

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138269.D
 Acq On : 20 Jun 2024 18:42
 Operator : CG\JU
 Sample : P2955-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jun 20 19:06:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	319474	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1255126	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	702939	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1183779	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	609885	20.000	ng	-0.01
86) Perylene-d12	15.515	264	626180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2206198	115.521	ng	0.02
7) Phenol-d6	6.516	99	2570762	106.156	ng	0.00
23) Nitrobenzene-d5	7.445	82	1862216	86.375	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	901875	128.878	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3397070	76.847	ng	-0.01
79) Terphenyl-d14	12.992	244	3370390	87.527	ng	0.00

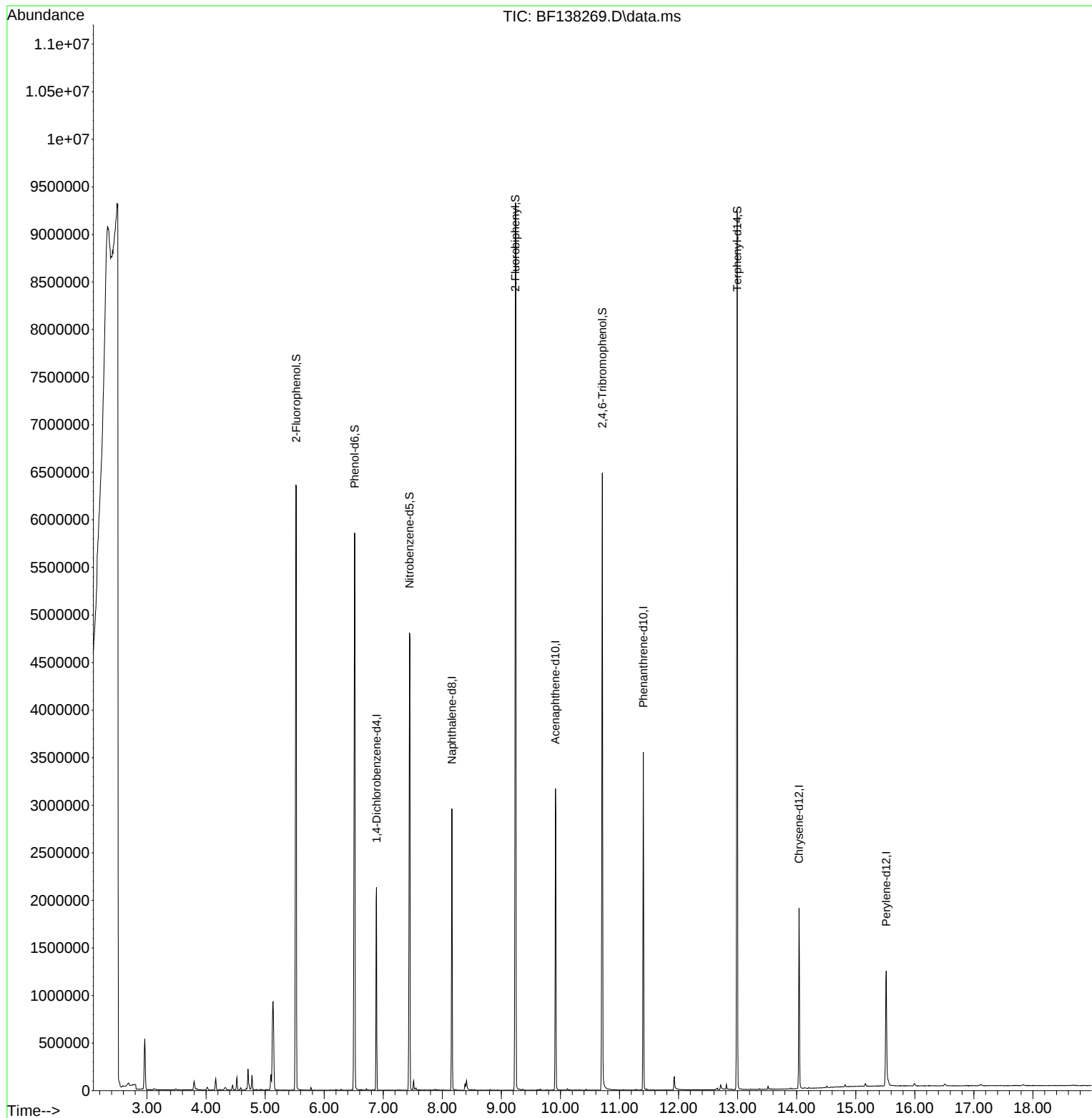
Target Compounds	Qvalue

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

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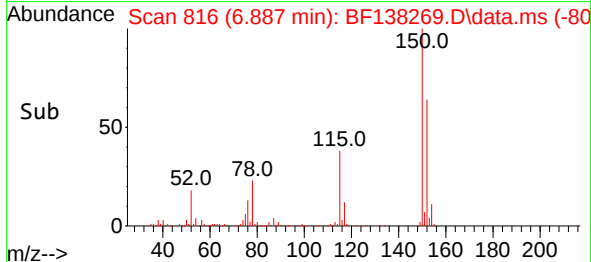
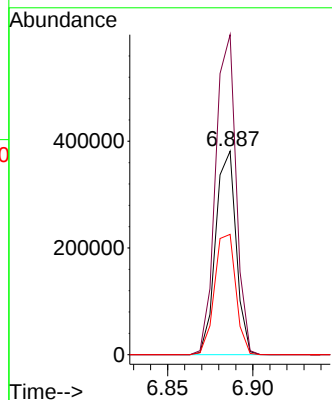
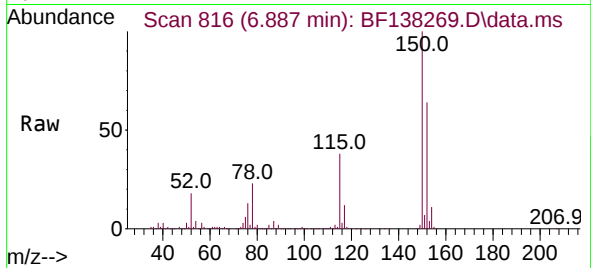




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138269.D
 Acq: 20 Jun 2024 18:42

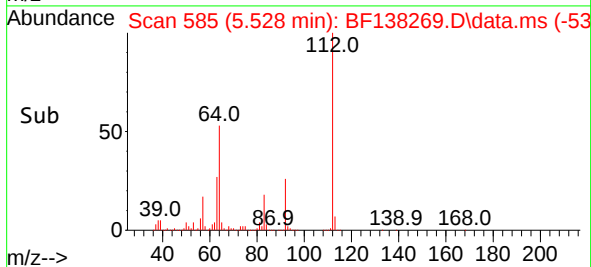
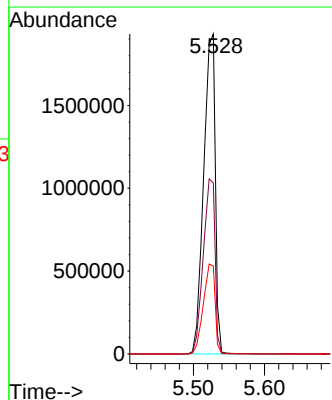
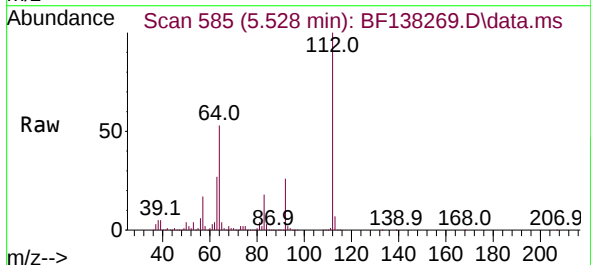
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 319474
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.0 187.4
 115 59.1 48.4 72.6



#5
 2-Fluorophenol
 Concen: 115.521 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.018 min
 Lab File: BF138269.D
 Acq: 20 Jun 2024 18:42

Tgt Ion:112 Resp: 2206198
 Ion Ratio Lower Upper
 112 100
 64 53.5 45.2 67.8
 63 27.5 22.9 34.3



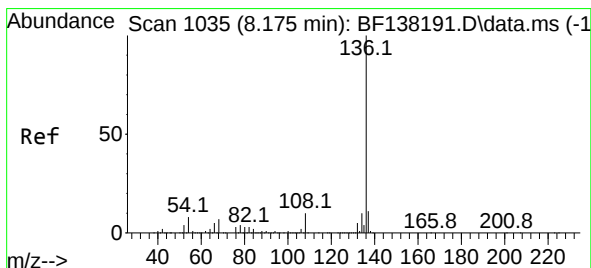
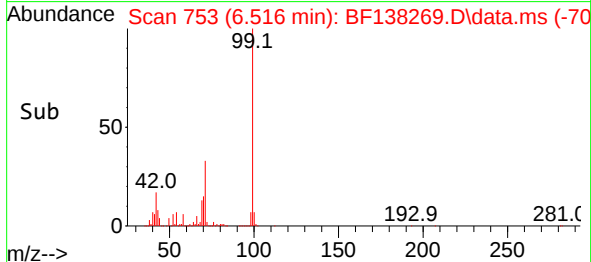
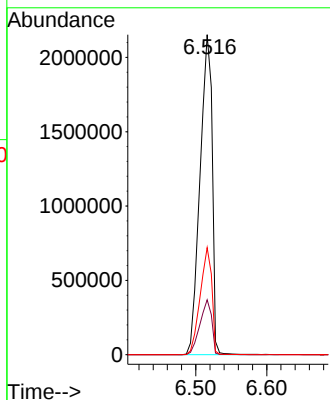
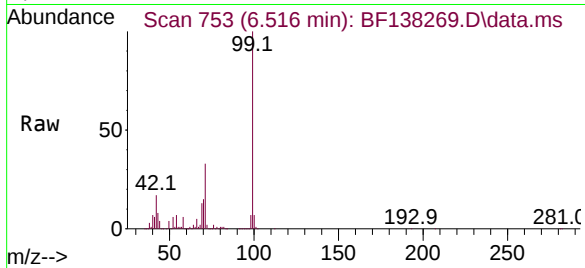


#7
Phenol-d6
Concen: 106.156 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 2570762

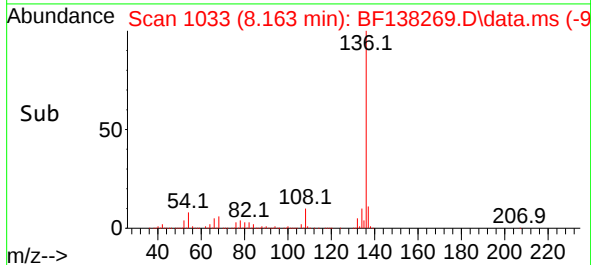
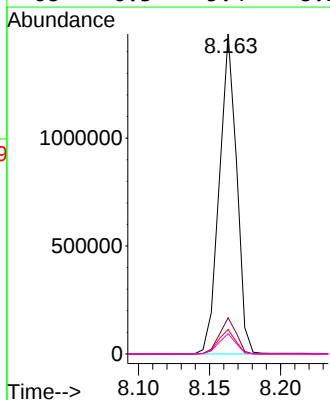
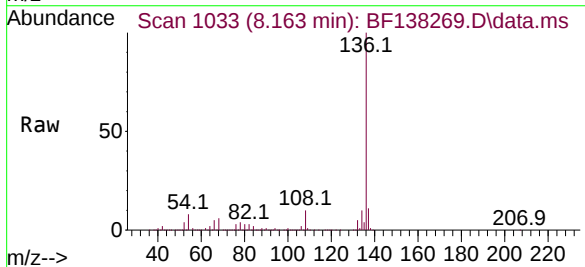
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	33.4	25.0	37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Tgt Ion: 136 Resp: 1255126

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.6	6.6	10.0
68	6.3	5.4	8.2

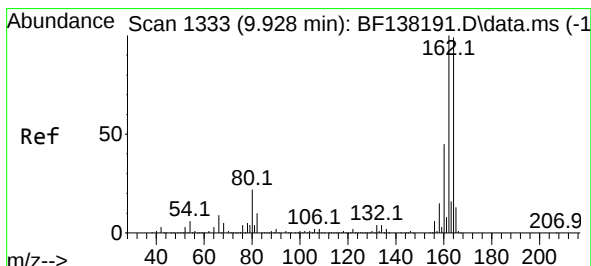
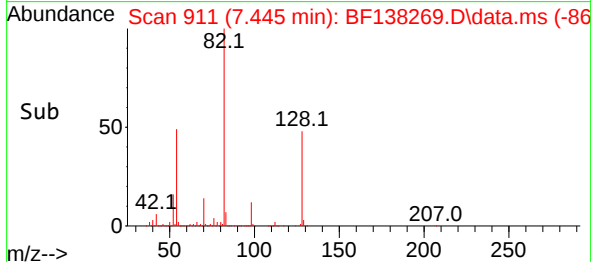
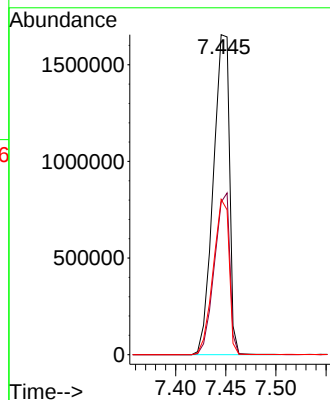
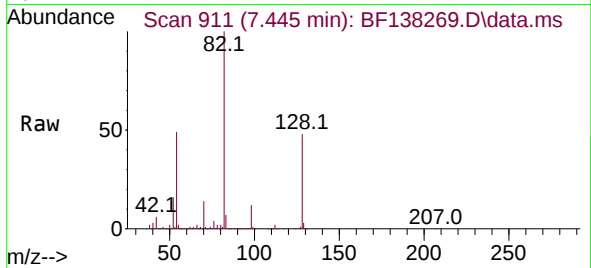




#23
Nitrobenzene-d5
Concen: 86.375 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

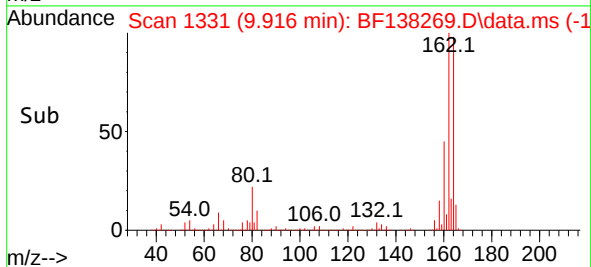
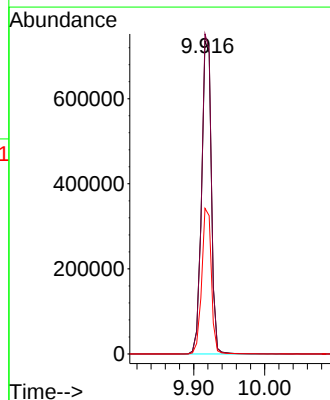
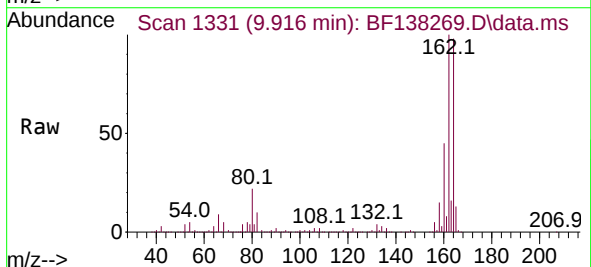
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 1862216
Ion Ratio Lower Upper
82 100
128 47.6 37.2 55.8
54 48.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Tgt Ion: 164 Resp: 702939
Ion Ratio Lower Upper
164 100
162 102.2 80.6 121.0
160 46.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 128.878 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138269.D

Acq: 20 Jun 2024 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1

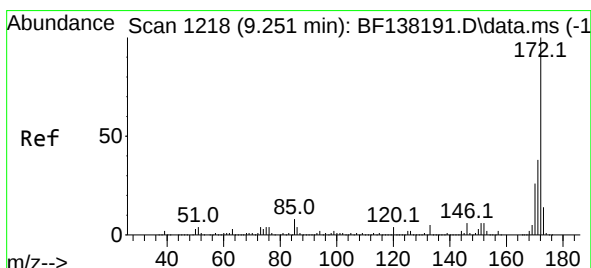
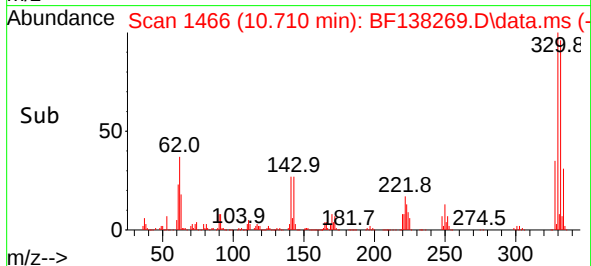
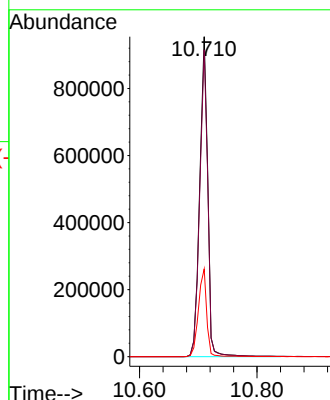
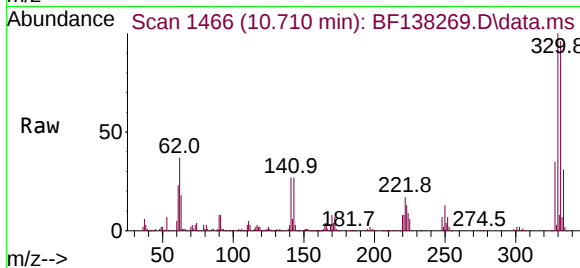
Tgt Ion:330 Resp: 901875

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

141 28.3 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 76.847 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138269.D

Acq: 20 Jun 2024 18:42

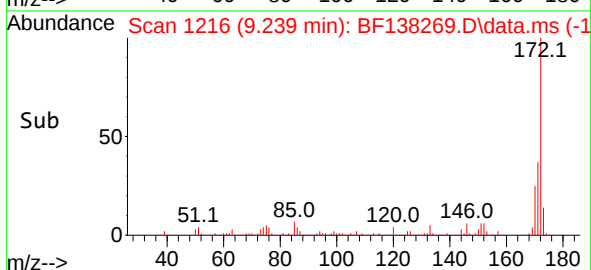
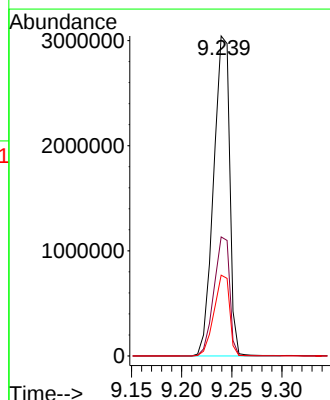
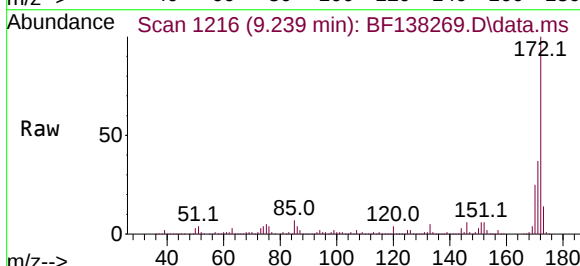
Tgt Ion:172 Resp: 3397070

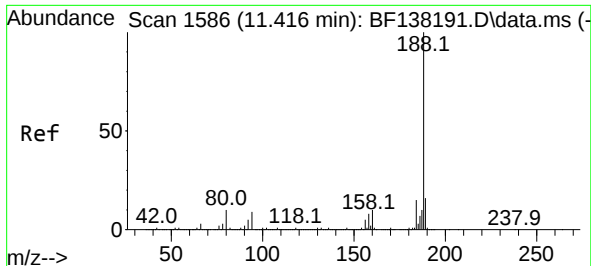
Ion Ratio Lower Upper

172 100

171 37.2 30.3 45.5

170 25.2 20.6 30.8

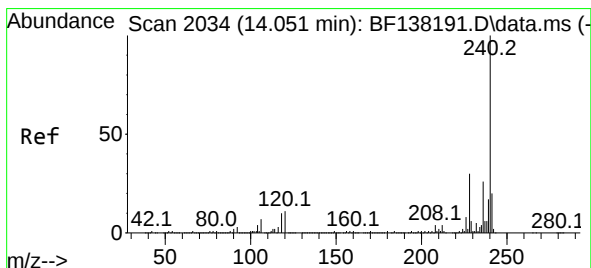
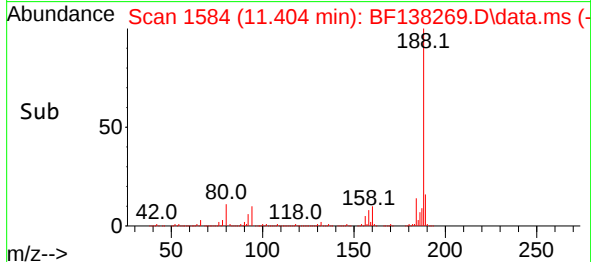
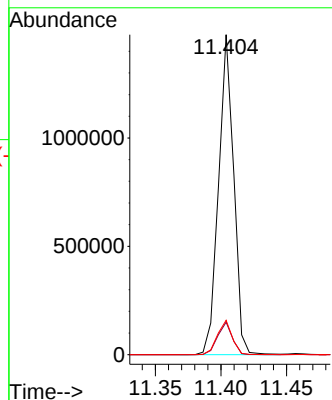
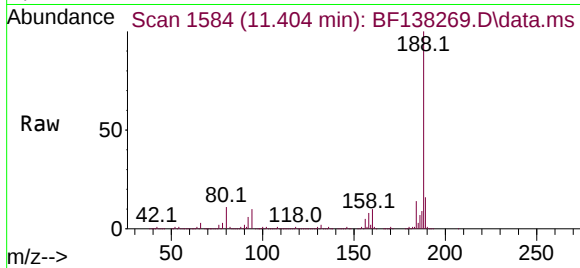




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

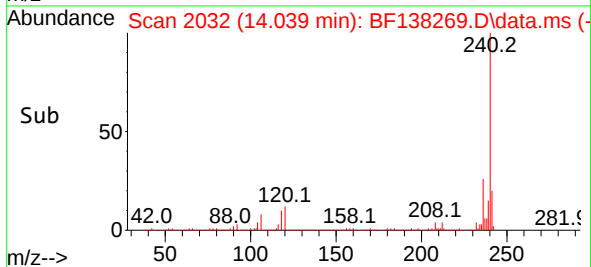
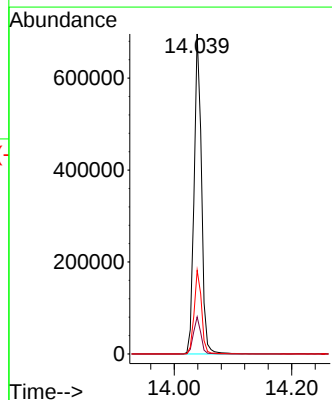
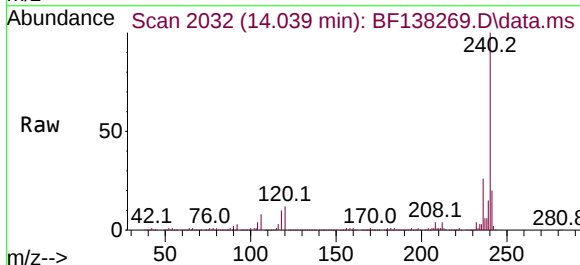
Instrument :
BNA_F
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TP-1

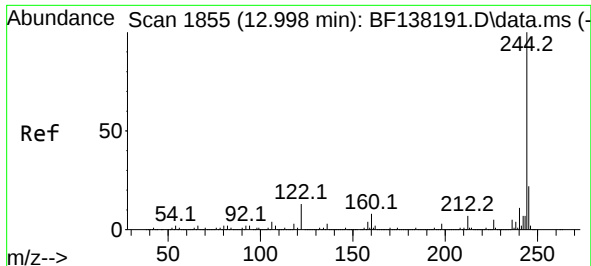
Tgt Ion:188 Resp: 1183779
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

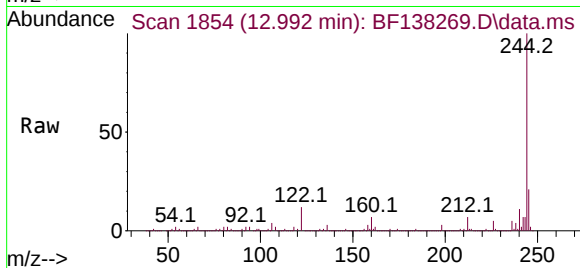
Tgt Ion:240 Resp: 609885
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.2 21.0 31.6



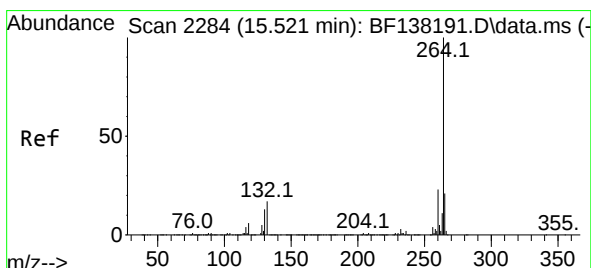
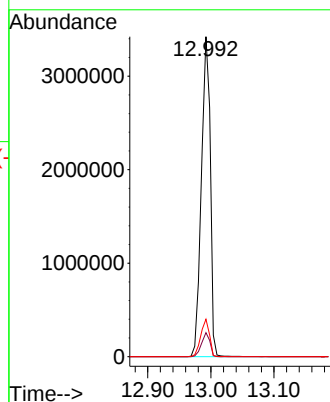
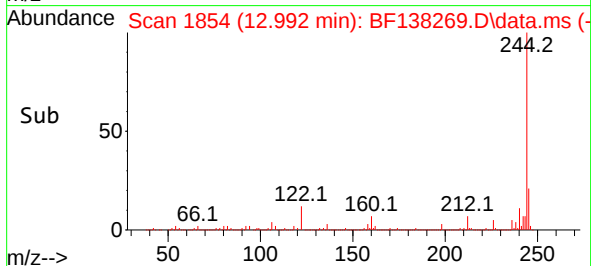


#79
 Terphenyl-d14
 Concen: 87.527 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138269.D
 Acq: 20 Jun 2024 18:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:244 Resp: 3370390
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.7 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138269.D
 Acq: 20 Jun 2024 18:42

Tgt Ion:264 Resp: 626180
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.4 17.0 25.6

