

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138268.D
 Acq On : 20 Jun 2024 18:12
 Operator : CG\JU
 Sample : P2955-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VK-1

Quant Time: Jun 20 18:35:13 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	6.886	152	319277	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1241254	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	705832	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1213989	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	612988	20.000	ng	-0.01
86) Perylene-d12	15.515	264	576271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2258422	118.328	ng	0.02
7) Phenol-d6	6.516	99	2682454	110.837	ng	0.00
23) Nitrobenzene-d5	7.445	82	1851864	86.855	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	913600	130.018	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3380260	76.153	ng	0.00
79) Terphenyl-d14	12.992	244	3401033	87.875	ng	0.00

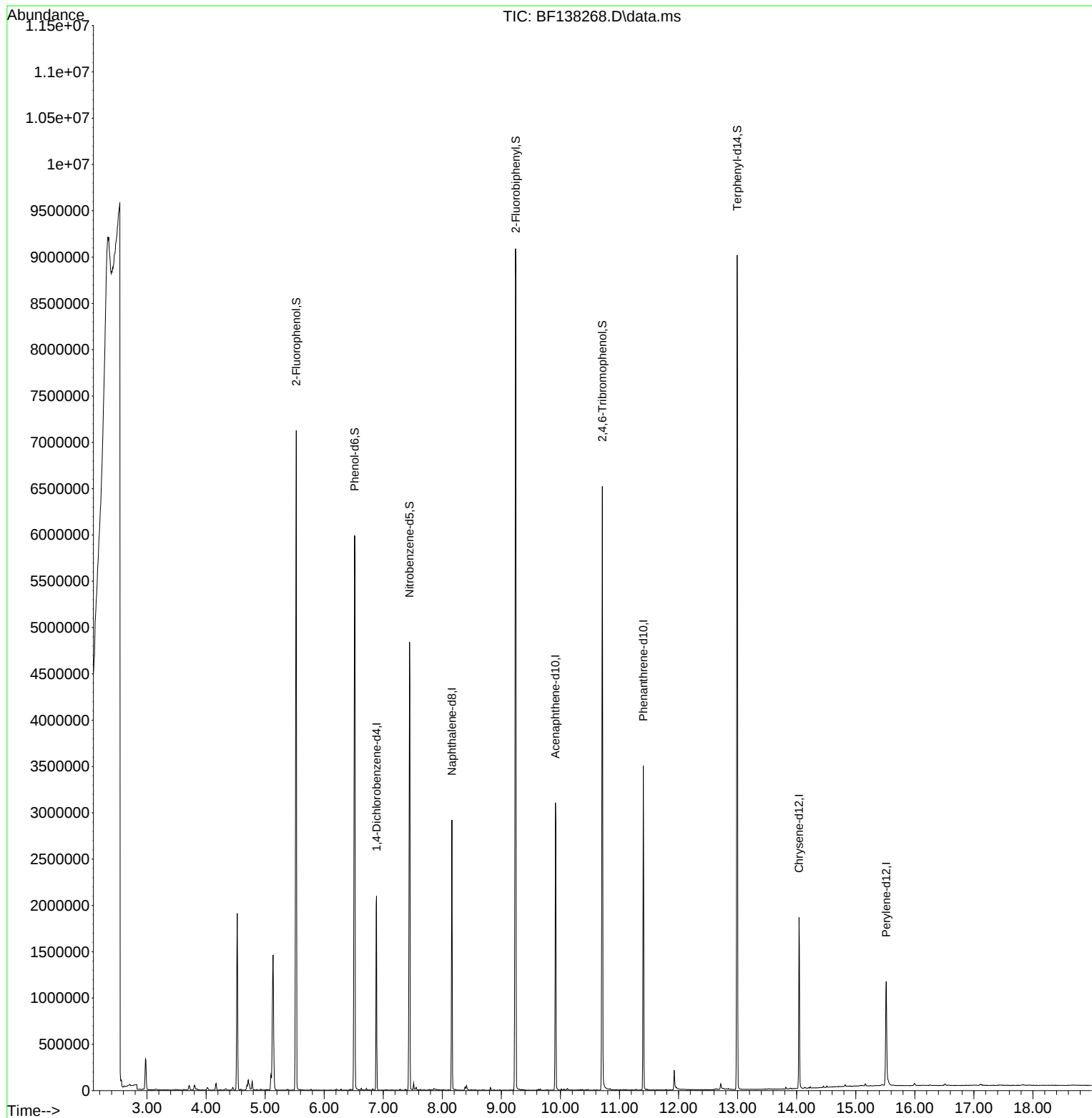
Target Compounds	Qvalue

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

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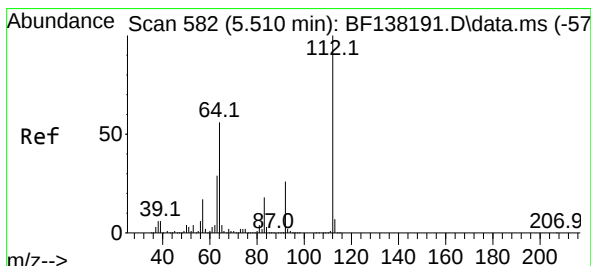
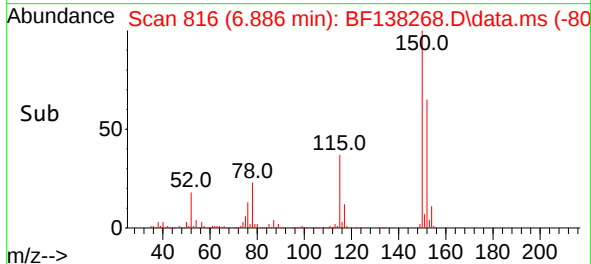
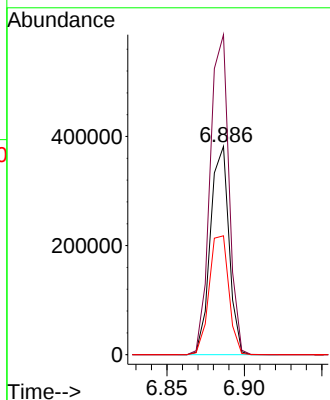
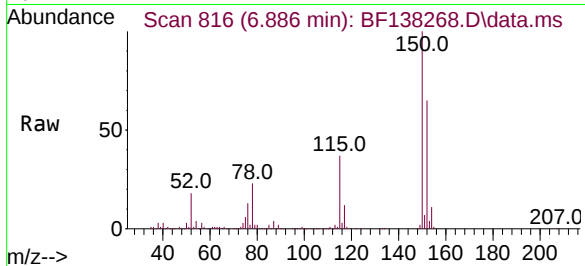




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF138268.D
 Acq: 20 Jun 2024 18:12

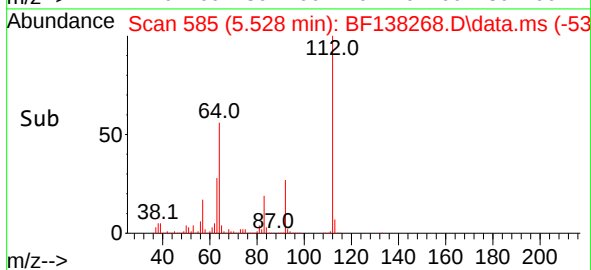
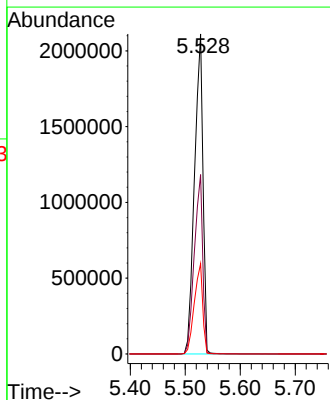
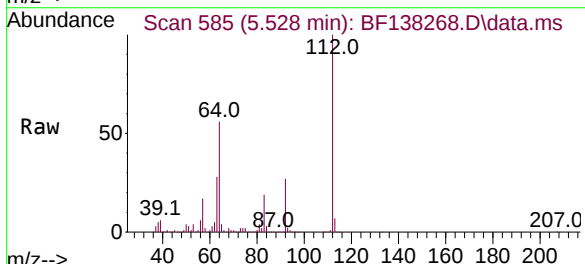
Instrument :
 BNA_F
 ClientSampleId :
 VK-1

Tgt Ion:152 Resp: 319277
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.0 187.4
 115 57.1 48.4 72.6



#5
 2-Fluorophenol
 Concen: 118.328 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.017 min
 Lab File: BF138268.D
 Acq: 20 Jun 2024 18:12

Tgt Ion:112 Resp: 2258422
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.2 67.8
 63 28.2 22.9 34.3

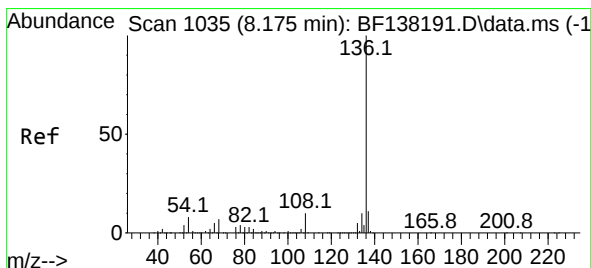
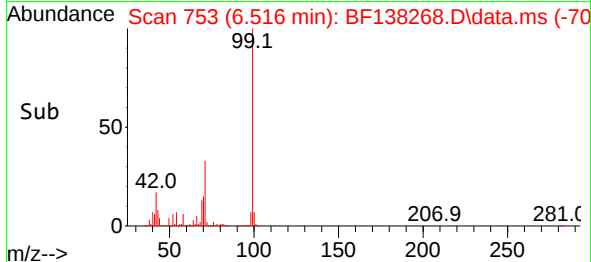
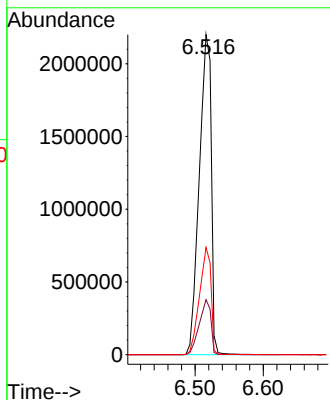
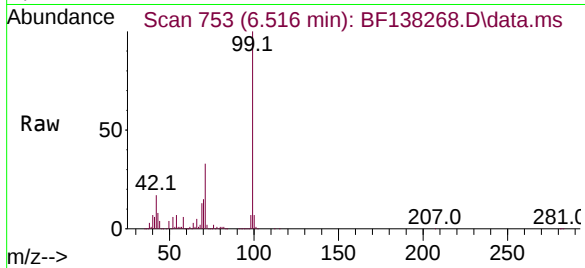




#7
Phenol-d6
Concen: 110.837 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138268.D
Acq: 20 Jun 2024 18:12

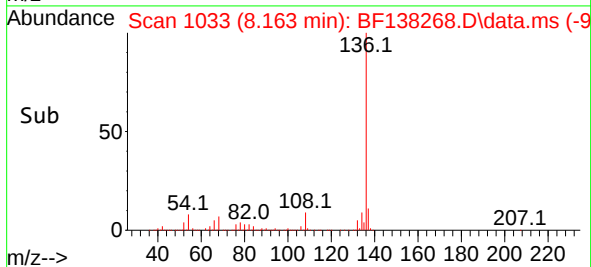
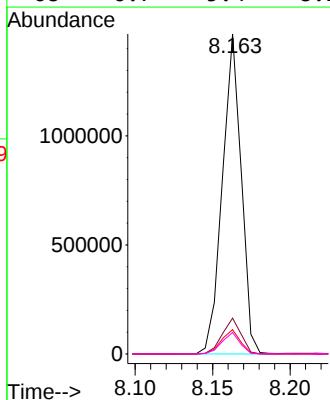
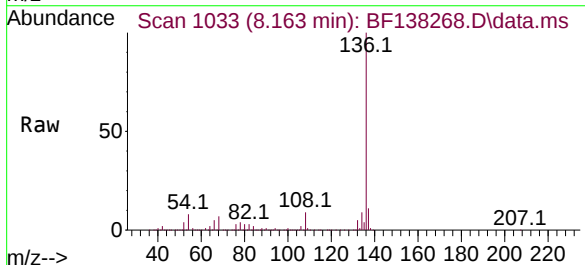
Instrument :
BNA_F
ClientSampleId :
VK-1

Tgt Ion: 99 Resp: 2682454
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 33.5 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: BF138268.D
Acq: 20 Jun 2024 18:12

Tgt Ion: 136 Resp: 1241254
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.6 6.6 10.0
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 86.855 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138268.D

Acq: 20 Jun 2024 18:12

Instrument :

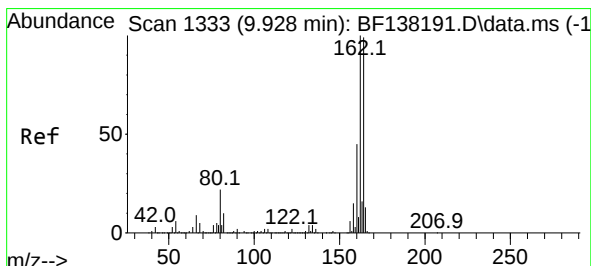
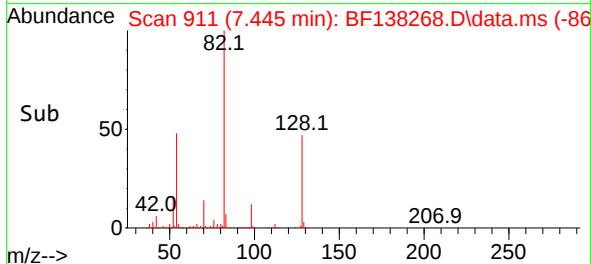
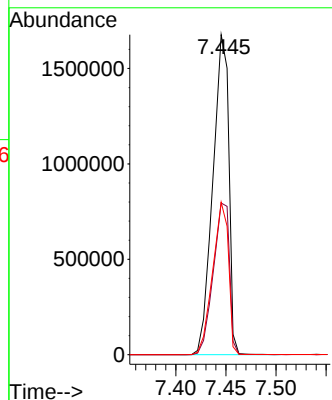
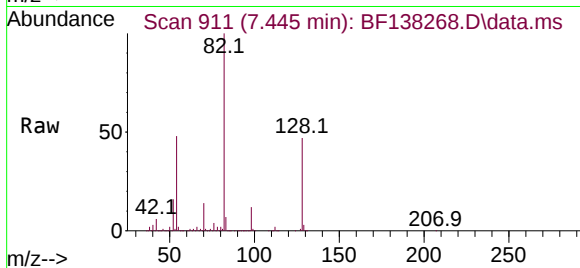
BNA_F

ClientSampleId :

VK-1

Tgt Ion: 82 Resp: 1851864

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.2	55.8
54	47.7	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

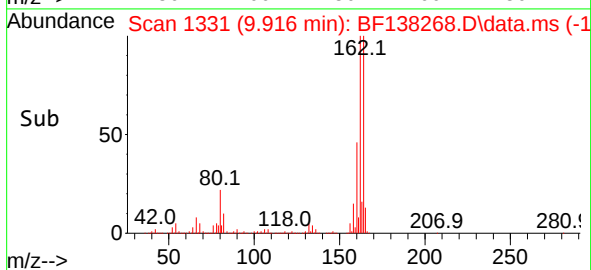
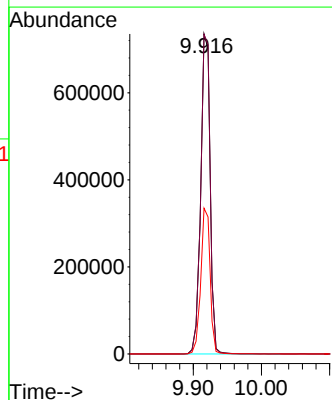
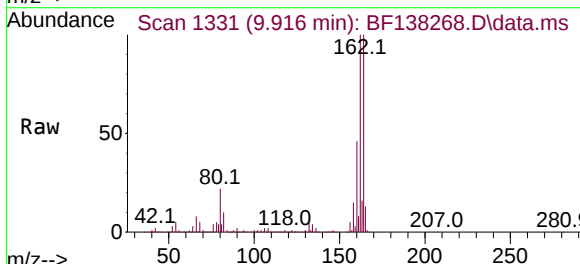
Delta R.T. -0.012 min

Lab File: BF138268.D

Acq: 20 Jun 2024 18:12

Tgt Ion:164 Resp: 705832

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	45.5	36.3	54.5

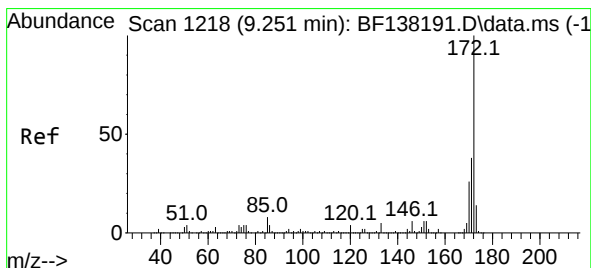
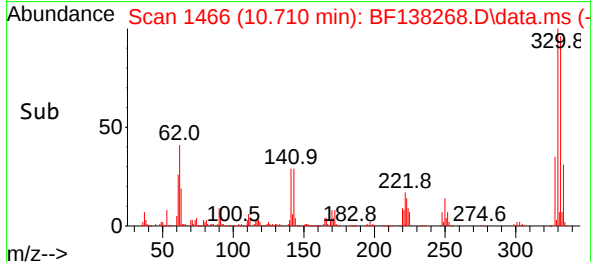
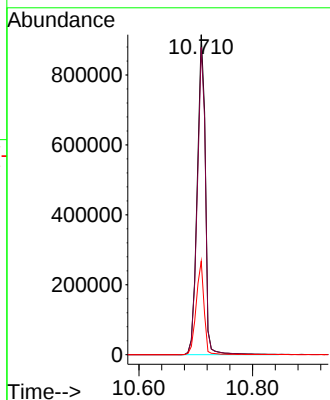
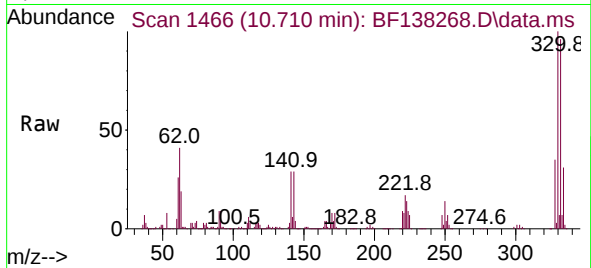




#42
2,4,6-Tribromophenol
Concen: 130.018 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF138268.D
Acq: 20 Jun 2024 18:12

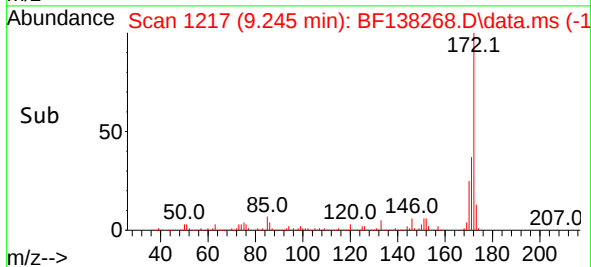
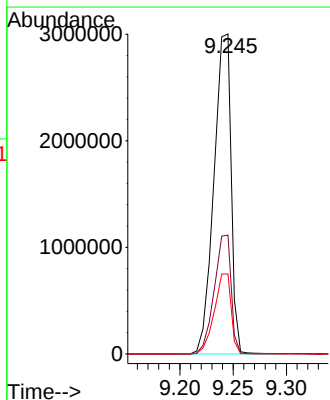
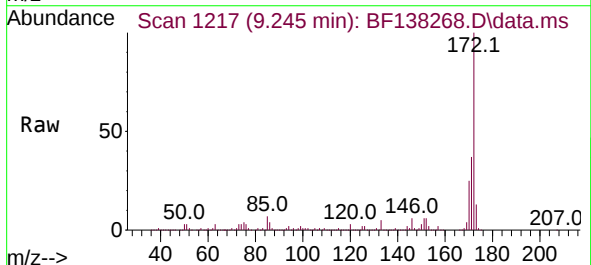
Instrument :
BNA_F
ClientSampleId :
VK-1

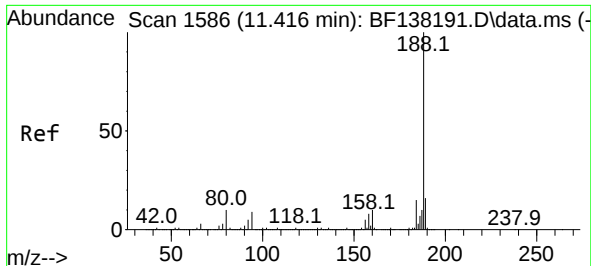
Tgt Ion:330 Resp: 913600
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 28.7 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 76.153 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138268.D
Acq: 20 Jun 2024 18:12

Tgt Ion:172 Resp: 3380260
Ion Ratio Lower Upper
172 100
171 37.2 30.3 45.5
170 25.0 20.6 30.8

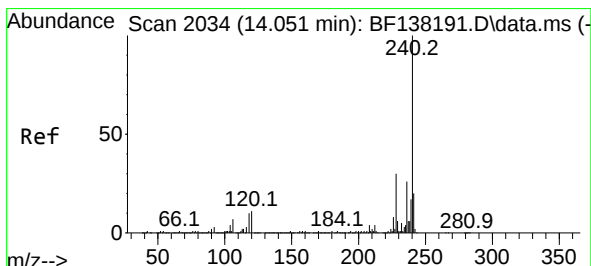
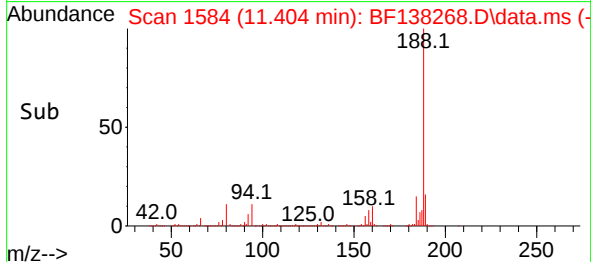
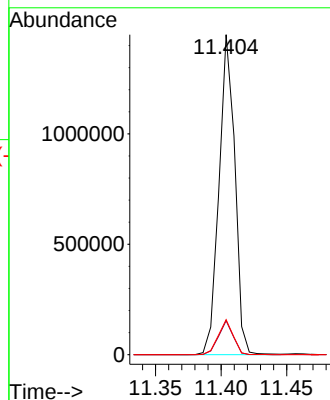
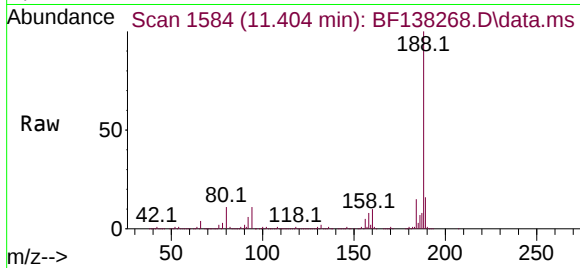




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138268.D
Acq: 20 Jun 2024 18:12

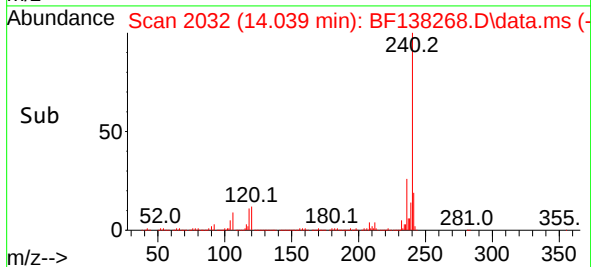
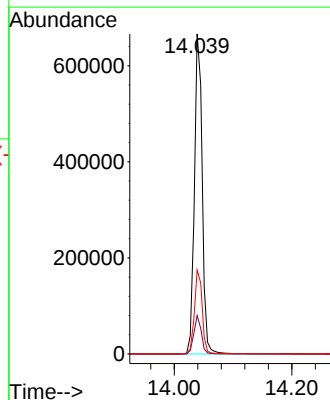
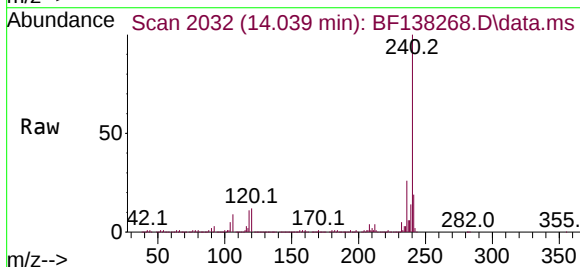
Instrument :
BNA_F
ClientSampleId :
VK-1

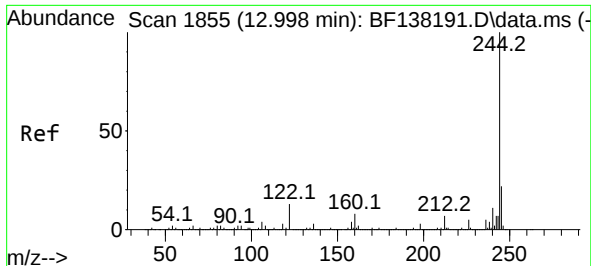
Tgt Ion:188 Resp: 1213989
Ion Ratio Lower Upper
188 100
94 10.6 7.6 11.4
80 10.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138268.D
Acq: 20 Jun 2024 18:12

Tgt Ion:240 Resp: 612988
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.2 21.0 31.6

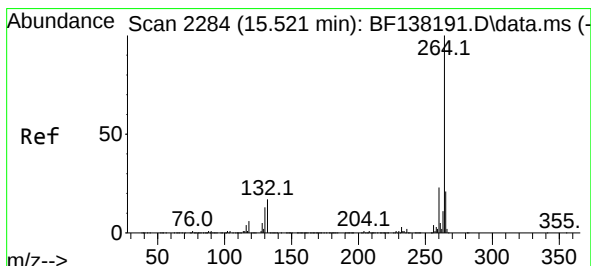
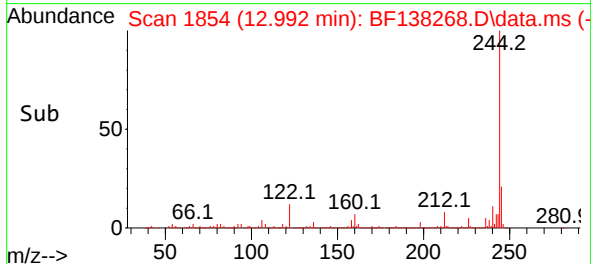
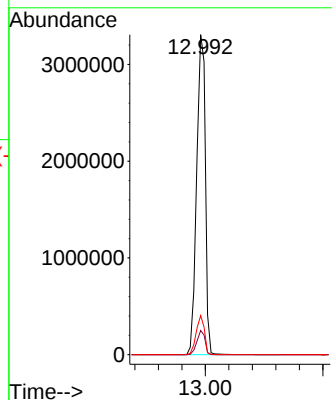
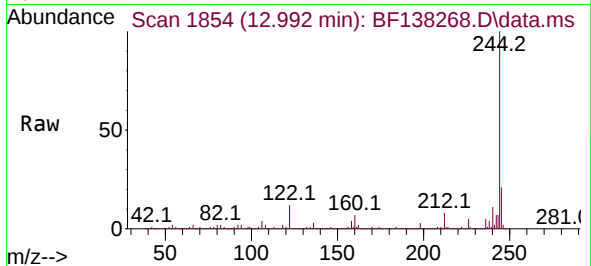




#79
Terphenyl-d14
Concen: 87.875 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138268.D
Acq: 20 Jun 2024 18:12

Instrument :
BNA_F
ClientSampleId :
VK-1

Tgt Ion:244 Resp: 3401033
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 12.2 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: BF138268.D
Acq: 20 Jun 2024 18:12

Tgt Ion:264 Resp: 576271
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.6 17.0 25.6

