

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132059.D
 Acq On : 13 Jan 2023 14:56
 Operator : CG\JU
 Sample : PB150154TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150154TB

Quant Time: Jan 16 01:16:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	82292	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	304481	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	186712	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	366170	20.000	ng	0.00
76) Chrysene-d12	13.962	240	256367	20.000	ng	0.00
86) Perylene-d12	15.421	264	171192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	690859	138.335	ng	0.02
7) Phenol-d6	6.428	99	874841	132.120	ng	0.00
23) Nitrobenzene-d5	7.345	82	625044	85.199	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	272125	126.760	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1112170	80.412	ng	0.00
79) Terphenyl-d14	12.910	244	1448770	80.996	ng	0.00

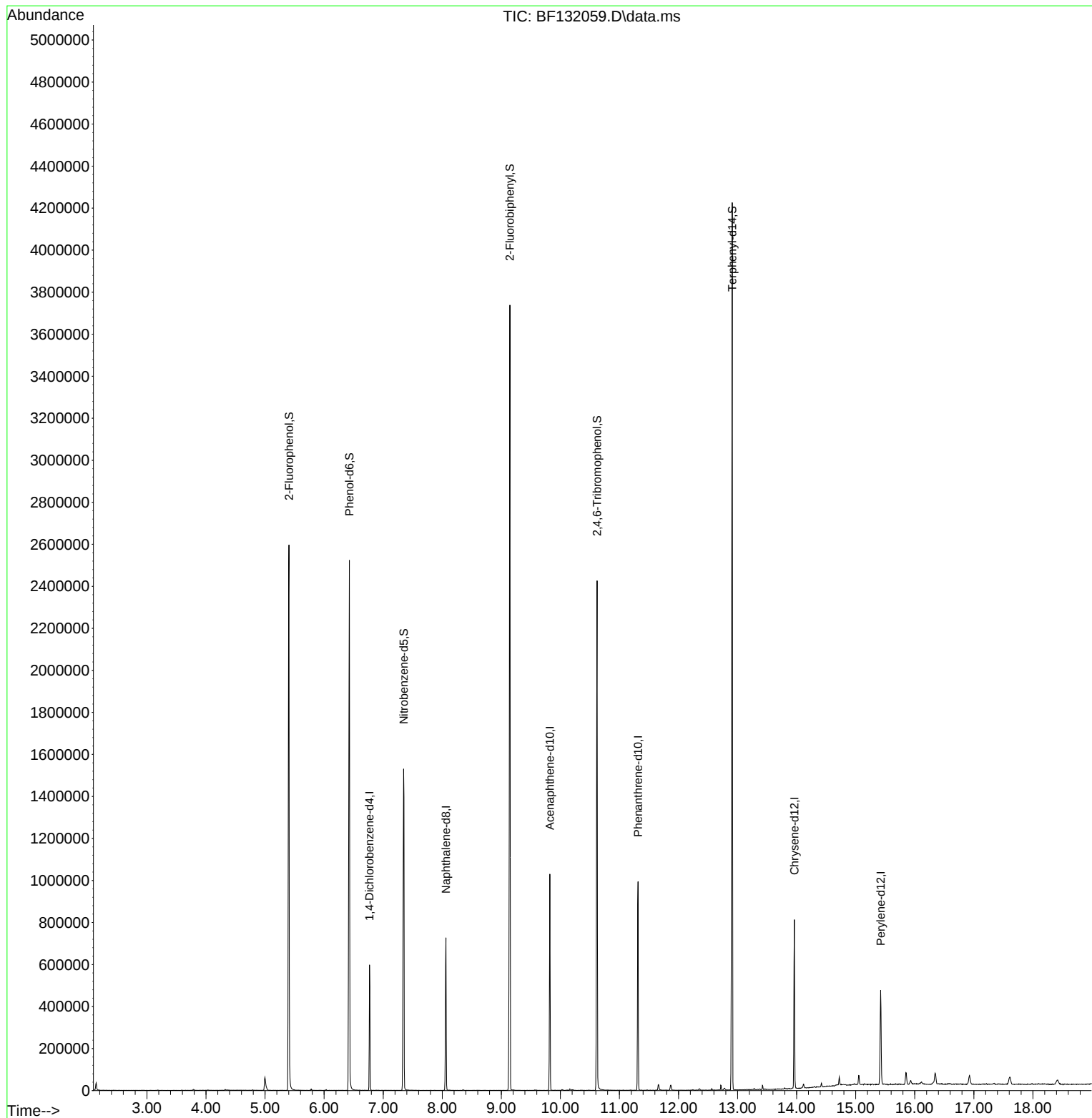
Target Compounds	Qvalue

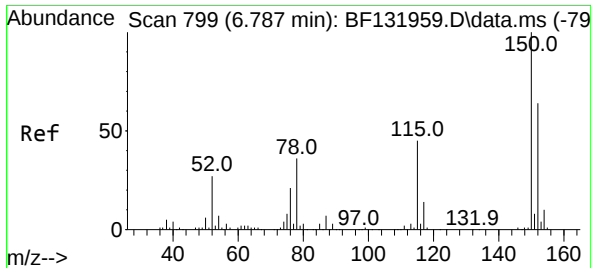
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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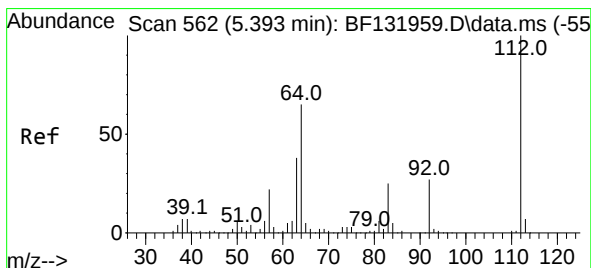
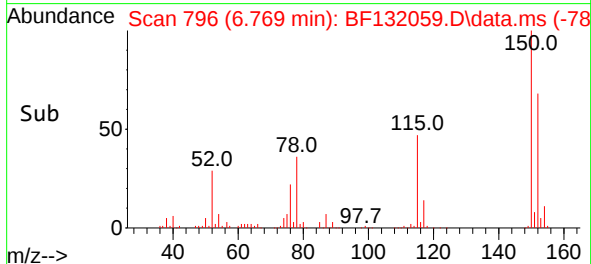
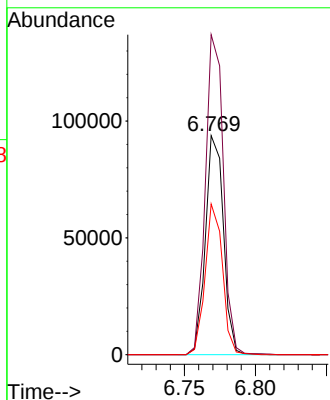
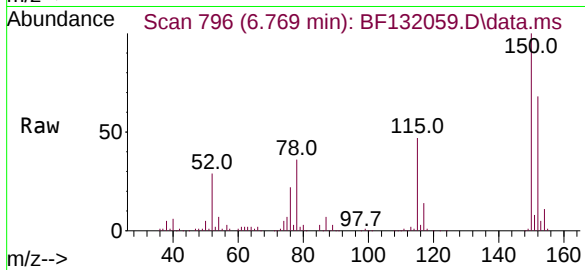




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

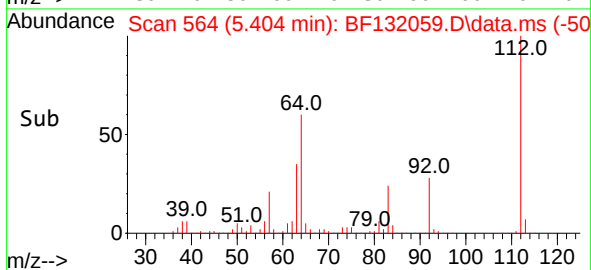
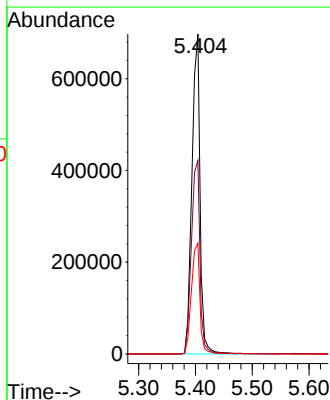
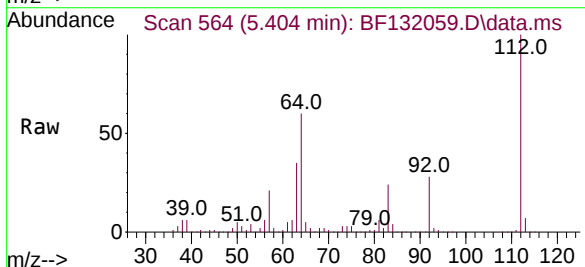
Instrument :
BNA_F
ClientSampleId :
PB150154TB

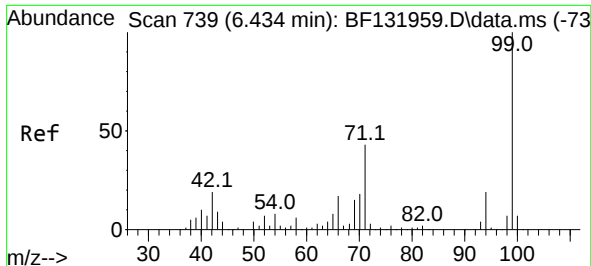
Tgt Ion:152 Resp: 82292
Ion Ratio Lower Upper
152 100
150 146.2 124.6 186.8
115 68.8 55.6 83.4



#5
2-Fluorophenol
Concen: 138.335 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion:112 Resp: 690859
Ion Ratio Lower Upper
112 100
64 60.4 51.9 77.9
63 34.6 30.2 45.2

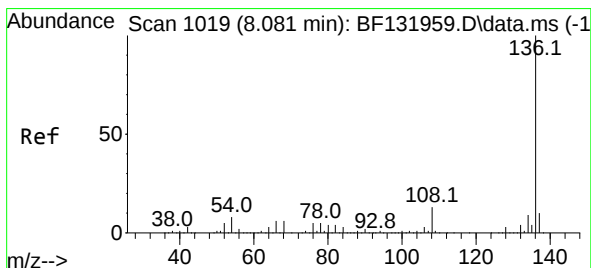
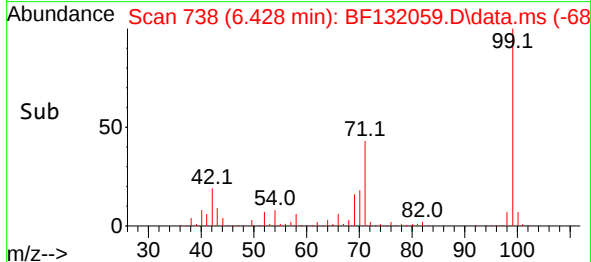
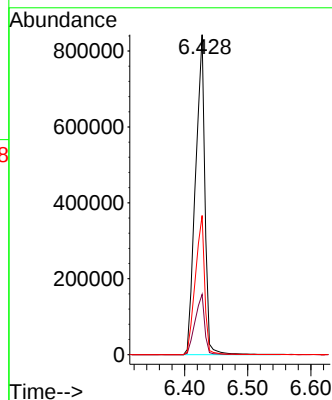
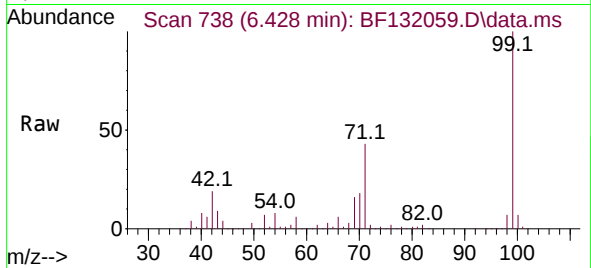




#7
Phenol-d6
Concen: 132.120 ng
RT: 6.428 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

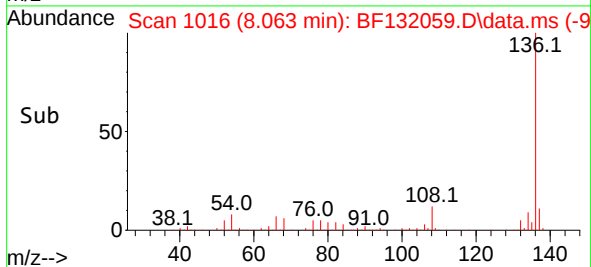
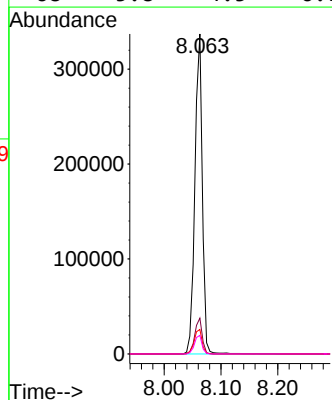
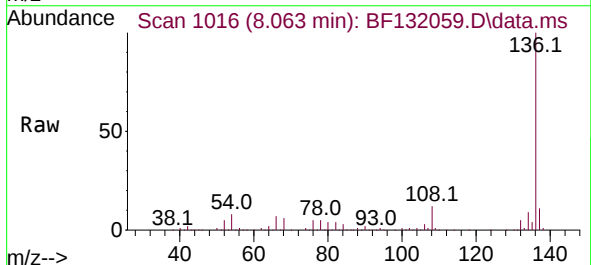
Instrument :
BNA_F
ClientSampleId :
PB150154TB

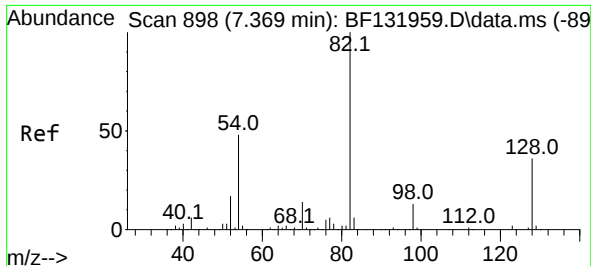
Tgt Ion: 99 Resp: 874841
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.2
71 43.5 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion: 136 Resp: 304481
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 7.6 6.6 9.8
68 5.8 4.5 6.7

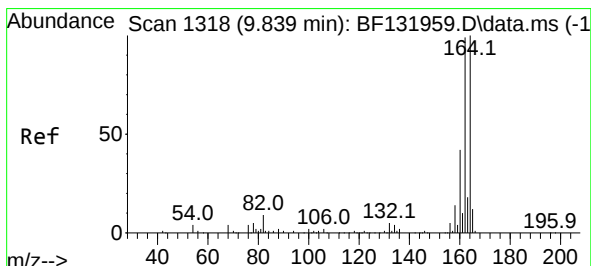
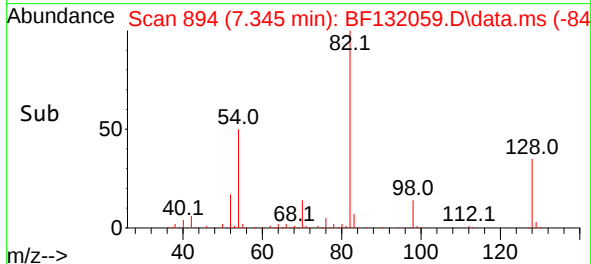
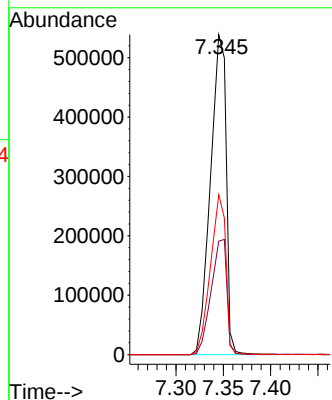
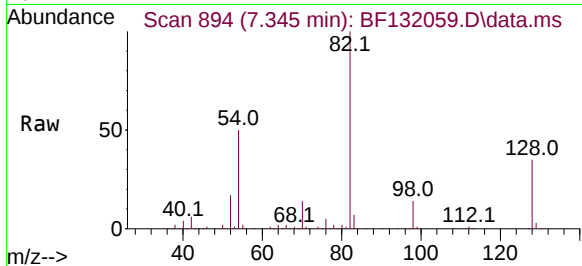




#23
Nitrobenzene-d5
Concen: 85.199 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

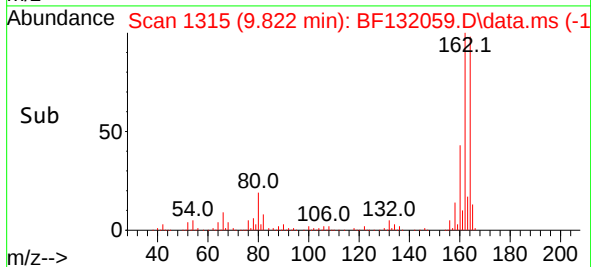
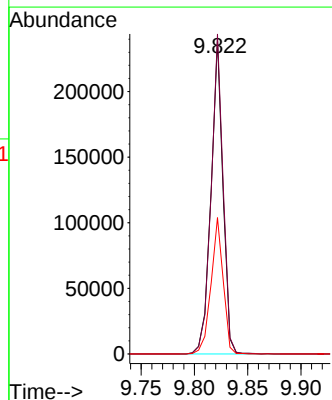
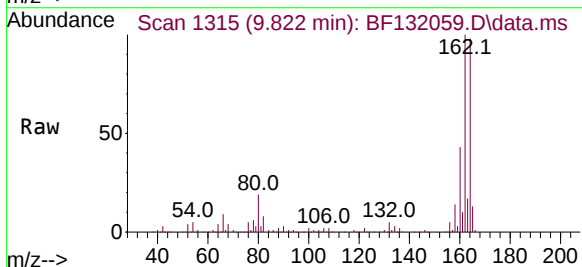
Instrument :
BNA_F
ClientSampleId :
PB150154TB

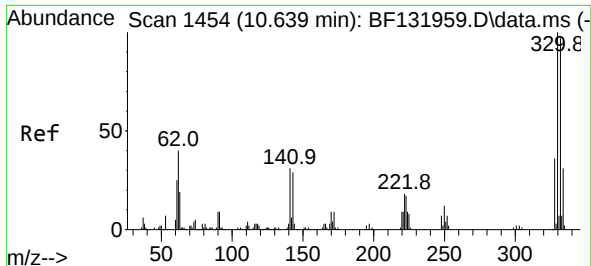
Tgt Ion: 82 Resp: 625044
Ion Ratio Lower Upper
82 100
128 35.5 28.7 43.1
54 49.9 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion:164 Resp: 186712
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 43.3 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 126.760 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF132059.D

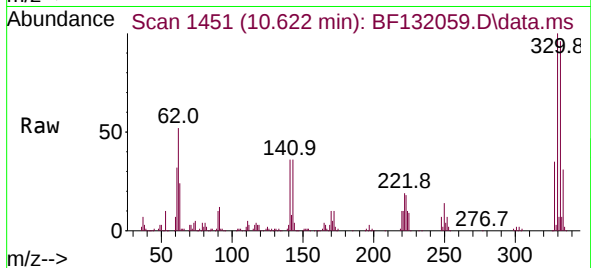
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Instrument :

BNA_F

ClientSampleId :

PB150154TB



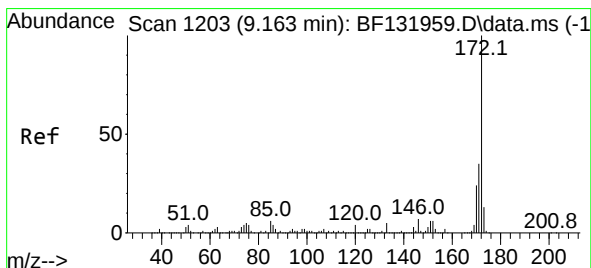
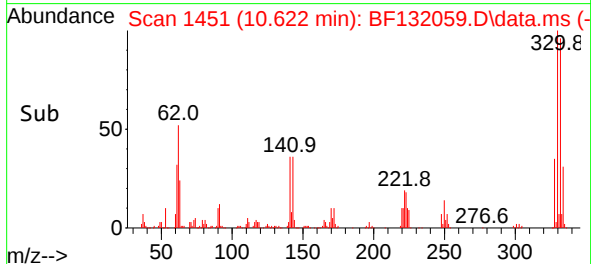
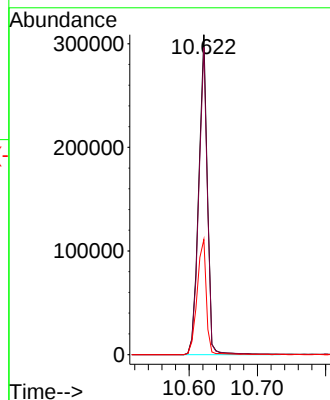
Tgt Ion:330 Resp: 272125

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 38.3 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 80.412 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF132059.D

Acq: 13 Jan 2023 14:56

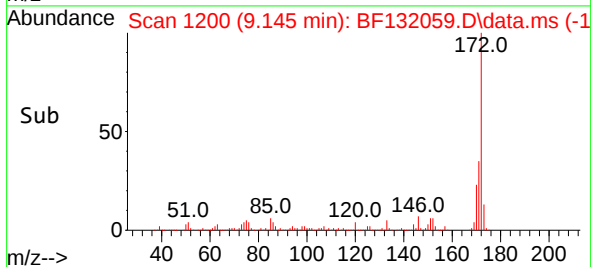
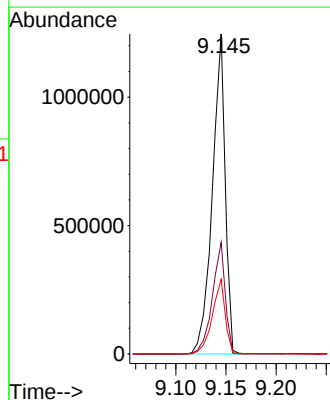
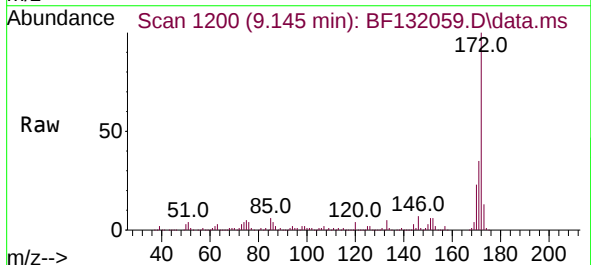
Tgt Ion:172 Resp: 1112170

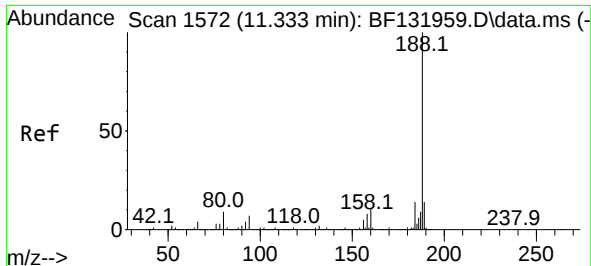
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.3 18.9 28.3

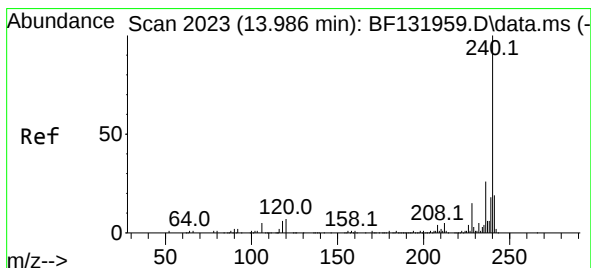
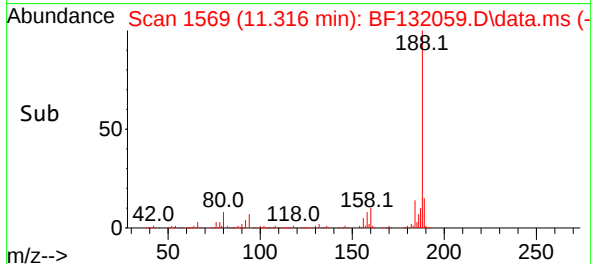
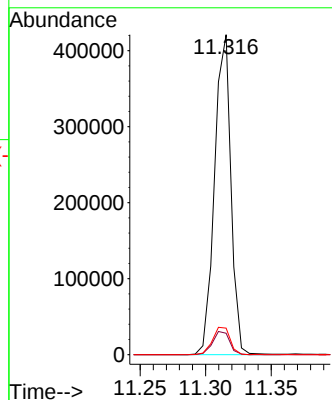
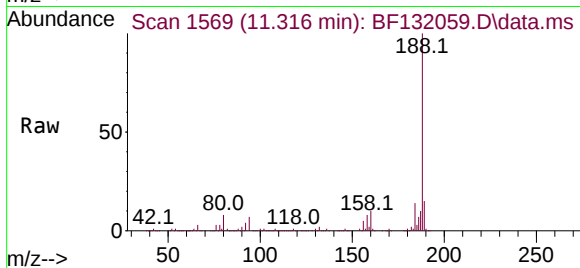




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

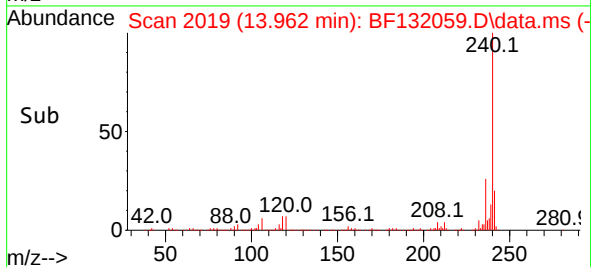
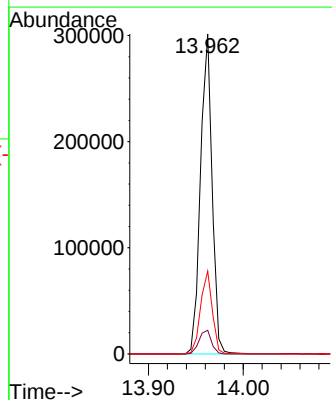
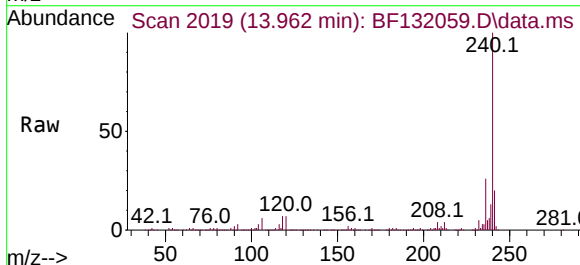
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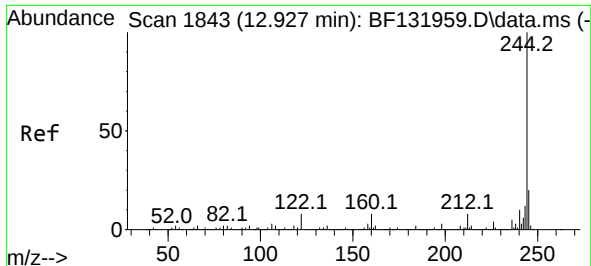
Tgt Ion:188 Resp: 366170
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.6
80 8.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion:240 Resp: 256367
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.0
236 25.9 21.1 31.7

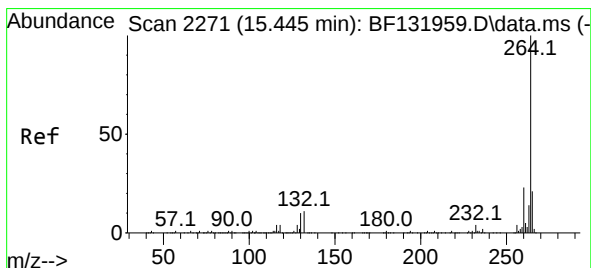
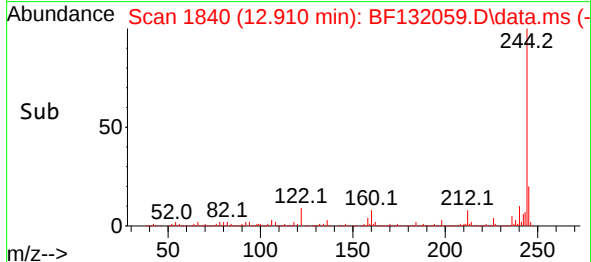
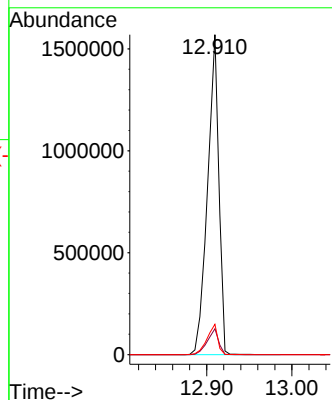
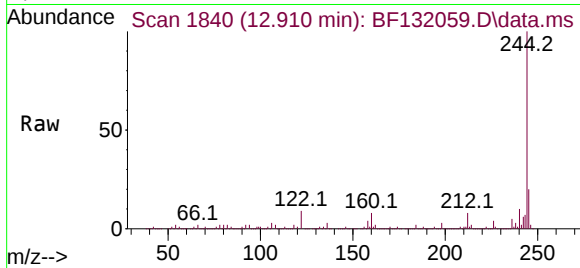




#79
 Terphenyl-d14
 Concen: 80.996 ng
 RT: 12.910 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF132059.D
 Acq: 13 Jan 2023 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB150154TB

Tgt Ion:244 Resp: 1448770
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.5 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF132059.D
 Acq: 13 Jan 2023 14:56

Tgt Ion:264 Resp: 171192
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.3 27.5
 265 21.1 16.9 25.3

