

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132004.D
 Acq On : 10 Jan 2023 19:25
 Operator : CG\JU
 Sample : 01065-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210

Quant Time: Jan 11 00:38:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

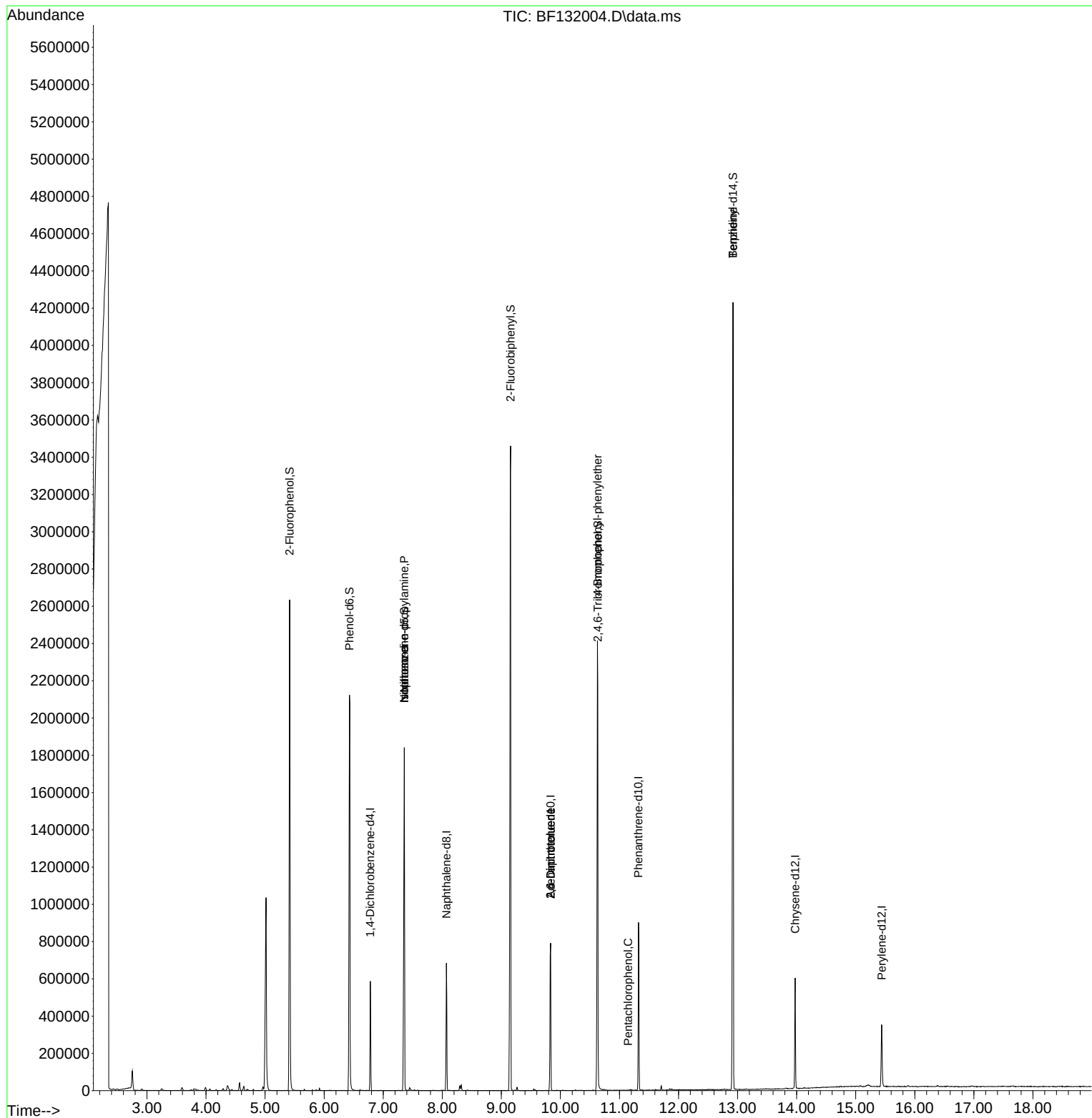
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74801	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	280255	20.000	ng	-0.01
39) Acenaphthene-d10	9.834	164	164005	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	320503	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	182775	20.000	ng	-0.01
86) Perylene-d12	15.439	264	146488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	681069	150.032	ng	0.02
7) Phenol-d6	6.428	99	823400	136.804	ng	0.00
23) Nitrobenzene-d5	7.357	82	668053	98.933	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	298059	158.063	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1187309	97.730	ng	0.00
79) Terphenyl-d14	12.922	244	1445693	113.367	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.357	70	94637	21.736	ng	# 77
25) Isophorone	7.357	82	665706	52.772	ng	# 69
51) 2,6-Dinitrotoluene	9.834	165	21553	8.016	ng	# 22
57) 2,4-Dinitrotoluene	9.834	165	21553	5.996	ng	# 13
67) 4-Bromophenyl-phenylether	10.628	248	20972	5.231	ng	# 1
70) Pentachlorophenol	11.145	266	62	4.385	ng	# 17
77) Benzidine	12.922	184	22803	3.755	ng	# 94

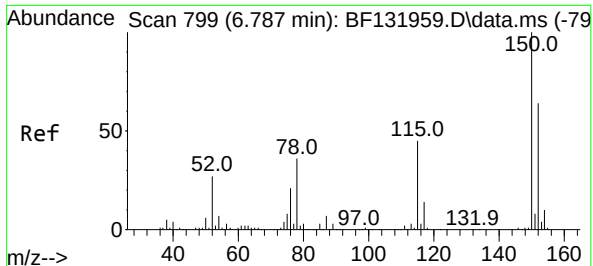
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132004.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Jan 11 00:38:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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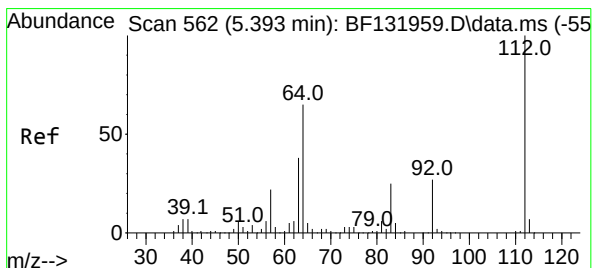
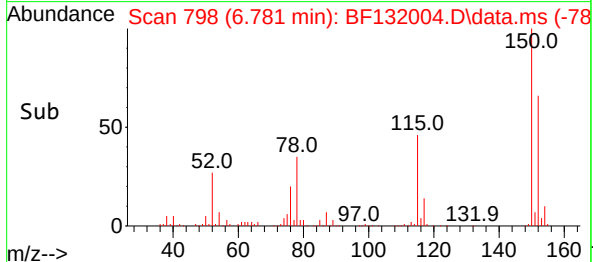
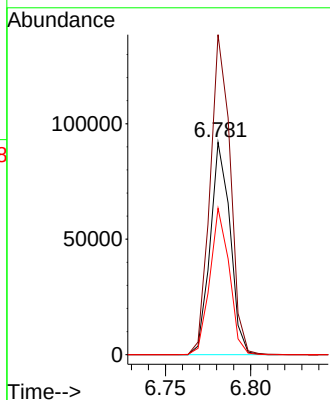
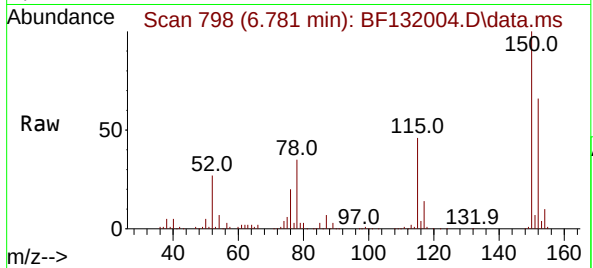




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132004.D
 Acq: 10 Jan 2023 19:25

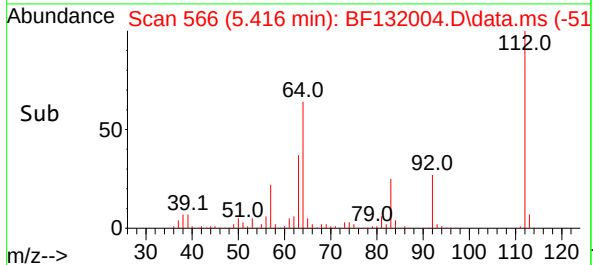
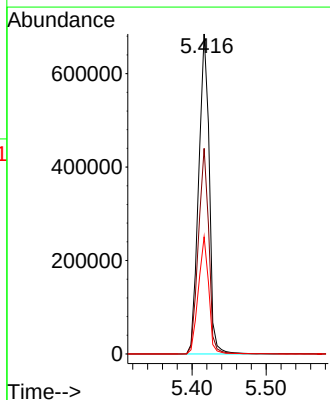
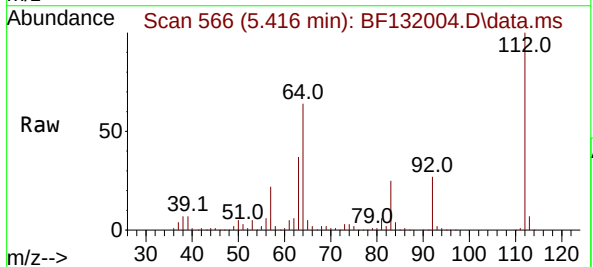
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210

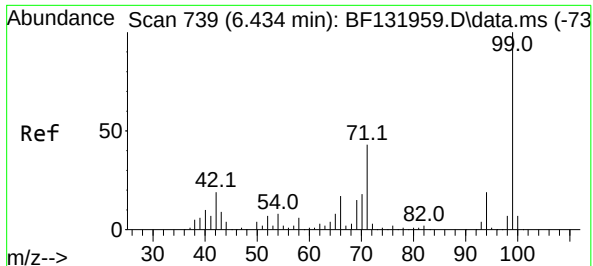
Tgt Ion:152 Resp: 74801
 Ion Ratio Lower Upper
 152 100
 150 150.7 124.6 186.8
 115 69.0 55.6 83.4



#5
 2-Fluorophenol
 Concen: 150.032 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.024 min
 Lab File: BF132004.D
 Acq: 10 Jan 2023 19:25

Tgt Ion:112 Resp: 681069
 Ion Ratio Lower Upper
 112 100
 64 64.3 51.9 77.9
 63 36.6 30.2 45.2

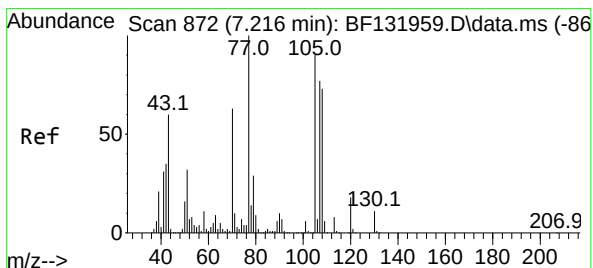
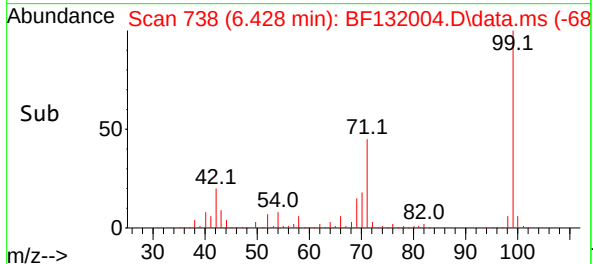
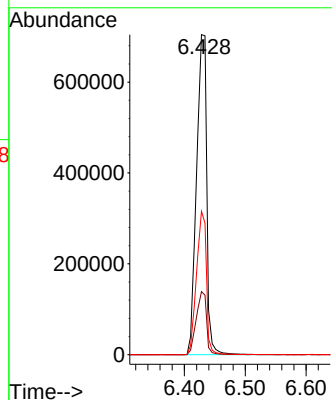
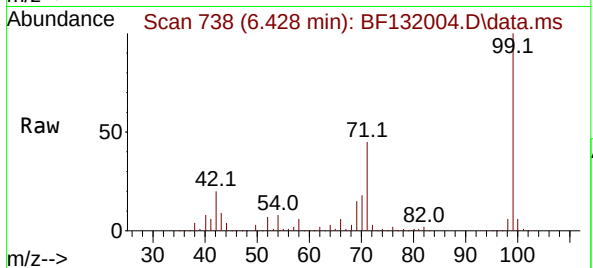




#7
Phenol-d6
Concen: 136.804 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

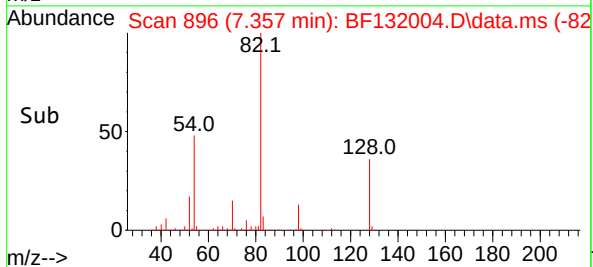
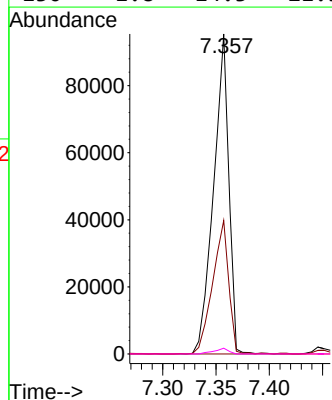
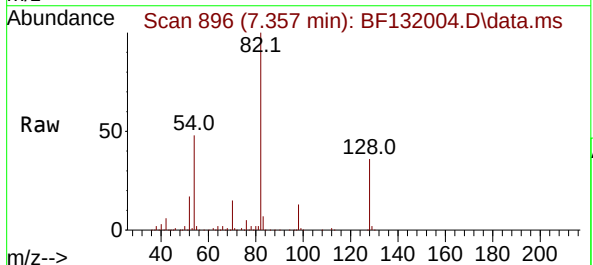
Instrument :
BNA_F
ClientSampleId :
VNJ-210

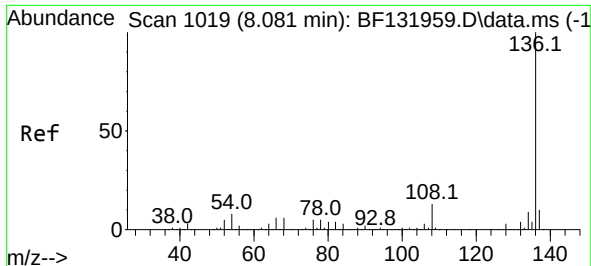
Tgt Ion: 99 Resp: 823400
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.2
71 44.8 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.736 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

Tgt Ion: 70 Resp: 94637
Ion Ratio Lower Upper
70 100
42 41.7 44.3 66.5#
101 0.0 7.5 11.3#
130 1.8 14.3 21.5#

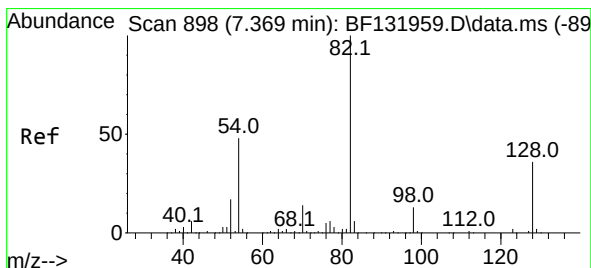
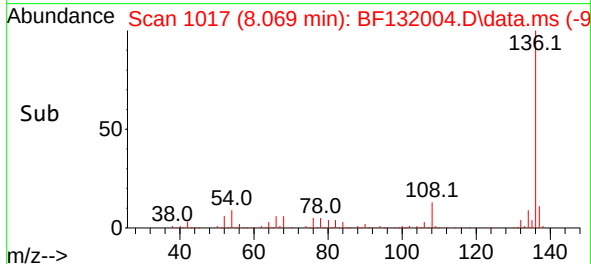
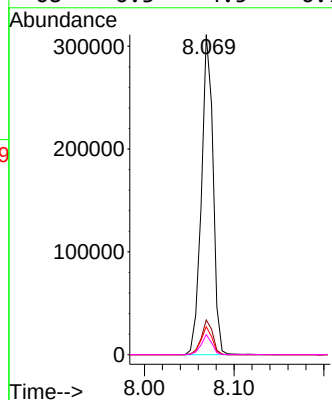
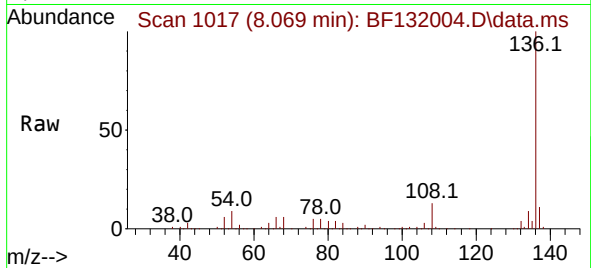




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

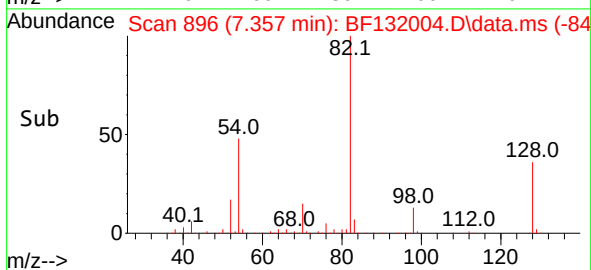
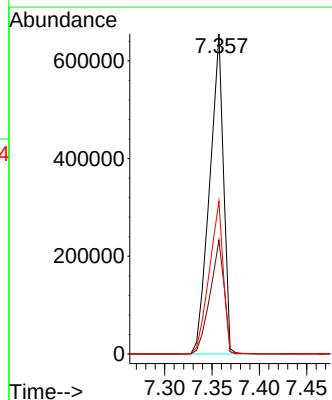
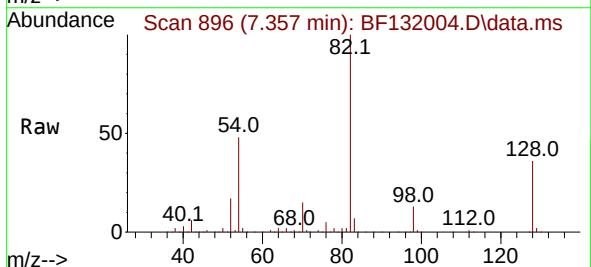
Instrument :
BNA_F
ClientSampleId :
VNJ-210

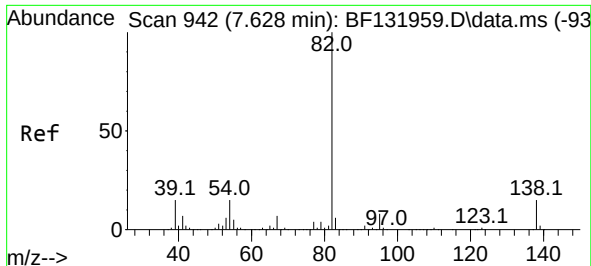
Tgt Ion:136	Resp: 280255
Ion Ratio	Lower Upper
136	100
137	10.8 8.2 12.2
54	8.8 6.6 9.8
68	6.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 98.933 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

Tgt Ion: 82	Resp: 668053
Ion Ratio	Lower Upper
82	100
128	35.5 28.7 43.1
54	47.8 38.1 57.1

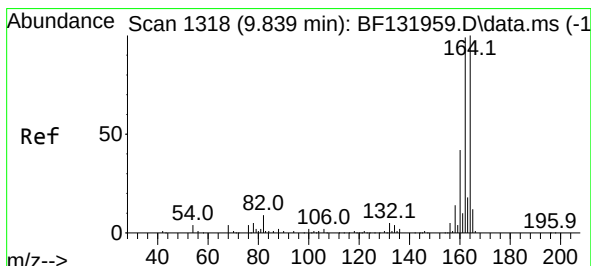
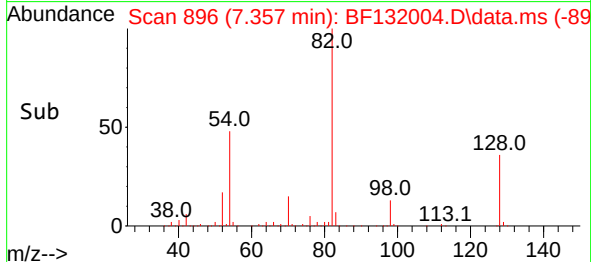
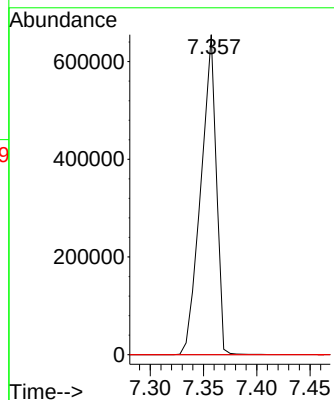
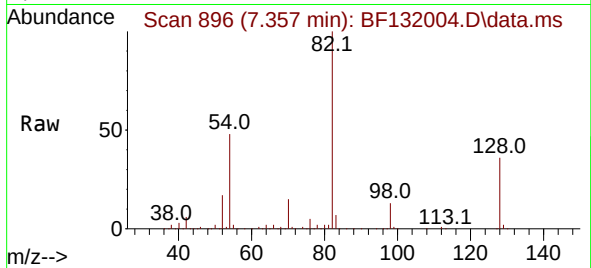




#25
Isophorone
Concen: 52.772 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

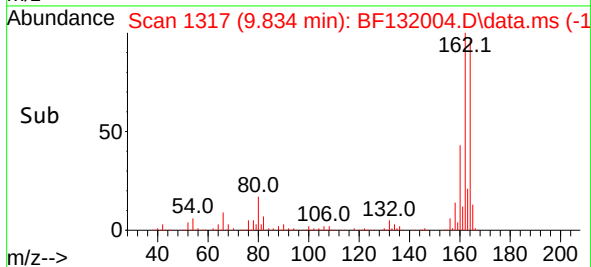
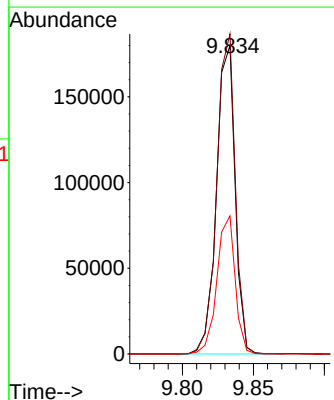
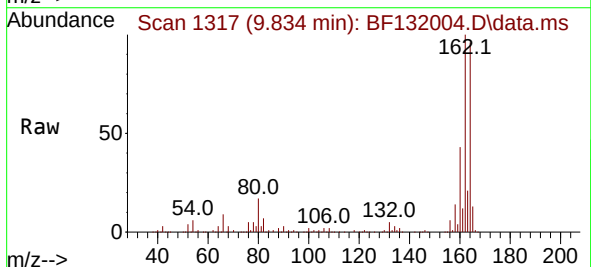
Instrument :
BNA_F
ClientSampleId :
VNJ-210

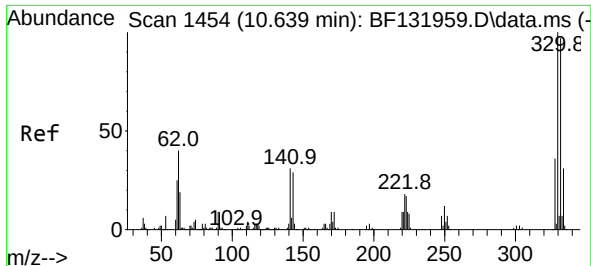
Tgt Ion: 82 Resp: 665706
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

Tgt Ion:164 Resp: 164005
Ion Ratio Lower Upper
164 100
162 103.7 79.4 119.0
160 44.8 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 158.063 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

Instrument :

BNA_F

ClientSampleId :

VNJ-210

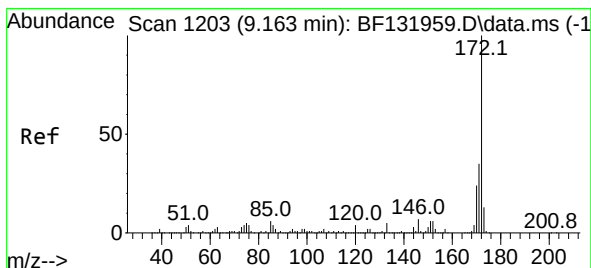
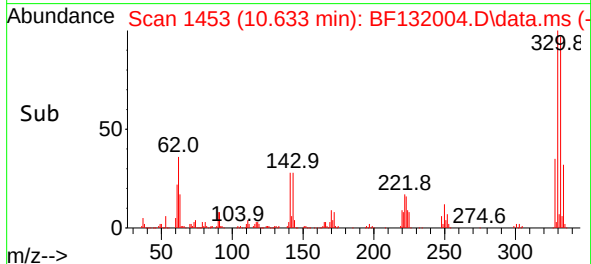
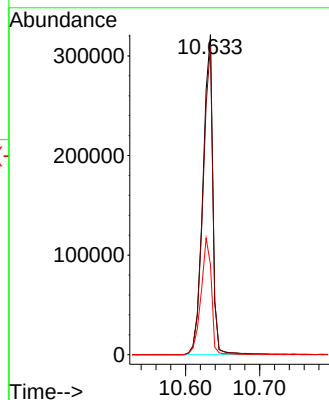
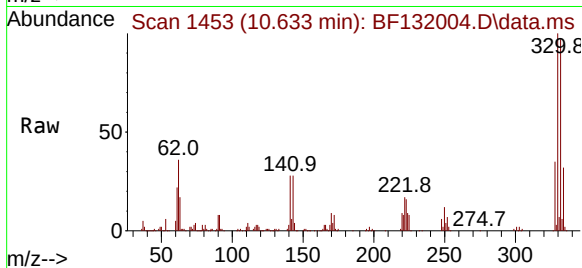
Tgt Ion:330 Resp: 298059

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 38.2 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 97.730 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

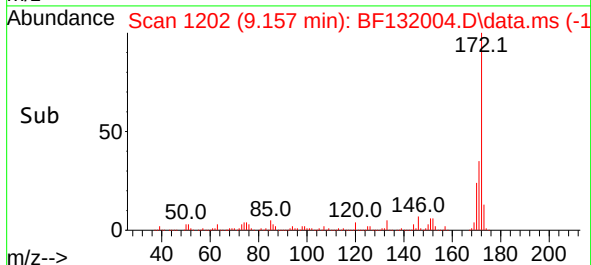
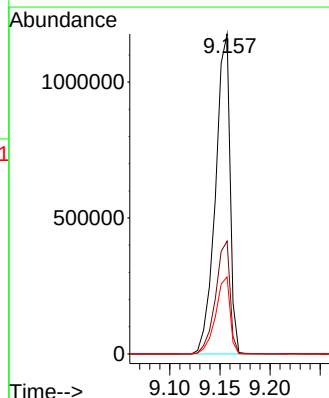
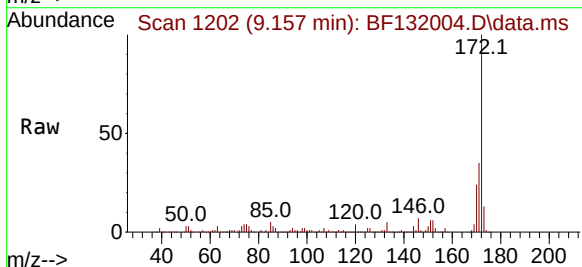
Tgt Ion:172 Resp: 1187309

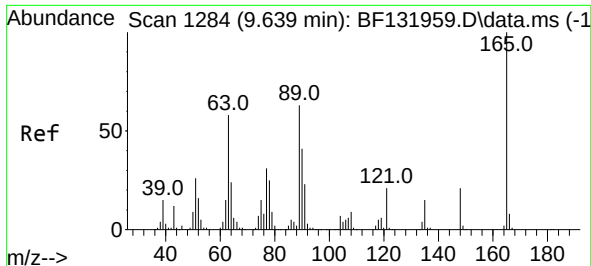
Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 24.1 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.016 ng

RT: 9.834 min Scan# 11

Delta R.T. 0.195 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

Instrument :

BNA_F

ClientSampleId :

VNJ-210

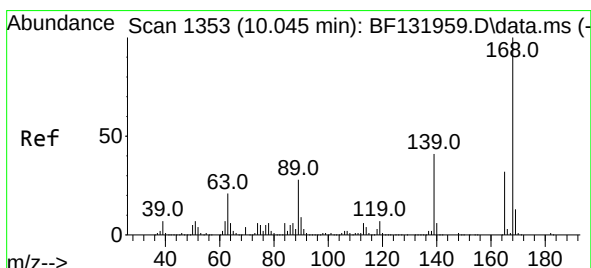
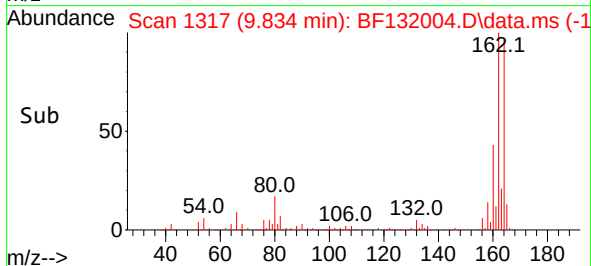
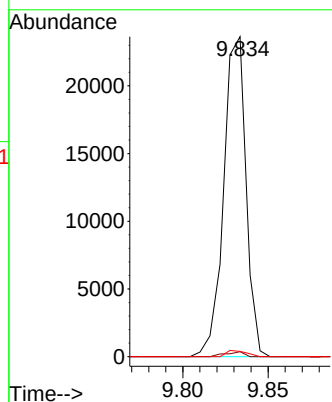
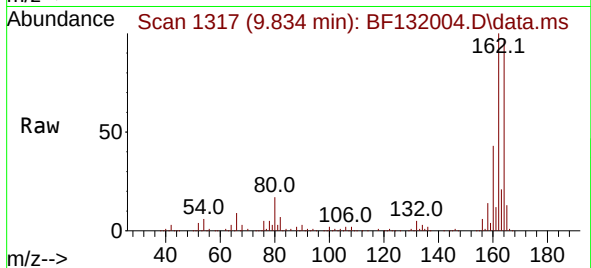
Tgt Ion:165 Resp: 21553

Ion Ratio Lower Upper

165 100

63 1.5 47.4 71.0#

89 1.7 50.2 75.2#



#57

2,4-Dinitrotoluene

Concen: 5.996 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.212 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

Tgt Ion:165 Resp: 21553

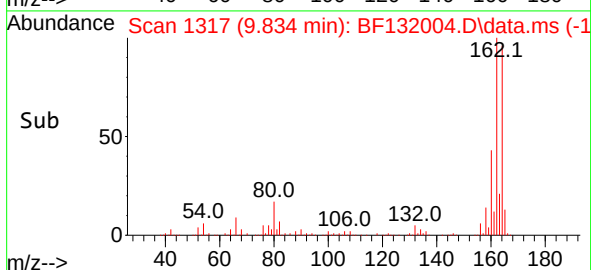
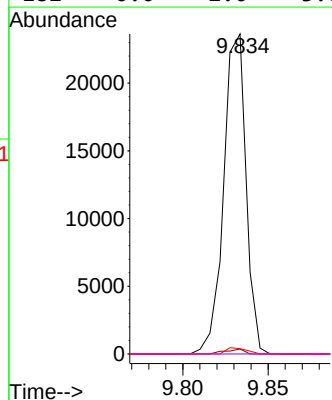
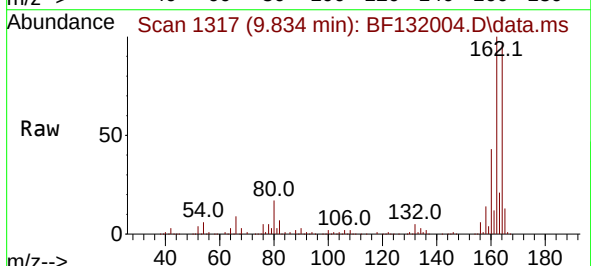
Ion Ratio Lower Upper

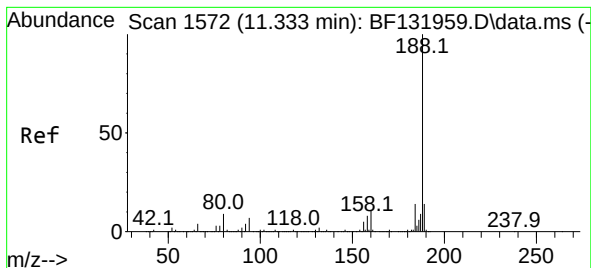
165 100

63 1.5 53.2 79.8#

89 1.7 71.2 106.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

Instrument :

BNA_F

ClientSampleId :

VNJ-210

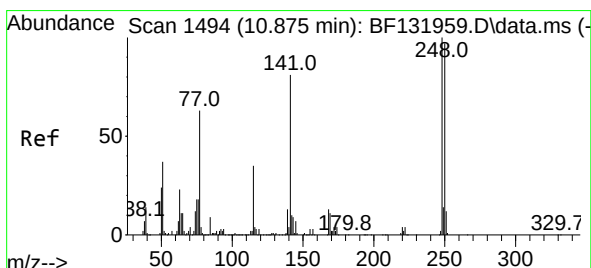
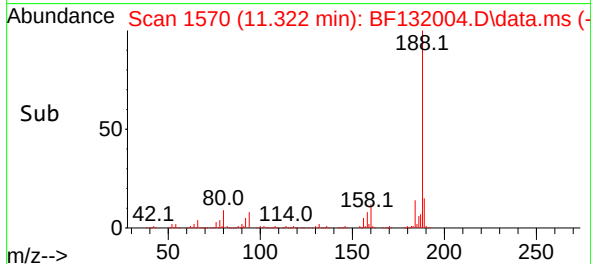
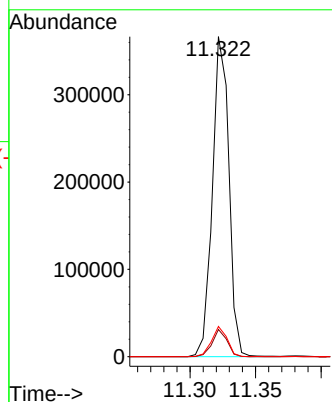
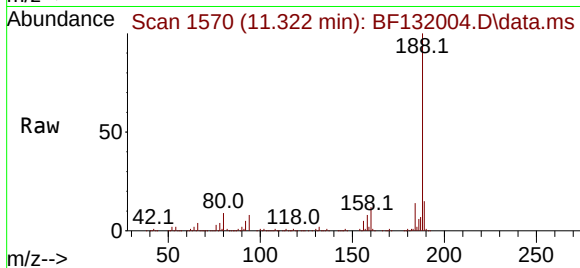
Tgt Ion:188 Resp: 320503

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.6

80 9.5 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 5.231 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.247 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

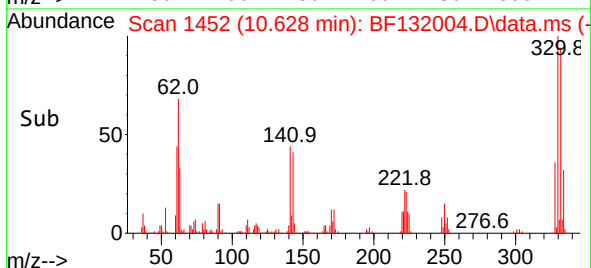
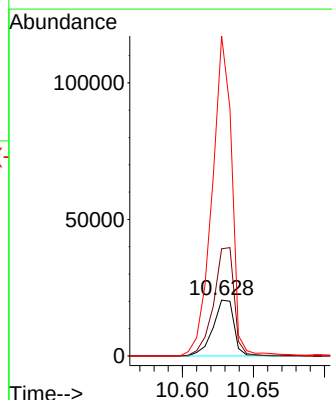
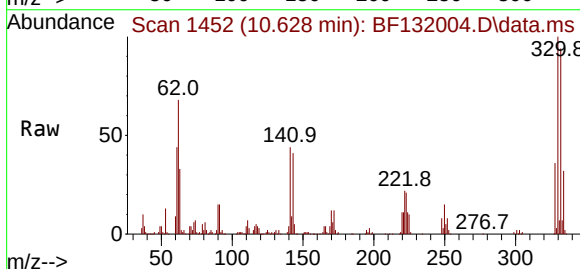
Tgt Ion:248 Resp: 20972

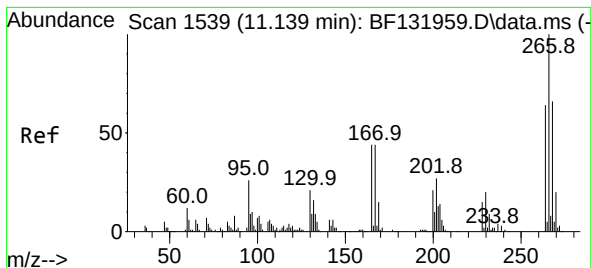
Ion Ratio Lower Upper

248 100

250 191.6 77.4 116.2#

141 572.2 65.0 97.6#





#70

Pentachlorophenol

Concen: 4.385 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

Instrument :

BNA_F

ClientSampleId :

VNJ-210

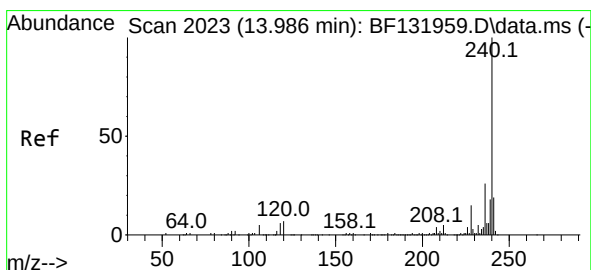
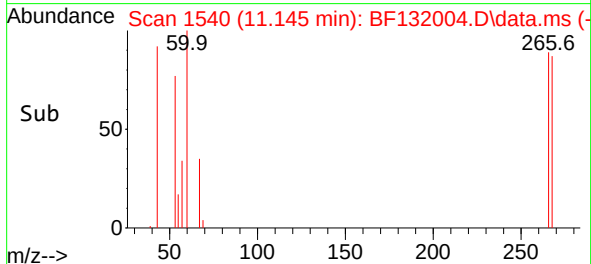
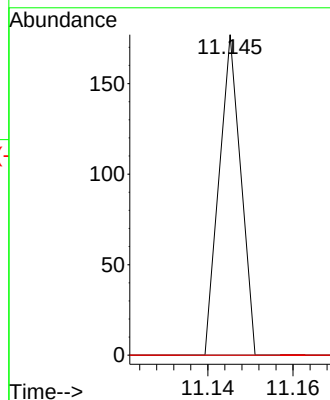
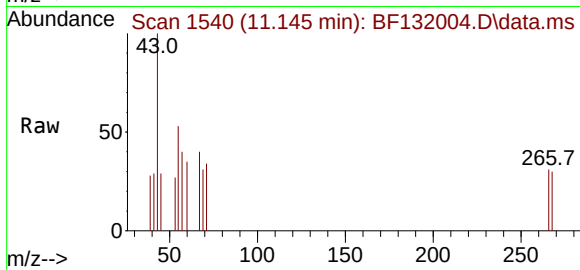
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

268 0.0 52.7 79.1#

264 0.0 51.6 77.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

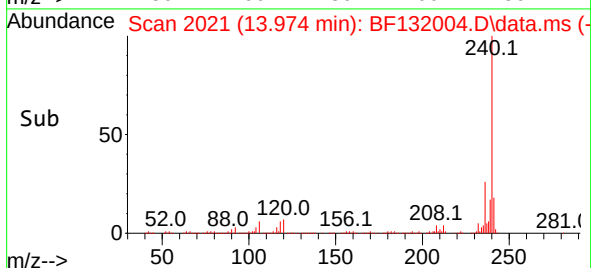
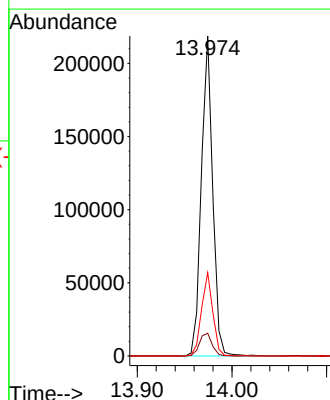
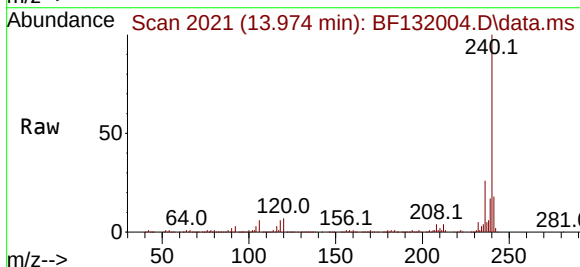
Tgt Ion:240 Resp: 182775

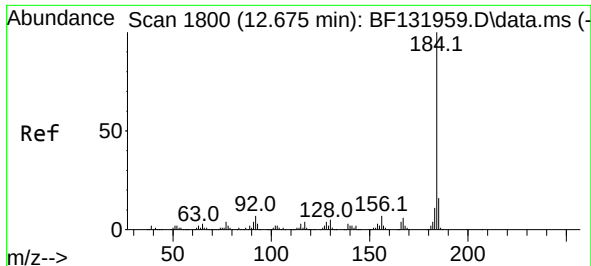
Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.0

236 26.1 21.1 31.7

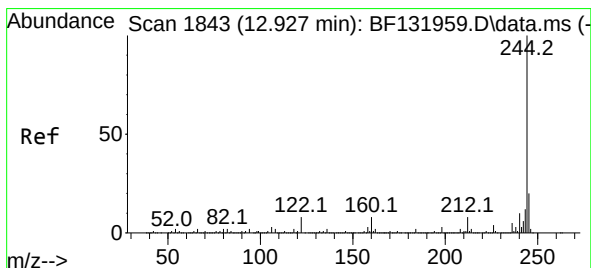
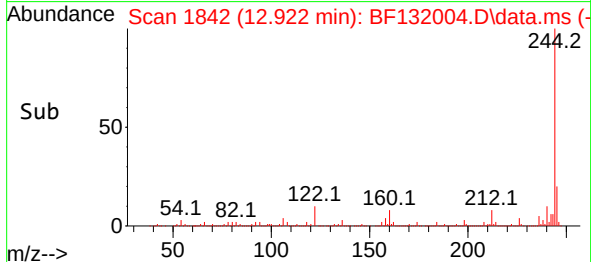
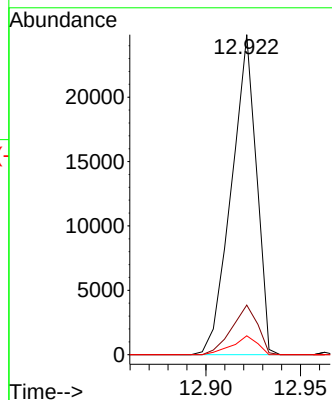
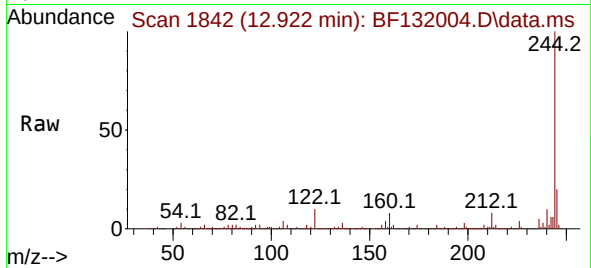




#77
Benzidine
Concen: 3.755 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

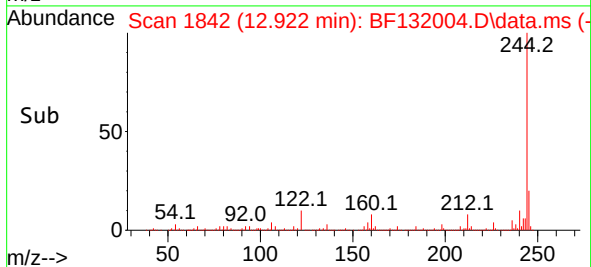
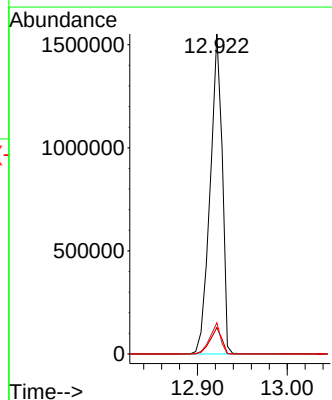
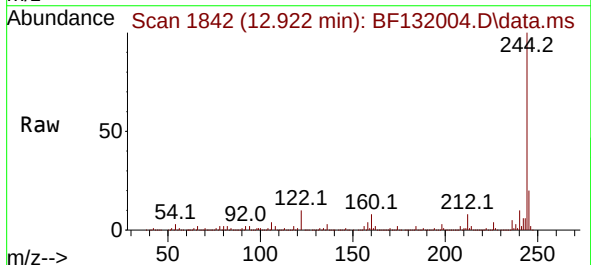
Instrument :
BNA_F
ClientSampleId :
VNJ-210

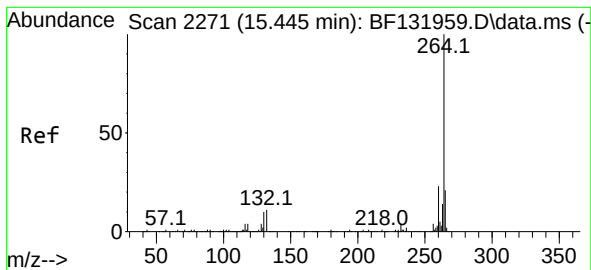
Tgt Ion:184 Resp: 22803
Ion Ratio Lower Upper
184 100
185 15.5 12.8 19.2
183 5.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 113.367 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

Tgt Ion:244 Resp: 1445693
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 9.7 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

Instrument :

BNA_F

ClientSampleId :

VNJ-210

Tgt Ion:264 Resp: 146488

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 20.7 16.9 25.3

