

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134279.D
 Acq On : 14 Jul 2023 01:01
 Operator : CG\JU
 Sample : 03555-12RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-240RE

Quant Time: Jul 14 01:59:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	58769	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	226258	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	113738	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	199110	20.000	ng	0.00
76) Chrysene-d12	14.033	240	122266	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	89157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	220465	62.752	ng	0.00
7) Phenol-d6	6.475	99	254253	58.846	ng	-0.01
23) Nitrobenzene-d5	7.398	82	179491	42.763	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	82247	57.675	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	354842	45.359	ng	0.00
79) Terphenyl-d14	12.969	244	379643	49.973	ng	0.00

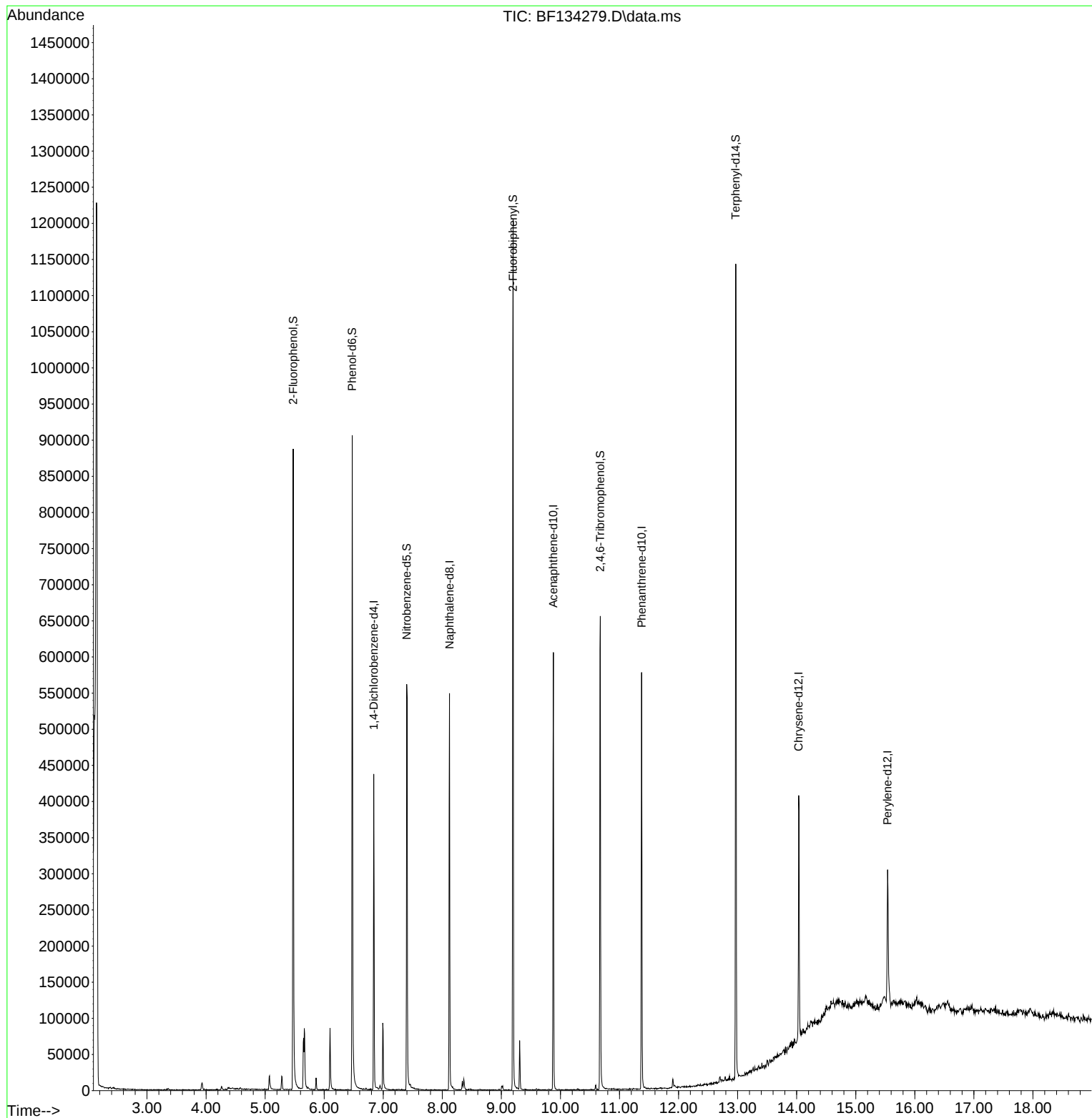
Target Compounds	Qvalue

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

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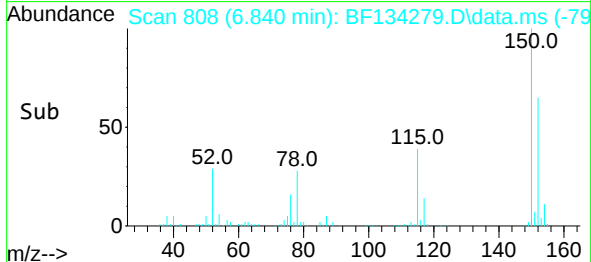
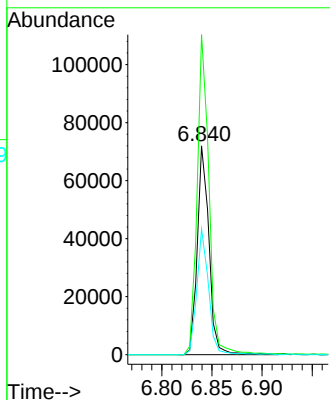
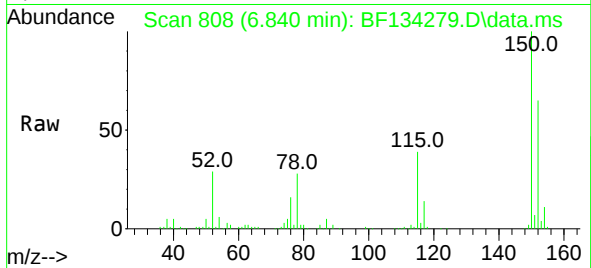




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

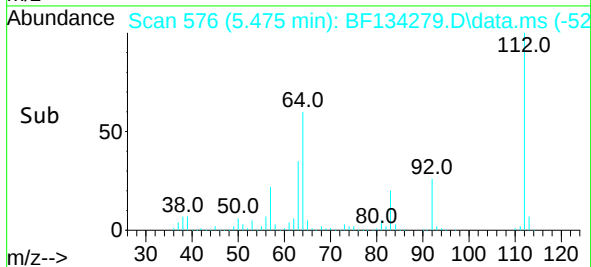
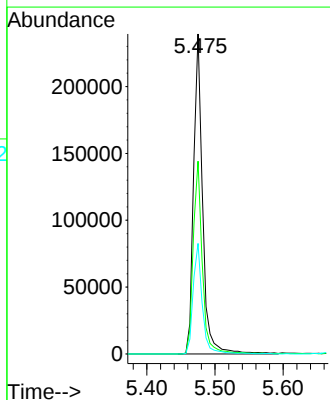
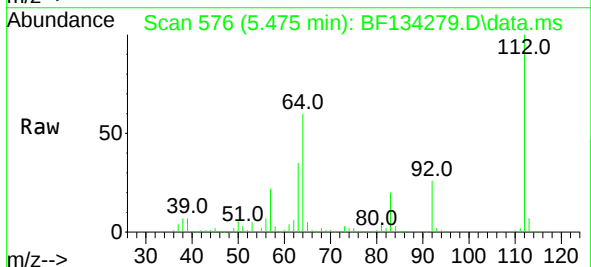
Instrument :
BNA_F
ClientSampleId :
VNJ-240RE

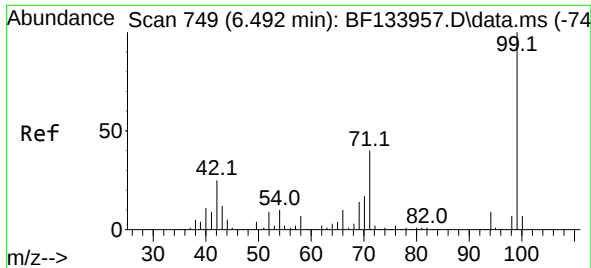
Tgt Ion:152 Resp: 58769
Ion Ratio Lower Upper
152 100
150 153.2 124.5 186.7
115 60.2 50.2 75.2



#5
2-Fluorophenol
Concen: 62.752 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

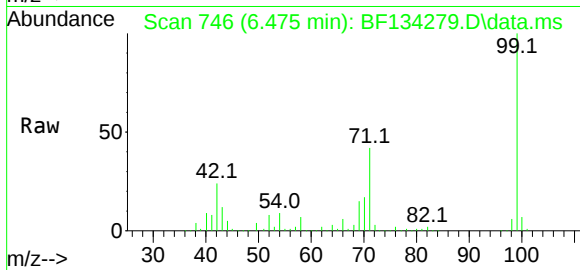
Tgt Ion:112 Resp: 220465
Ion Ratio Lower Upper
112 100
64 60.3 52.1 78.1
63 34.5 28.6 42.8



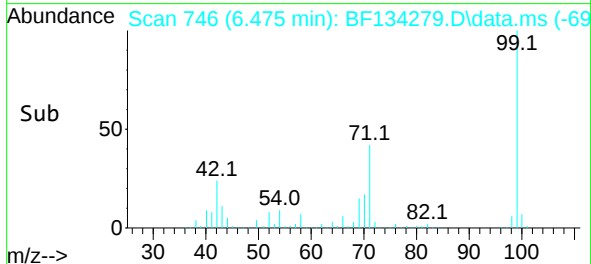
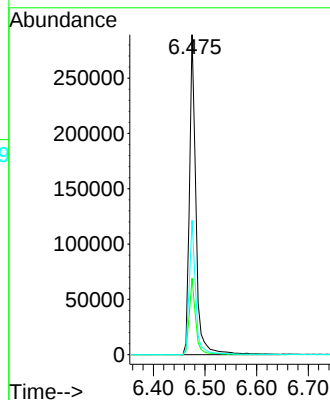


#7
Phenol-d6
Concen: 58.846 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Instrument :
BNA_F
ClientSampleId :
VNJ-240RE

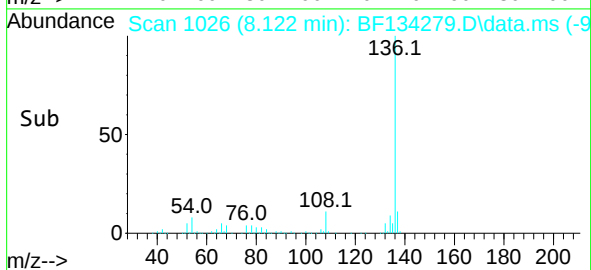
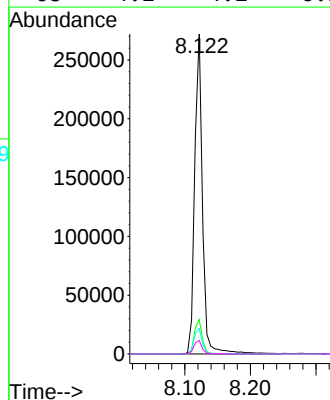
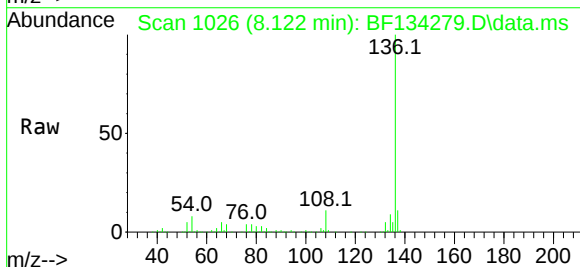


Tgt Ion:	99	Resp:	254253
Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.8	29.6
71	42.0	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Tgt Ion:	136	Resp:	226258
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.0	6.5	9.7
68	4.2	4.2	6.2





#23

Nitrobenzene-d5

Concen: 42.763 ng

RT: 7.398 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

Instrument :

BNA_F

ClientSampleId :

VNJ-240RE

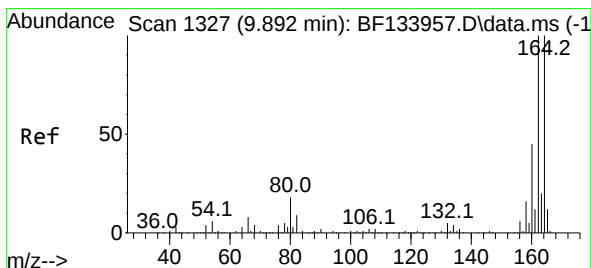
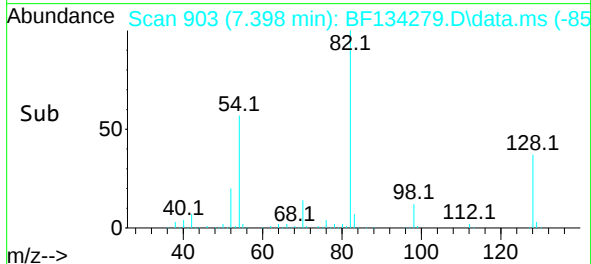
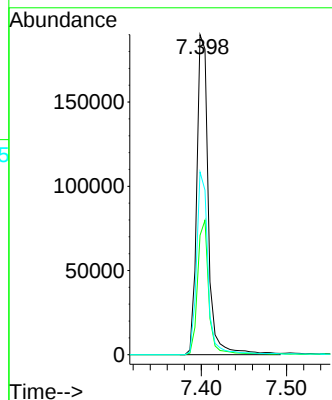
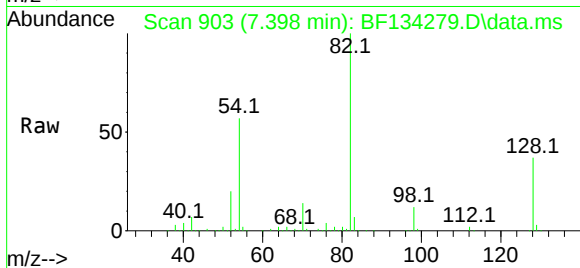
Tgt Ion: 82 Resp: 179491

Ion Ratio Lower Upper

82 100

128 37.3 32.5 48.7

54 57.0 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

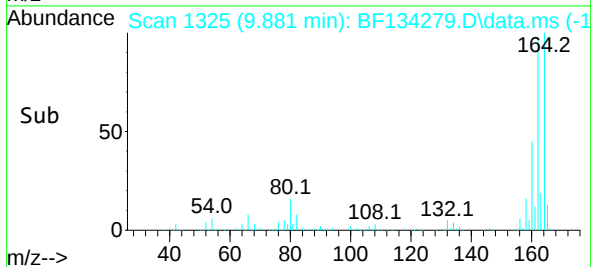
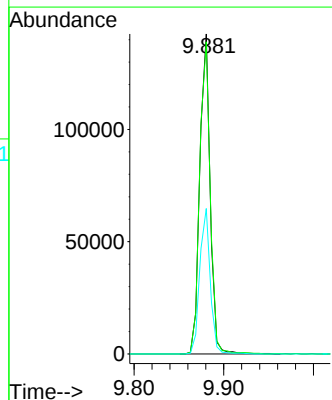
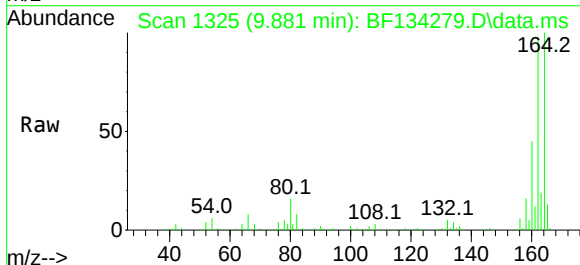
Tgt Ion:164 Resp: 113738

Ion Ratio Lower Upper

164 100

162 97.6 80.0 120.0

160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 57.675 ng

RT: 10.675 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

Instrument :

BNA_F

ClientSampleId :

VNJ-240RE

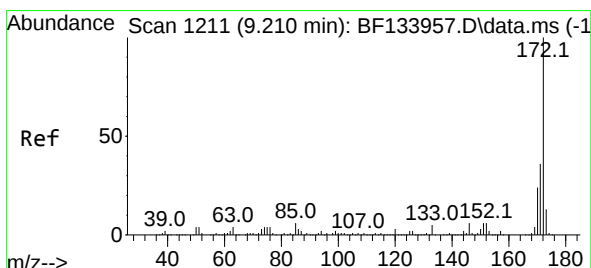
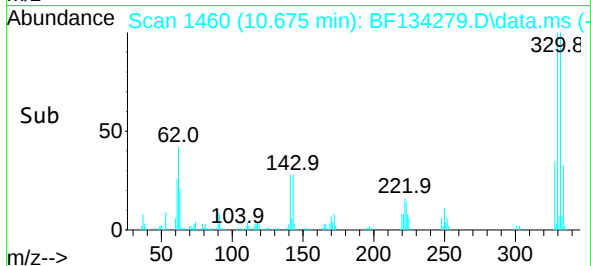
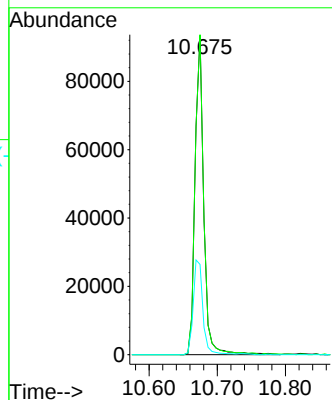
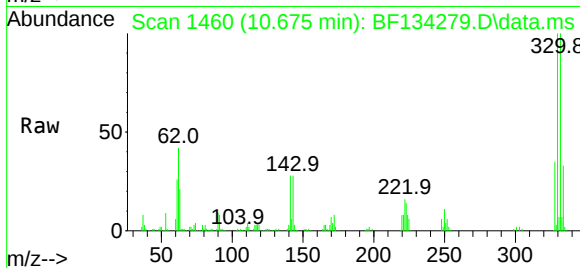
Tgt Ion:330 Resp: 82247

Ion Ratio Lower Upper

330 100

332 99.9 77.0 115.6

141 32.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 45.359 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

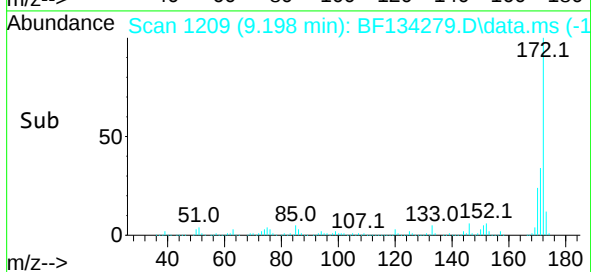
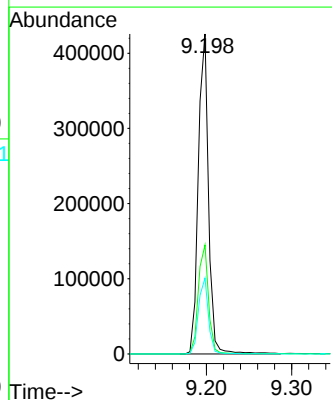
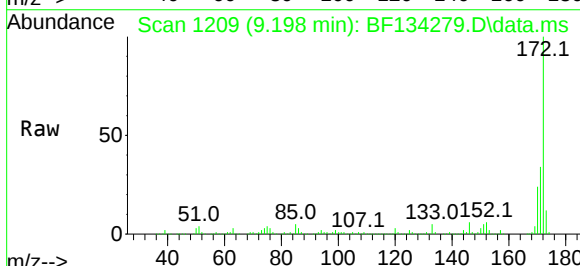
Tgt Ion:172 Resp: 354842

Ion Ratio Lower Upper

172 100

171 34.0 28.6 43.0

170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

Instrument :

BNA_F

ClientSampleId :

VNJ-240RE

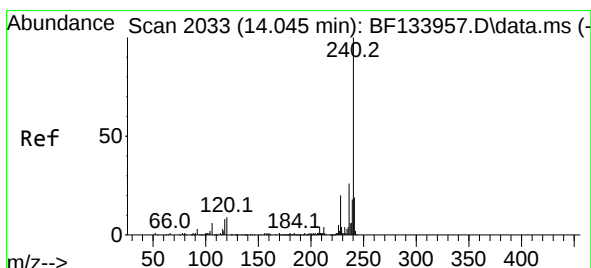
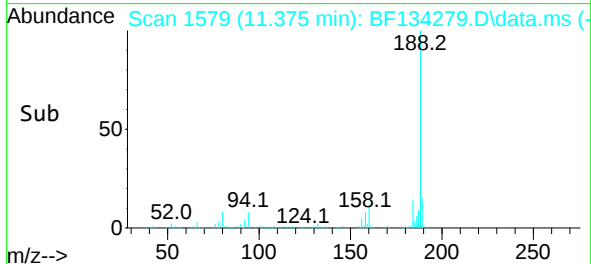
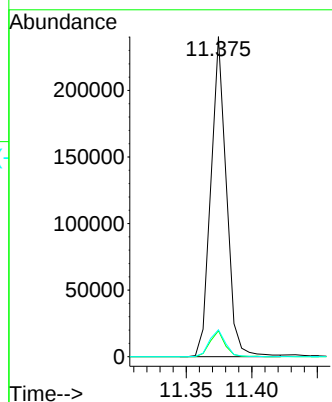
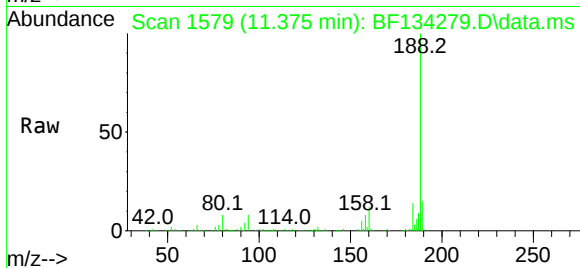
Tgt Ion:188 Resp: 199110

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

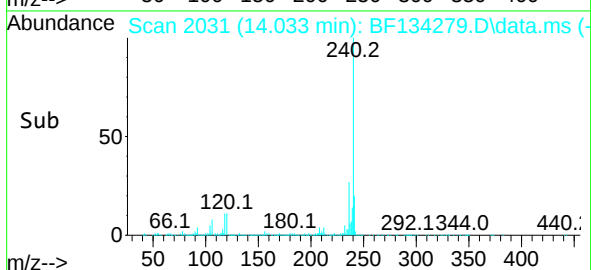
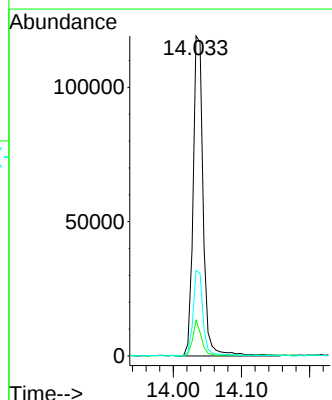
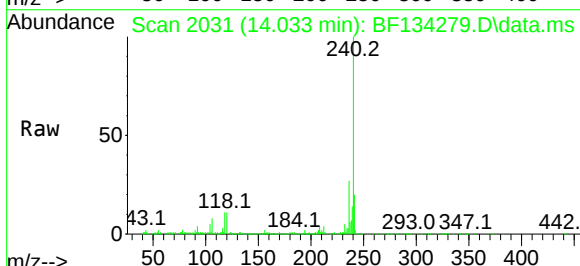
Tgt Ion:240 Resp: 122266

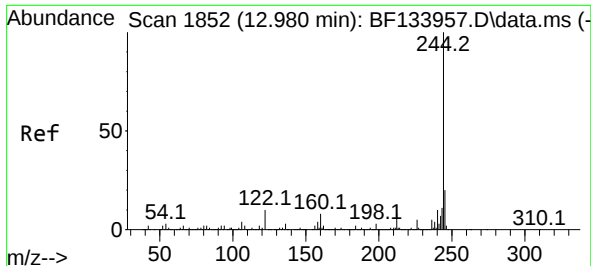
Ion Ratio Lower Upper

240 100

120 11.1 7.4 11.0#

236 26.7 21.0 31.6

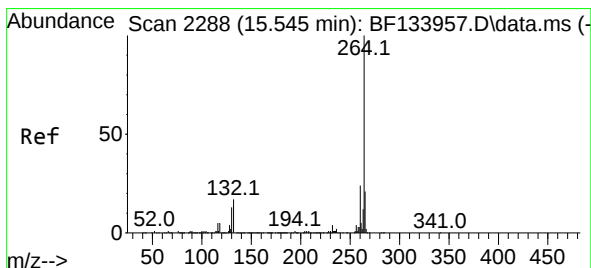
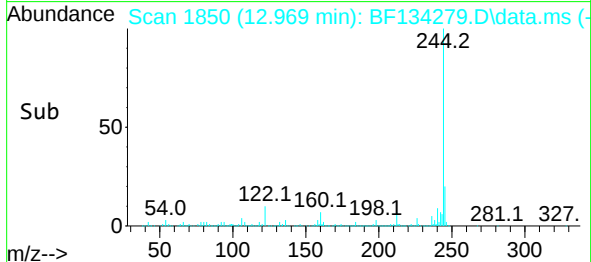
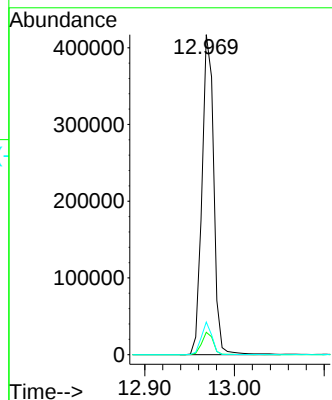
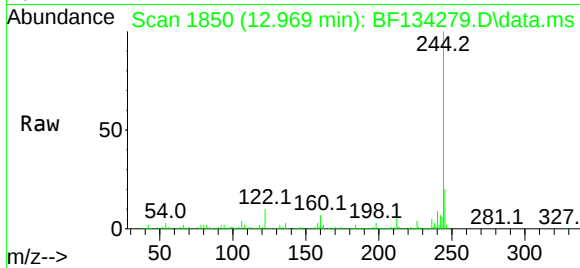




#79
 Terphenyl-d14
 Concen: 49.973 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134279.D
 Acq: 14 Jul 2023 01:01

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-240RE

Tgt Ion:244 Resp: 379643
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134279.D
 Acq: 14 Jul 2023 01:01

Tgt Ion:264 Resp: 89157
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 22.5 16.6 25.0

