

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132321.D
 Acq On : 03 Feb 2023 14:34
 Operator : CG\JU
 Sample : PB150659BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150659BL

Quant Time: Feb 04 01:37:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	231480	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	906716	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	473349	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	874529	20.000	ng	0.00
76) Chrysene-d12	14.265	240	496144	20.000	ng	0.00
86) Perylene-d12	15.848	264	396416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1593102	110.625	ng	0.02
7) Phenol-d6	6.678	99	1936830	109.091	ng	0.00
23) Nitrobenzene-d5	7.625	82	1190268	73.049	ng	0.00
42) 2,4,6-Tribromophenol	10.907	330	644201	132.341	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	2148333	70.087	ng	0.00
79) Terphenyl-d14	13.207	244	2418603	94.299	ng	0.00

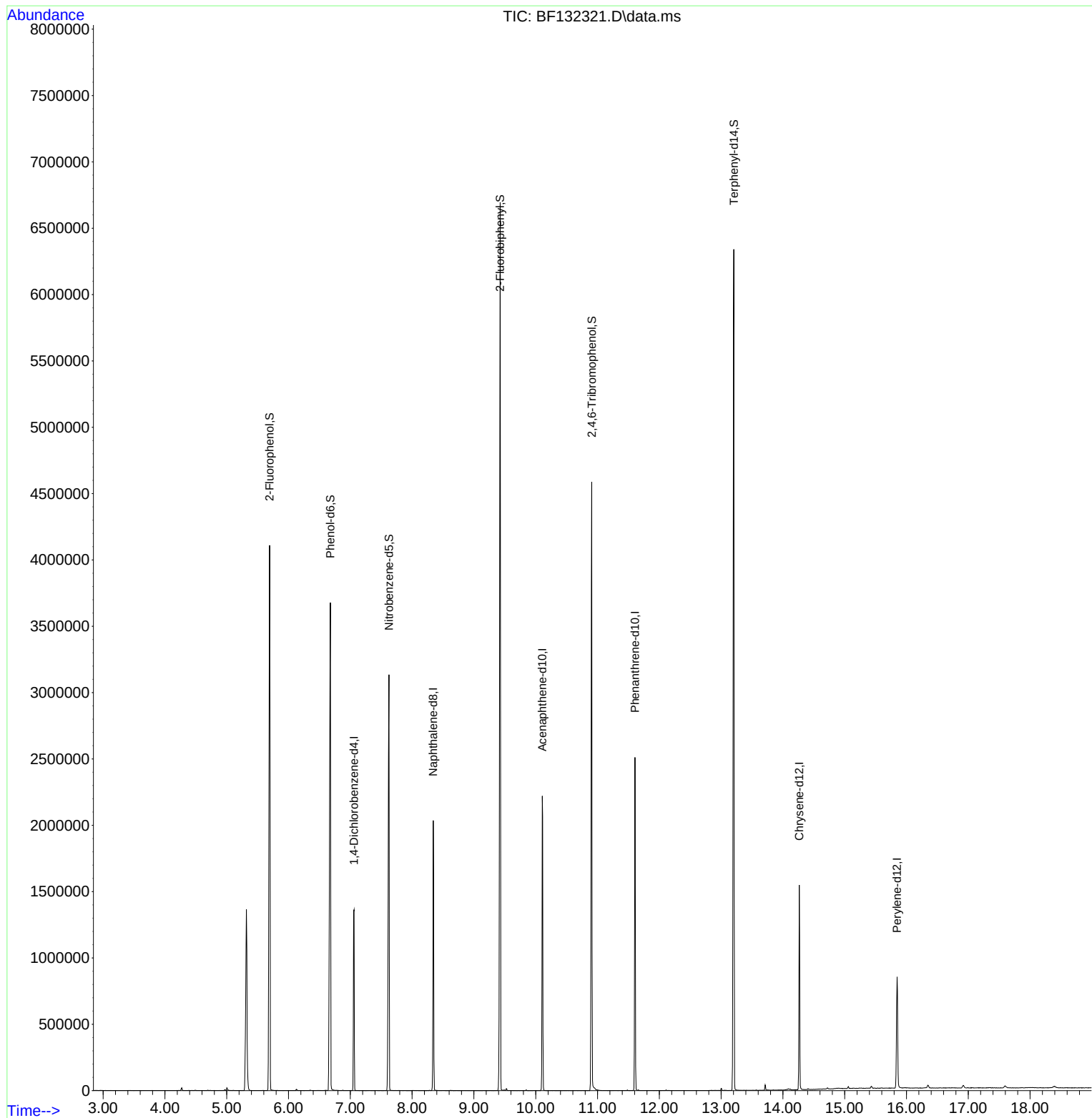
Target Compounds	Qvalue

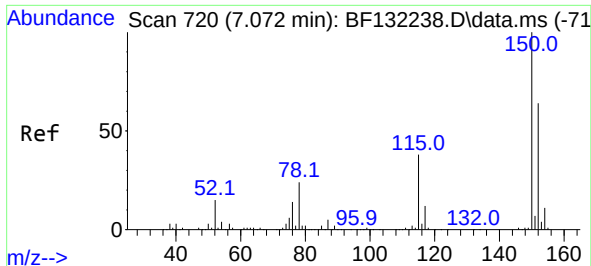
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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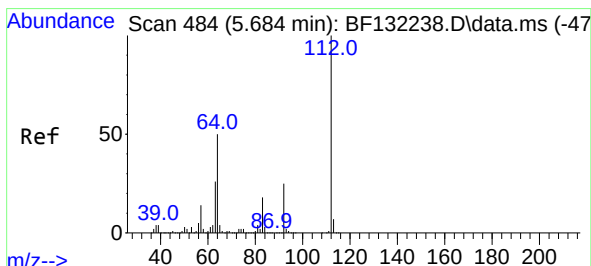
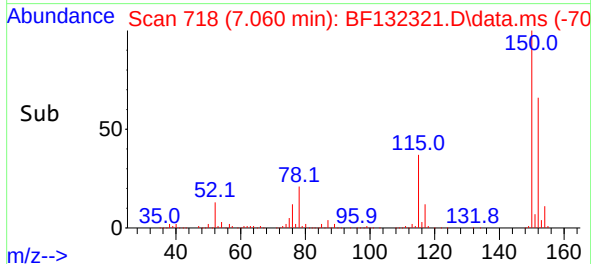
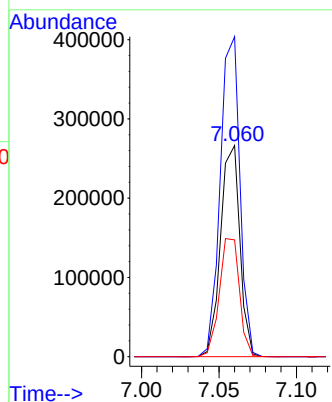
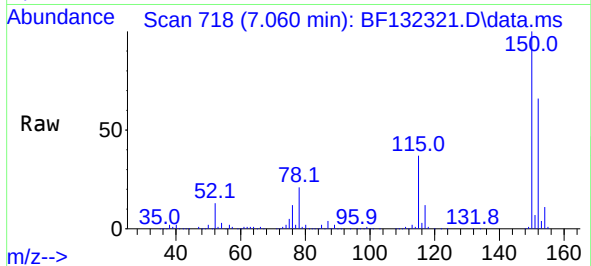




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132321.D
Acq: 03 Feb 2023 14:34

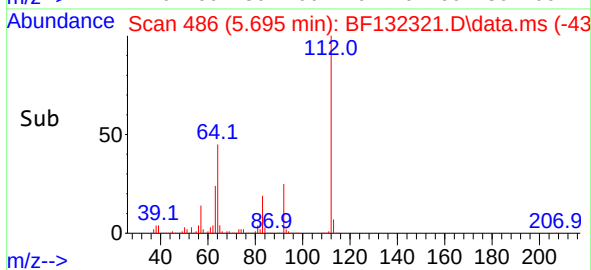
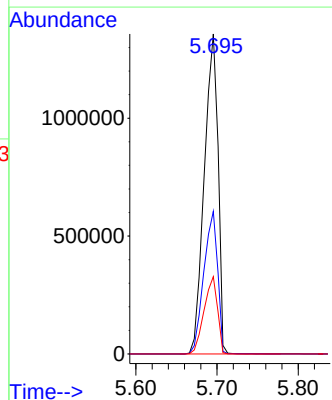
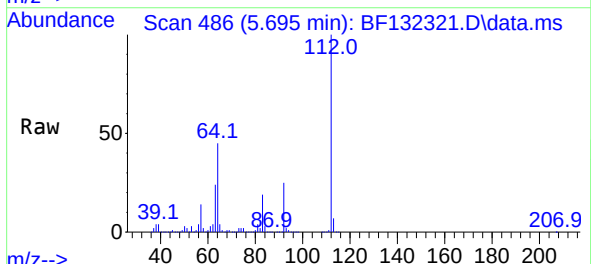
Instrument :
BNA_F
ClientSampleId :
PB150659BL

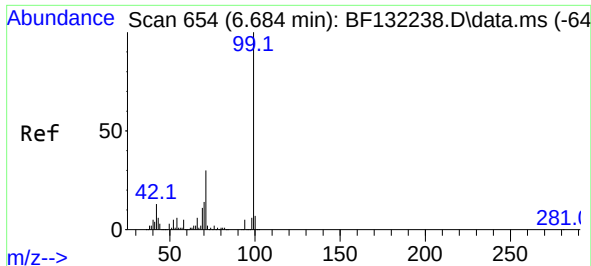
Tgt Ion:152 Resp: 231480
Ion Ratio Lower Upper
152 100
150 151.5 124.2 186.2
115 55.3 47.3 70.9



#5
2-Fluorophenol
Concen: 110.625 ng
RT: 5.695 min Scan# 486
Delta R.T. 0.018 min
Lab File: BF132321.D
Acq: 03 Feb 2023 14:34

Tgt Ion:112 Resp: 1593102
Ion Ratio Lower Upper
112 100
64 44.6 40.0 60.0
63 24.2 20.5 30.7

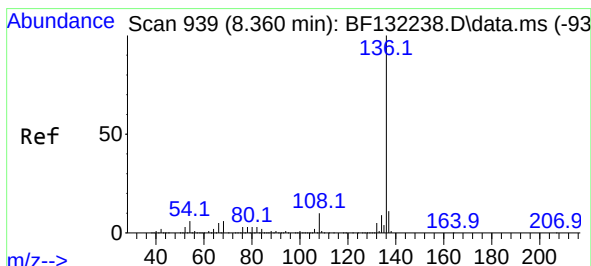
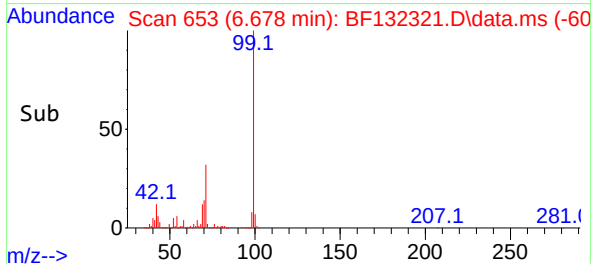
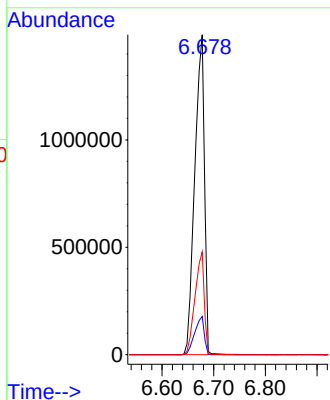
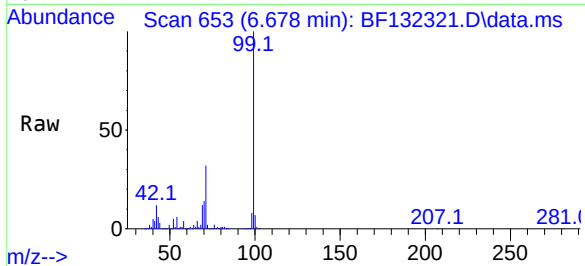




#7
Phenol-d6
Concen: 109.091 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132321.D
Acq: 03 Feb 2023 14:34

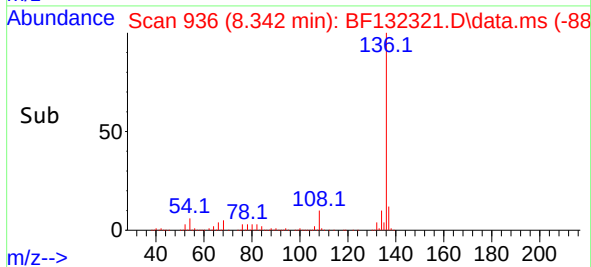
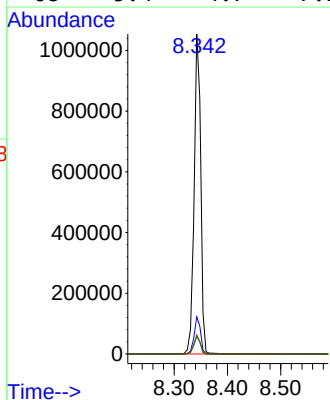
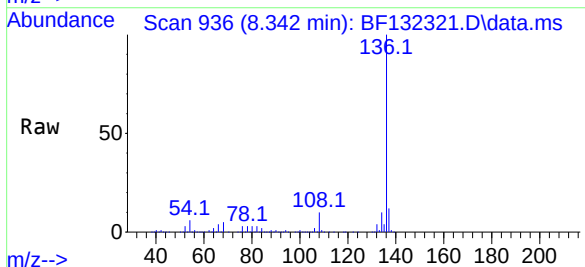
Instrument :
BNA_F
ClientSampleId :
PB150659BL

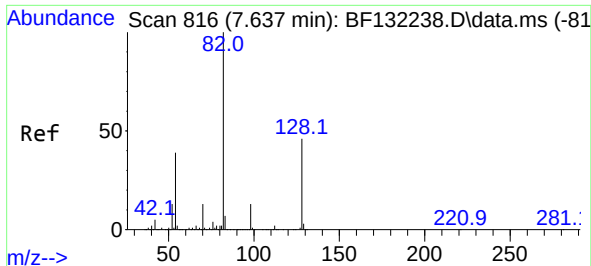
Tgt Ion: 99 Resp: 1936830
Ion Ratio Lower Upper
99 100
42 11.9 10.1 15.1
71 32.1 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.342 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF132321.D
Acq: 03 Feb 2023 14:34

Tgt Ion:136 Resp: 906716
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.9 4.9 7.3
68 5.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 73.049 ng

RT: 7.625 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132321.D

Acq: 03 Feb 2023 14:34

Instrument :

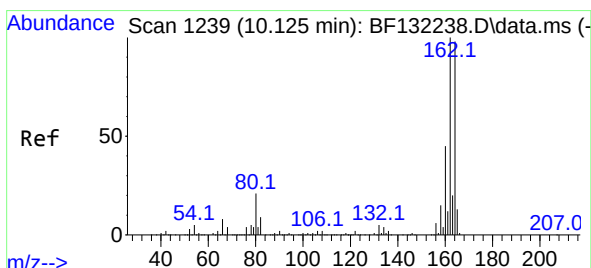
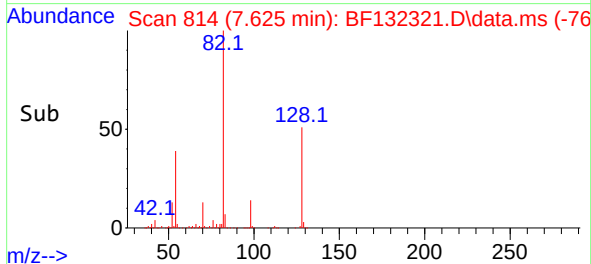
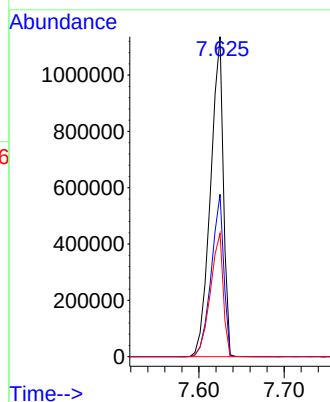
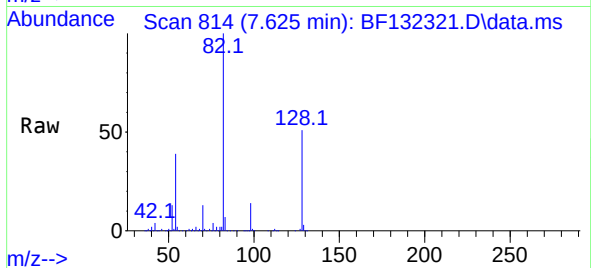
BNA_F

ClientSampleId :

PB150659BL

Tgt Ion: 82 Resp: 1190268

Ion	Ratio	Lower	Upper
82	100		
128	50.8	37.0	55.4
54	38.5	31.5	47.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.107 min Scan# 1236

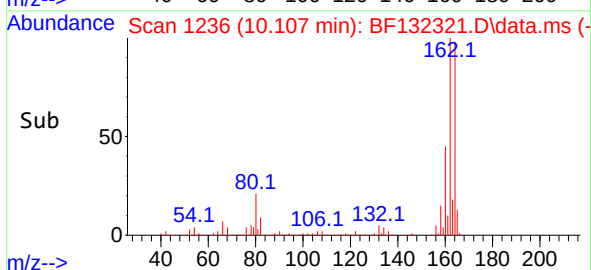
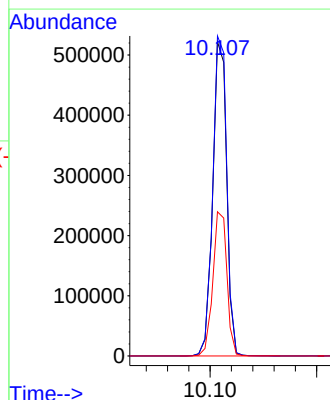
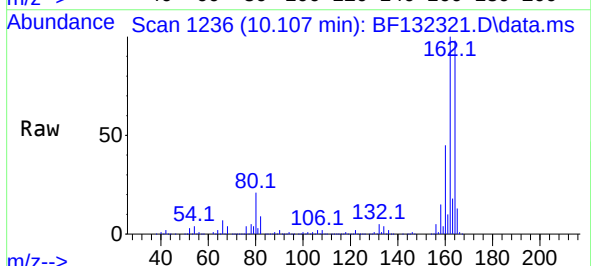
Delta R.T. -0.006 min

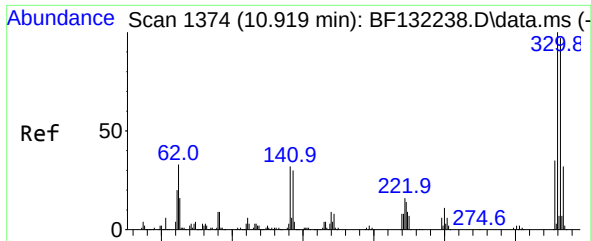
Lab File: BF132321.D

Acq: 03 Feb 2023 14:34

Tgt Ion: 164 Resp: 473349

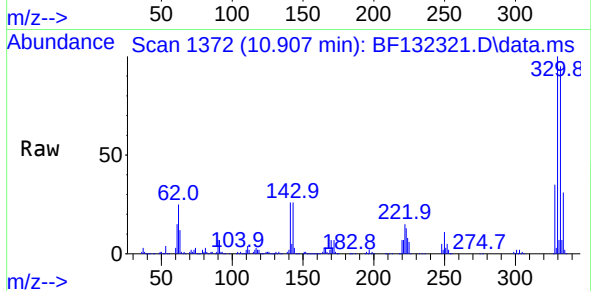
Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.0	123.0
160	45.9	37.1	55.7



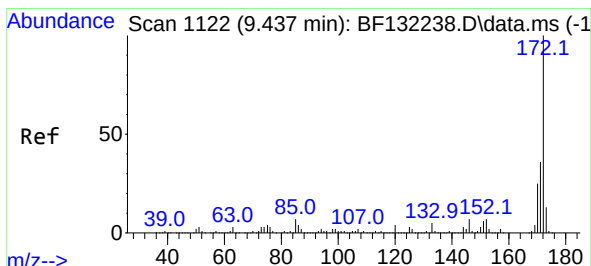
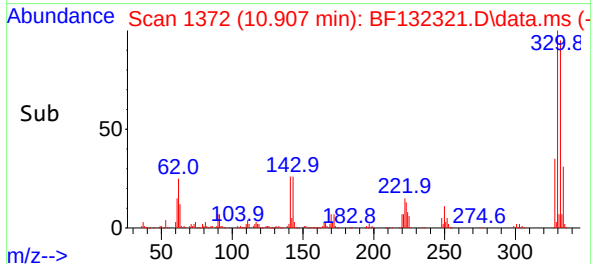
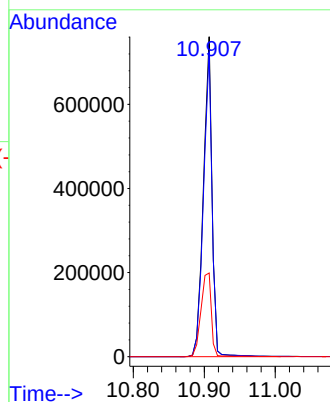


#42
2,4,6-Tribromophenol
Concen: 132.341 ng
RT: 10.907 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF132321.D
Acq: 03 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :
PB150659BL

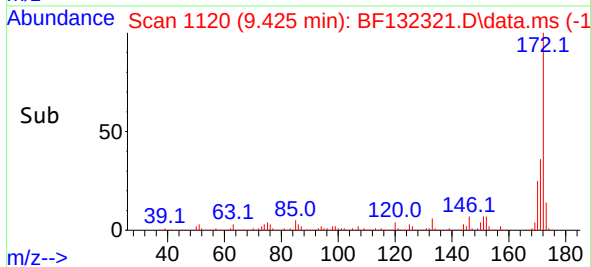
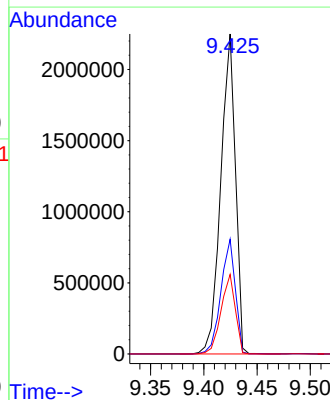
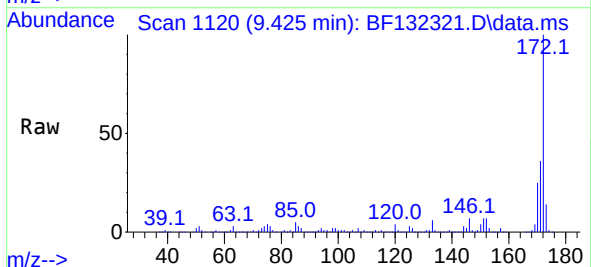


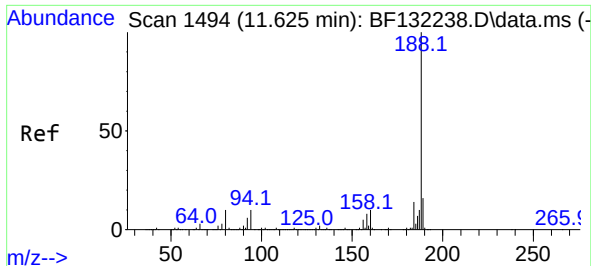
Tgt Ion:330 Resp: 644201
Ion Ratio Lower Upper
330 100
332 96.1 77.9 116.9
141 31.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 70.087 ng
RT: 9.425 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF132321.D
Acq: 03 Feb 2023 14:34

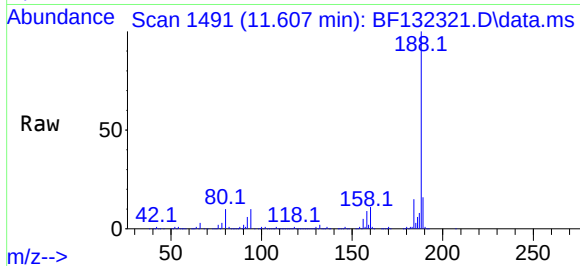
Tgt Ion:172 Resp: 2148333
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.8 19.7 29.5



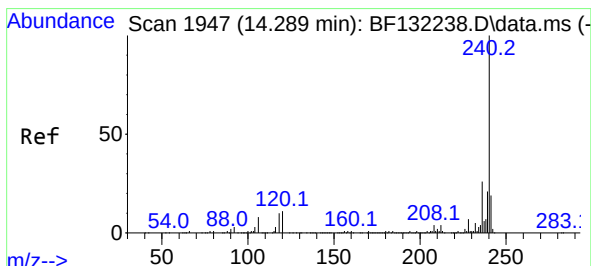
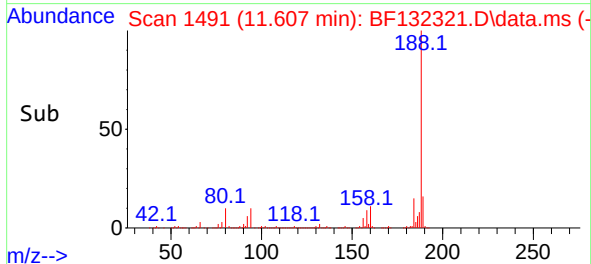
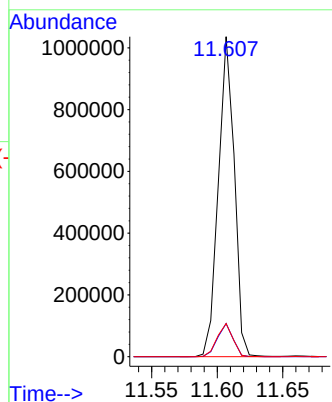


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF132321.D
Acq: 03 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :
PB150659BL

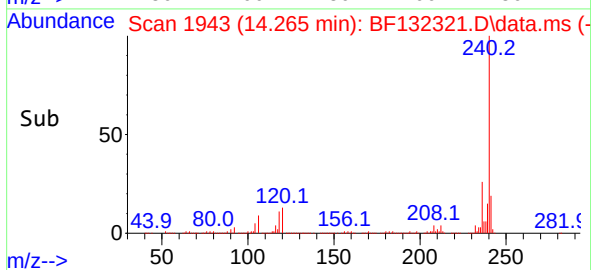
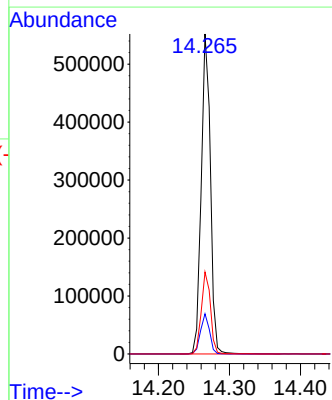
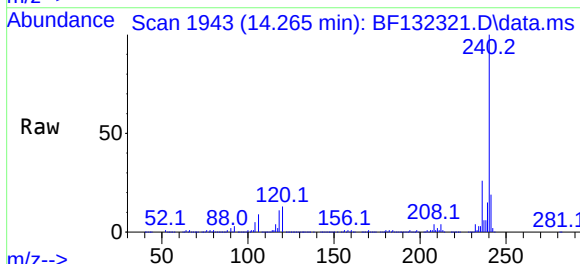


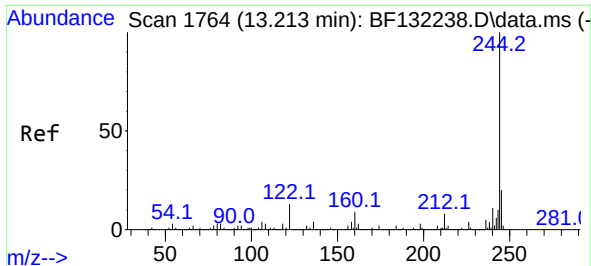
Tgt Ion:188 Resp: 874529
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.4 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.265 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF132321.D
Acq: 03 Feb 2023 14:34

Tgt Ion:240 Resp: 496144
Ion Ratio Lower Upper
240 100
120 12.6 8.8 13.2
236 25.6 21.0 31.6

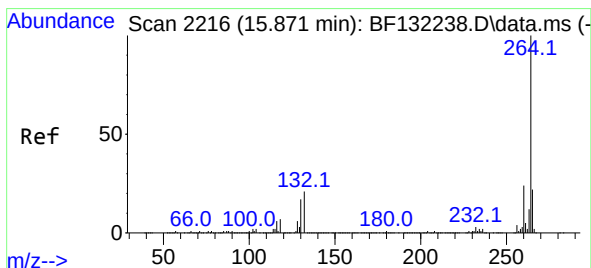
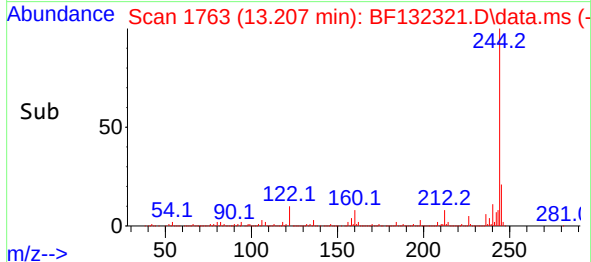
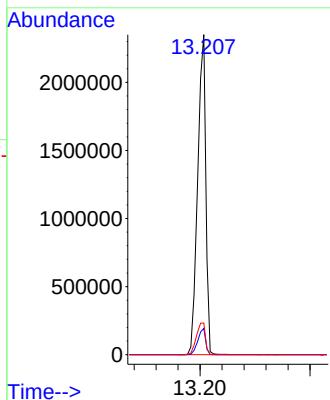
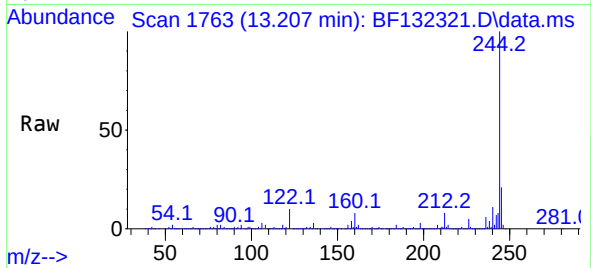




#79
 Terphenyl-d14
 Concen: 94.299 ng
 RT: 13.207 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132321.D
 Acq: 03 Feb 2023 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB150659BL

Tgt Ion:244 Resp: 2418603
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 9.9 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.848 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF132321.D
 Acq: 03 Feb 2023 14:34

Tgt Ion:264 Resp: 396416
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.4 17.4 26.2

