

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138070.D
 Acq On : 30 May 2024 12:33
 Operator : CG\JU
 Sample : P2612-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

Quant Time: May 30 13:04:54 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	7.033	152	84629	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	329427	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	197651	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	357085	20.000	ng	0.00
76) Chrysene-d12	14.227	240	204601	20.000	ng	0.00
86) Perylene-d12	15.804	264	163326	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	659643	132.401	ng	0.01
7) Phenol-d6	6.657	99	735812	119.894	ng	0.00
23) Nitrobenzene-d5	7.598	82	529977	94.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	359774	180.527	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1218781	94.985	ng	0.00
79) Terphenyl-d14	13.168	244	1426682	102.768	ng	0.00

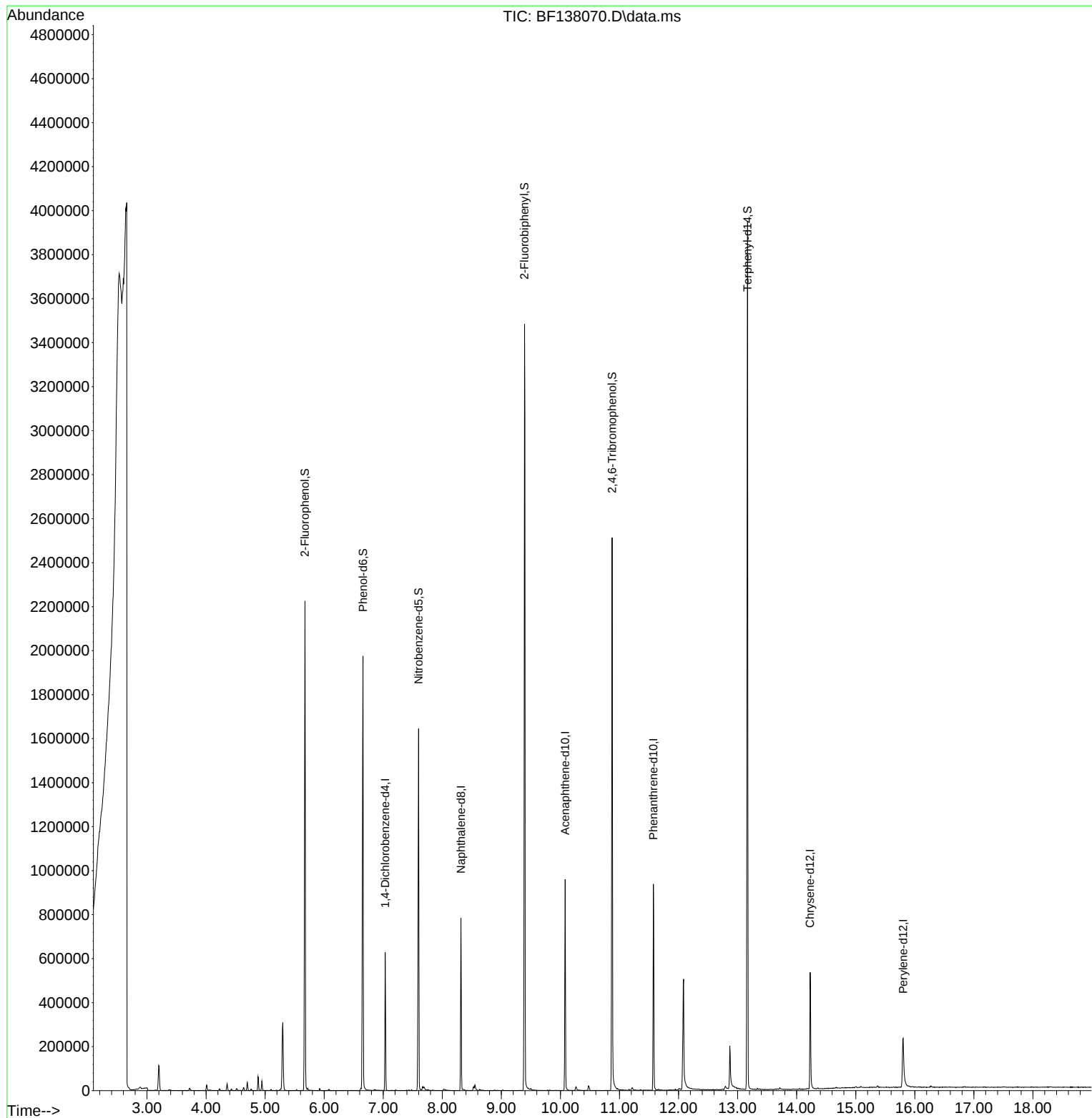
Target Compounds	Qvalue

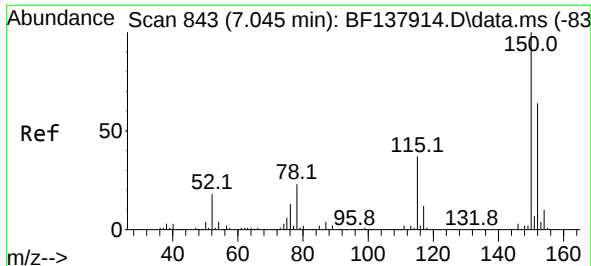
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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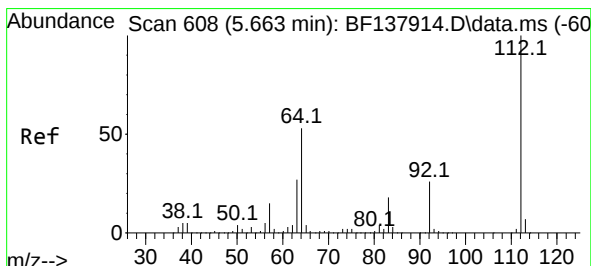
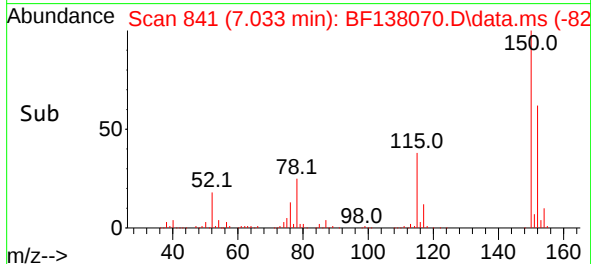
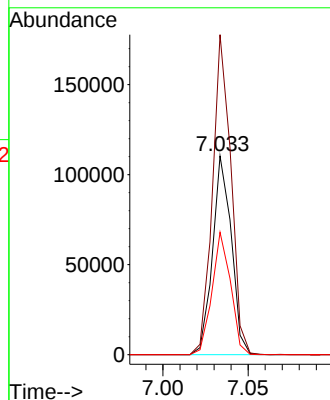
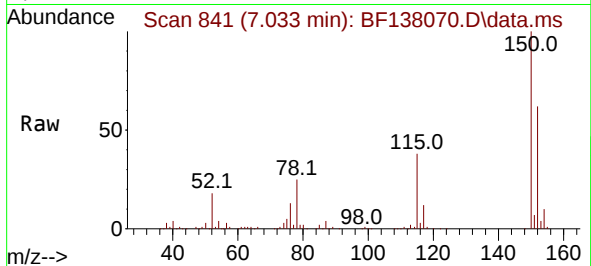




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.033 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

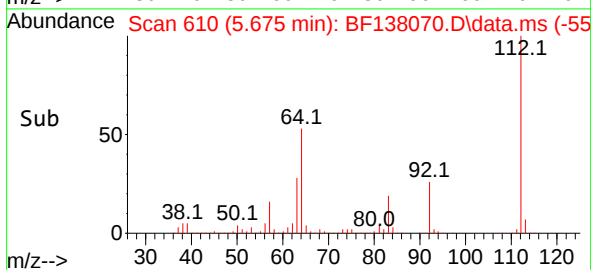
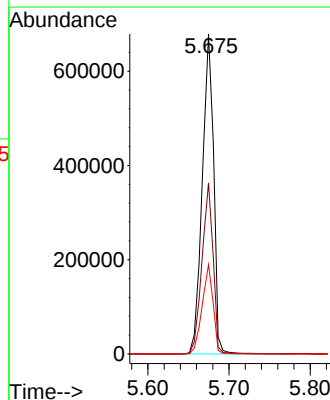
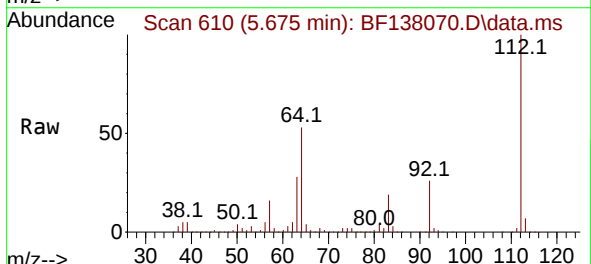
Instrument :
BNA_F
ClientSampleId :
VNJ-203

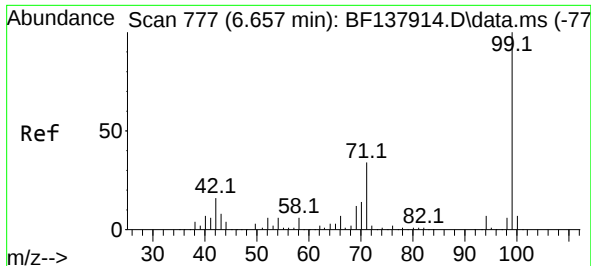
Tgt Ion:152 Resp: 84629
Ion Ratio Lower Upper
152 100
150 161.0 125.7 188.5
115 61.6 47.0 70.6



#5
2-Fluorophenol
Concen: 132.401 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion:112 Resp: 659643
Ion Ratio Lower Upper
112 100
64 53.5 42.4 63.6
63 27.9 21.4 32.2



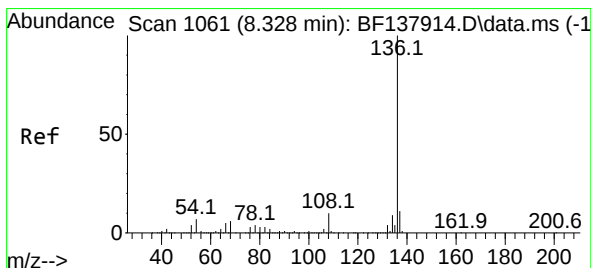
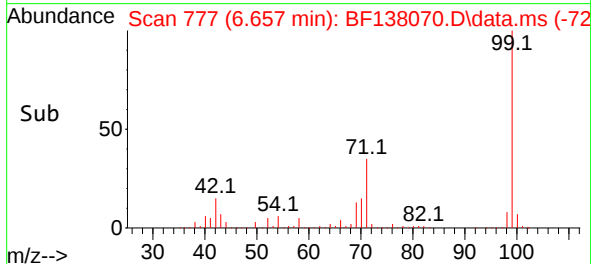
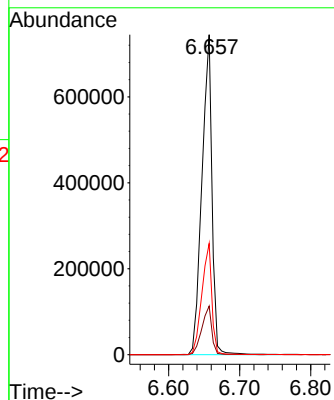
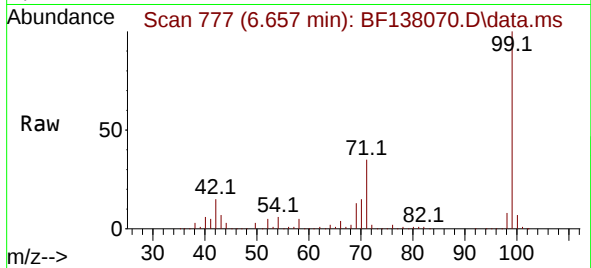


#7
Phenol-d6
Concen: 119.894 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Tgt Ion: 99 Resp: 735812

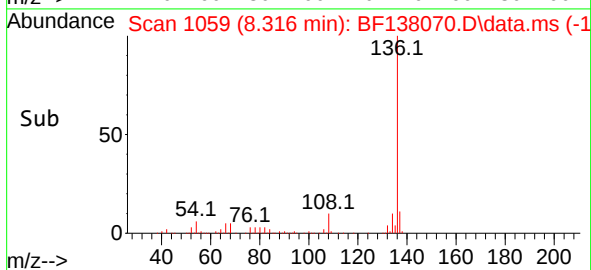
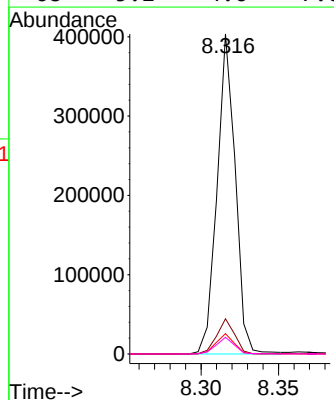
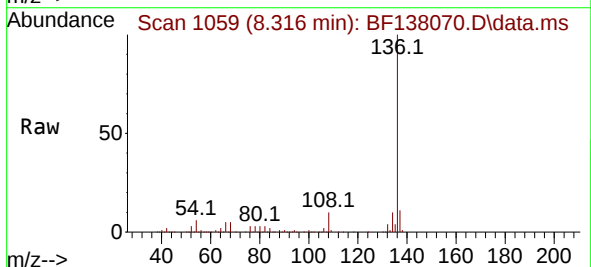
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.6	18.8
71	34.8	27.1	40.7

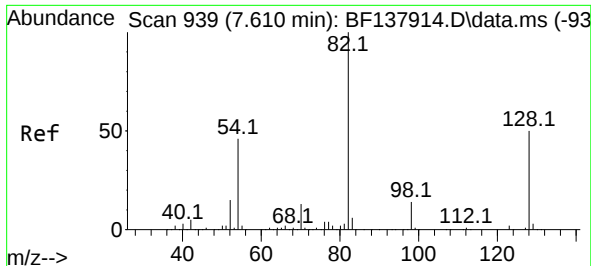


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion: 136 Resp: 329427

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.3	5.4	8.2
68	5.2	4.6	7.0

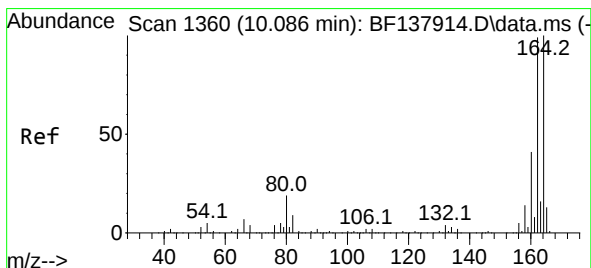
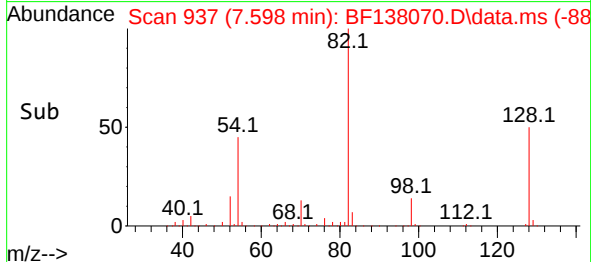
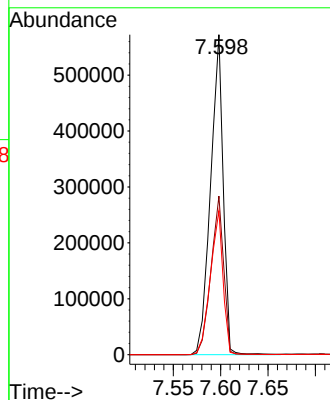
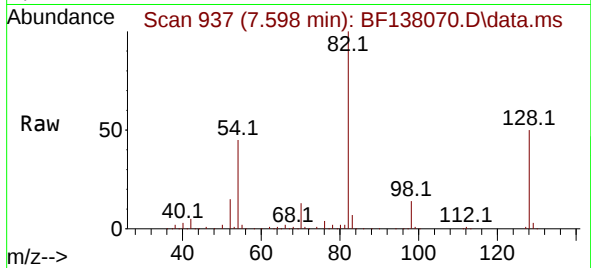




#23
Nitrobenzene-d5
Concen: 94.678 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

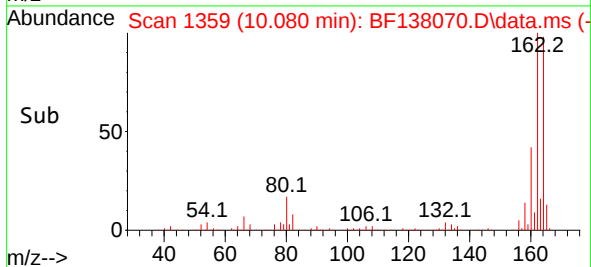
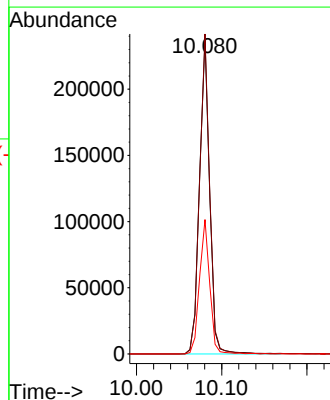
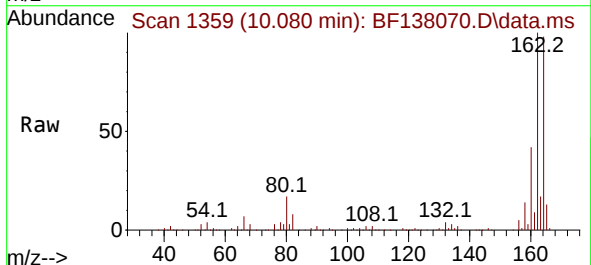
Instrument :
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ClientSampleId :
VNJ-203

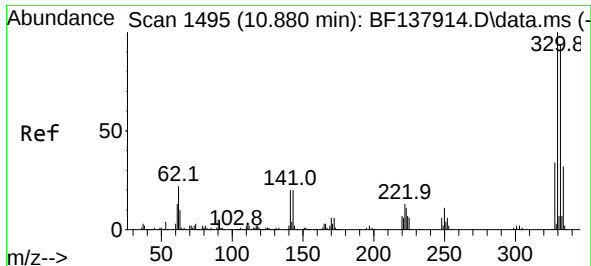
Tgt Ion: 82 Resp: 529977
Ion Ratio Lower Upper
82 100
128 49.5 40.3 60.5
54 45.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion:164 Resp: 197651
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 42.7 33.1 49.7

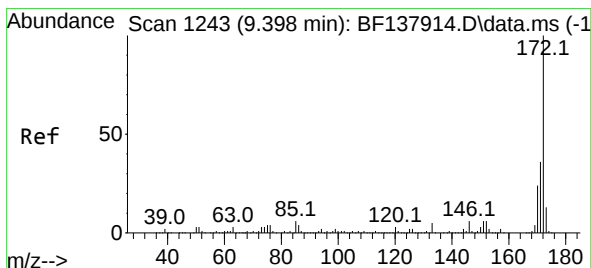
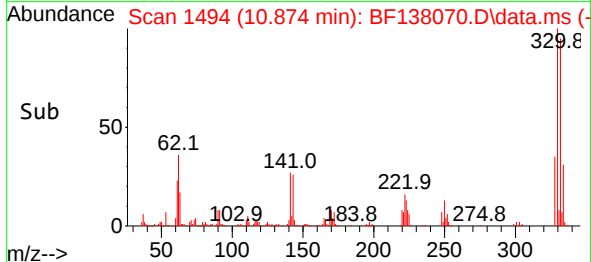
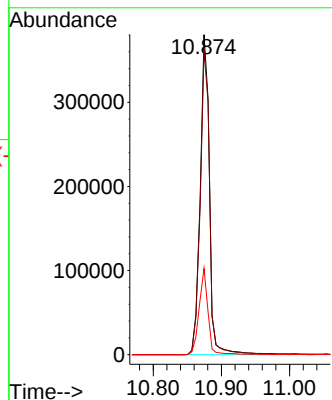
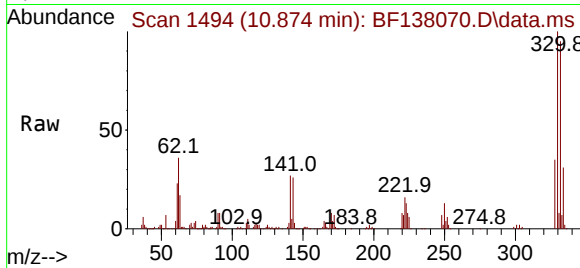




#42
2,4,6-Tribromophenol
Concen: 180.527 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

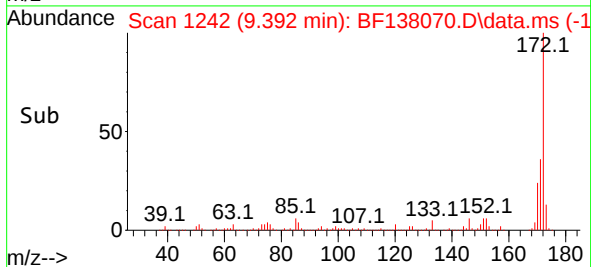
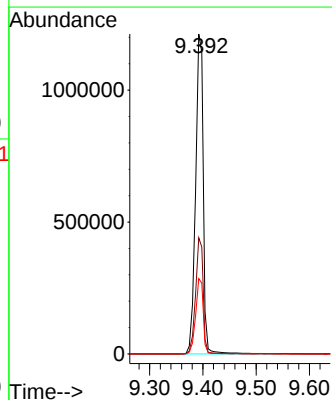
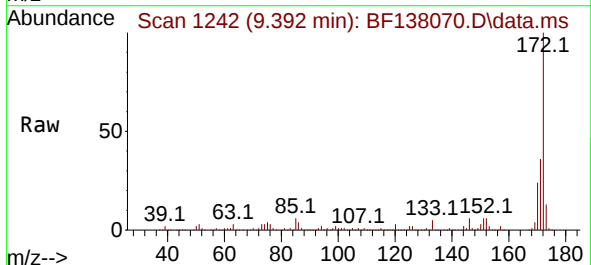
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ClientSampleId :
VNJ-203

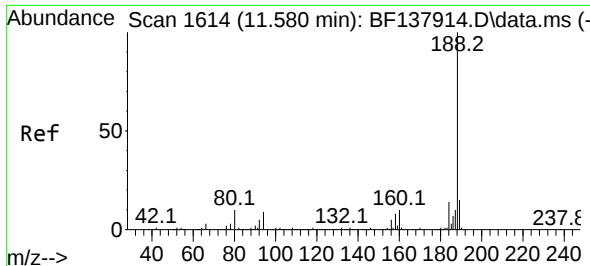
Tgt Ion:330 Resp: 359774
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.8
141 26.1 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 94.985 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion:172 Resp: 1218781
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 23.6 18.9 28.3

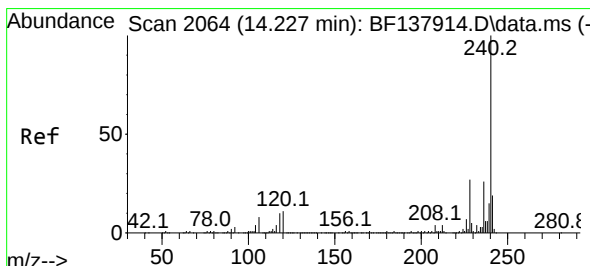
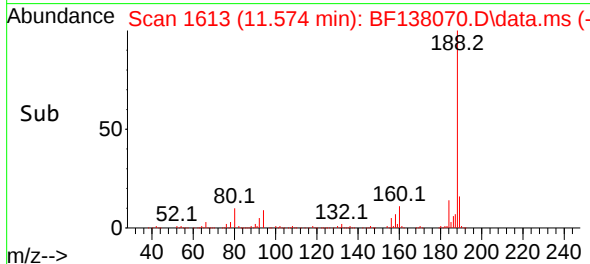
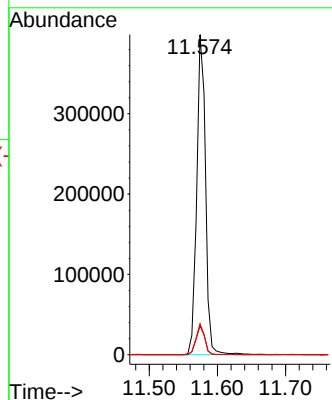
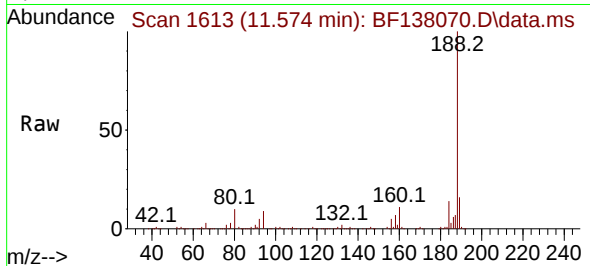




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

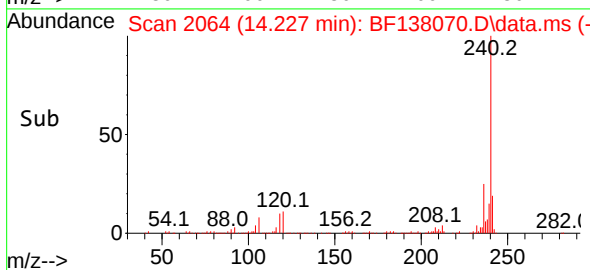
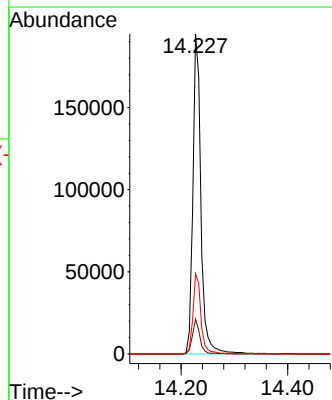
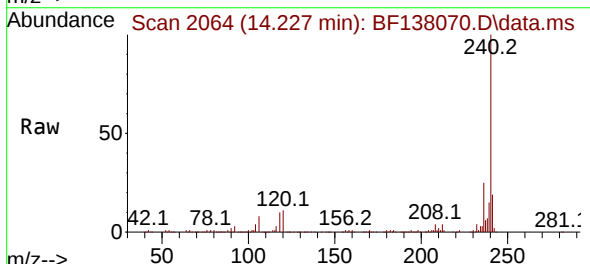
Instrument :
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VNJ-203

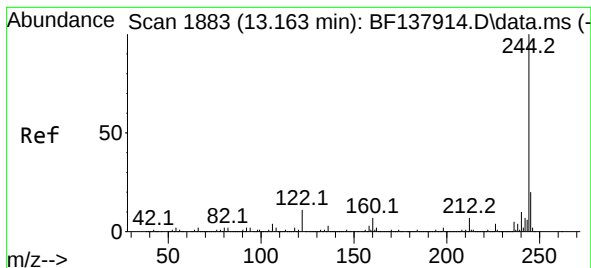
Tgt Ion:188 Resp: 357085
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF138070.D
Acq: 30 May 2024 12:33

Tgt Ion:240 Resp: 204601
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.1 21.0 31.4





#79

Terphenyl-d14

Concen: 102.768 ng

RT: 13.168 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138070.D

Acq: 30 May 2024 12:33

Instrument :

BNA_F

ClientSampleId :

VNJ-203

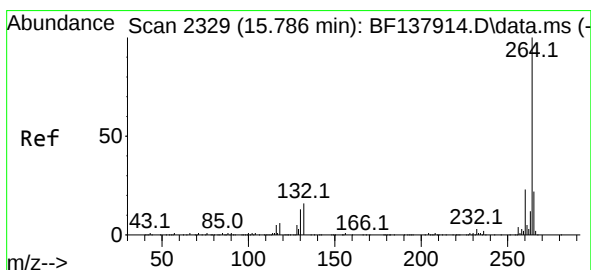
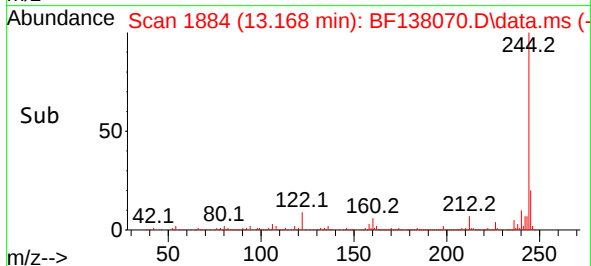
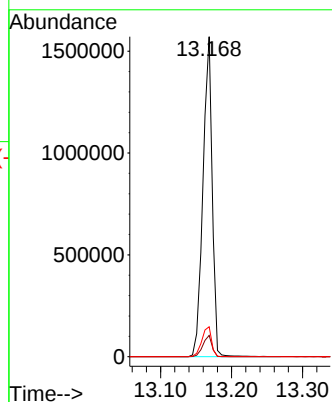
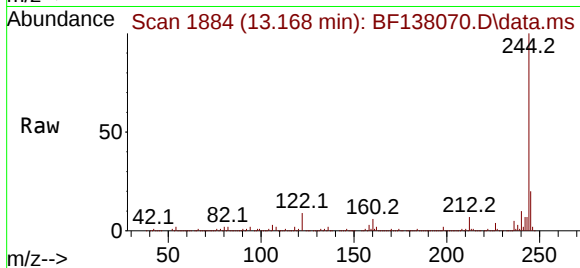
Tgt Ion:244 Resp: 1426682

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.4 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 2332

Delta R.T. 0.018 min

Lab File: BF138070.D

Acq: 30 May 2024 12:33

Tgt Ion:264 Resp: 163326

Ion Ratio Lower Upper

264 100

260 21.8 18.3 27.5

265 21.2 17.6 26.4

