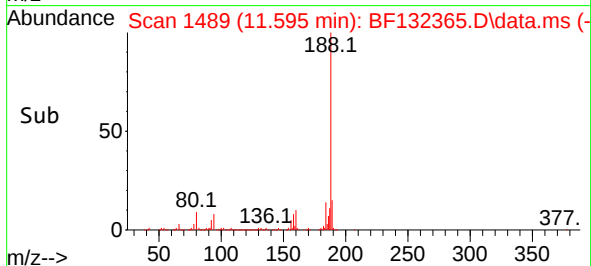
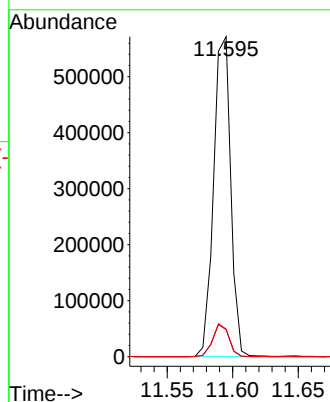
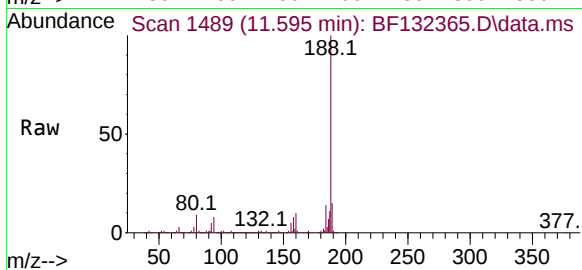
Tgt Ion:188 Resp: 521147

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 8.6 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.248 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BF132365.D

Acq: 08 Feb 2023 19:39

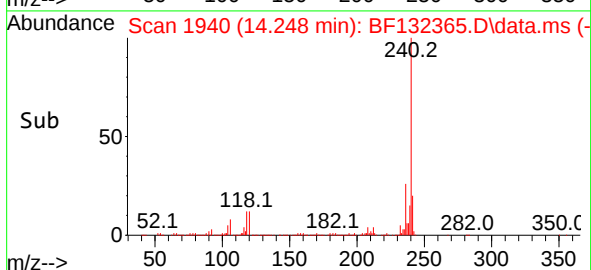
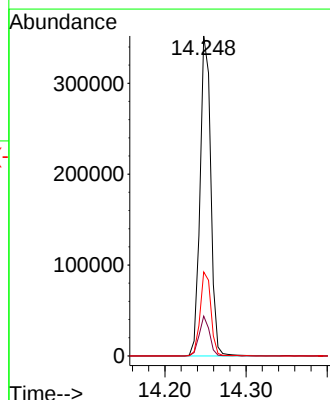
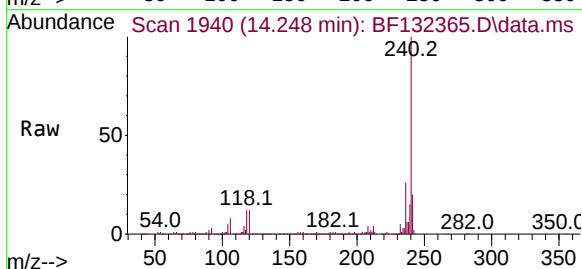
Tgt Ion:240 Resp: 321541

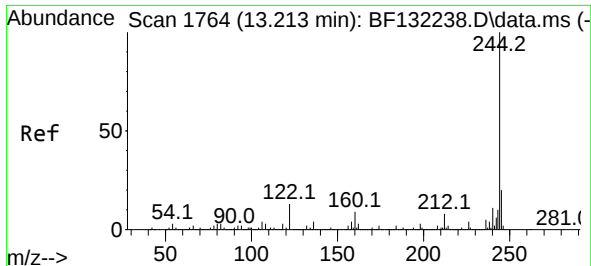
Ion Ratio Lower Upper

240 100

120 12.4 8.8 13.2

236 26.2 21.0 31.6

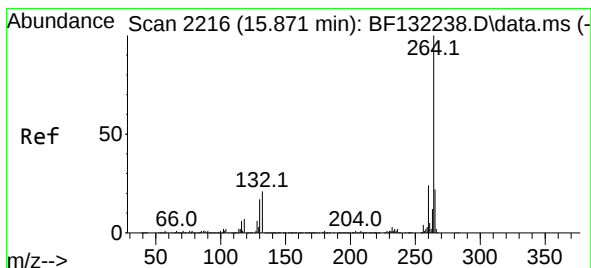
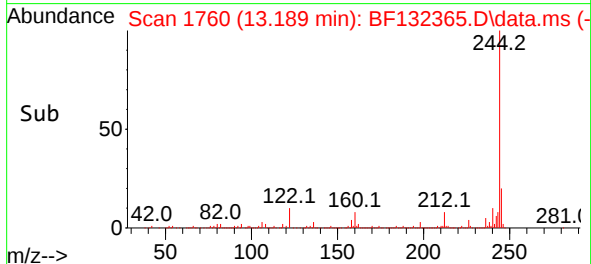
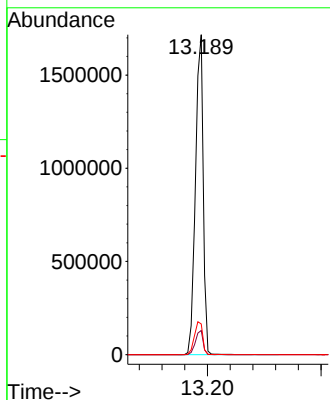
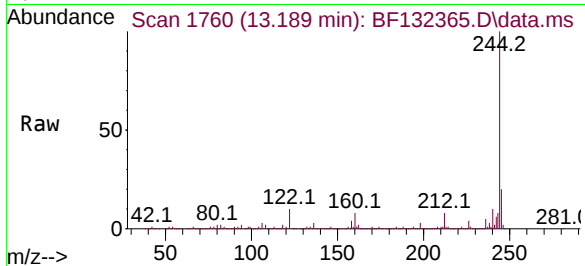




#79
 Terphenyl-d14
 Concen: 96.812 ng
 RT: 13.189 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132365.D
 Acq: 08 Feb 2023 19:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Tgt Ion:244 Resp: 1609221
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 9.6 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.824 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: BF132365.D
 Acq: 08 Feb 2023 19:39

Tgt Ion:264 Resp: 207330
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 20.8 17.4 26.2

