

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138042.D
 Acq On : 28 May 2024 12:42
 Operator : CG\JU
 Sample : P2612-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

Quant Time: May 28 13:06:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

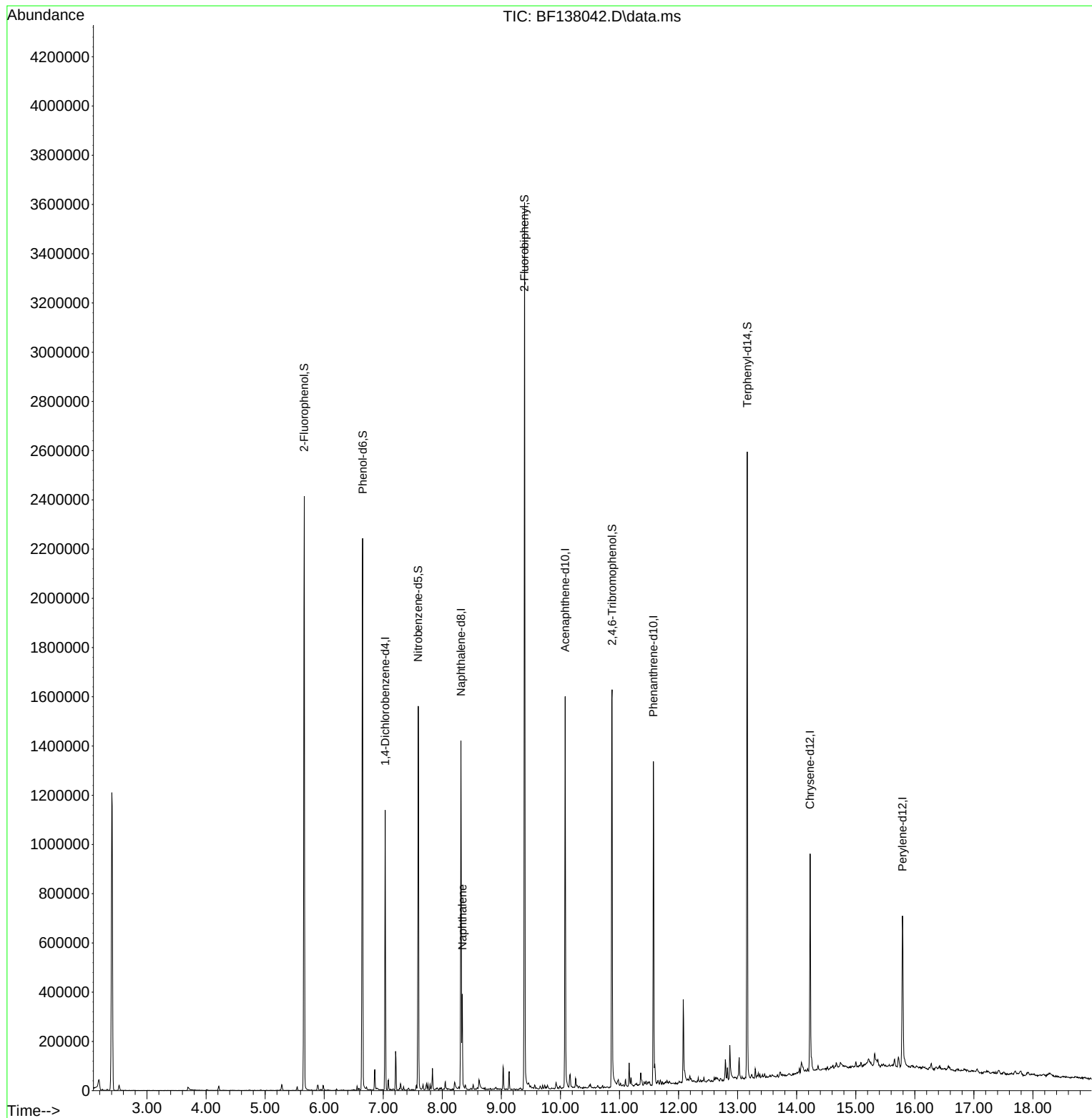
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	153559	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	595469	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	323029	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	497349	20.000	ng	0.00
76) Chrysene-d12	14.227	240	287667	20.000	ng	0.00
86) Perylene-d12	15.792	264	306770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	679354	75.149	ng	0.00
7) Phenol-d6	6.651	99	842073	75.618	ng	0.00
23) Nitrobenzene-d5	7.592	82	499442	49.360	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	241701	74.207	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1072457	51.141	ng	0.00
79) Terphenyl-d14	13.163	244	868815	44.512	ng	0.00
Target Compounds						
31) Naphthalene	8.339	128	156186	5.217	ng	Qvalue 100

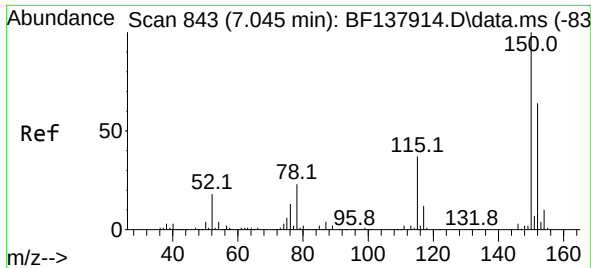
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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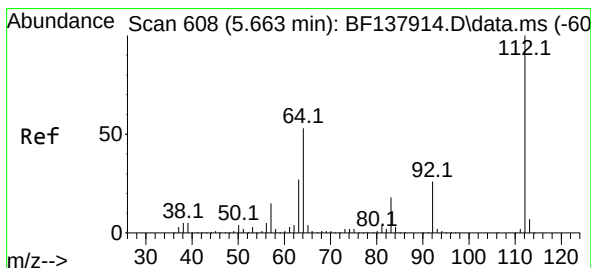
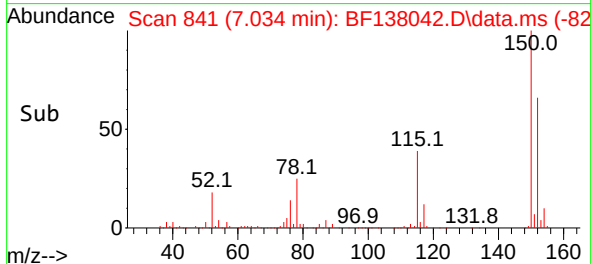
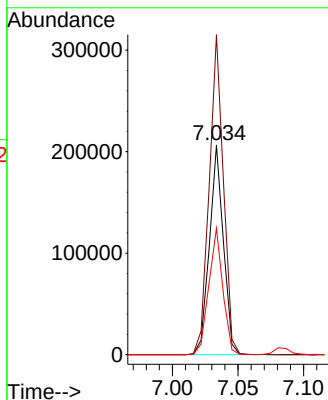
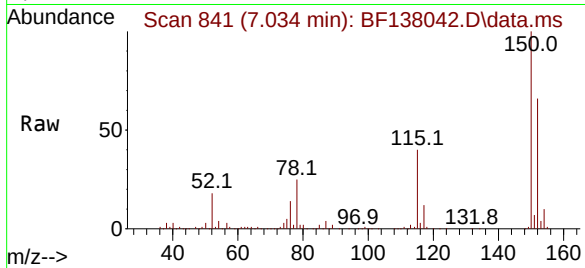




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

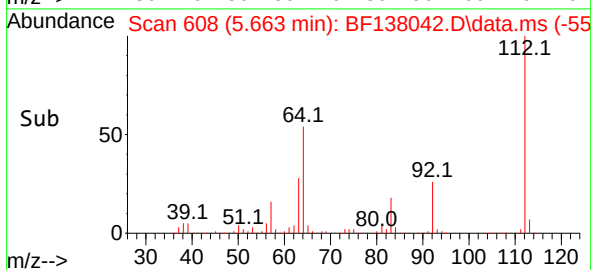
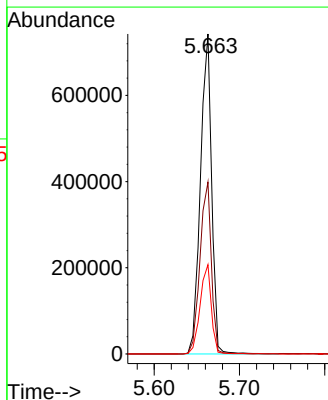
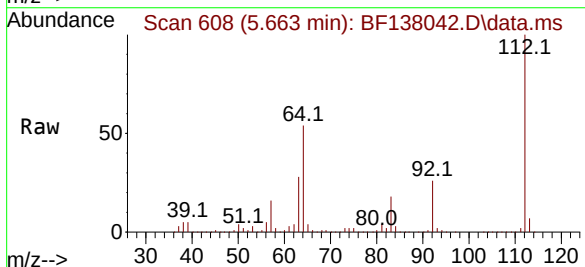
Instrument :
BNA_F
ClientSampleId :
VNJ-203

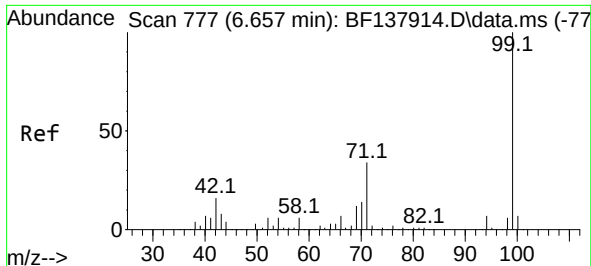
Tgt Ion:152 Resp: 153559
Ion Ratio Lower Upper
152 100
150 152.6 125.7 188.5
115 60.3 47.0 70.6



#5
2-Fluorophenol
Concen: 75.149 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion:112 Resp: 679354
Ion Ratio Lower Upper
112 100
64 53.7 42.4 63.6
63 27.9 21.4 32.2

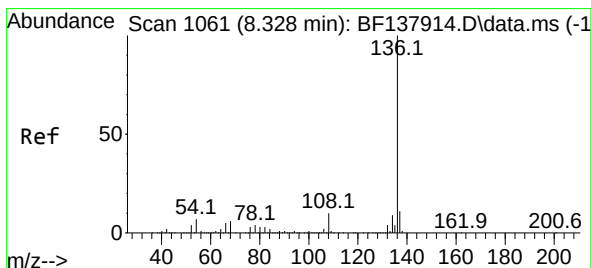
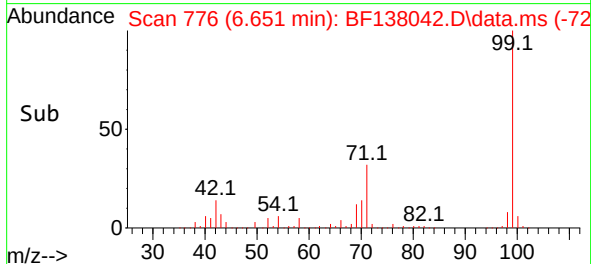
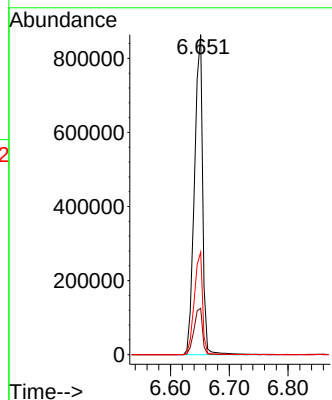
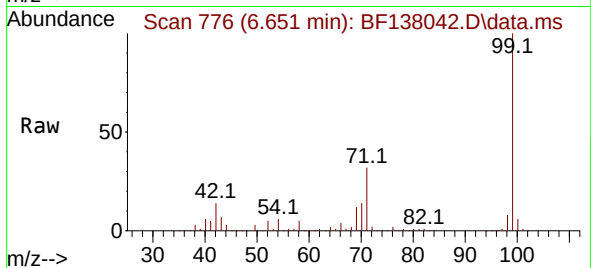




#7
Phenol-d6
Concen: 75.618 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

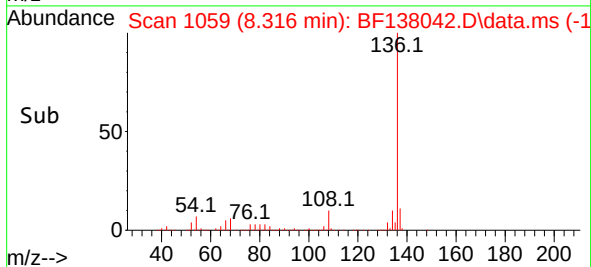
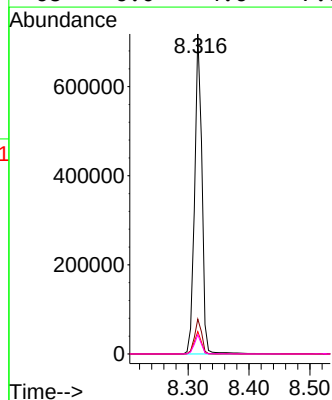
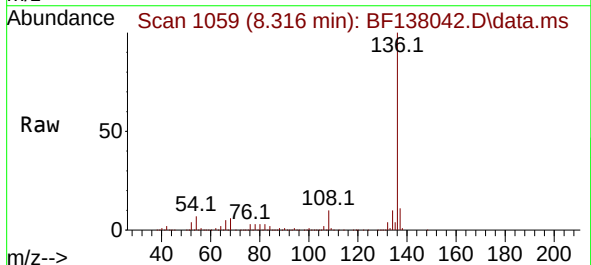
Instrument :
BNA_F
ClientSampleId :
VNJ-203

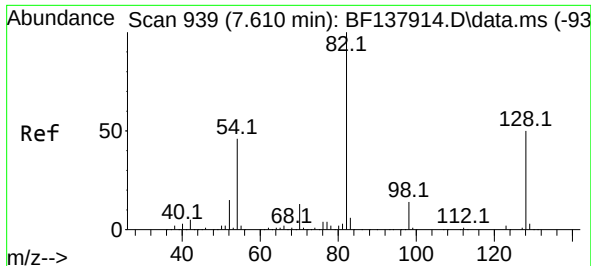
Tgt Ion: 99 Resp: 842073
Ion Ratio Lower Upper
99 100
42 14.5 12.6 18.8
71 32.0 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion: 136 Resp: 595469
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.0 5.4 8.2
68 6.0 4.6 7.0

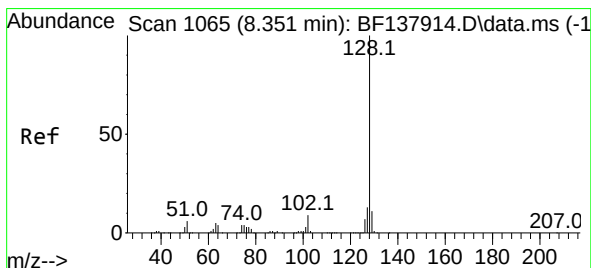
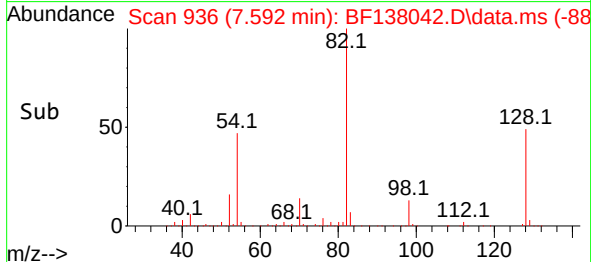
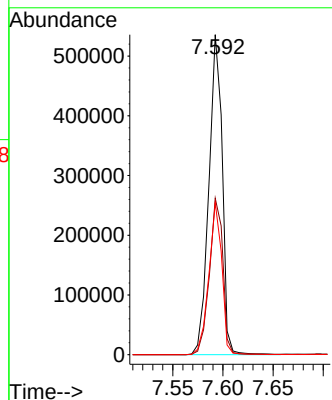
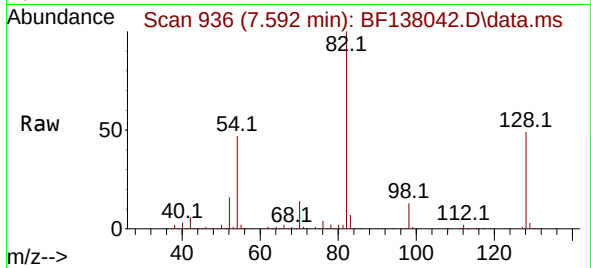




#23
Nitrobenzene-d5
Concen: 49.360 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

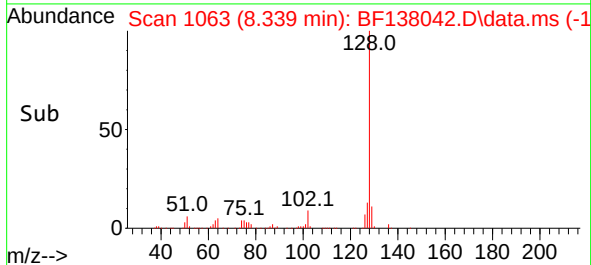
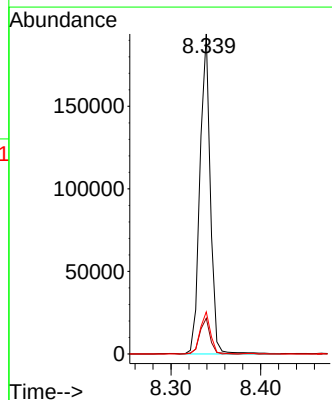
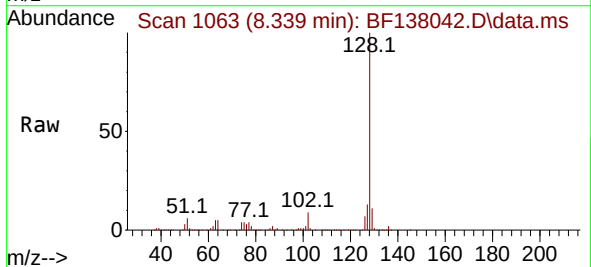
Instrument :
BNA_F
ClientSampleId :
VNJ-203

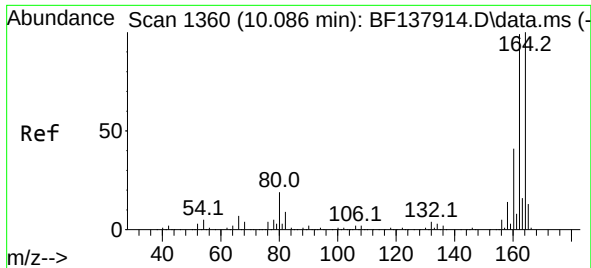
Tgt Ion: 82 Resp: 499442
Ion Ratio Lower Upper
82 100
128 48.9 40.3 60.5
54 47.5 36.8 55.2



#31
Naphthalene
Concen: 5.217 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

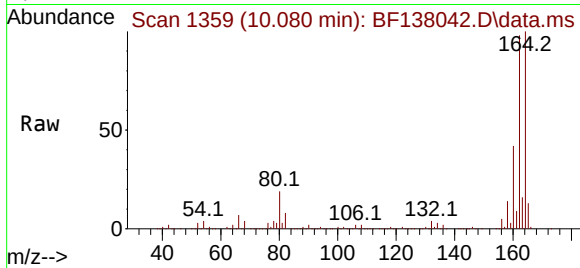
Tgt Ion: 128 Resp: 156186
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.6 16.0



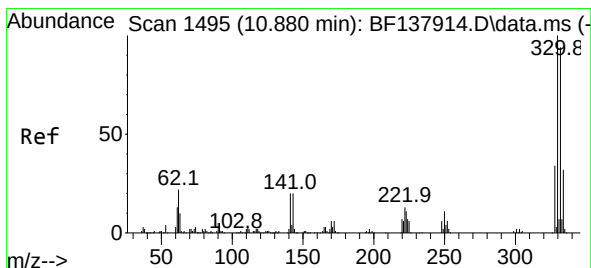
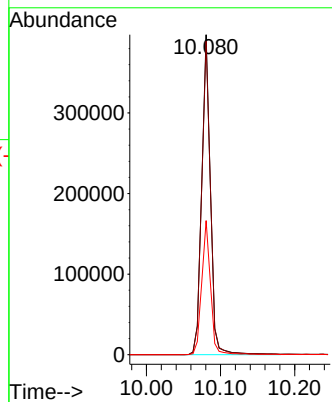
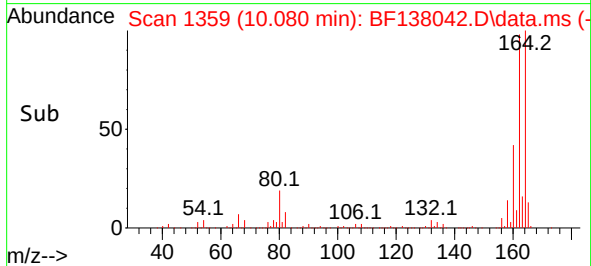


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Instrument :
BNA_F
ClientSampleId :
VNJ-203

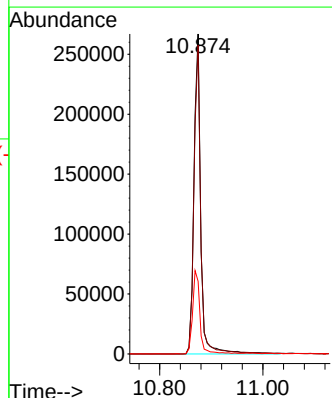
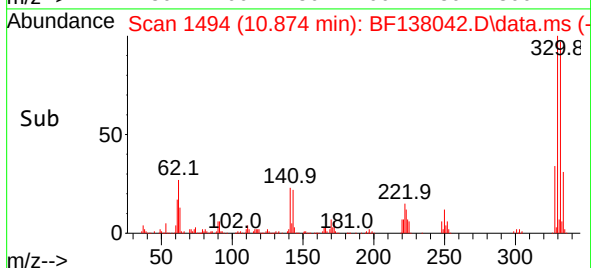
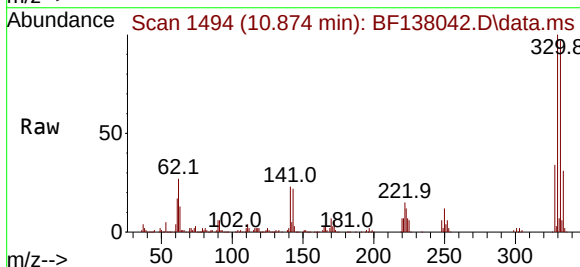


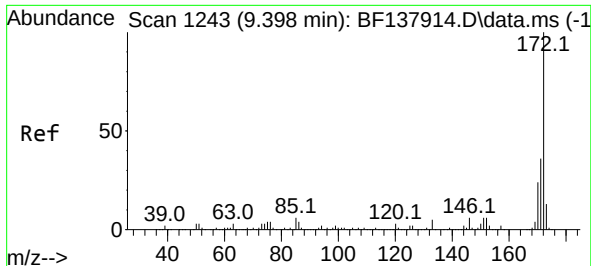
Tgt Ion:164 Resp: 323029
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.2
160 41.9 33.1 49.7



#42
2,4,6-Tribromophenol
Concen: 74.207 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion:330 Resp: 241701
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.8
141 28.5 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 51.141 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138042.D

Acq: 28 May 2024 12:42

Instrument :

BNA_F

ClientSampleId :

VNJ-203

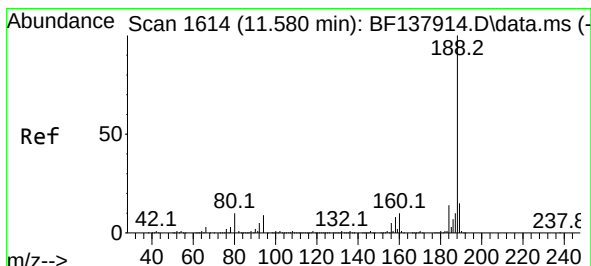
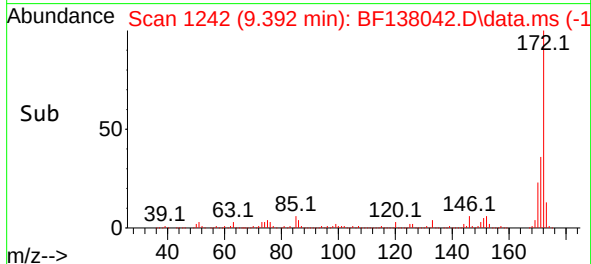
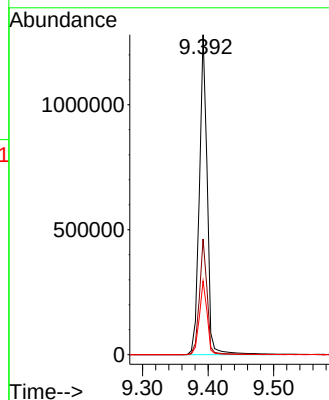
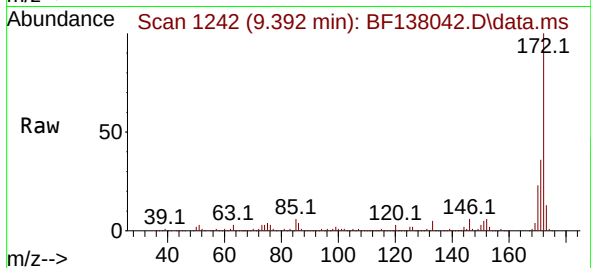
Tgt Ion:172 Resp: 1072457

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.1 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BF138042.D

Acq: 28 May 2024 12:42

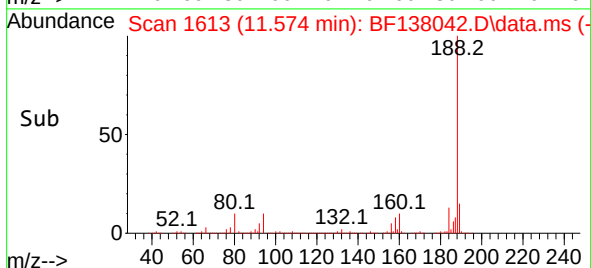
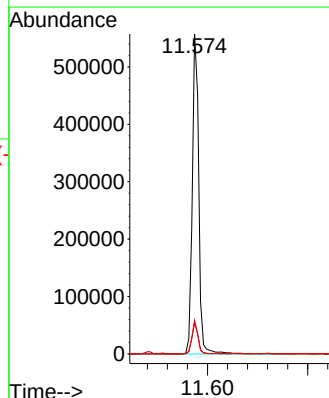
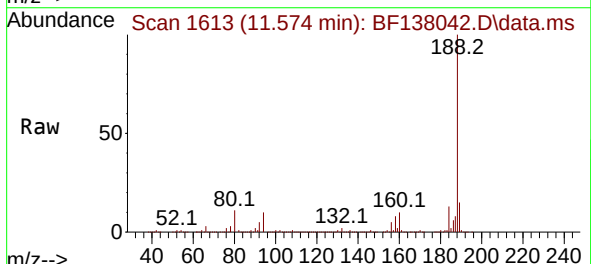
Tgt Ion:188 Resp: 497349

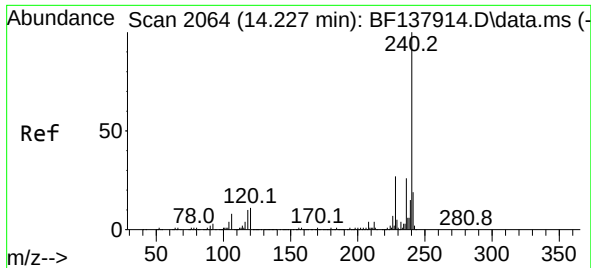
Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.6 7.7 11.5

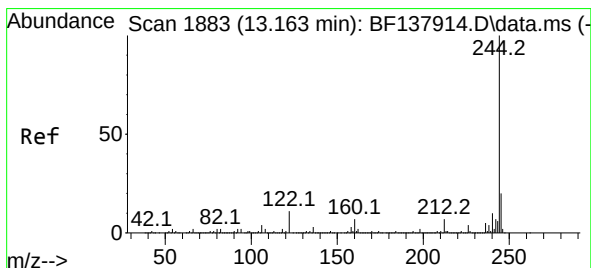
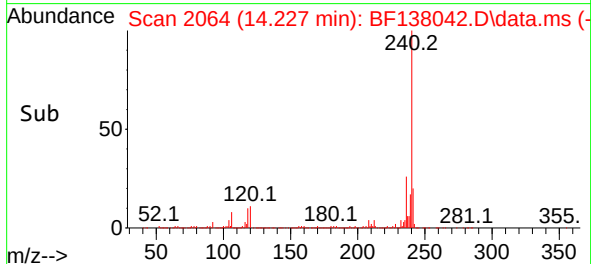
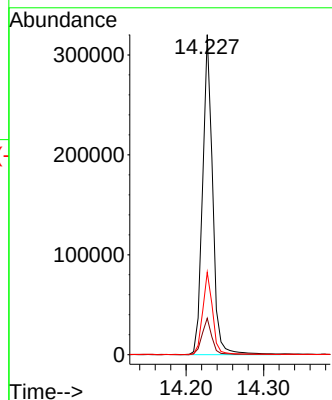
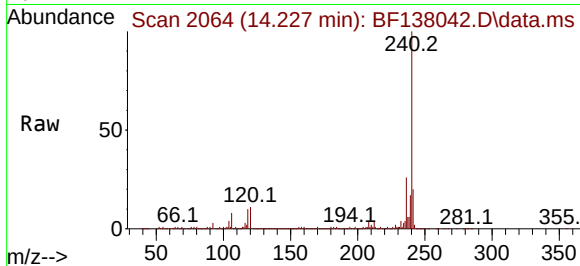




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

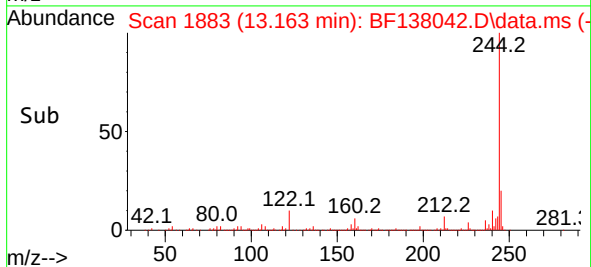
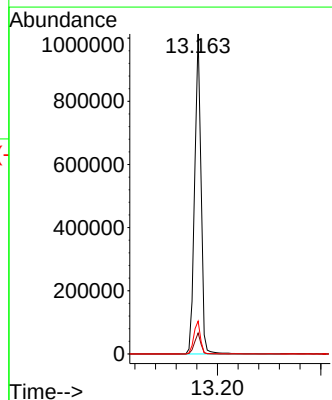
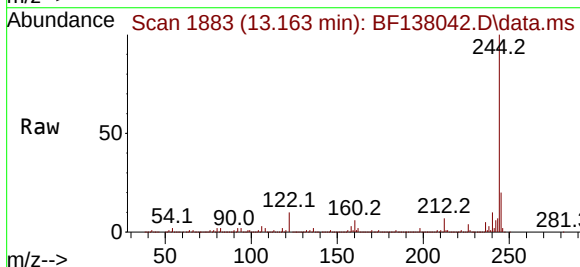
Instrument :
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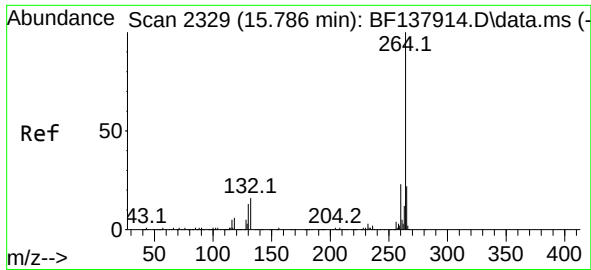
Tgt Ion:240 Resp: 287667
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 44.512 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion:244 Resp: 868815
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.3 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.792 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Tgt Ion:264 Resp: 306770

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.3	17.6	26.4

