

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138455.D
 Acq On : 03 Jul 2024 19:37
 Operator : CG\JU
 Sample : P3142-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231

Quant Time: Jul 04 01:00:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106041	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	361514	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	144824	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	250925	20.000	ng	0.00
76) Chrysene-d12	14.027	240	173589	20.000	ng	0.00
86) Perylene-d12	15.498	264	134920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	588626	92.032	ng	0.00
7) Phenol-d6	6.510	99	759699	88.174	ng	0.00
23) Nitrobenzene-d5	7.434	82	482500	69.333	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	105880	89.484	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	707277	77.722	ng	0.00
79) Terphenyl-d14	12.974	244	750957	59.285	ng	0.00

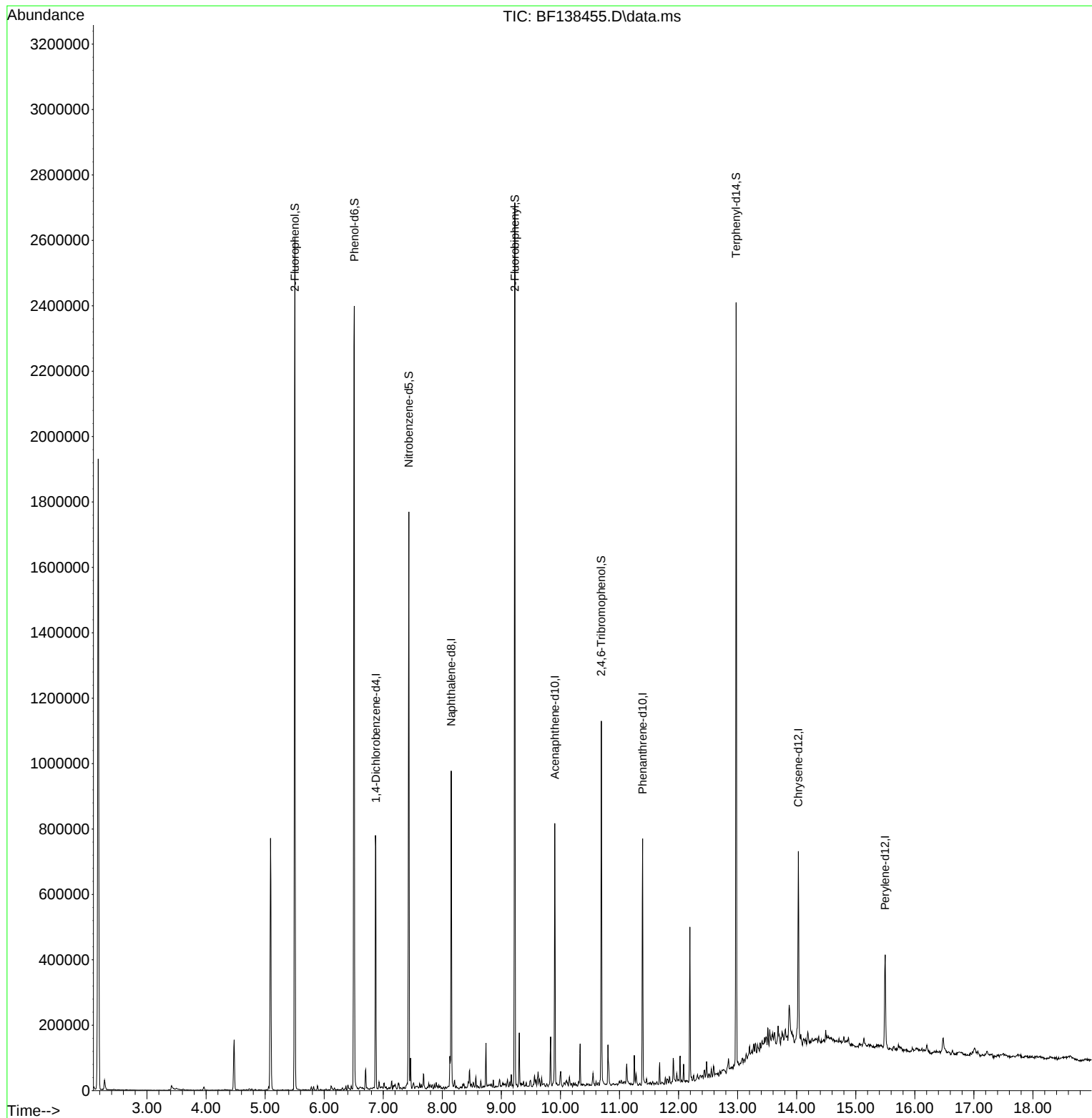
Target Compounds	Qvalue

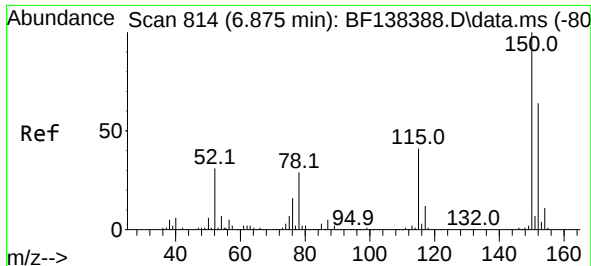
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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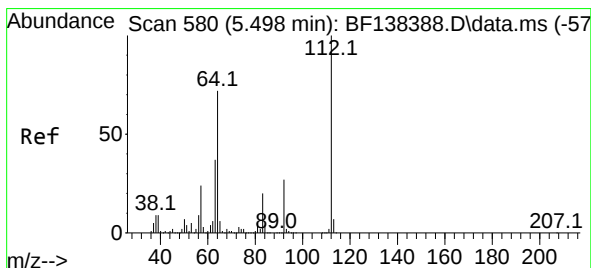
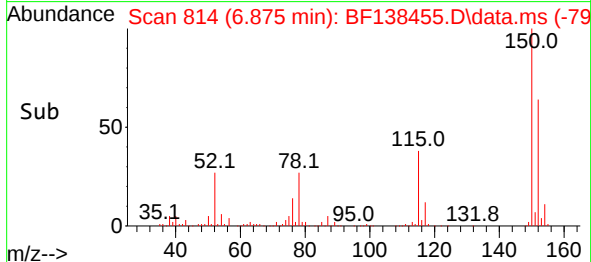
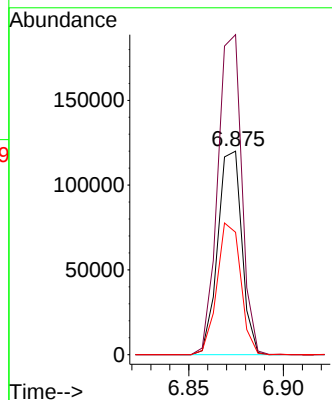
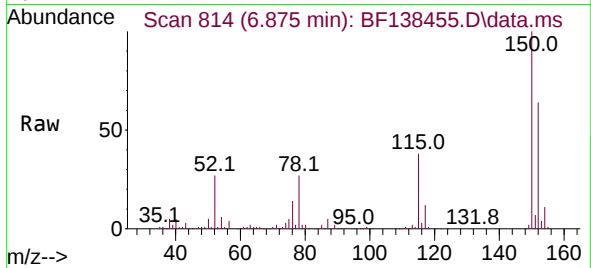




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

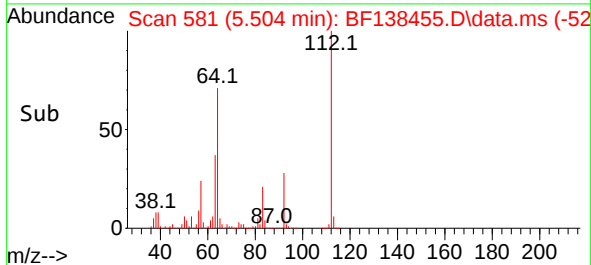
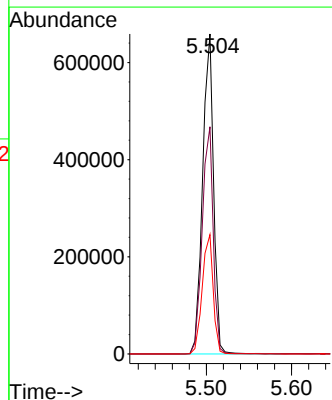
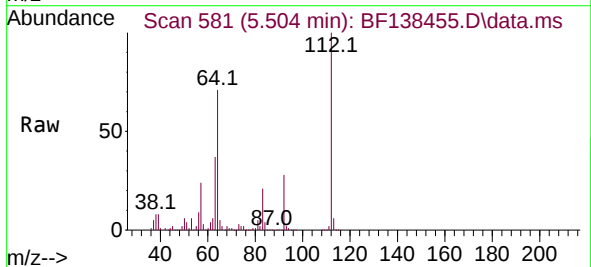
Instrument :
BNA_F
ClientSampleId :
VNJ-231

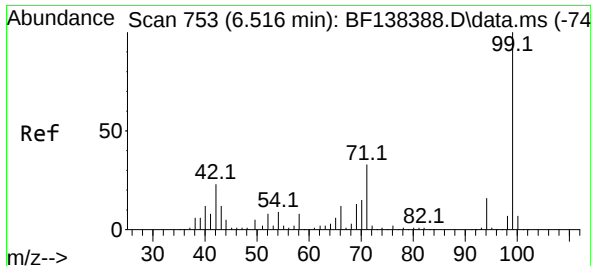
Tgt Ion:152 Resp: 106041
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 60.1 50.8 76.2



#5
2-Fluorophenol
Concen: 92.032 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion:112 Resp: 588626
Ion Ratio Lower Upper
112 100
64 71.0 57.2 85.8
63 37.3 29.4 44.0

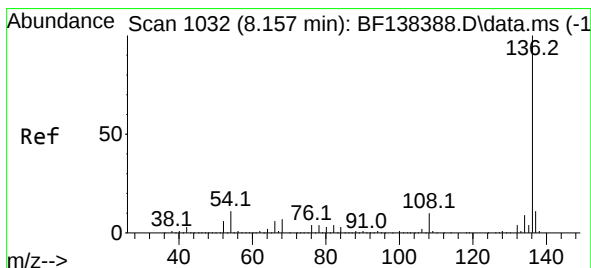
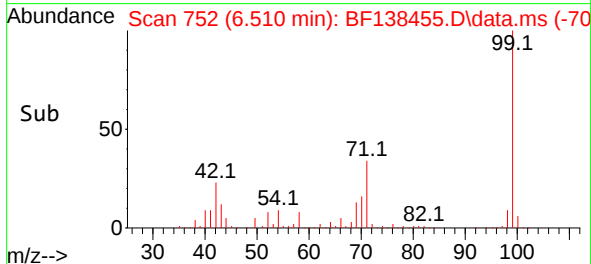
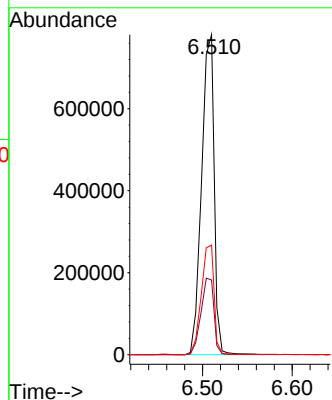
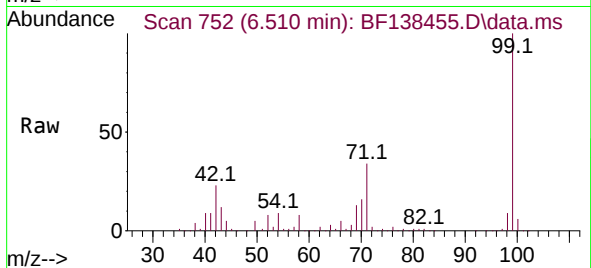




#7
Phenol-d6
Concen: 88.174 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

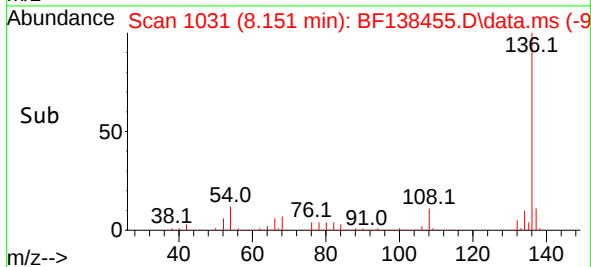
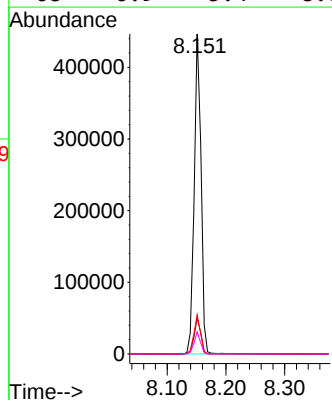
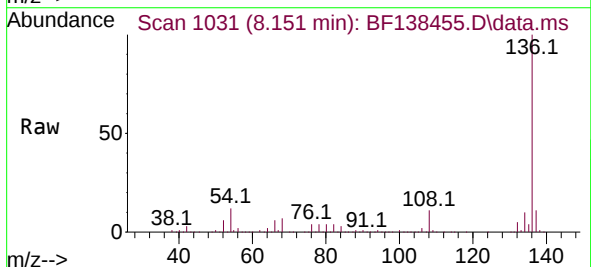
Instrument :
BNA_F
ClientSampleId :
VNJ-231

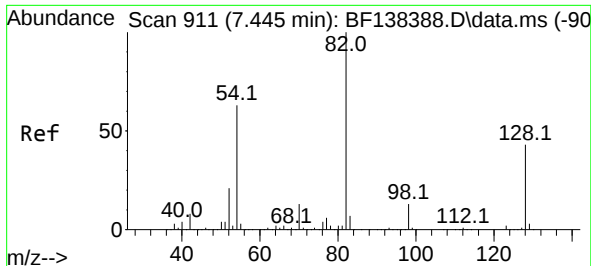
Tgt Ion: 99 Resp: 759699
Ion Ratio Lower Upper
99 100
42 23.4 18.5 27.7
71 34.2 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion: 136 Resp: 361514
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.2 9.0 13.4
68 6.9 5.4 8.0

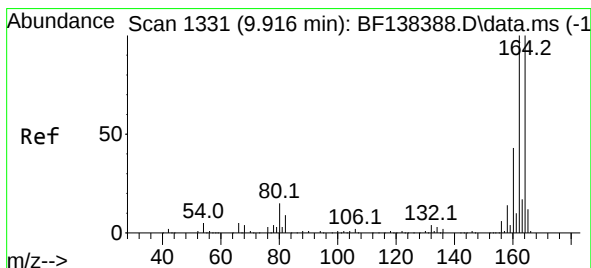
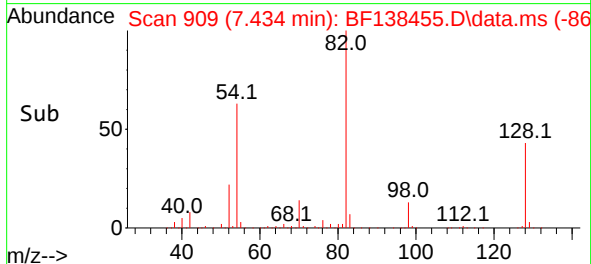
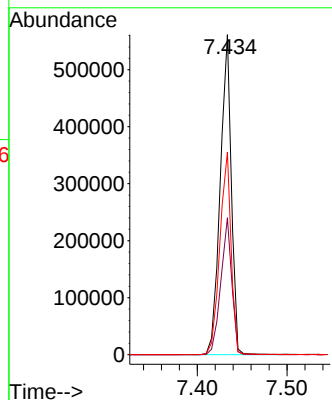
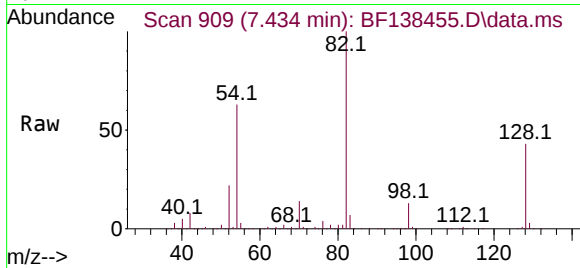




#23
Nitrobenzene-d5
Concen: 69.333 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

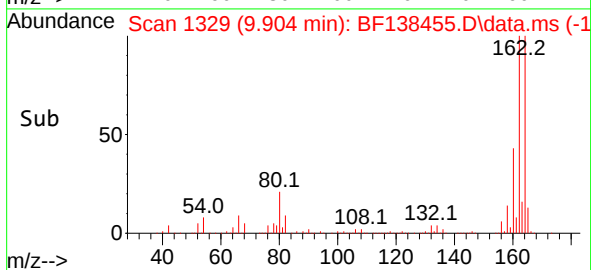
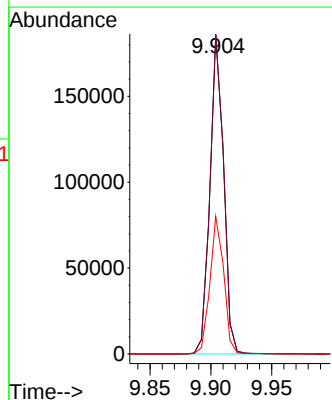
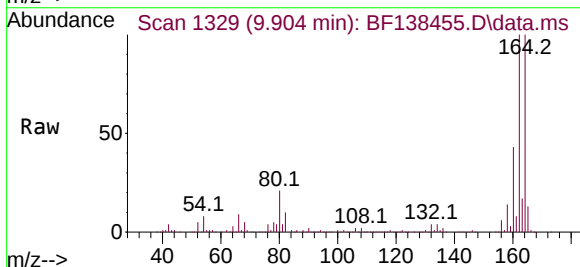
Instrument :
BNA_F
ClientSampleId :
VNJ-231

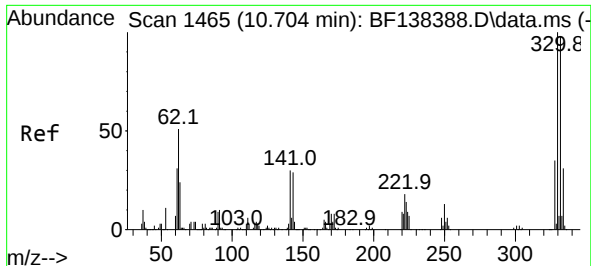
Tgt Ion: 82 Resp: 482500
Ion Ratio Lower Upper
82 100
128 42.8 34.6 52.0
54 63.3 50.5 75.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

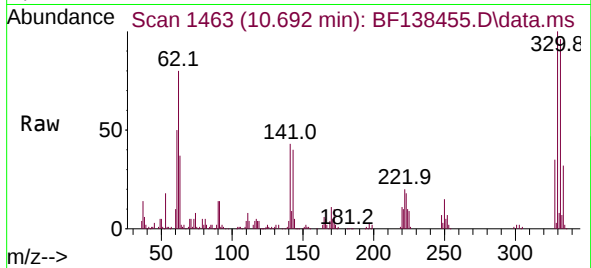
Tgt Ion: 164 Resp: 144824
Ion Ratio Lower Upper
164 100
162 100.3 80.1 120.1
160 43.1 34.1 51.1



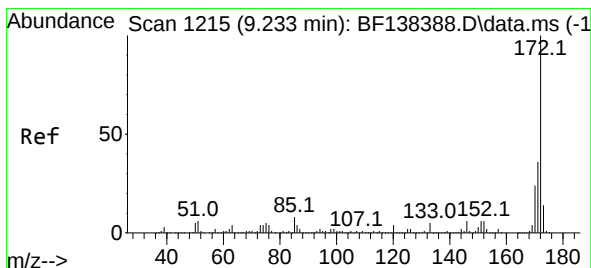
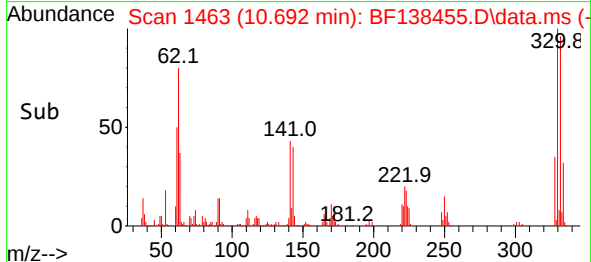
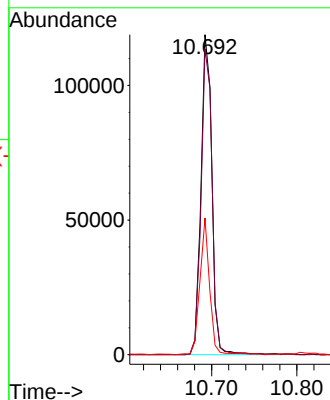


#42
2,4,6-Tribromophenol
Concen: 89.484 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Instrument :
BNA_F
ClientSampleId :
VNJ-231

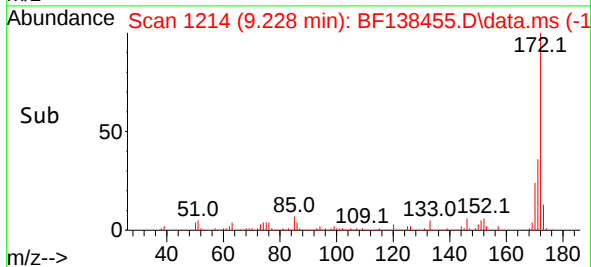
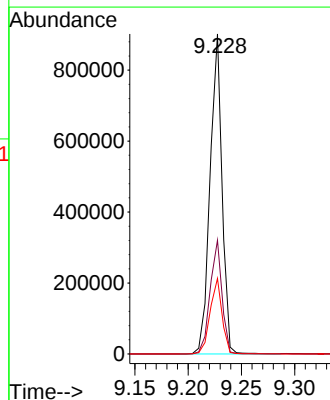
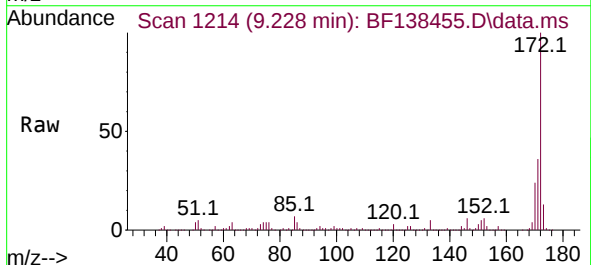


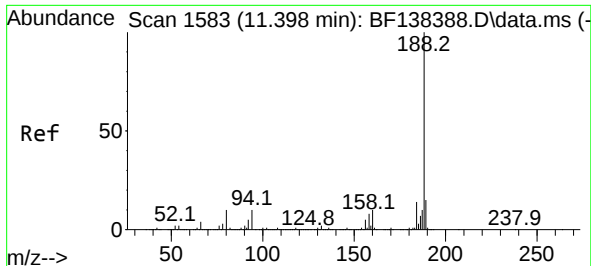
Tgt Ion:330 Resp: 105880
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 38.4 28.1 42.1



#45
2-Fluorobiphenyl
Concen: 77.722 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion:172 Resp: 707277
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.6 19.0 28.6

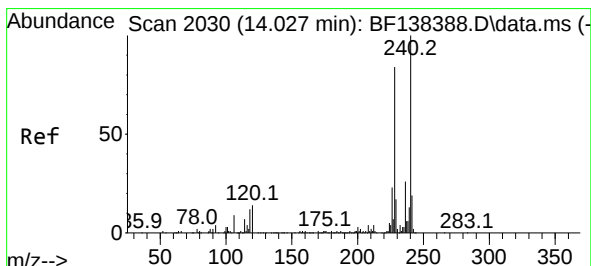
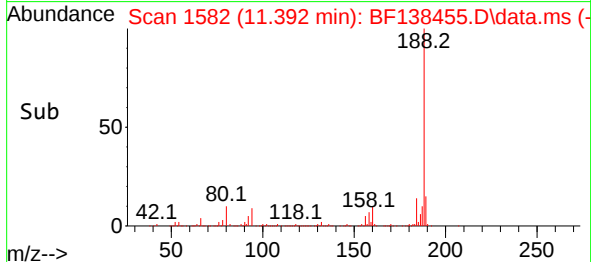
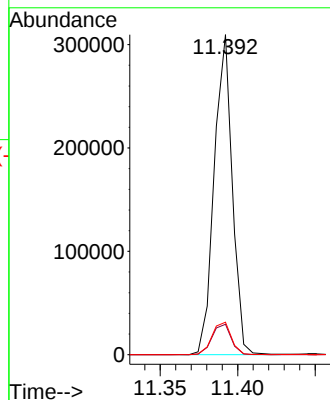
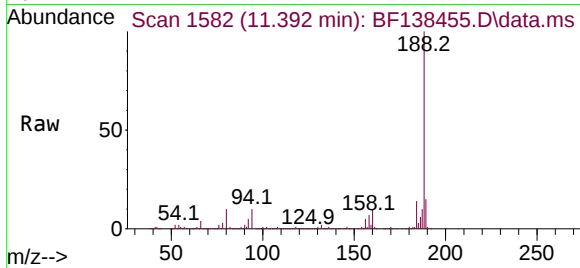




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

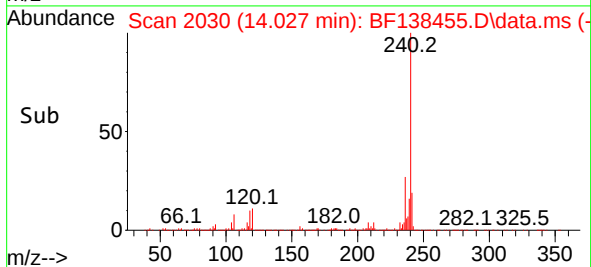
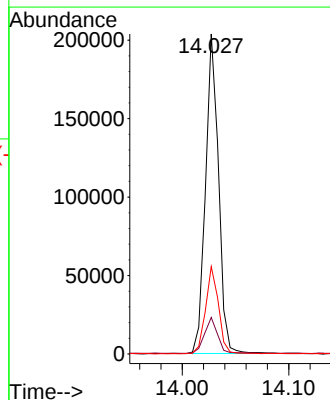
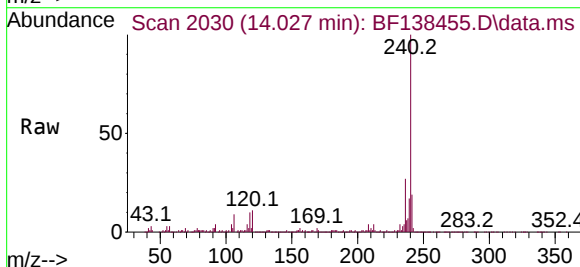
Instrument :
BNA_F
ClientSampleId :
VNJ-231

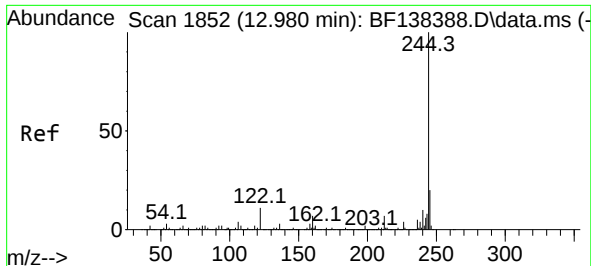
Tgt Ion:188 Resp: 250925
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion:240 Resp: 173589
Ion Ratio Lower Upper
240 100
120 11.4 10.9 16.3
236 27.3 20.6 30.8

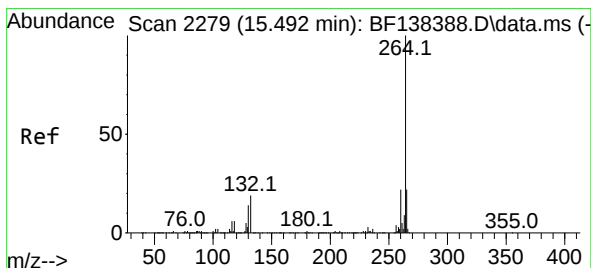
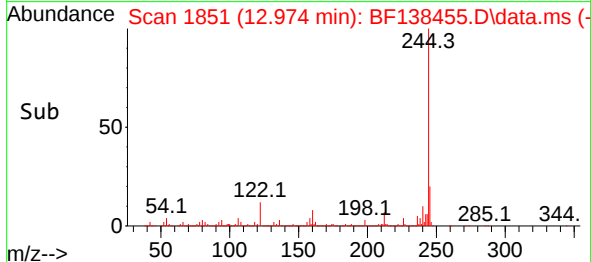
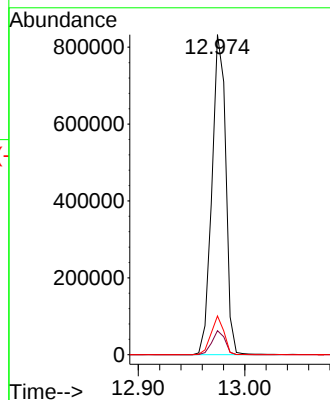
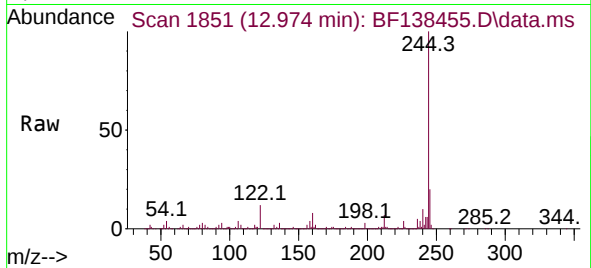




#79
 Terphenyl-d14
 Concen: 59.285 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138455.D
 Acq: 03 Jul 2024 19:37

Instrument :
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Tgt Ion:244 Resp: 750957
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.6 8.4
 122 12.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF138455.D
 Acq: 03 Jul 2024 19:37

Tgt Ion:264 Resp: 134920
 Ion Ratio Lower Upper
 264 100
 260 25.5 17.8 26.6
 265 21.5 17.5 26.3

