

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132800.D
 Acq On : 15 Mar 2023 13:28
 Operator : CG\JU
 Sample : PB151406BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151406BL

Quant Time: Mar 15 13:58:17 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	208967	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	846362	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	476012	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	929645	20.000	ng	0.00
76) Chrysene-d12	14.157	240	556102	20.000	ng	0.00
86) Perylene-d12	15.686	264	438495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1645762	127.820	ng	0.02
7) Phenol-d6	6.604	99	1996624	118.820	ng	0.00
23) Nitrobenzene-d5	7.534	82	1403233	78.661	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	628061	122.174	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2267455	72.531	ng	0.00
79) Terphenyl-d14	13.092	244	2844517	86.483	ng	0.00

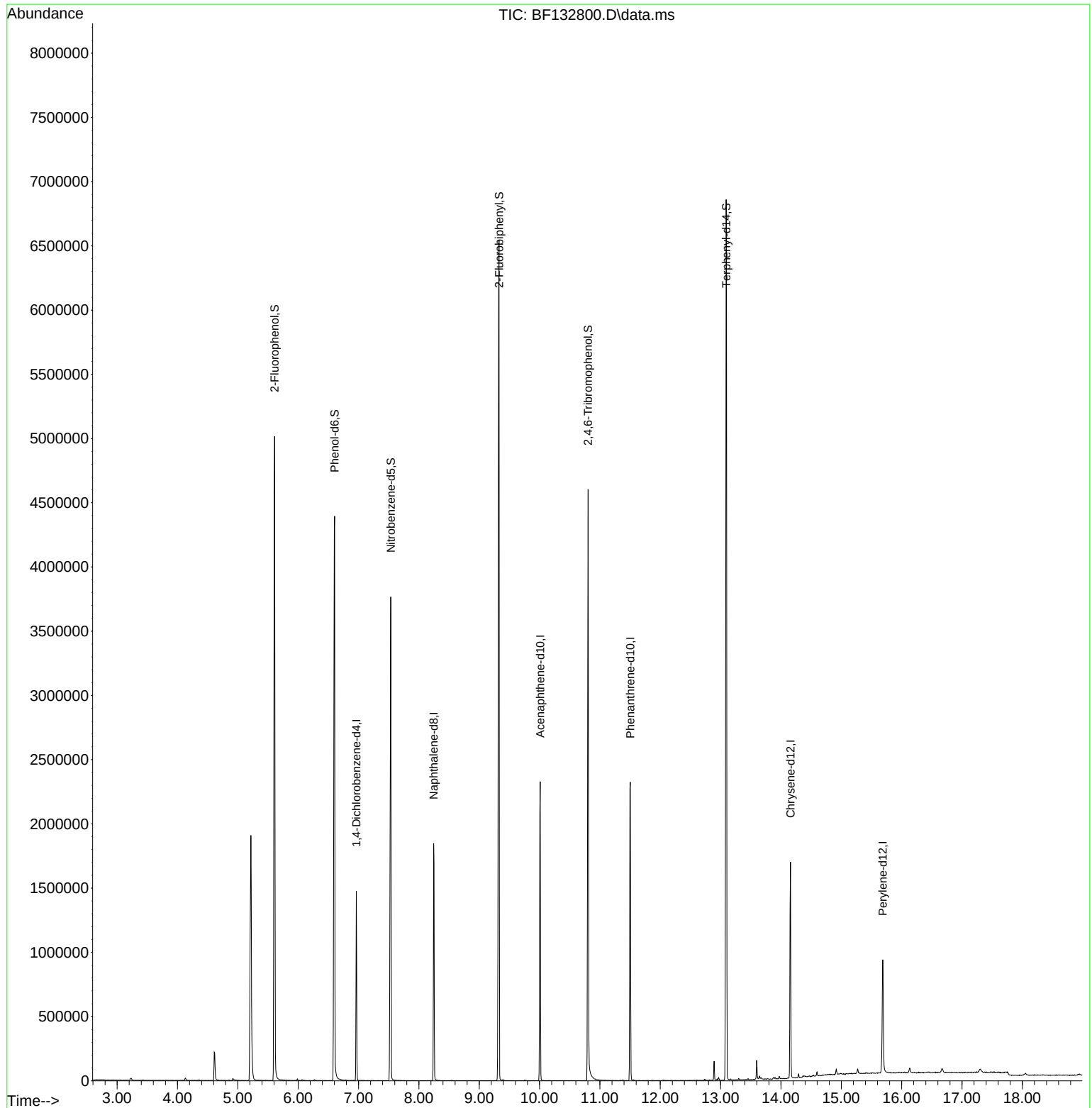
Target Compounds	Qvalue

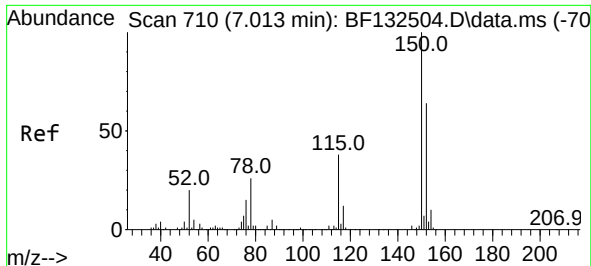
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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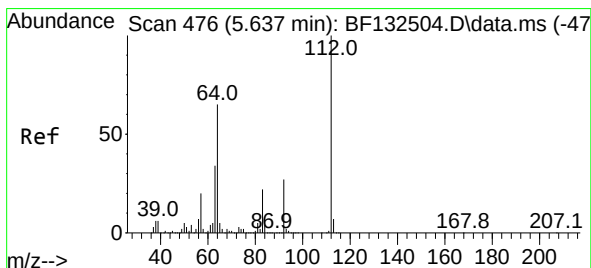
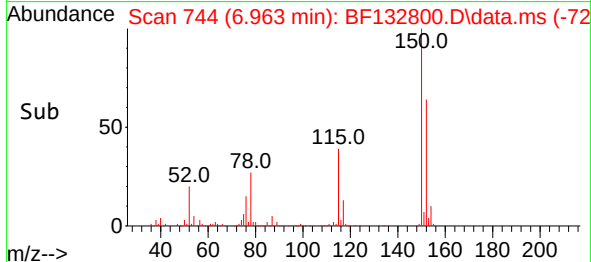
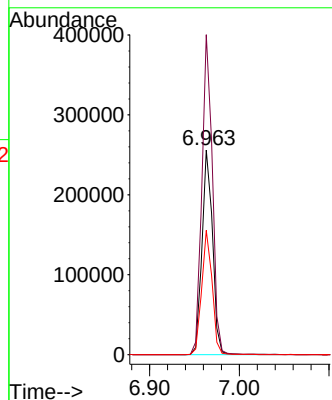
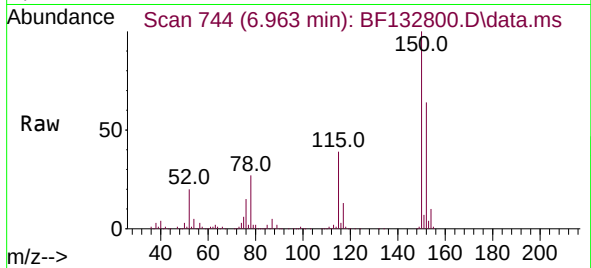




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

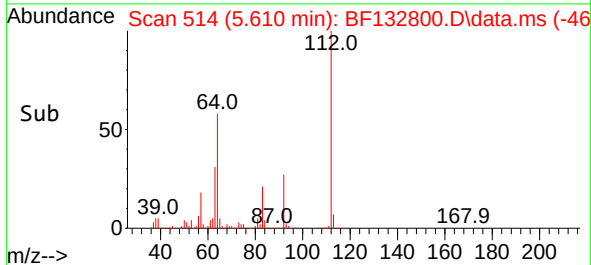
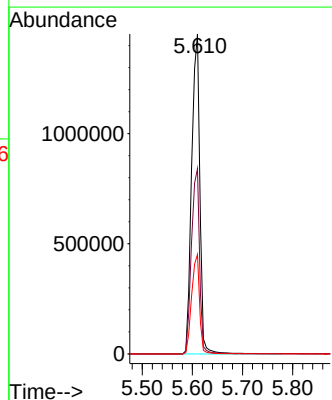
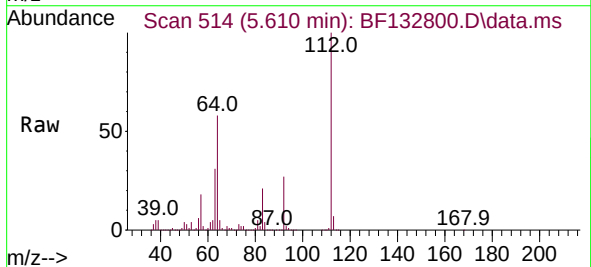
Instrument :
BNA_F
ClientSampleId :
PB151406BL

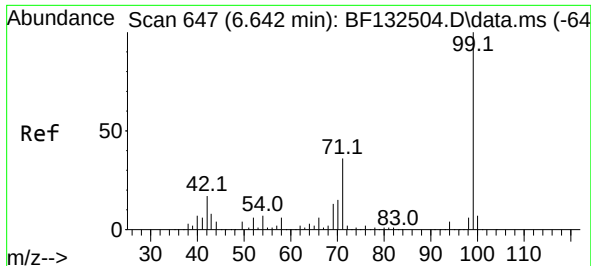
Tgt Ion:152 Resp: 208967
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.2
115 60.7 47.8 71.6



#5
2-Fluorophenol
Concen: 127.820 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion:112 Resp: 1645762
Ion Ratio Lower Upper
112 100
64 57.9 51.6 77.4
63 31.1 27.4 41.2



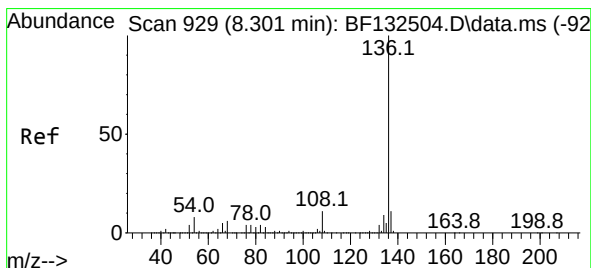
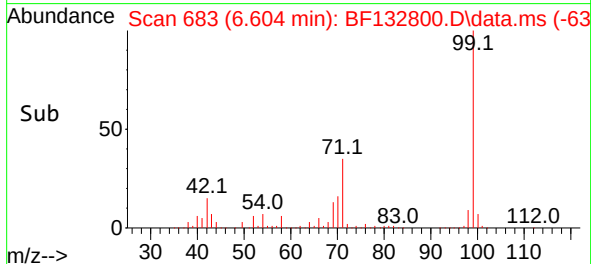
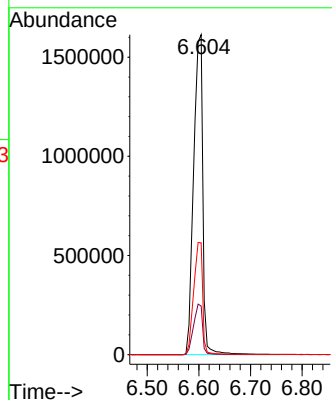
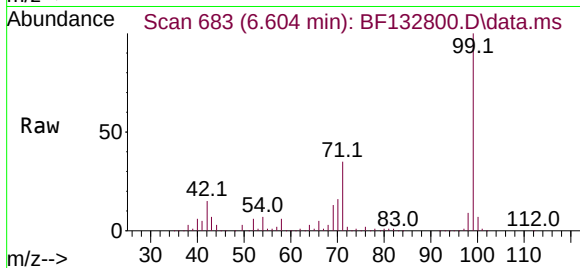


#7
Phenol-d6
Concen: 118.820 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Instrument :
BNA_F
ClientSampleId :
PB151406BL

Tgt Ion: 99 Resp: 1996624

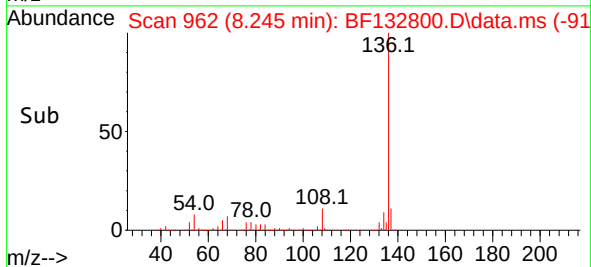
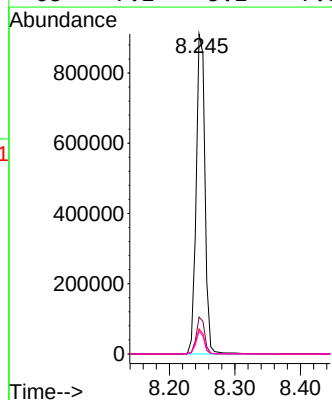
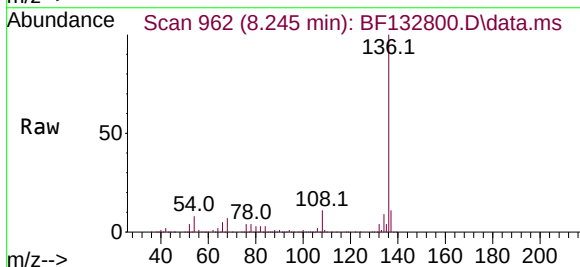
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.9	20.9
71	34.9	28.5	42.7

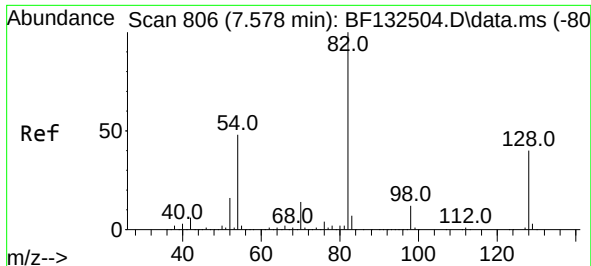


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion: 136 Resp: 846362

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.8	6.2	9.4
68	7.2	5.2	7.8



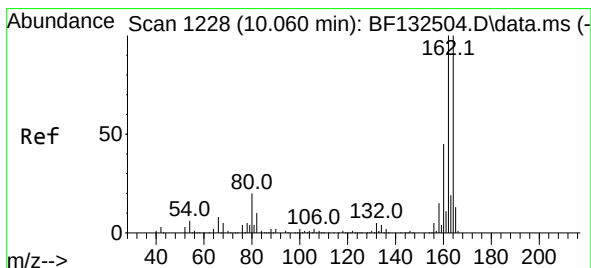
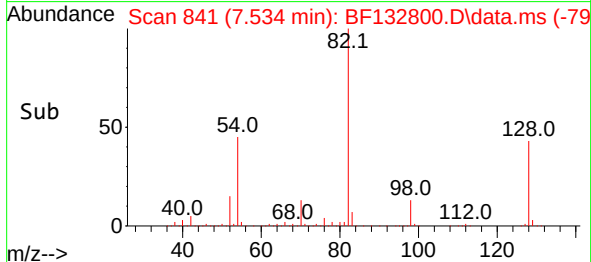
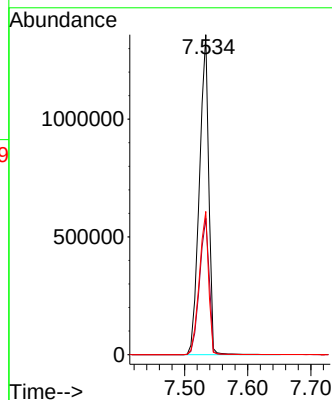
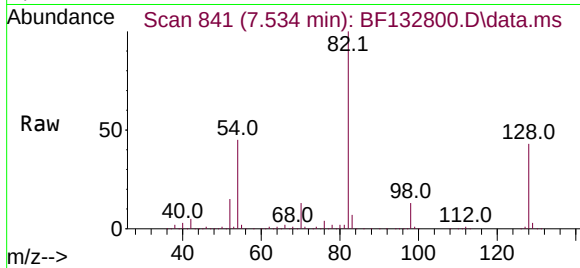


#23
 Nitrobenzene-d5
 Concen: 78.661 ng
 RT: 7.534 min Scan# 841
 Delta R.T. -0.006 min
 Lab File: BF132800.D
 Acq: 15 Mar 2023 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB151406BL

Tgt Ion: 82 Resp: 1403233

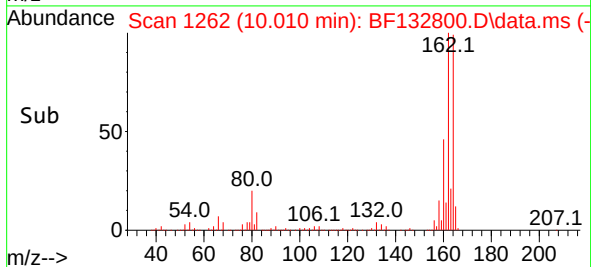
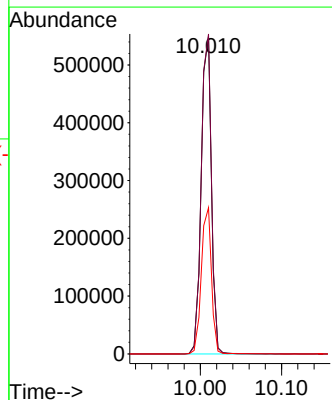
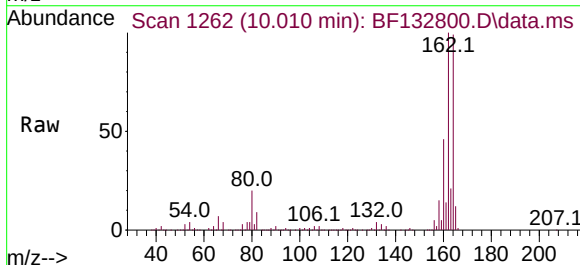
Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.2
54	44.7	38.4	57.6

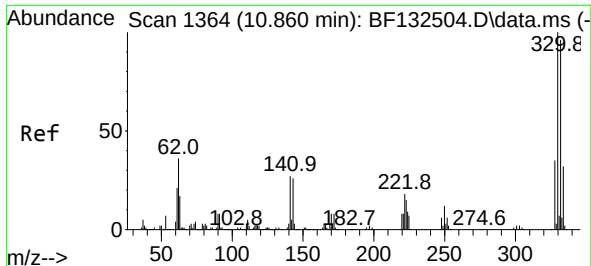


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 1262
 Delta R.T. -0.000 min
 Lab File: BF132800.D
 Acq: 15 Mar 2023 13:28

Tgt Ion: 164 Resp: 476012

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.8	119.8
160	46.0	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 122.174 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132800.D

Acq: 15 Mar 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB151406BL

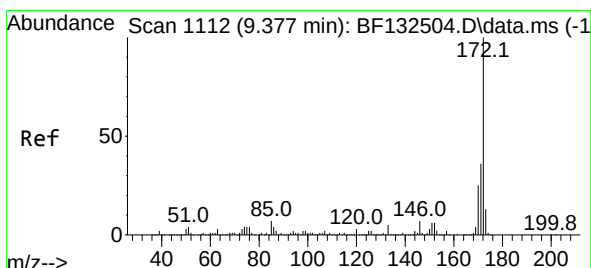
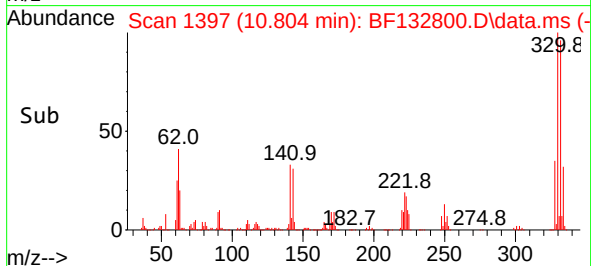
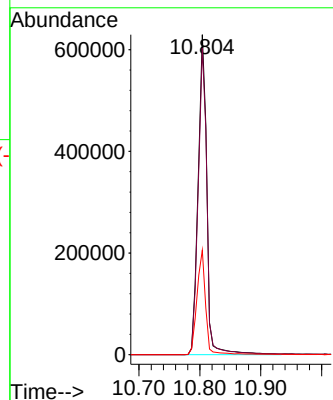
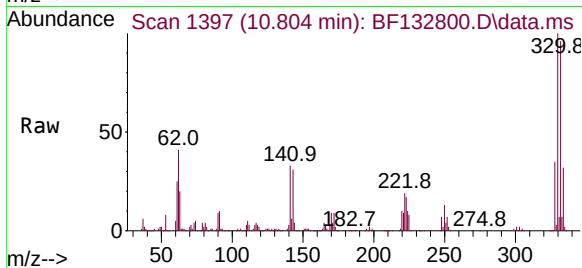
Tgt Ion:330 Resp: 628061

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 32.6 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 72.531 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF132800.D

Acq: 15 Mar 2023 13:28

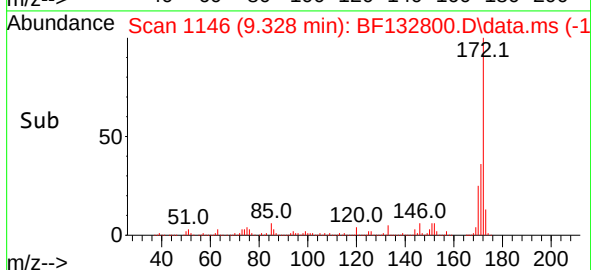
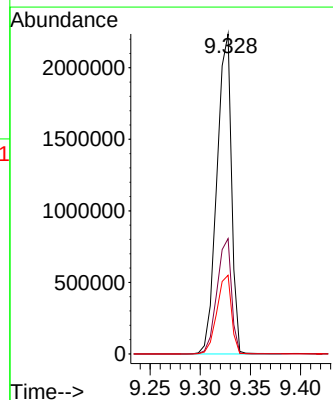
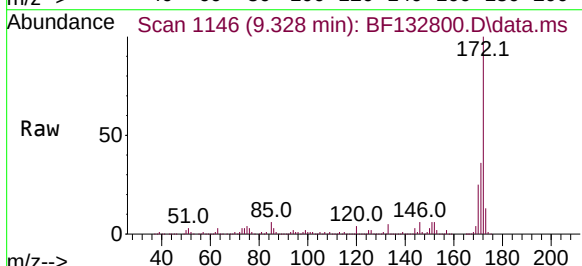
Tgt Ion:172 Resp: 2267455

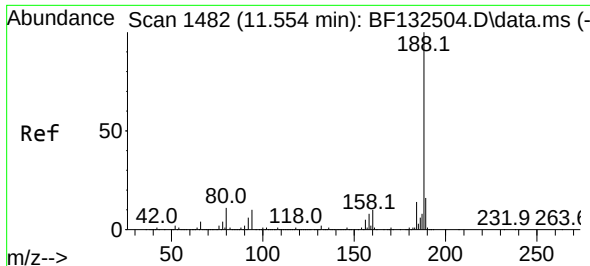
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.6 19.7 29.5

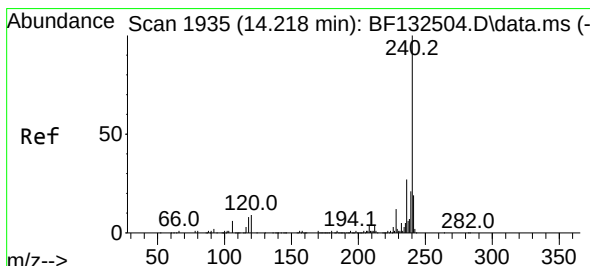
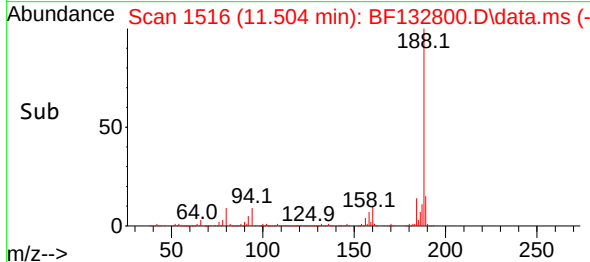
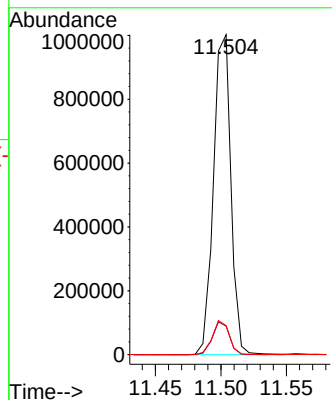
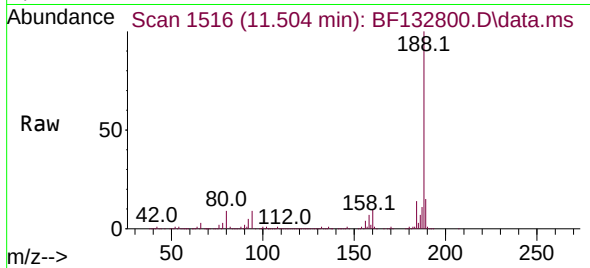




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

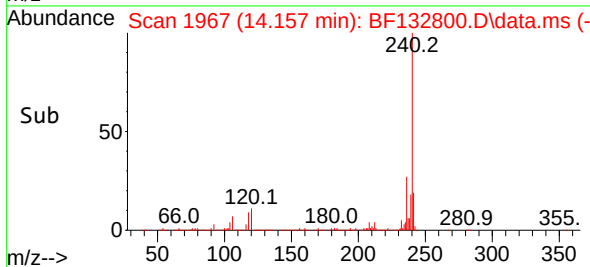
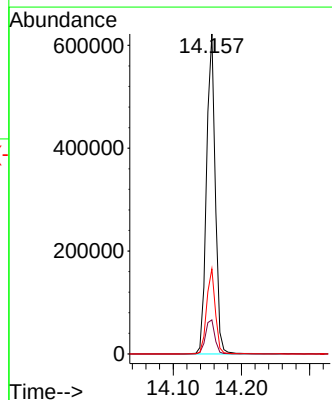
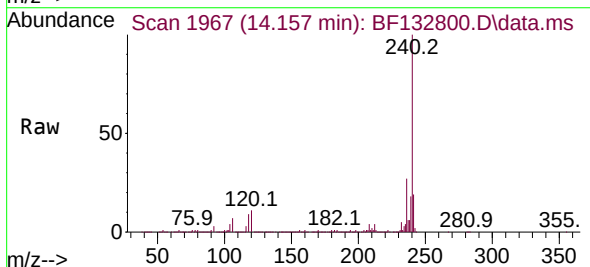
Instrument :
BNA_F
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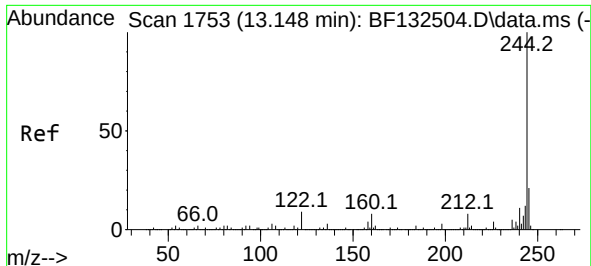
Tgt Ion:188 Resp: 929645
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.1 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

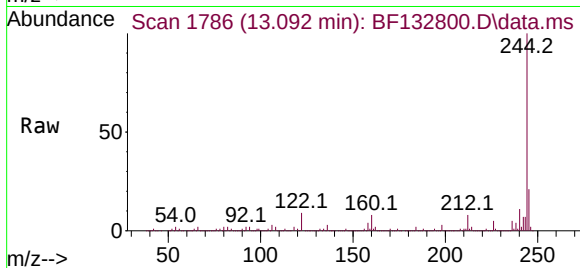
Tgt Ion:240 Resp: 556102
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.6 21.8 32.6



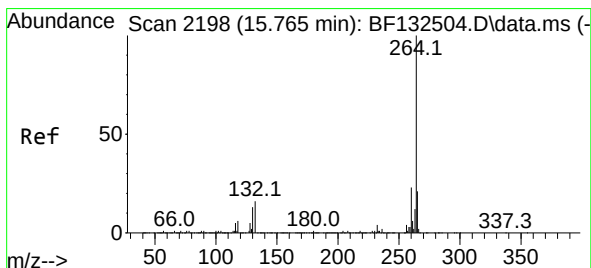
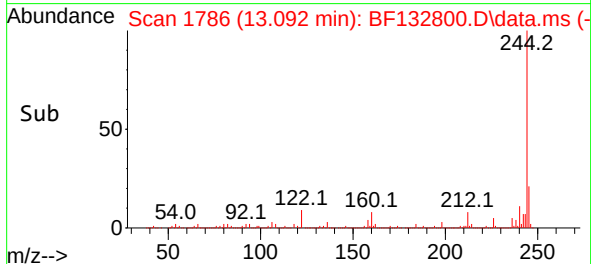
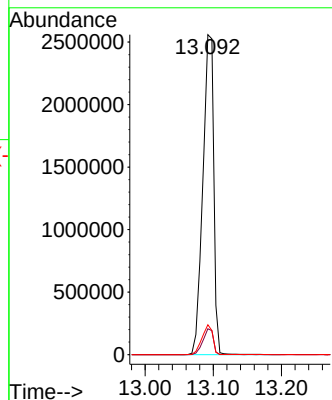


#79
 Terphenyl-d14
 Concen: 86.483 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132800.D
 Acq: 15 Mar 2023 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB151406BL



Tgt Ion:244 Resp: 2844517
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.3 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: BF132800.D
 Acq: 15 Mar 2023 13:28

Tgt Ion:264 Resp: 438495
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.2 17.1 25.7

