

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132370.D
 Acq On : 08 Feb 2023 22:23
 Operator : CG\JU
 Sample : 01465-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Feb 09 02:03:10 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	175396	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	670841	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	334674	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	535900	20.000	ng	0.00
76) Chrysene-d12	14.248	240	337494	20.000	ng	0.00
86) Perylene-d12	15.818	264	270502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1309139	119.975	ng	0.02
7) Phenol-d6	6.666	99	1517019	112.767	ng	0.00
23) Nitrobenzene-d5	7.613	82	983475	81.581	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	496920	144.384	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1839231	84.866	ng	0.00
79) Terphenyl-d14	13.183	244	1564716	89.685	ng	0.00

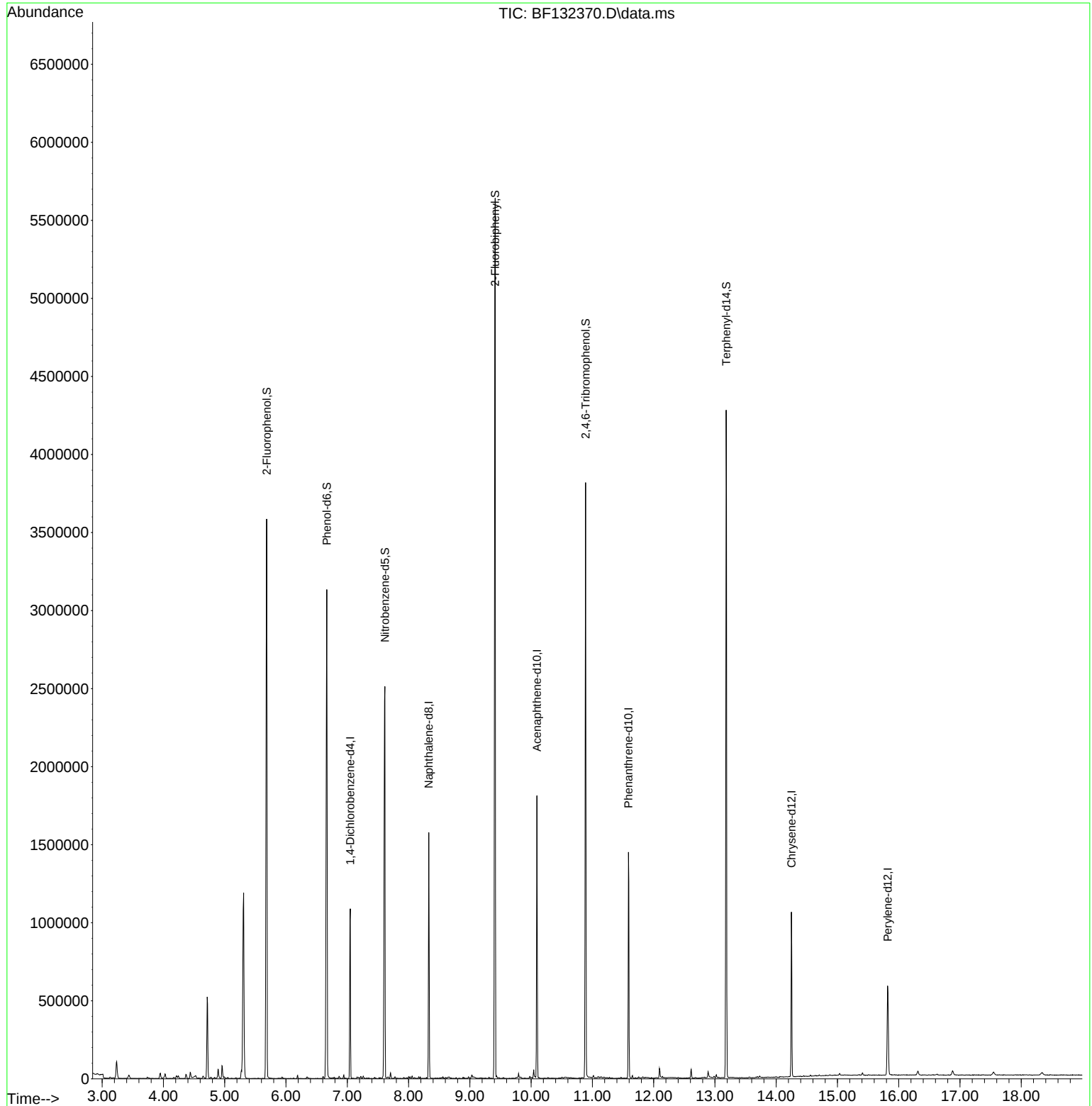
Target Compounds	Qvalue

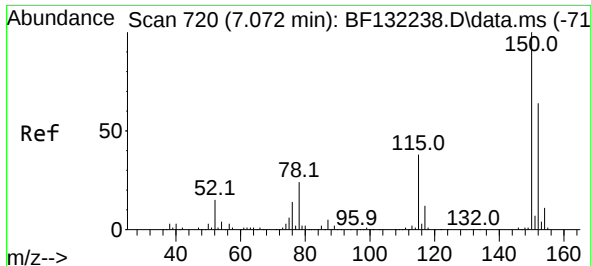
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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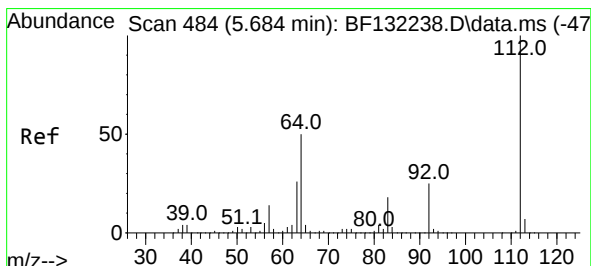
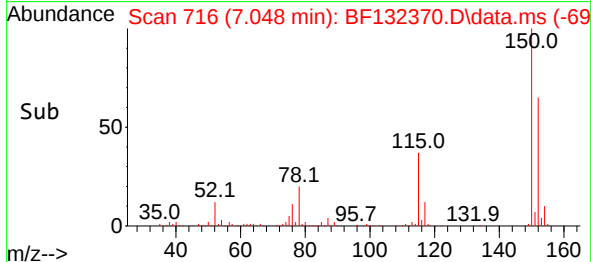
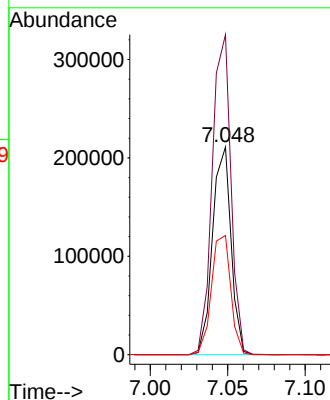
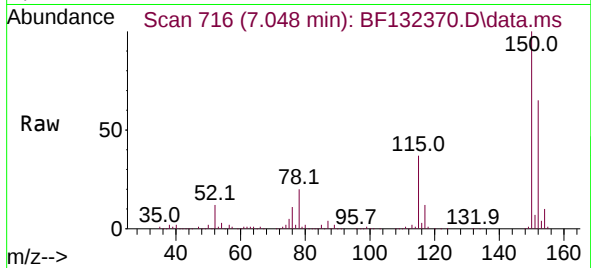




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

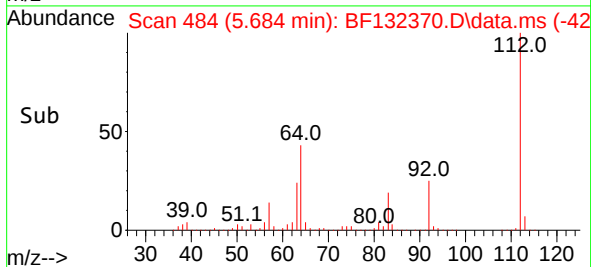
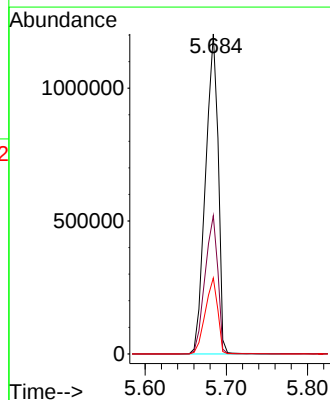
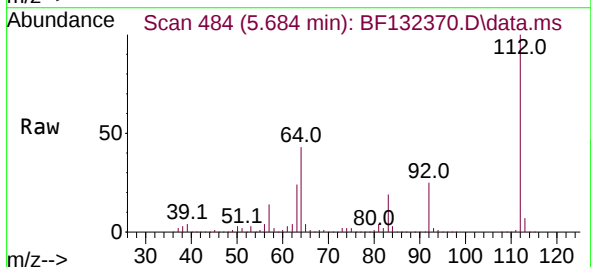
Instrument :
BNA_F
ClientSampleId :
COMP-1

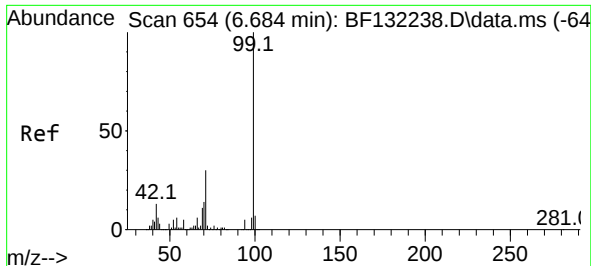
Tgt Ion:152 Resp: 175396
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.2
115 57.4 47.3 70.9



#5
2-Fluorophenol
Concen: 119.975 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion:112 Resp: 1309139
Ion Ratio Lower Upper
112 100
64 43.2 40.0 60.0
63 23.7 20.5 30.7





#7

Phenol-d6

Concen: 112.767 ng

RT: 6.666 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF132370.D

Acq: 08 Feb 2023 22:23

Instrument :

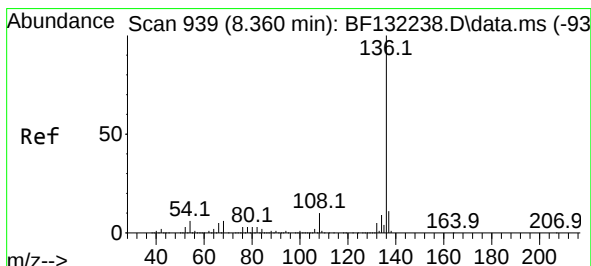
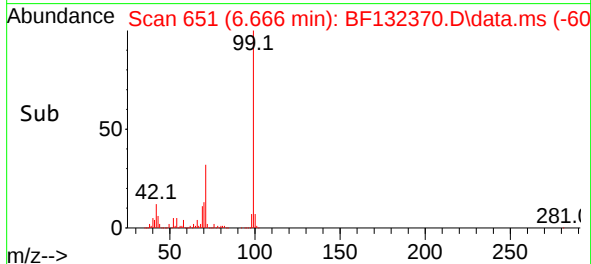
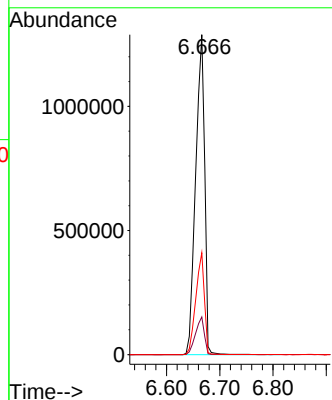
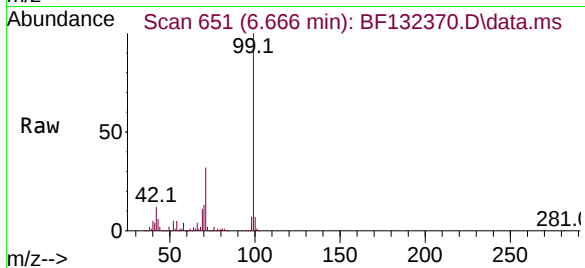
BNA_F

ClientSampleId :

COMP-1

Tgt Ion: 99 Resp: 1517019

Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.1	15.1
71	31.8	24.2	36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.331 min Scan# 934

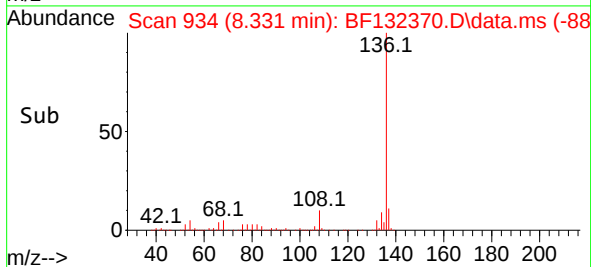
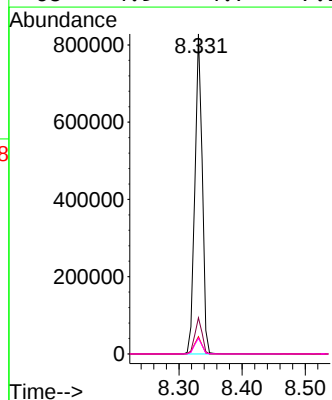
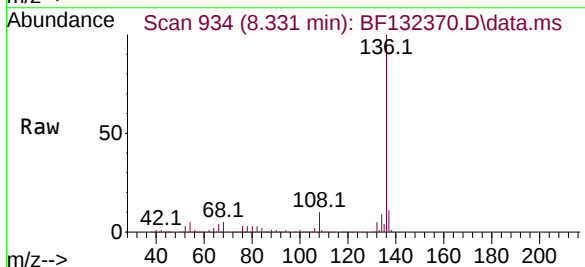
Delta R.T. -0.006 min

Lab File: BF132370.D

Acq: 08 Feb 2023 22:23

Tgt Ion:136 Resp: 670841

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.4	4.9	7.3
68	4.9	4.7	7.1

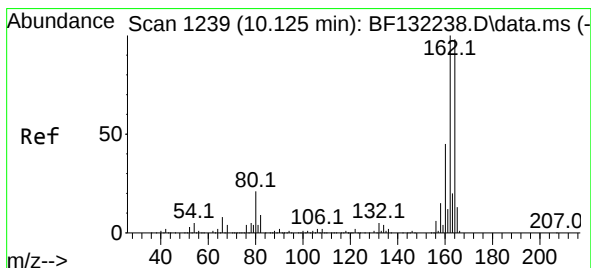
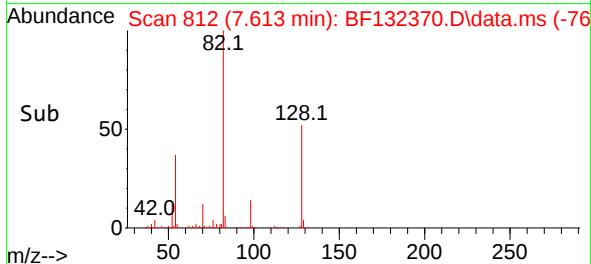
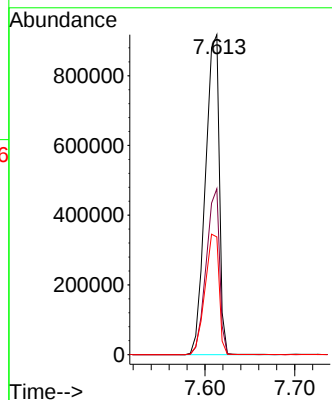
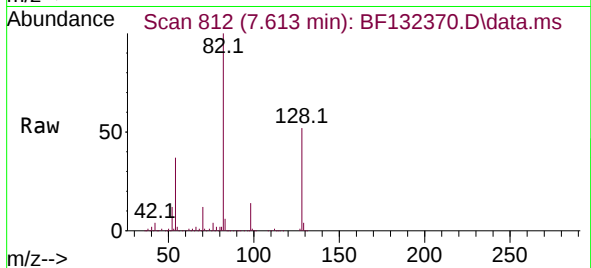




#23
Nitrobenzene-d5
Concen: 81.581 ng
RT: 7.613 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

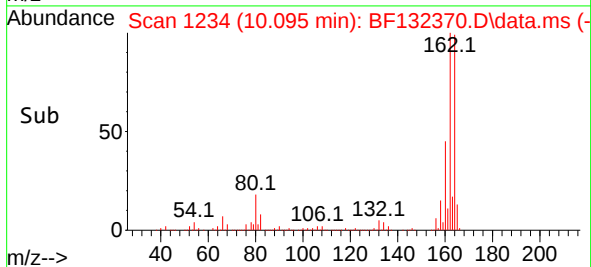
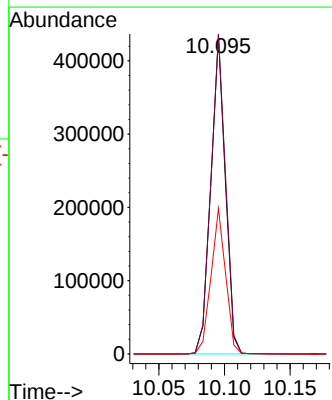
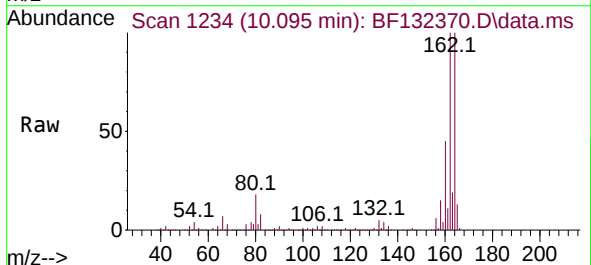
Instrument :
BNA_F
ClientSampleId :
COMP-1

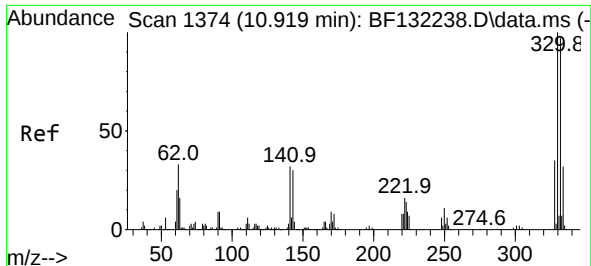
Tgt Ion: 82 Resp: 983475
Ion Ratio Lower Upper
82 100
128 51.8 37.0 55.4
54 36.8 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion: 164 Resp: 334674
Ion Ratio Lower Upper
164 100
162 100.4 82.0 123.0
160 45.6 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 144.384 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132370.D

Acq: 08 Feb 2023 22:23

Instrument :

BNA_F

ClientSampleId :

COMP-1

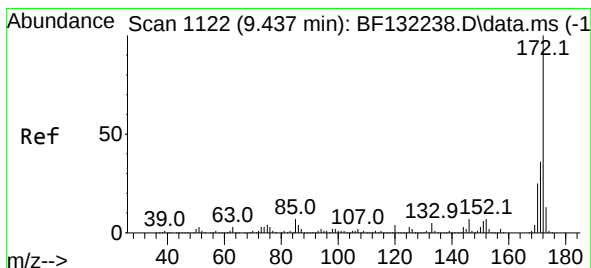
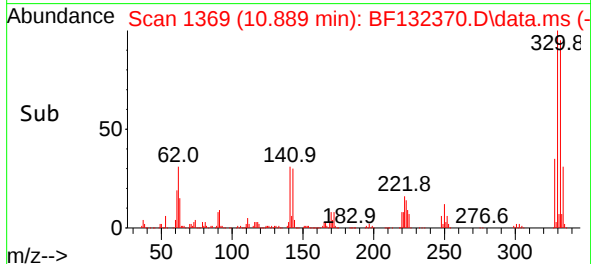
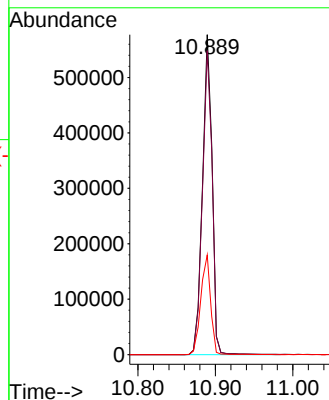
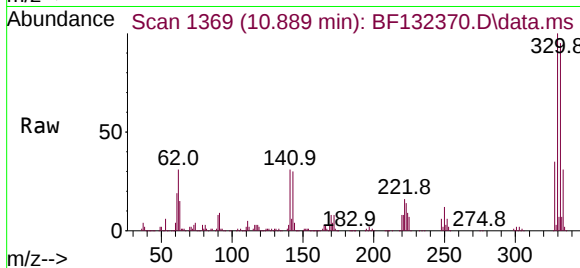
Tgt Ion:330 Resp: 496920

Ion Ratio Lower Upper

330 100

332 96.3 77.9 116.9

141 31.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 84.866 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132370.D

Acq: 08 Feb 2023 22:23

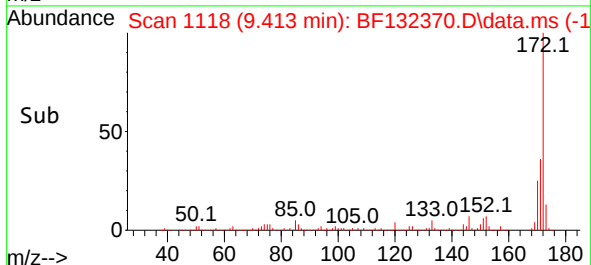
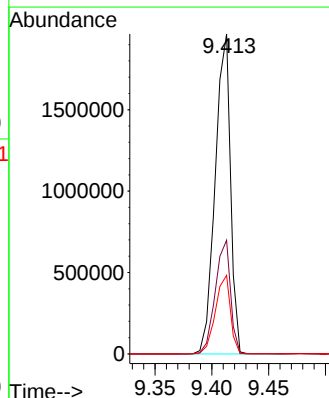
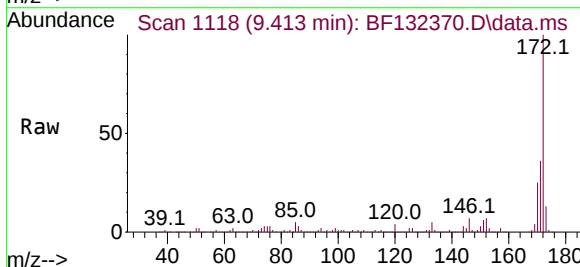
Tgt Ion:172 Resp: 1839231

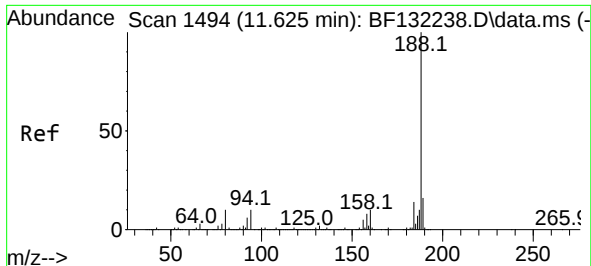
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.5 19.7 29.5

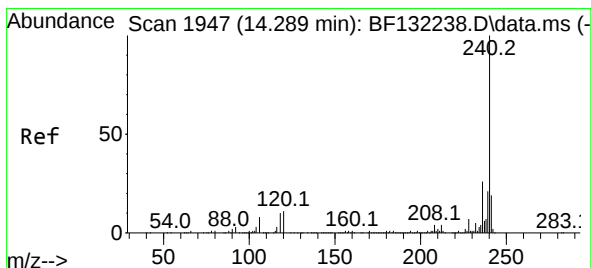
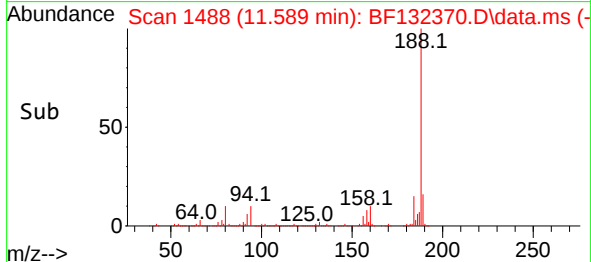
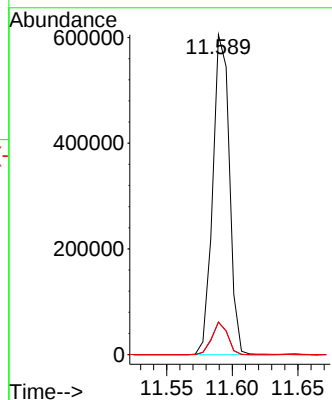
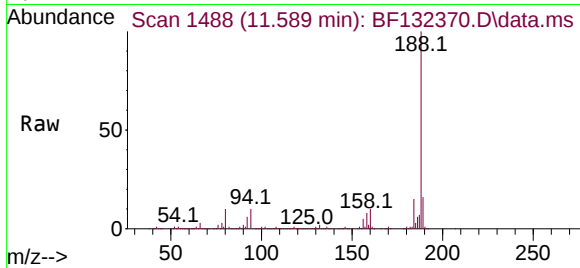




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

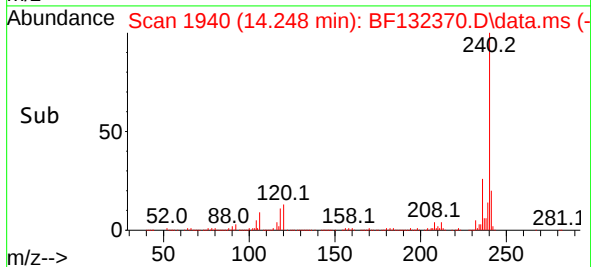
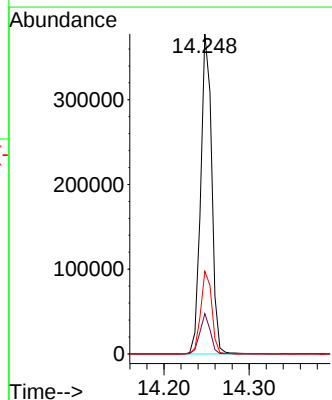
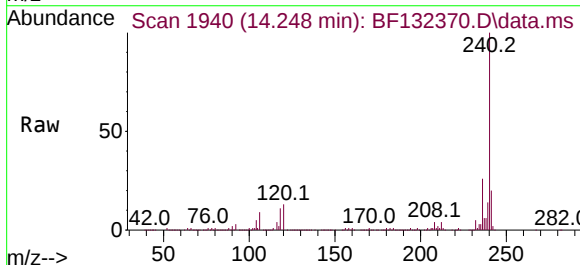
Instrument :
BNA_F
ClientSampleId :
COMP-1

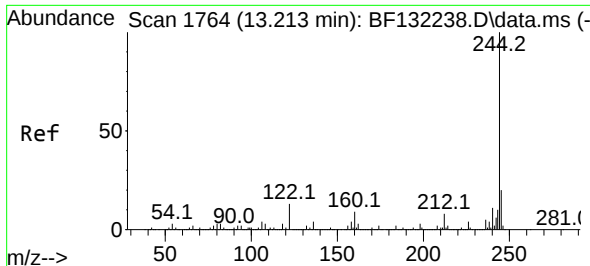
Tgt Ion:188 Resp: 535900
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion:240 Resp: 337494
Ion Ratio Lower Upper
240 100
120 12.6 8.8 13.2
236 25.8 21.0 31.6

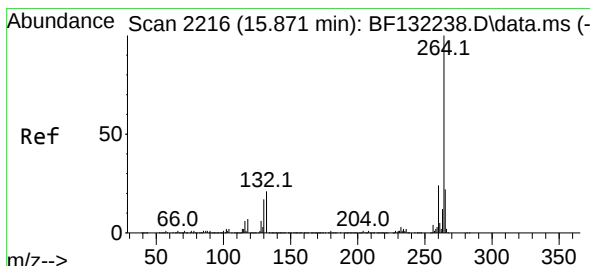
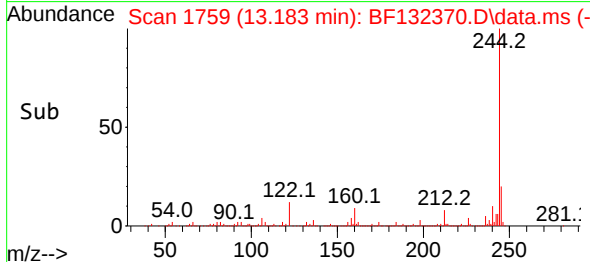
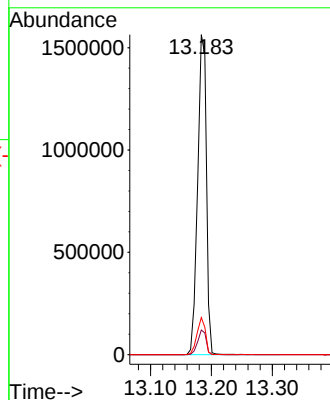
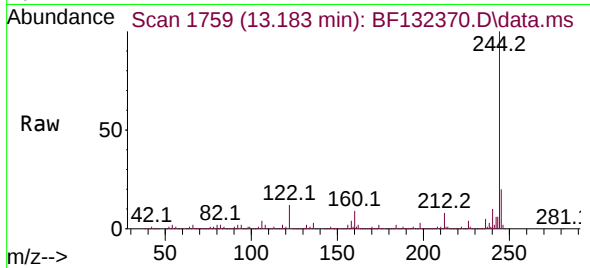




#79
 Terphenyl-d14
 Concen: 89.685 ng
 RT: 13.183 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132370.D
 Acq: 08 Feb 2023 22:23

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 1564716
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 11.6 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.818 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF132370.D
 Acq: 08 Feb 2023 22:23

Tgt Ion:264 Resp: 270502
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 22.5 17.4 26.2

