

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132802.D
 Acq On : 15 Mar 2023 14:32
 Operator : CG\JU
 Sample : PB151432BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151432BL

Quant Time: Mar 16 05:42:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	214125	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	806369	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	357354	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	896106	20.000	ng	0.00
76) Chrysene-d12	14.157	240	463261	20.000	ng	0.00
86) Perylene-d12	15.686	264	433524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1570201	119.014	ng	0.02
7) Phenol-d6	6.604	99	2063414	119.837	ng	0.00
23) Nitrobenzene-d5	7.534	82	1281100	75.376	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	597499	154.822	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2093476	89.202	ng	0.00
79) Terphenyl-d14	13.092	244	2903797	105.979	ng	0.00

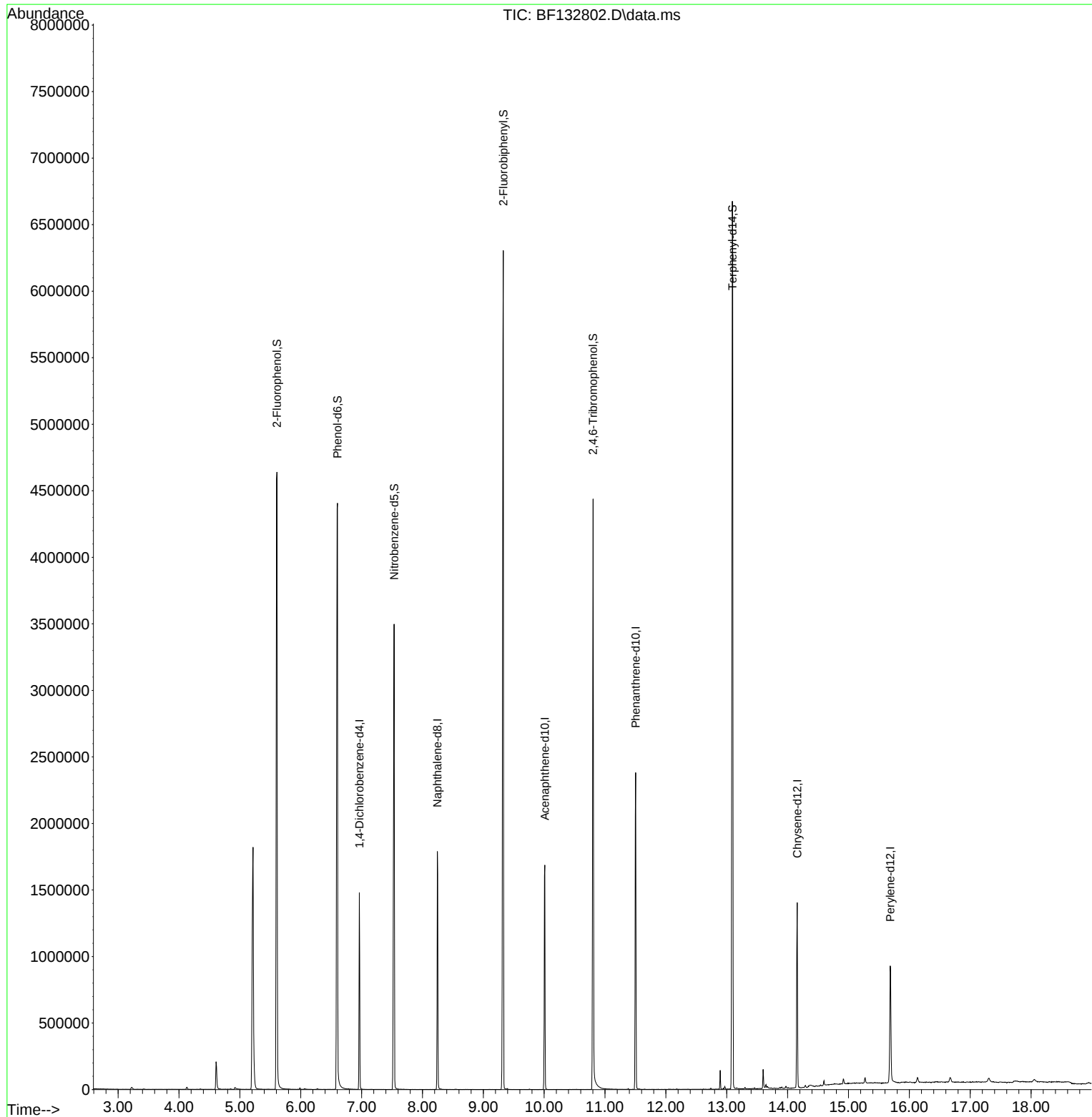
Target Compounds Qvalue

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

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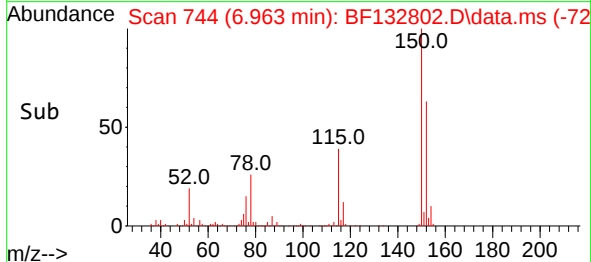
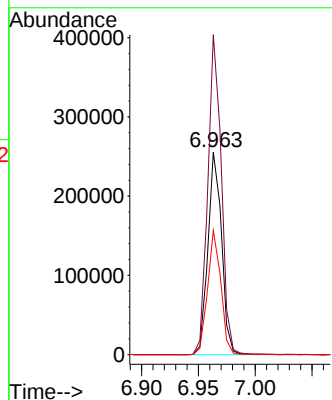
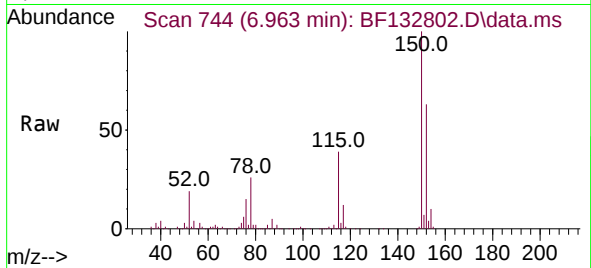




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF132802.D
 Acq: 15 Mar 2023 14:32

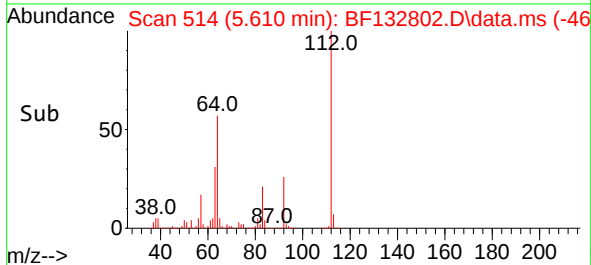
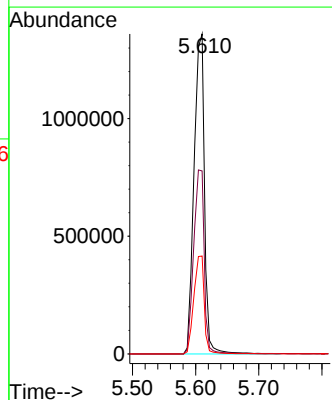
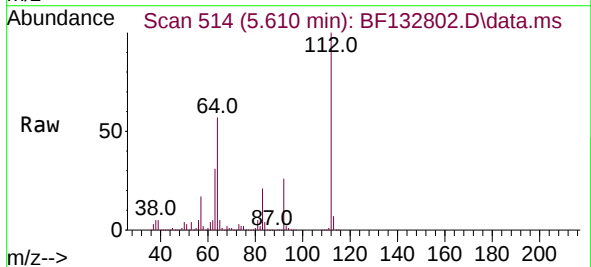
Instrument :
 BNA_F
 ClientSampleId :
 PB151432BL

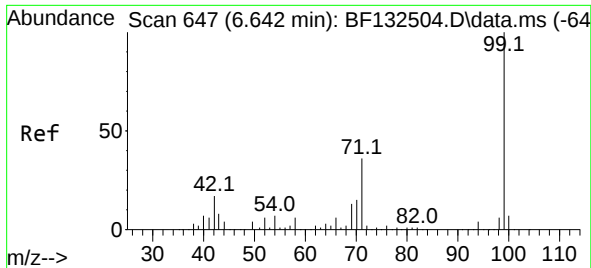
Tgt Ion:152 Resp: 214125
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.4 188.2
 115 61.3 47.8 71.6



#5
 2-Fluorophenol
 Concen: 119.014 ng
 RT: 5.610 min Scan# 514
 Delta R.T. 0.018 min
 Lab File: BF132802.D
 Acq: 15 Mar 2023 14:32

Tgt Ion:112 Resp: 1570201
 Ion Ratio Lower Upper
 112 100
 64 57.2 51.6 77.4
 63 30.6 27.4 41.2



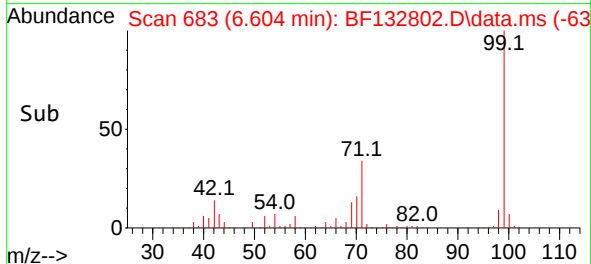
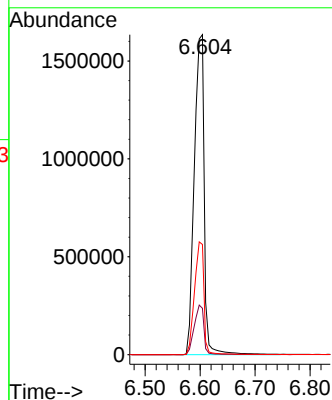
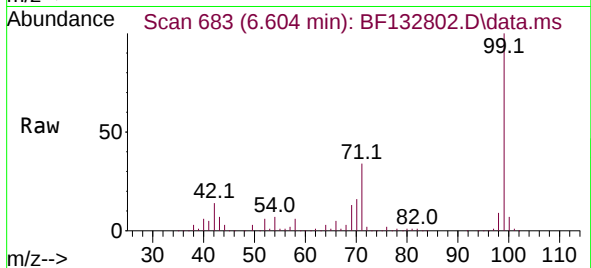


#7
Phenol-d6
Concen: 119.837 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB151432BL

Tgt Ion: 99 Resp: 2063414

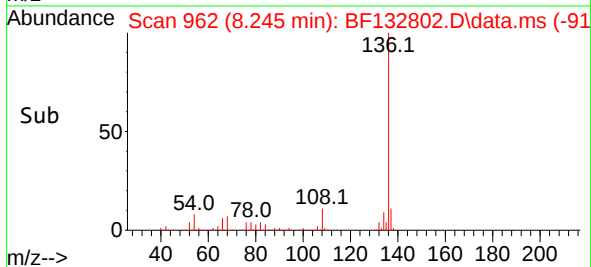
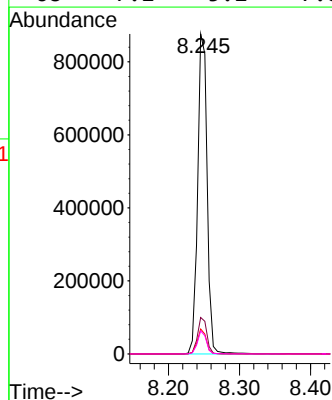
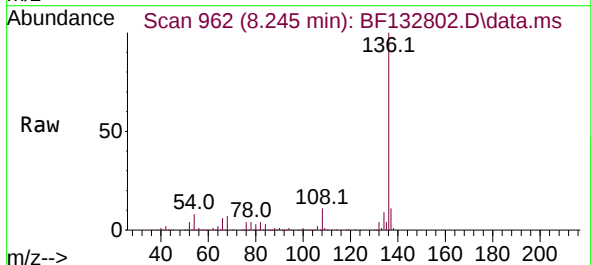
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.9	20.9
71	34.4	28.5	42.7

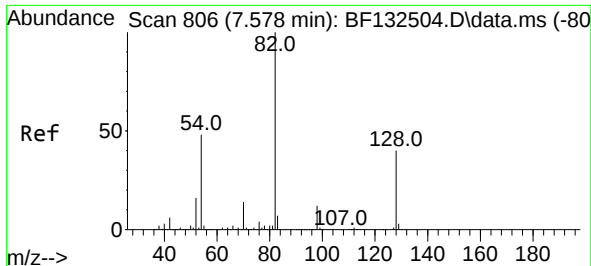


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

Tgt Ion:136 Resp: 806369

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.8	6.2	9.4
68	7.2	5.2	7.8





#23

Nitrobenzene-d5

Concen: 75.376 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132802.D

Acq: 15 Mar 2023 14:32

Instrument :

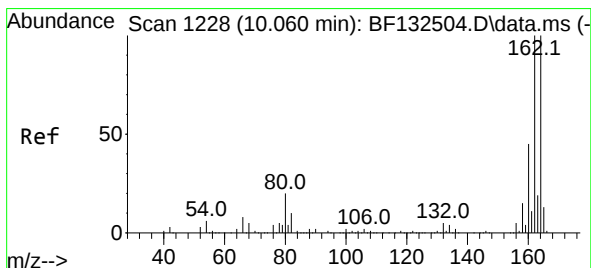
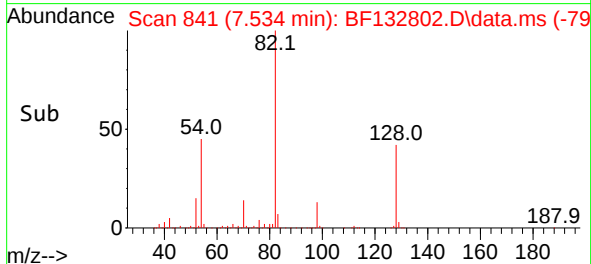
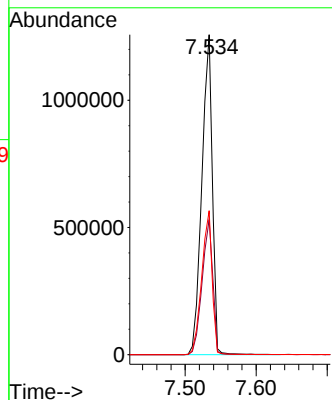
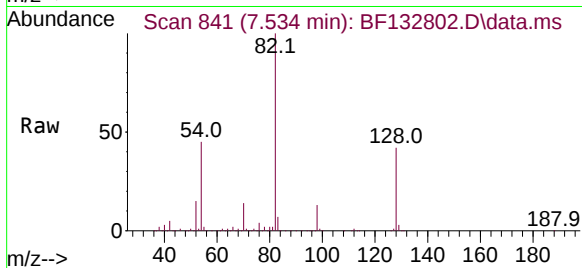
BNA_F

ClientSampleId :

PB151432BL

Tgt Ion: 82 Resp: 1281100

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.2	48.2
54	45.0	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1262

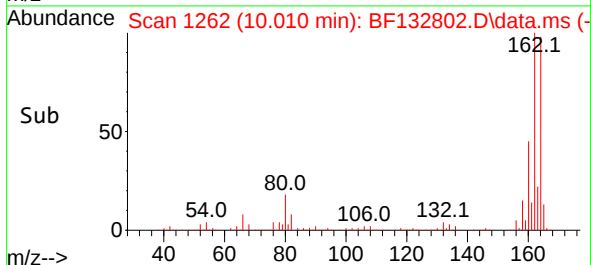
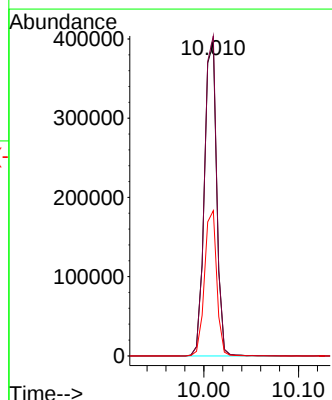
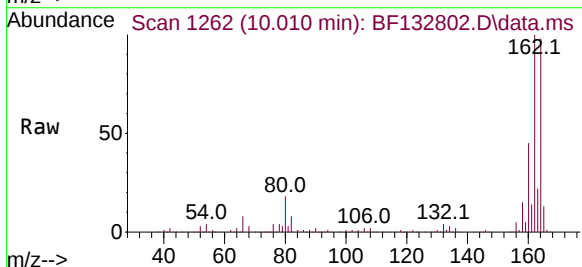
Delta R.T. -0.000 min

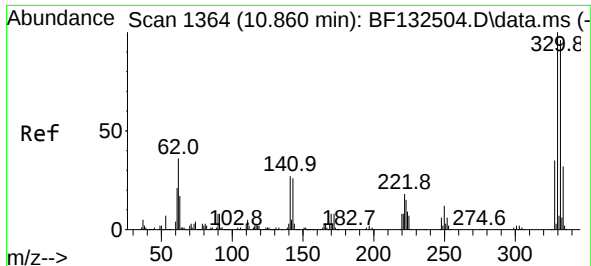
Lab File: BF132802.D

Acq: 15 Mar 2023 14:32

Tgt Ion: 164 Resp: 357354

Ion	Ratio	Lower	Upper
164	100		
162	102.3	79.8	119.8
160	46.4	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 154.822 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132802.D

Acq: 15 Mar 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB151432BL

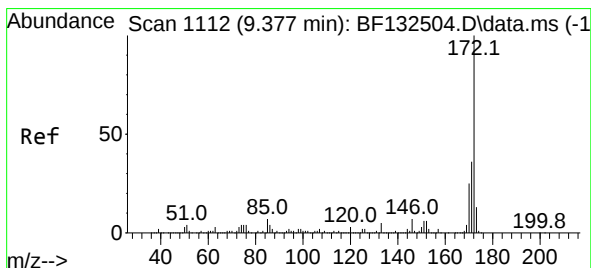
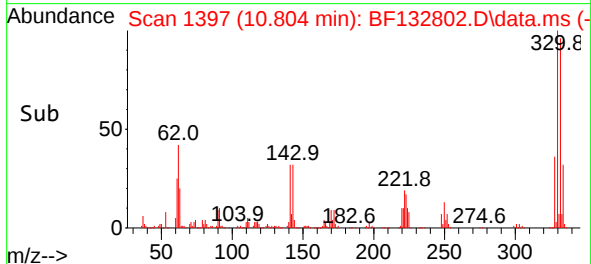
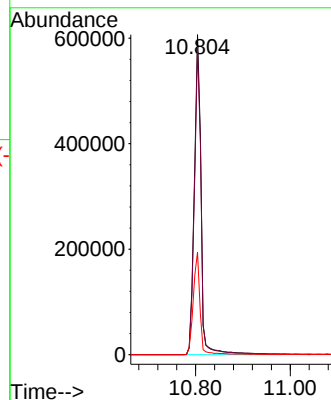
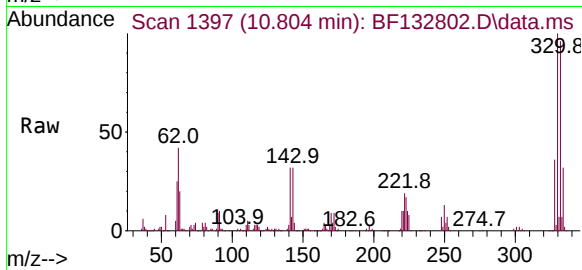
Tgt Ion:330 Resp: 597499

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 32.2 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 89.202 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF132802.D

Acq: 15 Mar 2023 14:32

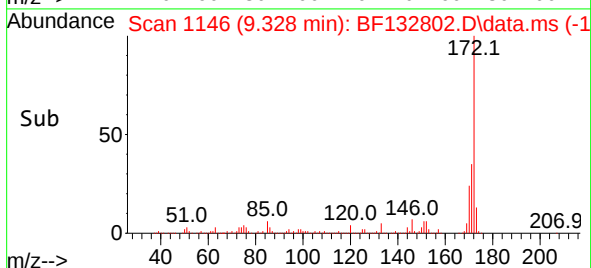
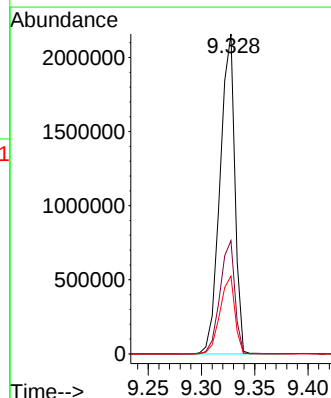
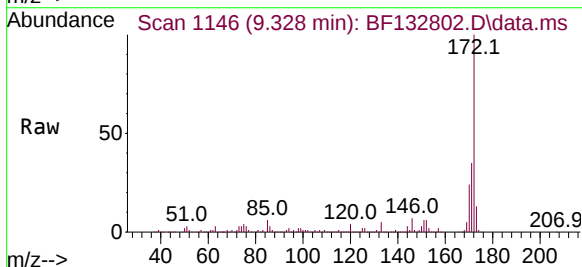
Tgt Ion:172 Resp: 2093476

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.3 19.7 29.5

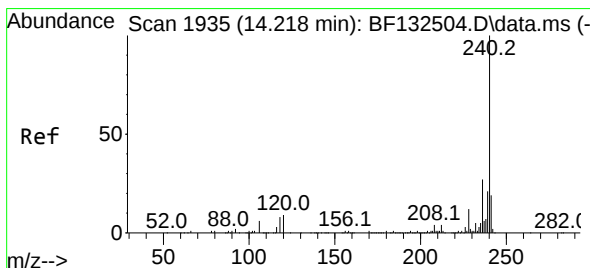
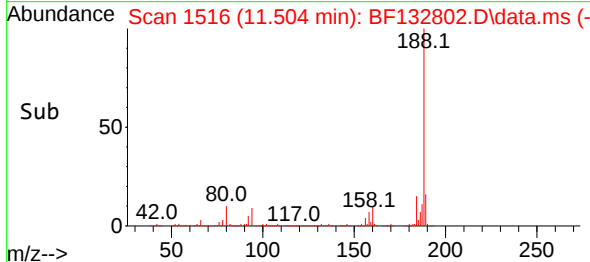
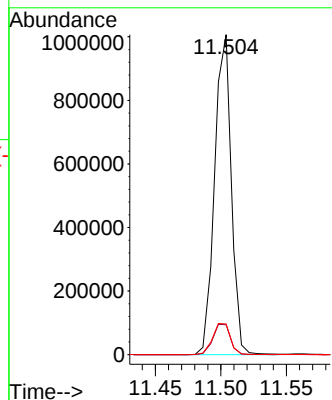
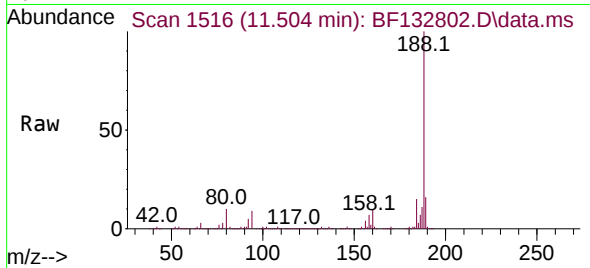




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

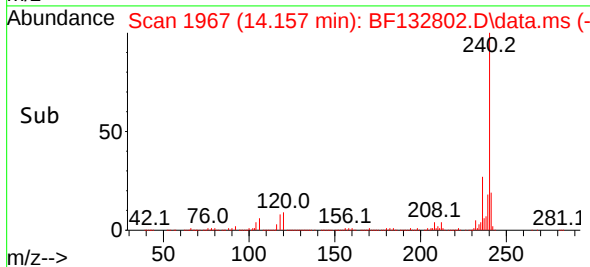
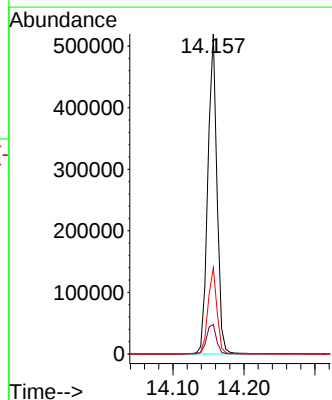
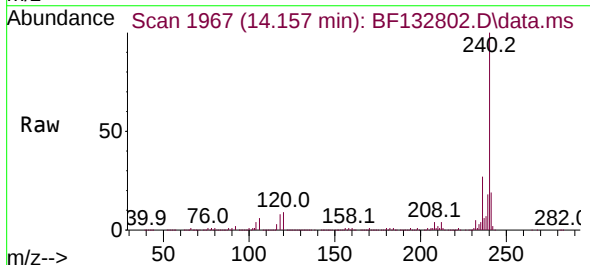
Instrument :
BNA_F
ClientSampleId :
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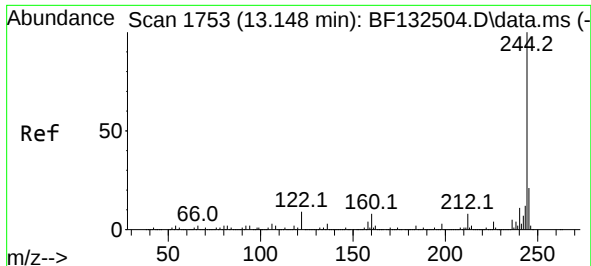
Tgt Ion:188 Resp: 896106
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

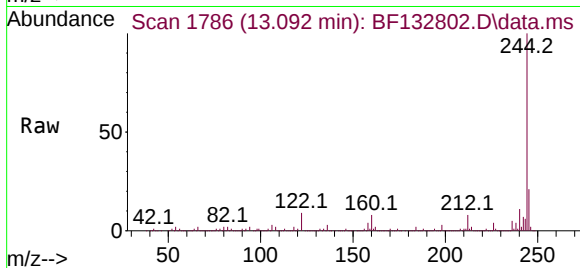
Tgt Ion:240 Resp: 463261
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 27.0 21.8 32.6



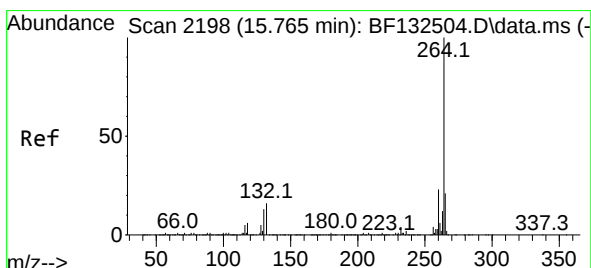
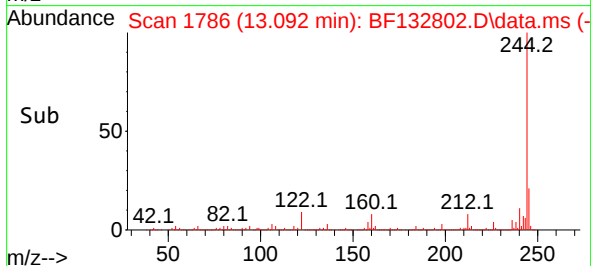
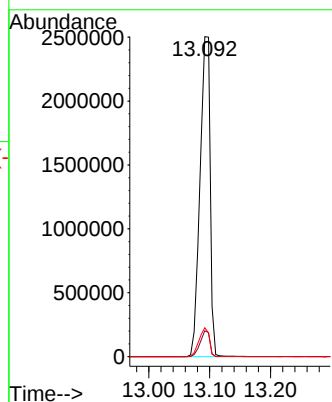


#79
 Terphenyl-d14
 Concen: 105.979 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132802.D
 Acq: 15 Mar 2023 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB151432BL



Tgt Ion:244 Resp: 2903797
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2227
 Delta R.T. -0.006 min
 Lab File: BF132802.D
 Acq: 15 Mar 2023 14:32

Tgt Ion:264 Resp: 433524
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.8 17.1 25.7

