

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131337.D
 Acq On : 22 Nov 2022 19:01
 Operator : CG\JU
 Sample : N5751-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Nov 23 04:18:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	100144	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	362048	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	209844	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	367661	20.000	ng	#-0.01
76) Chrysene-d12	14.168	240	182162	20.000	ng	-0.01
86) Perylene-d12	15.710	264	198800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	567389	107.831	ng	0.00
7) Phenol-d6	6.575	99	749381	111.623	ng	-0.01
23) Nitrobenzene-d5	7.528	82	503346	70.082	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	160977	91.183	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	978254	67.821	ng	0.00
79) Terphenyl-d14	13.110	244	960274	86.204	ng	0.00

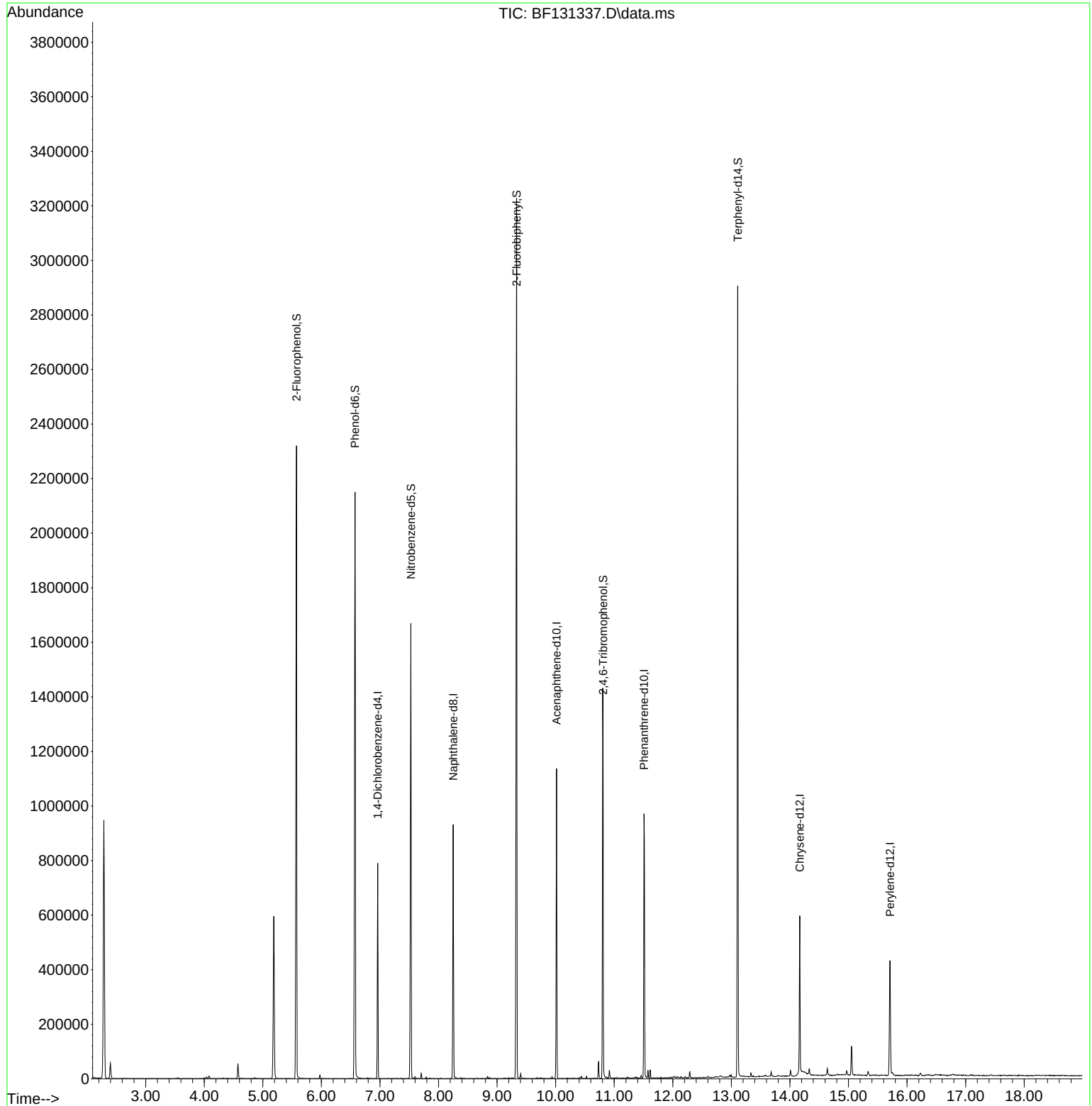
Target Compounds	Qvalue

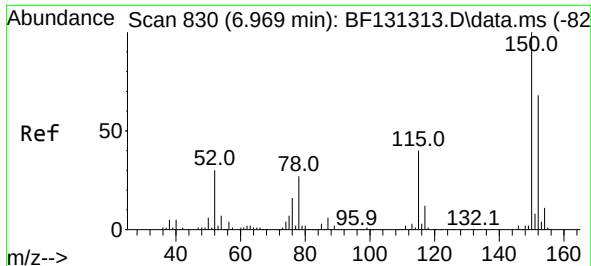
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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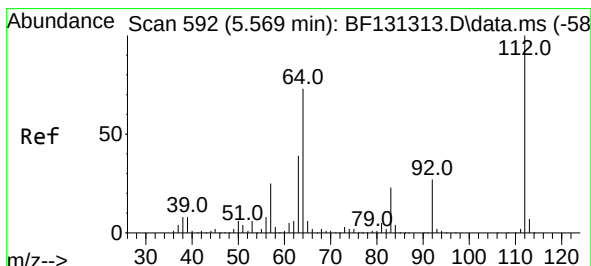
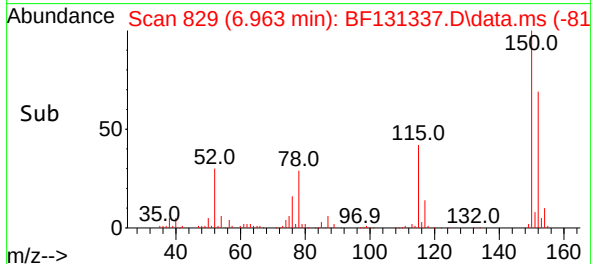
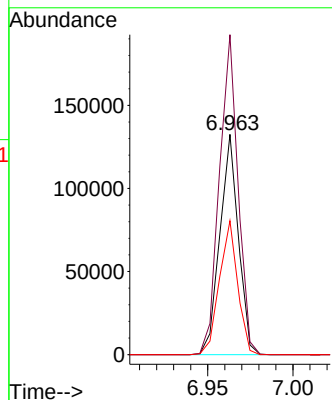
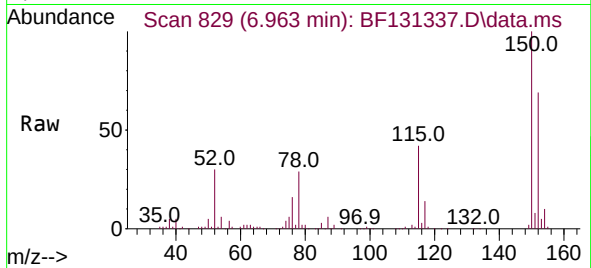




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131337.D
 Acq: 22 Nov 2022 19:01

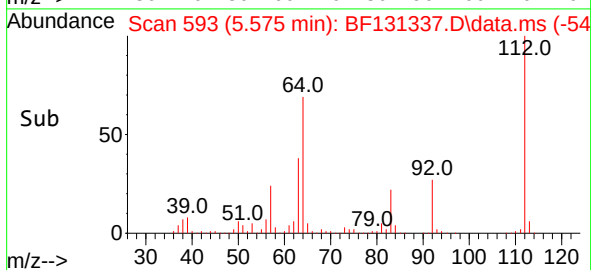
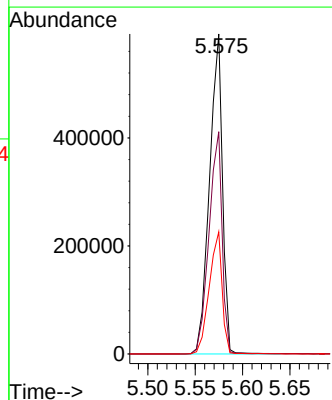
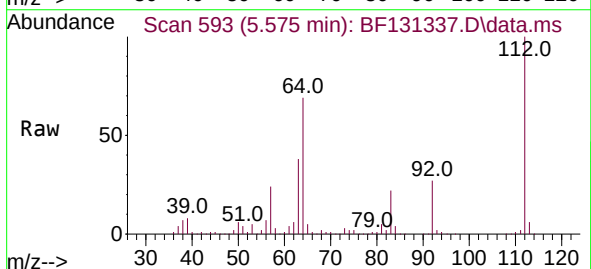
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

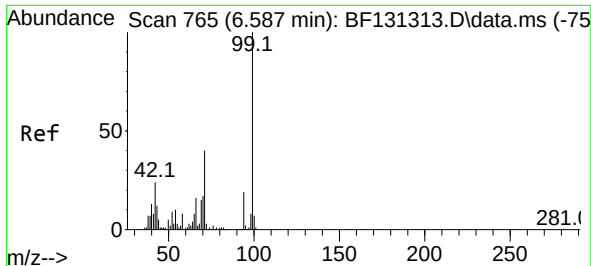
Tgt Ion:152 Resp: 100144
 Ion Ratio Lower Upper
 152 100
 150 145.3 117.8 176.8
 115 60.7 47.1 70.7



#5
 2-Fluorophenol
 Concen: 107.831 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.006 min
 Lab File: BF131337.D
 Acq: 22 Nov 2022 19:01

Tgt Ion:112 Resp: 567389
 Ion Ratio Lower Upper
 112 100
 64 69.4 58.6 88.0
 63 38.1 31.4 47.0

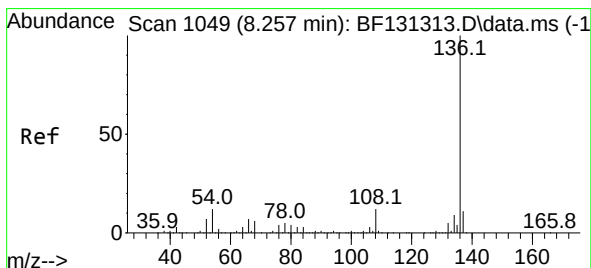
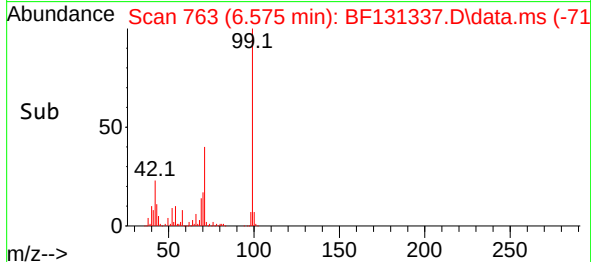
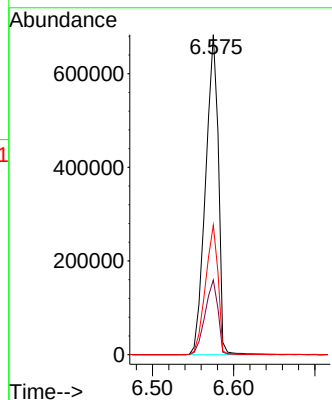
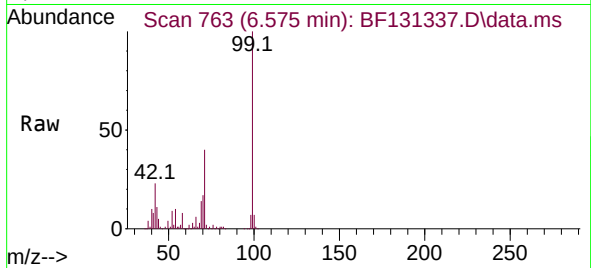




#7
Phenol-d6
Concen: 111.623 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

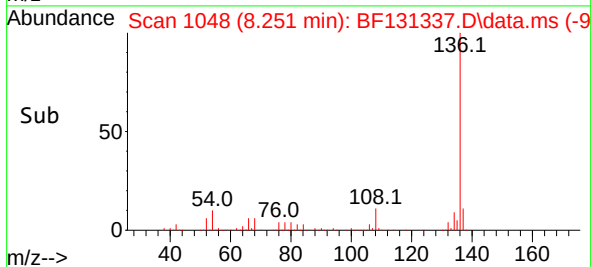
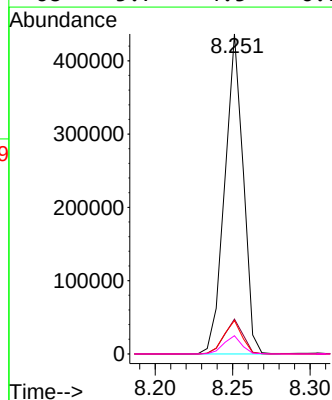
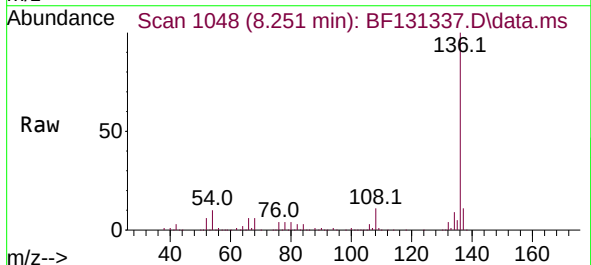
Instrument :
BNA_F
ClientSampleId :
VNJ-223

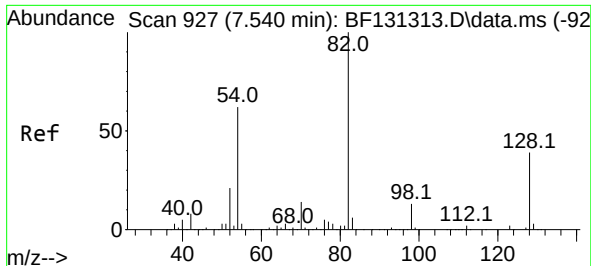
Tgt Ion: 99 Resp: 749381
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.2
71 40.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

Tgt Ion: 136 Resp: 362048
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.4 9.4 14.0
68 5.7 4.5 6.7

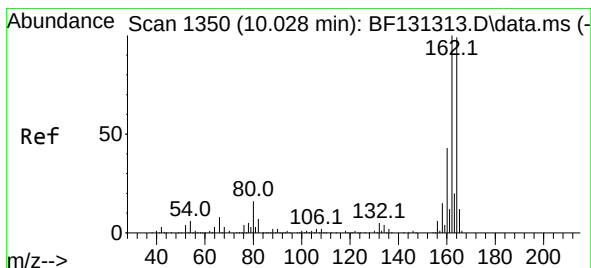
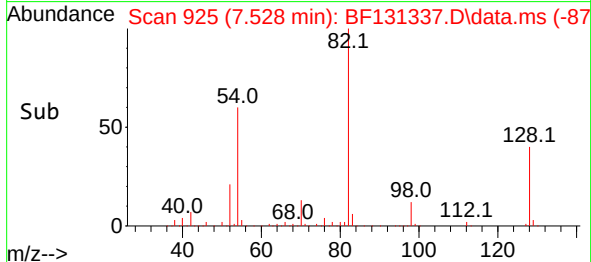
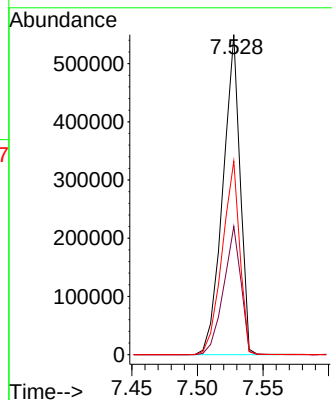
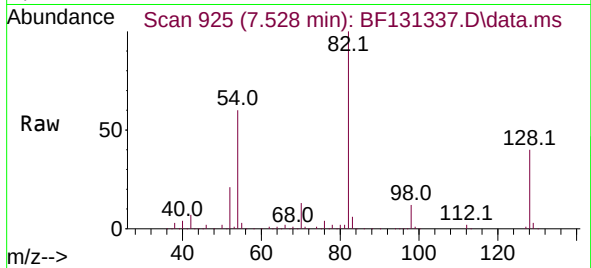




#23
 Nitrobenzene-d5
 Concen: 70.082 ng
 RT: 7.528 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BF131337.D
 Acq: 22 Nov 2022 19:01

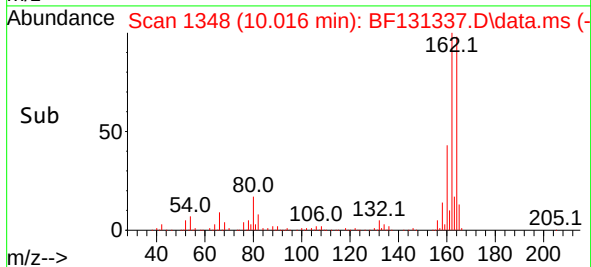
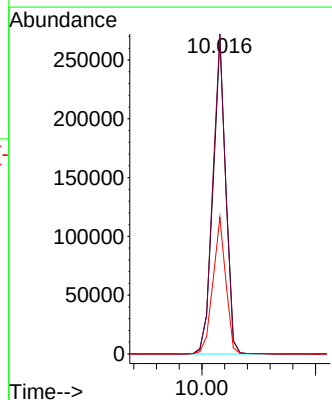
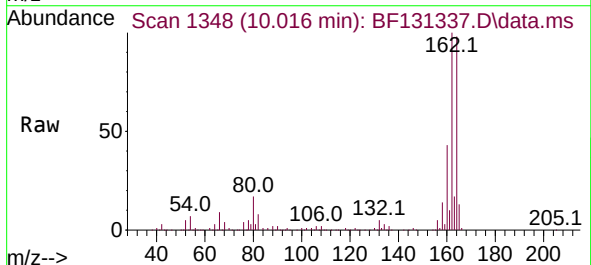
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

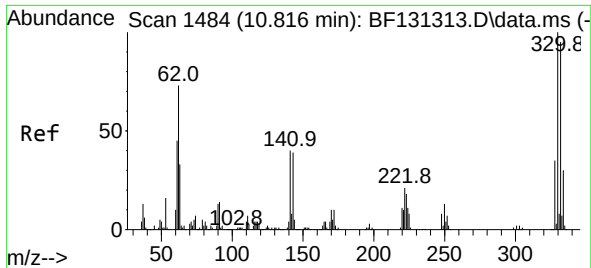
Tgt Ion: 82 Resp: 503346
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.4 47.0
 54 60.5 49.8 74.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.016 min Scan# 1348
 Delta R.T. -0.012 min
 Lab File: BF131337.D
 Acq: 22 Nov 2022 19:01

Tgt Ion: 164 Resp: 209844
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.6 120.8
 160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 91.183 ng

RT: 10.810 min Scan# 1483

Delta R.T. -0.006 min

Lab File: BF131337.D

Acq: 22 Nov 2022 19:01

Instrument :

BNA_F

ClientSampleId :

VNJ-223

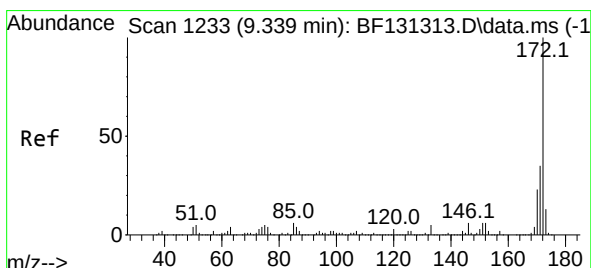
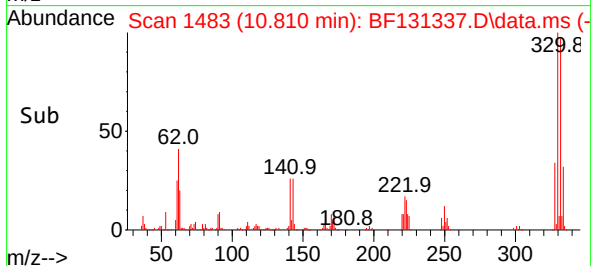
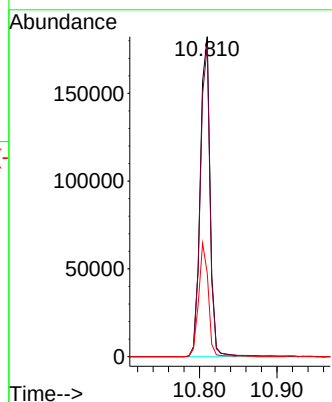
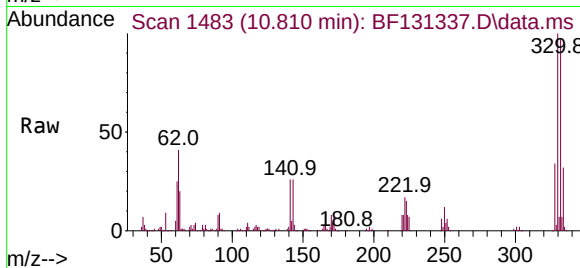
Tgt Ion:330 Resp: 160977

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 34.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 67.821 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131337.D

Acq: 22 Nov 2022 19:01

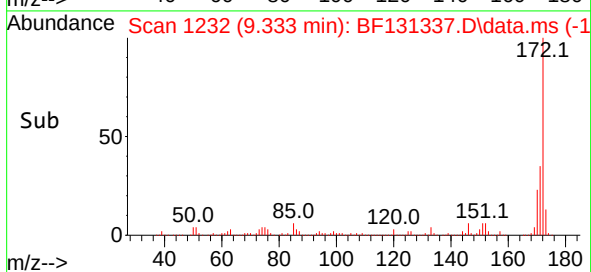
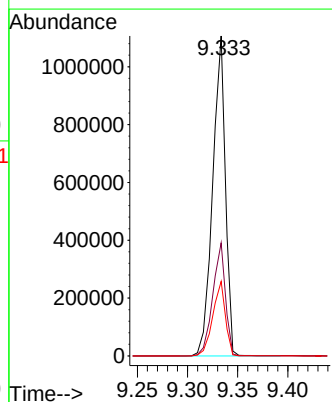
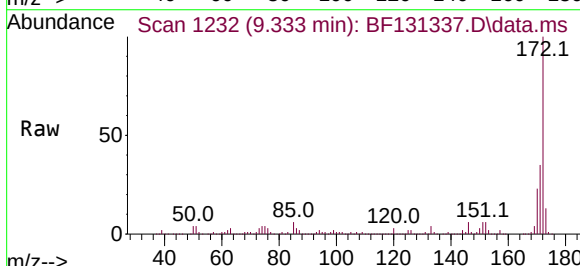
Tgt Ion:172 Resp: 978254

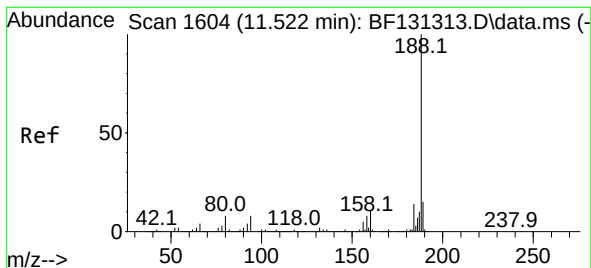
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF131337.D

Acq: 22 Nov 2022 19:01

Instrument :

BNA_F

ClientSampleId :

VNJ-223

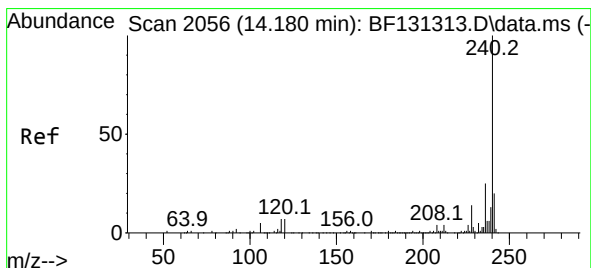
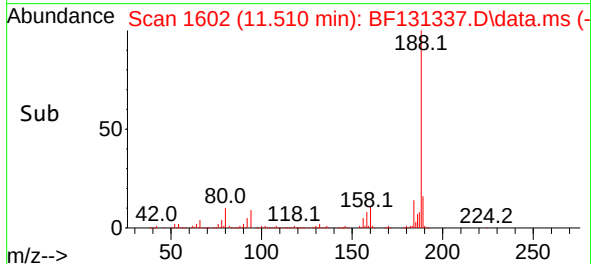
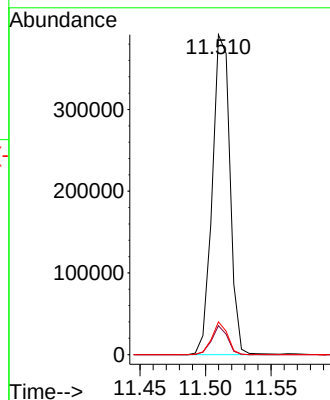
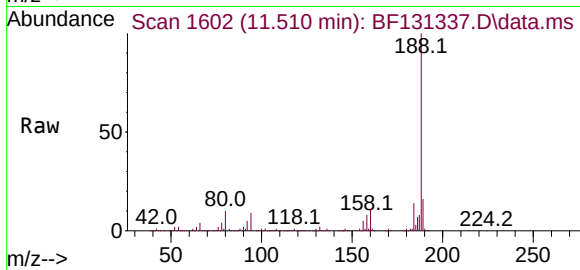
Tgt Ion:188 Resp: 367661

Ion Ratio Lower Upper

188 100

94 9.0 6.3 9.5

80 10.2 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.168 min Scan# 2054

Delta R.T. -0.012 min

Lab File: BF131337.D

Acq: 22 Nov 2022 19:01

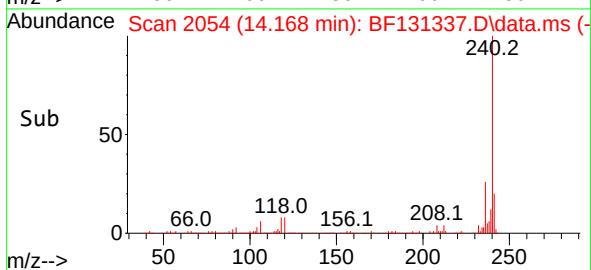
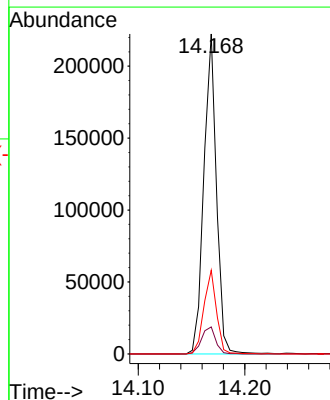
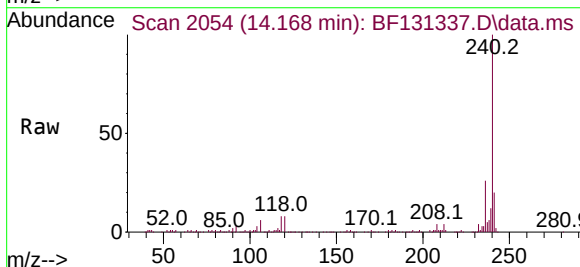
Tgt Ion:240 Resp: 182162

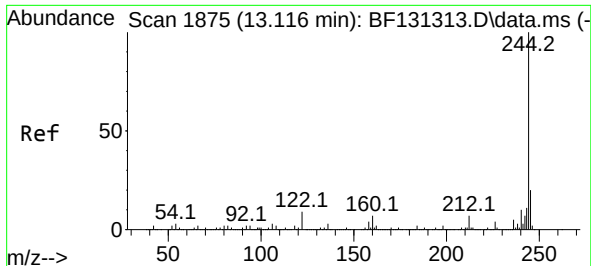
Ion Ratio Lower Upper

240 100

120 8.4 5.8 8.8

236 26.1 20.3 30.5

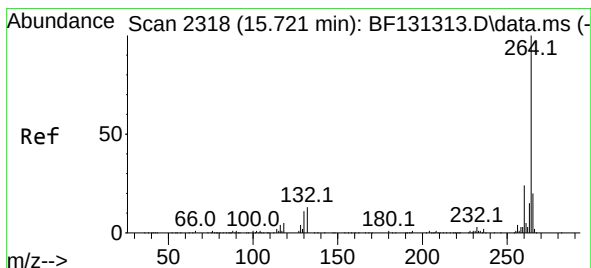
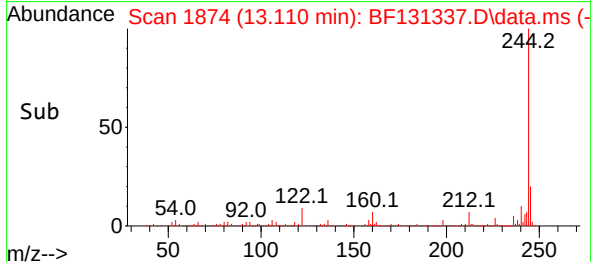
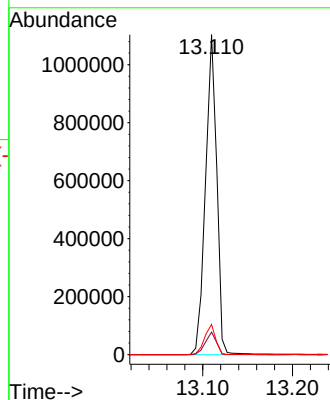
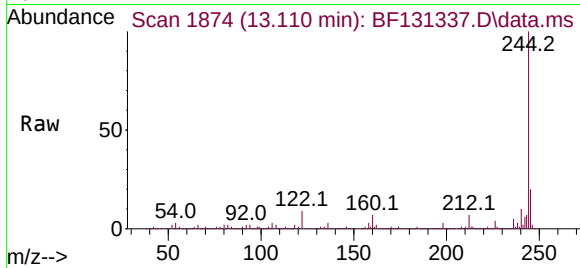




#79
 Terphenyl-d14
 Concen: 86.204 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131337.D
 Acq: 22 Nov 2022 19:01

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tgt Ion:244 Resp: 960274
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.710 min Scan# 2316
 Delta R.T. -0.012 min
 Lab File: BF131337.D
 Acq: 22 Nov 2022 19:01

Tgt Ion:264 Resp: 198800
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 20.6 16.4 24.6

