

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133248.D
 Acq On : 05 May 2023 00:12
 Operator : CG\JU
 Sample : 02598-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Quant Time: May 05 05:34:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

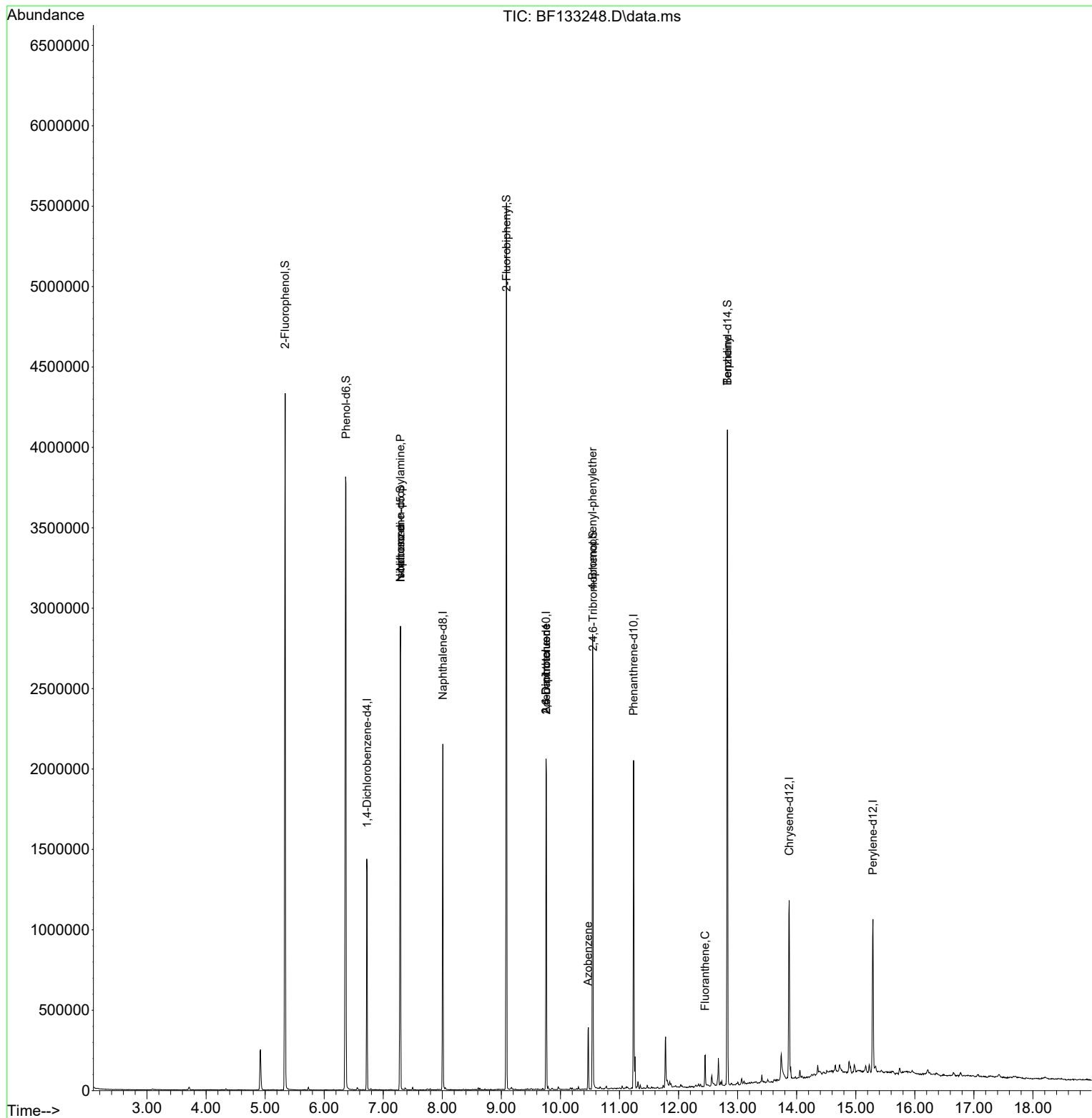
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	208471	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	829460	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	417887	20.000	ng	-0.01
64) Phenanthrene-d10	11.239	188	683340	20.000	ng	0.00
76) Chrysene-d12	13.874	240	366418	20.000	ng	-0.01
86) Perylene-d12	15.292	264	401410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1242315	90.020	ng	0.00
7) Phenol-d6	6.369	99	1559857	91.064	ng	0.00
23) Nitrobenzene-d5	7.292	82	929897	60.513	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	345726	82.264	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1585215	63.464	ng	0.00
79) Terphenyl-d14	12.827	244	1345162	63.314	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	244	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.292	70	124273	11.654	ng	# 77
25) Isophorone	7.292	82	926924	31.769	ng	# 63
51) 2,6-Dinitrotoluene	9.757	165	53634	8.178	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	53634	6.413	ng	# 23
63) Azobenzene	10.469	77	65873	2.259	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	21809	2.943	ng	# 1
75) Fluoranthene	12.451	202	77716	2.108	ng	96
77) Benzidine	12.827	184	16348	2.638	ng	# 88

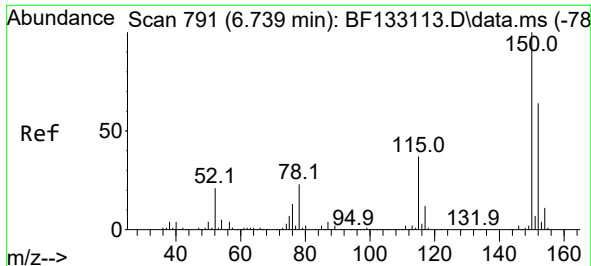
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
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Quant Time: May 05 05:34:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 04 12:22:53 2023
Response via : Initial Calibration

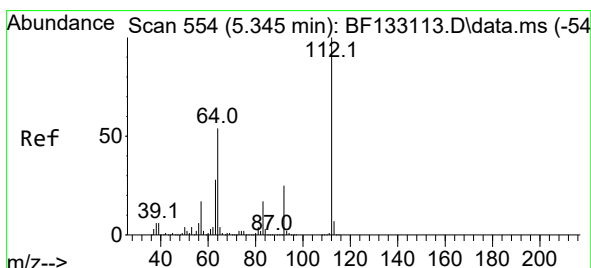
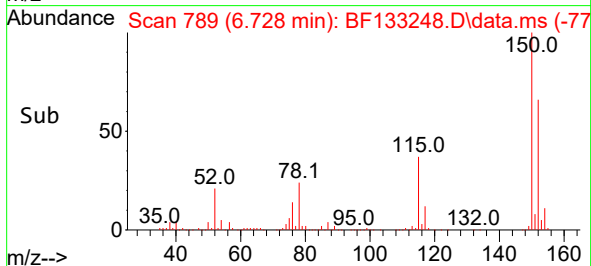
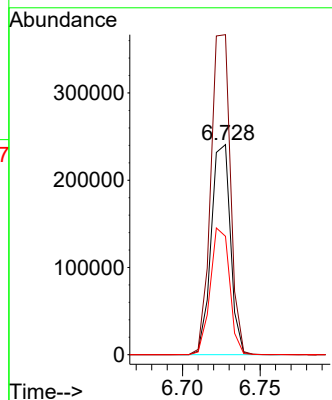
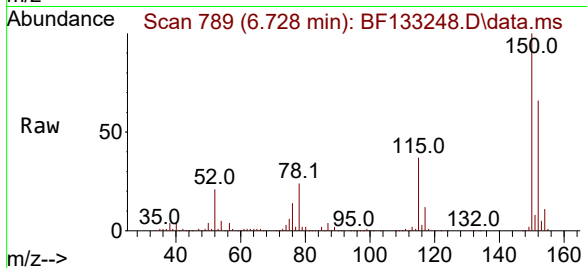




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133248.D
 Acq: 05 May 2023 00:12

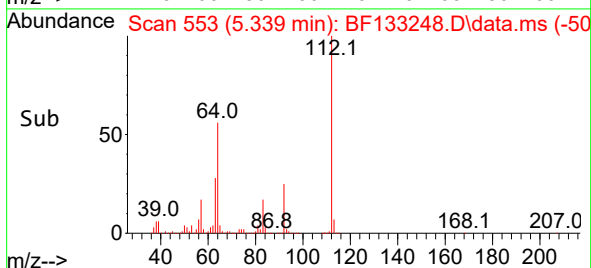
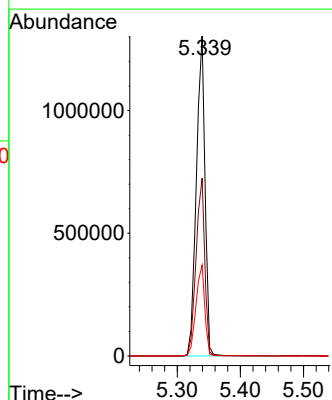
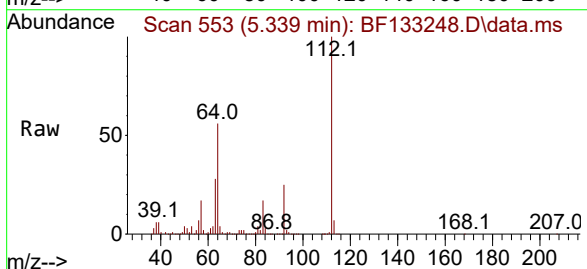
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

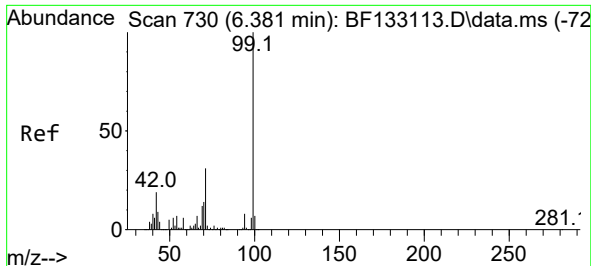
Tgt Ion:152 Resp: 208471
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.8 187.2
 115 56.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 90.020 ng
 RT: 5.339 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133248.D
 Acq: 05 May 2023 00:12

Tgt Ion:112 Resp: 1242315
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.8 70.2
 63 28.4 23.8 35.8

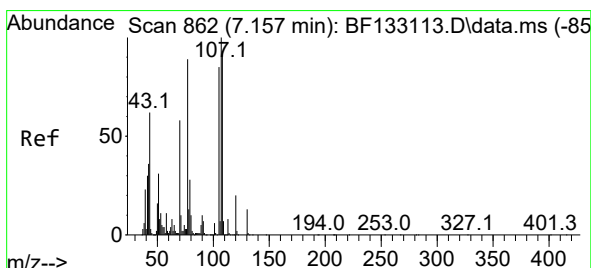
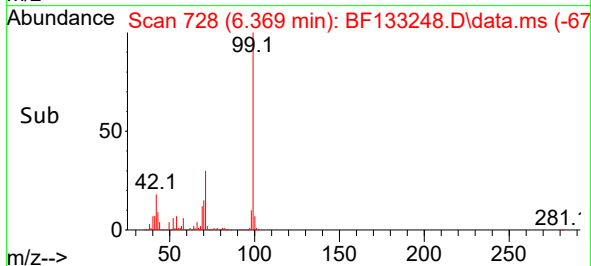
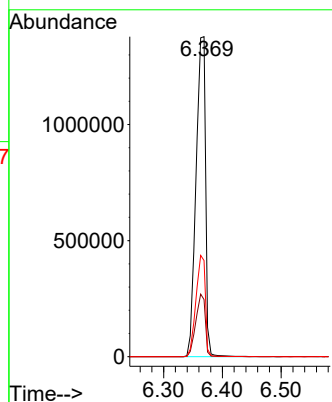
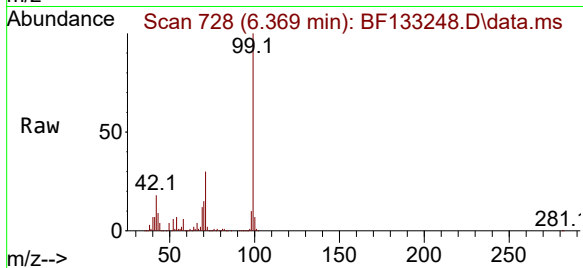




#7
Phenol-d6
Concen: 91.064 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

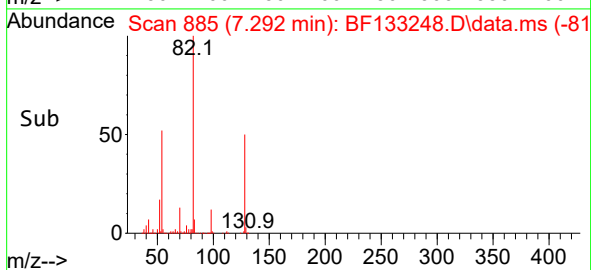
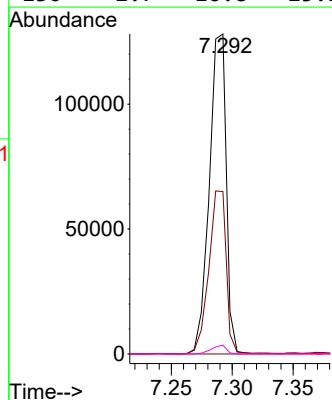
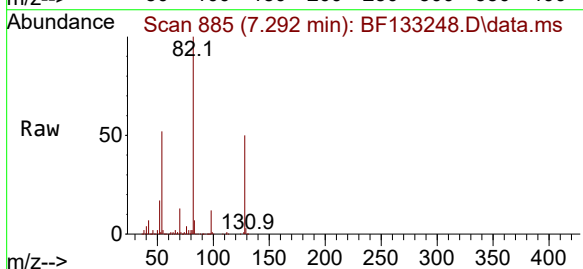
Instrument :
BNA_F
ClientSampleId :
VNJ-241

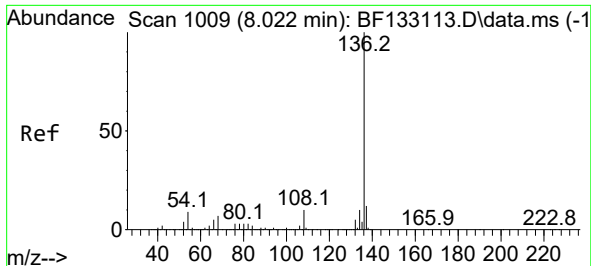
Tgt Ion: 99 Resp: 1559857
Ion Ratio Lower Upper
99 100
42 17.9 16.3 24.5
71 30.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.654 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

Tgt Ion: 70 Resp: 124273
Ion Ratio Lower Upper
70 100
42 50.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.7 16.8 25.2#

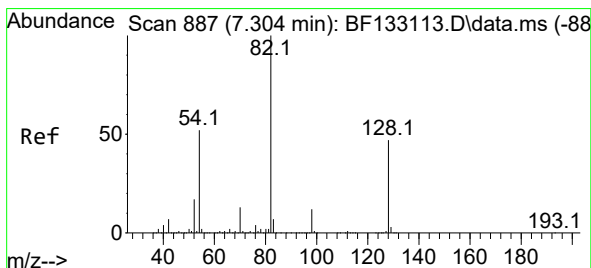
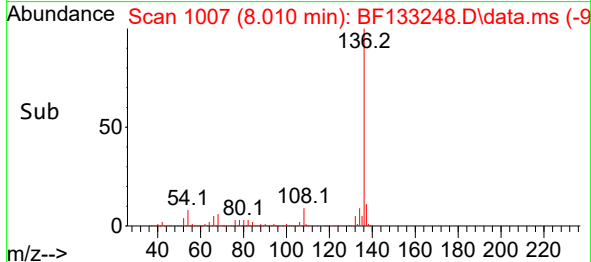
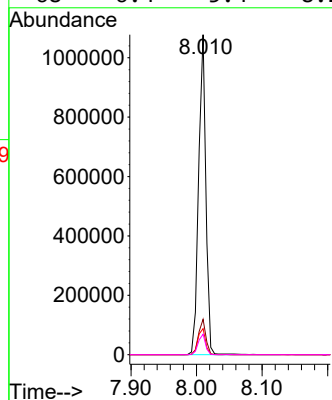
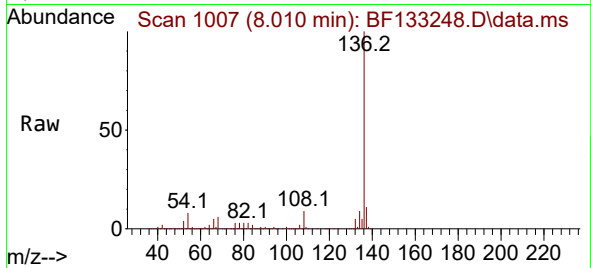




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

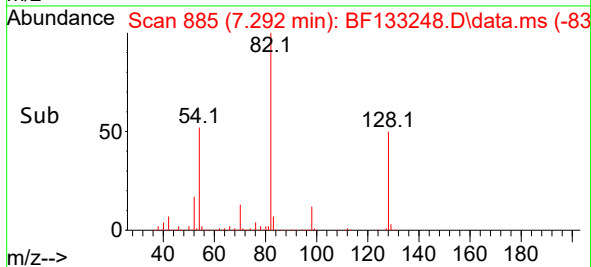
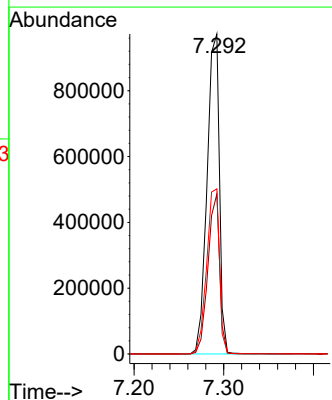
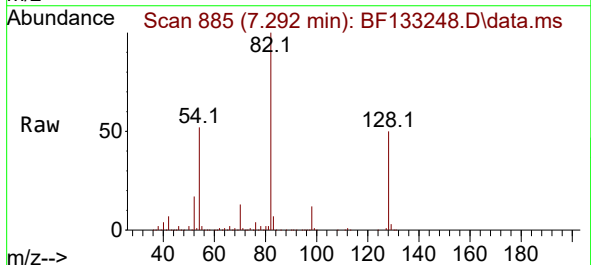
Instrument :
BNA_F
ClientSampleId :
VNJ-241

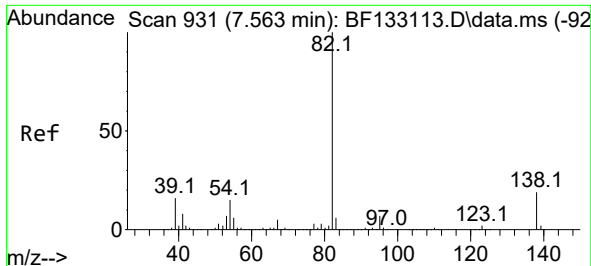
Tgt Ion:	136	Resp:	829460
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.1	7.0	10.4
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 60.513 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

Tgt Ion:	82	Resp:	929897
Ion	Ratio	Lower	Upper
82	100		
128	50.0	37.7	56.5
54	51.6	43.0	64.4

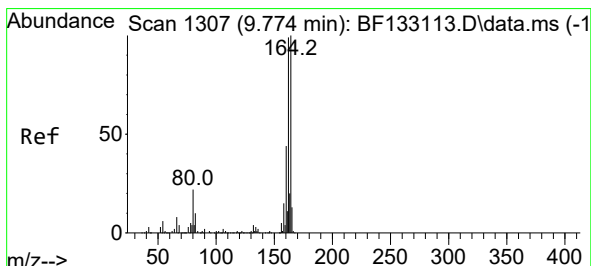
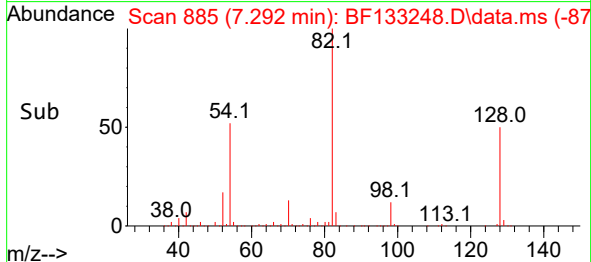
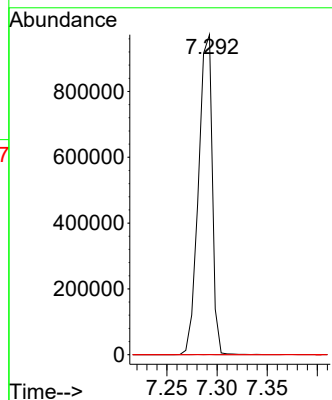
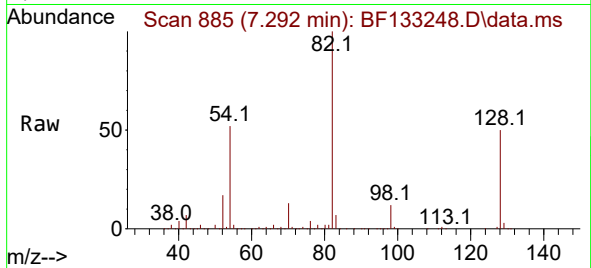




#25
Isophorone
Concen: 31.769 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

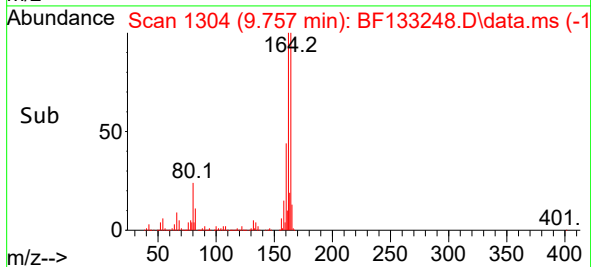
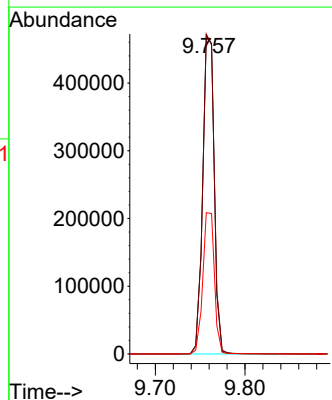
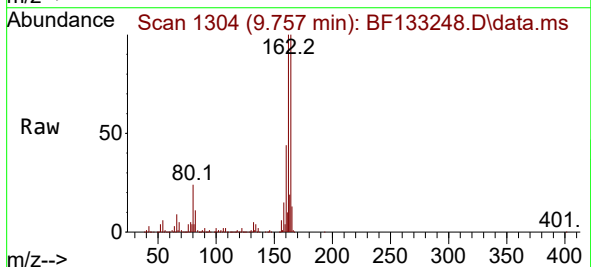
Instrument :
BNA_F
ClientSampleId :
VNJ-241

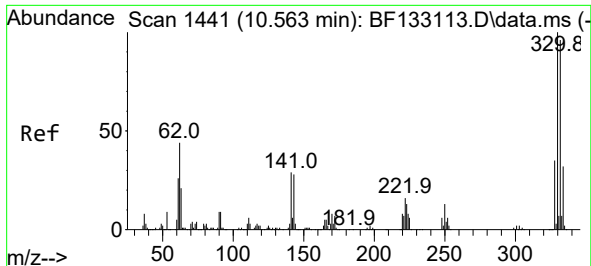
Tgt Ion: 82 Resp: 926924
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

Tgt Ion:164 Resp: 417887
Ion Ratio Lower Upper
164 100
162 100.5 78.7 118.1
160 44.4 35.8 53.6

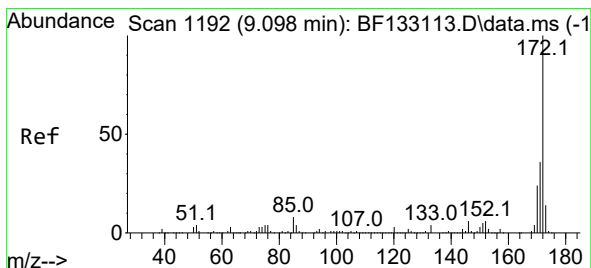
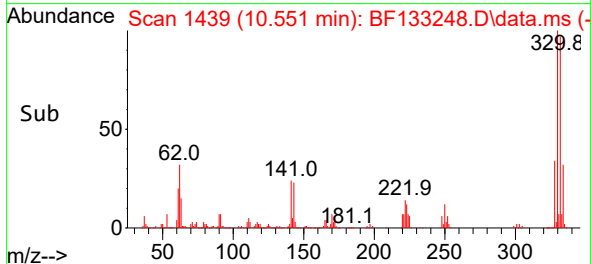
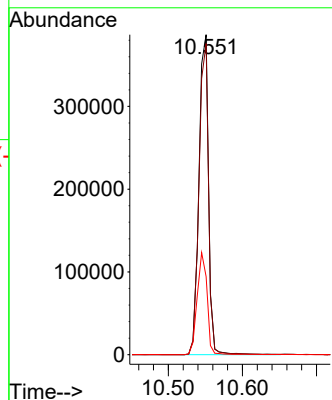
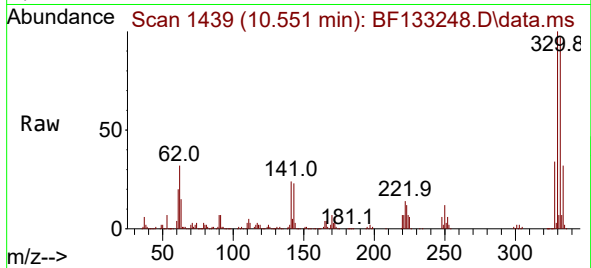




#42
2,4,6-Tribromophenol
Concen: 82.264 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

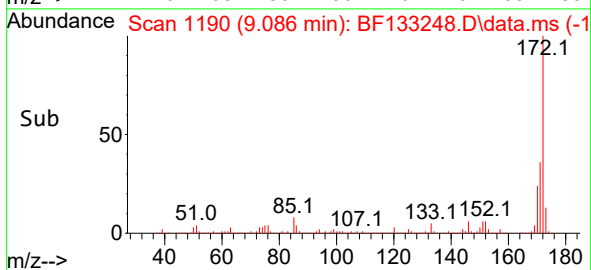
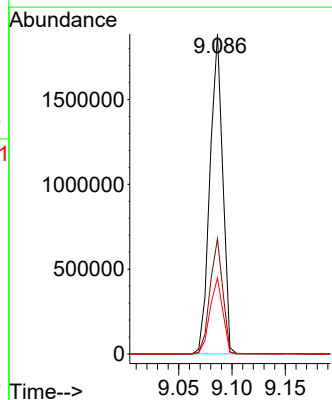
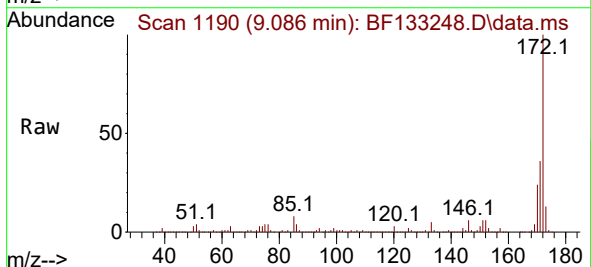
Instrument :
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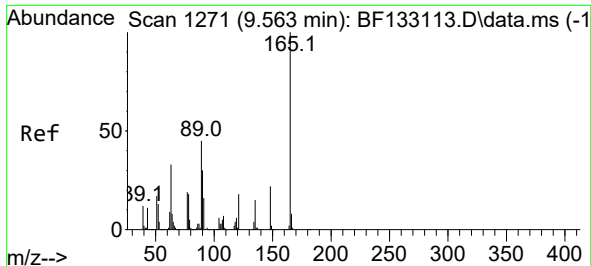
Tgt Ion:330 Resp: 345726
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 32.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 63.464 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

Tgt Ion:172 Resp: 1585215
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 19.4 29.2

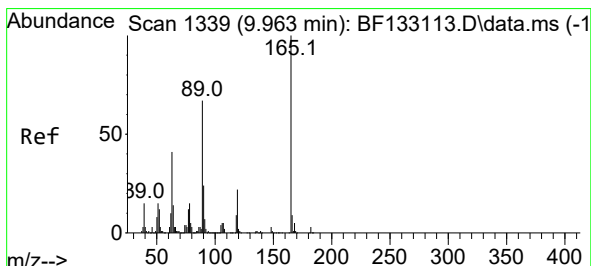
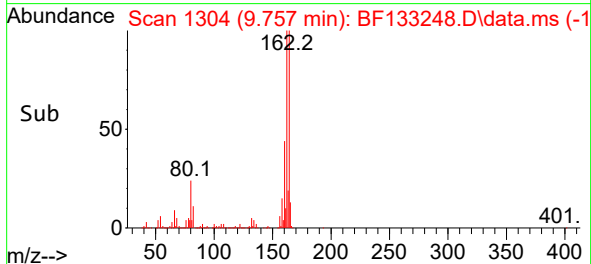
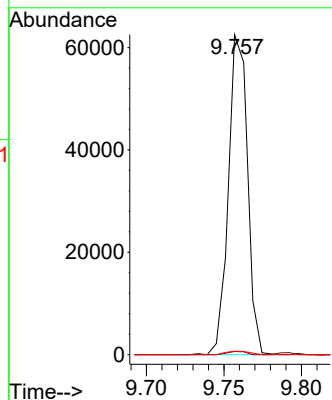
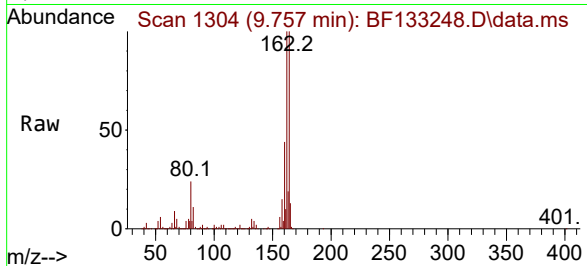




#51
2,6-Dinitrotoluene
Concen: 8.178 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.200 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

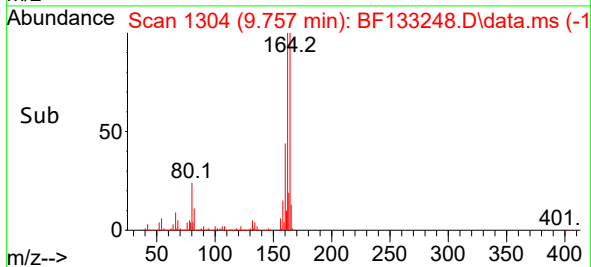
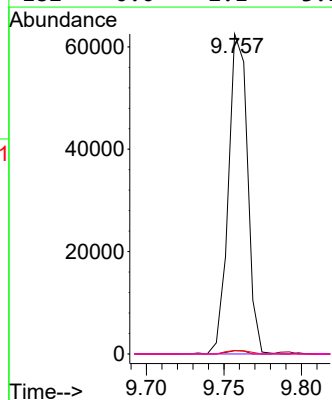
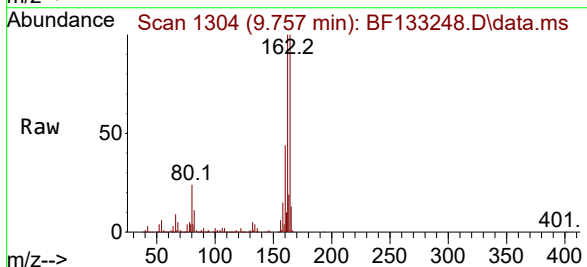
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ClientSampleId :
VNJ-241

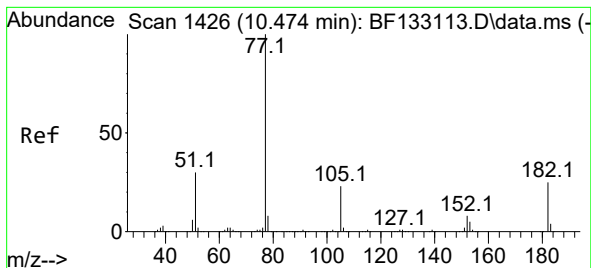
Tgt Ion:165 Resp: 53634
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.1 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.413 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

Tgt Ion:165 Resp: 53634
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.259 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.000 min

Lab File: BF133248.D

Acq: 05 May 2023 00:12

Instrument :

BNA_F

ClientSampleId :

VNJ-241

Tgt Ion: 77 Resp: 65873

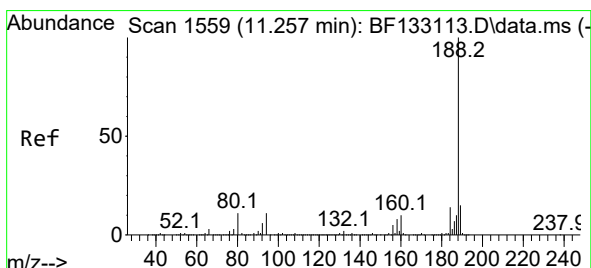
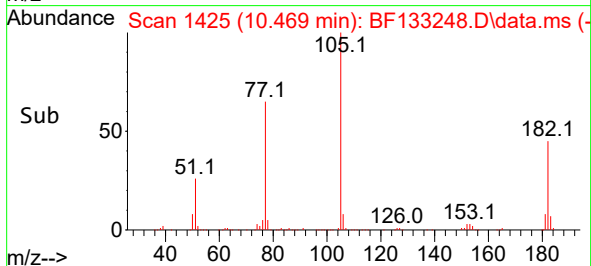
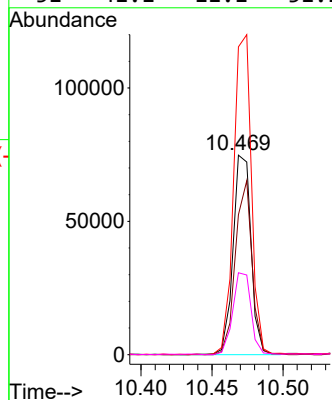
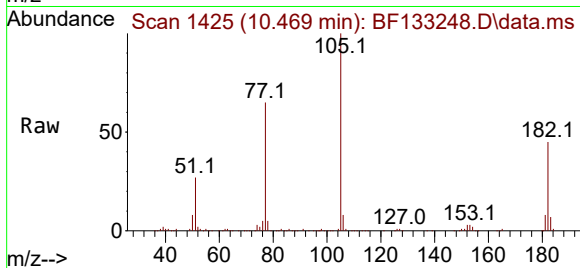
Ion Ratio Lower Upper

77 100

182 70.2 5.9 45.9#

105 154.4 2.3 42.3#

51 41.1 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133248.D

Acq: 05 May 2023 00:12

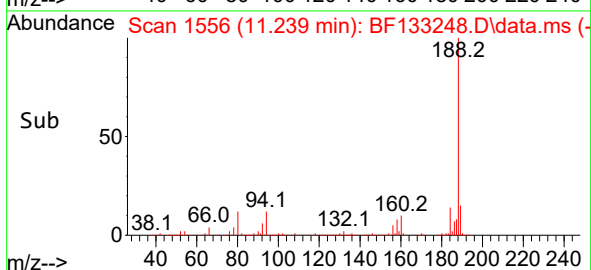
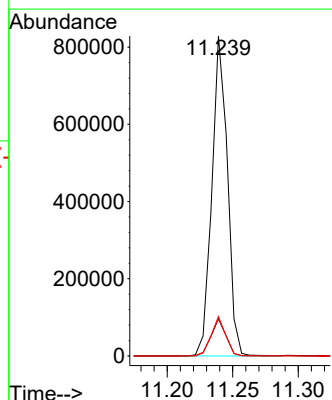
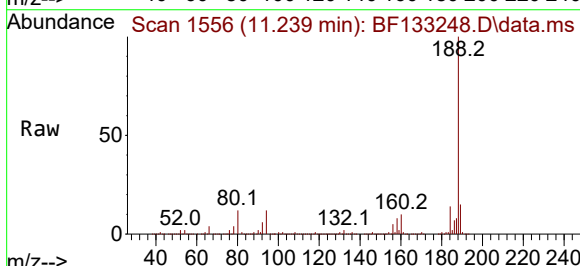
Tgt Ion:188 Resp: 683340

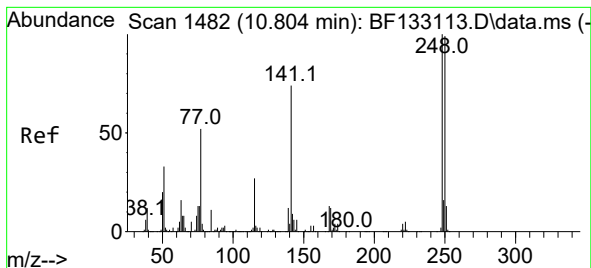
Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 12.4 10.4 15.6

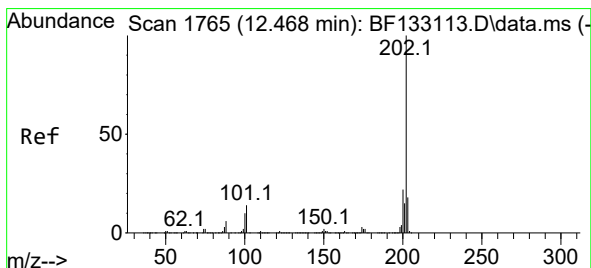
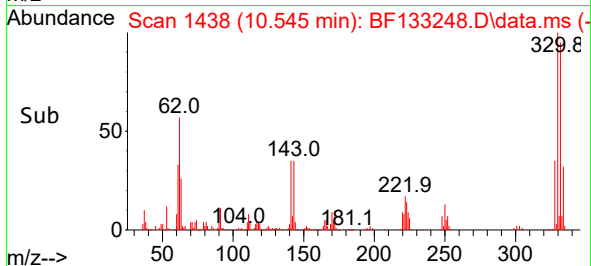
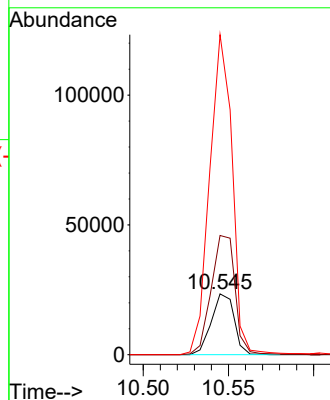
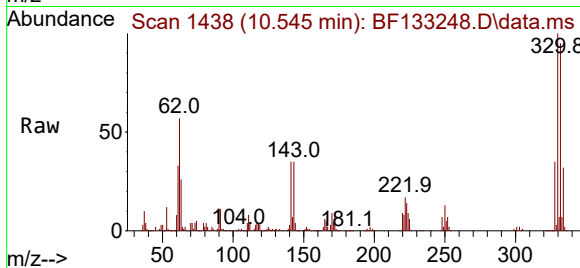




#67
4-Bromophenyl-phenylether
Concen: 2.943 ng
RT: 10.545 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

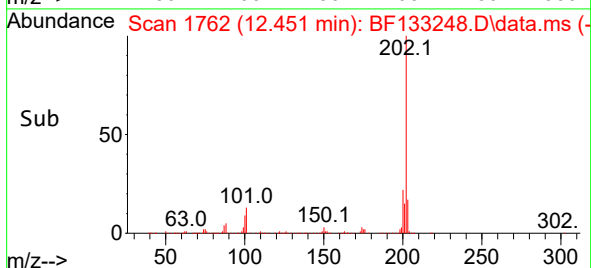
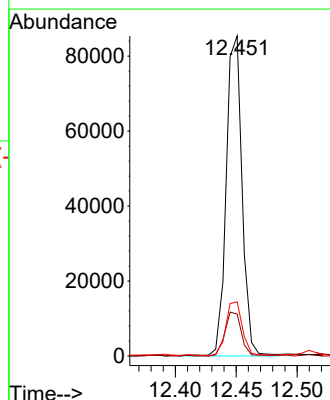
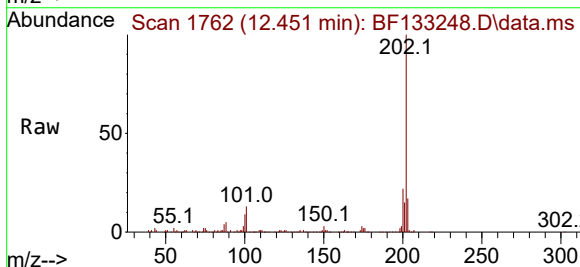
Instrument :
BNA_F
ClientSampleId :
VNJ-241

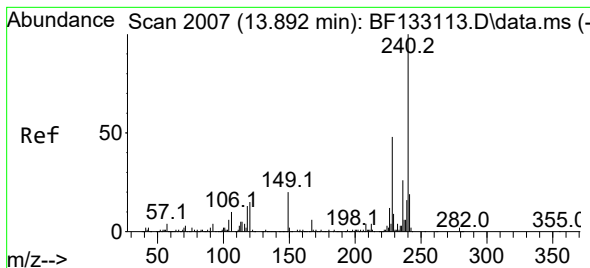
Tgt Ion:248 Resp: 21809
Ion Ratio Lower Upper
248 100
250 196.2 78.7 118.1#
141 526.7 56.3 84.5#



#75
Fluoranthene
Concen: 2.108 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

Tgt Ion:202 Resp: 77716
Ion Ratio Lower Upper
202 100
101 13.1 0.0 35.3
203 16.9 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133248.D

Acq: 05 May 2023 00:12

Instrument :

BNA_F

ClientSampleId :

VNJ-241

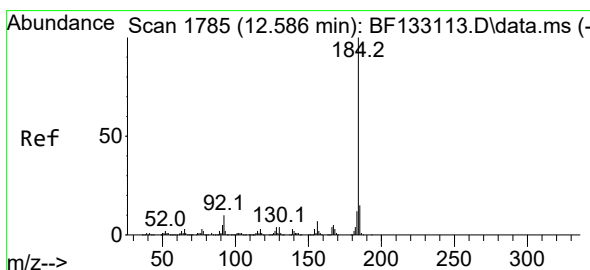
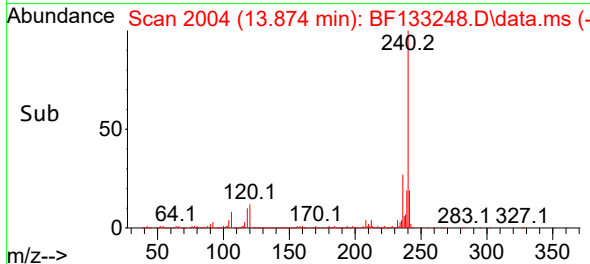
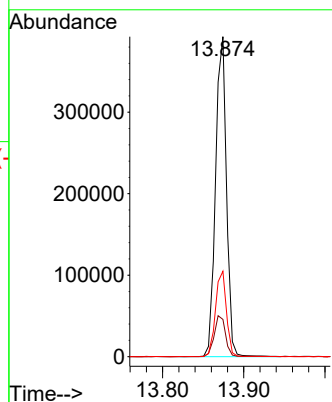
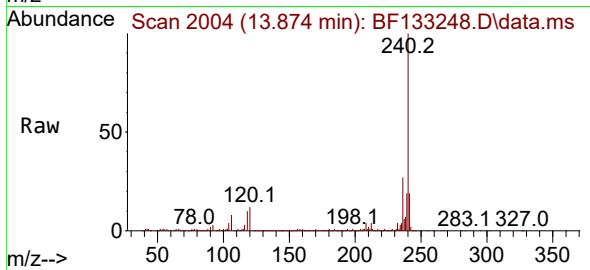
Tgt Ion:240 Resp: 366418

Ion Ratio Lower Upper

240 100

120 11.6 10.5 15.7

236 26.7 21.5 32.3



#77

Benzidine

Concen: 2.638 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF133248.D

Acq: 05 May 2023 00:12

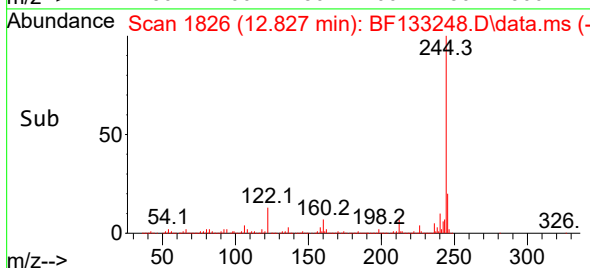
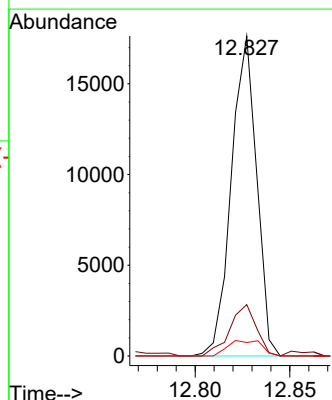
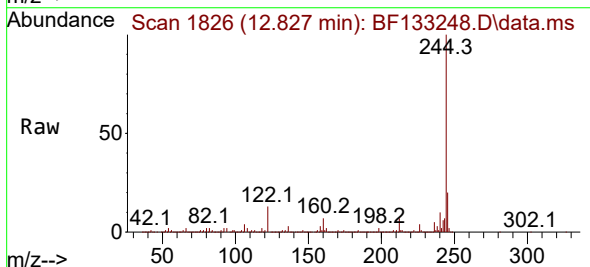
Tgt Ion:184 Resp: 16348

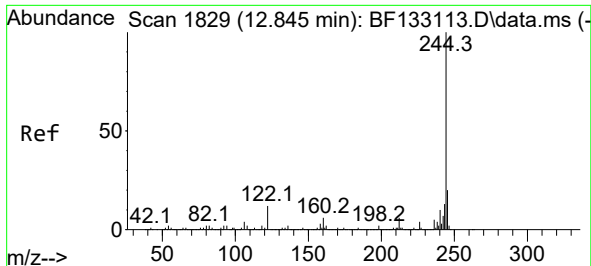
Ion Ratio Lower Upper

184 100

185 16.1 15.4 23.2

183 4.2 9.4 14.0#

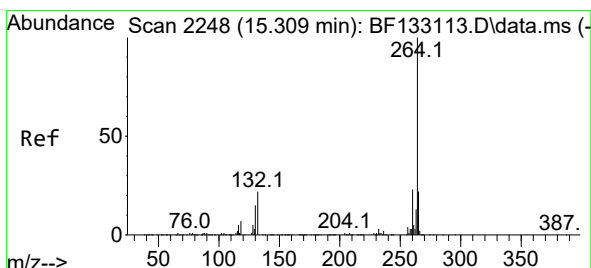
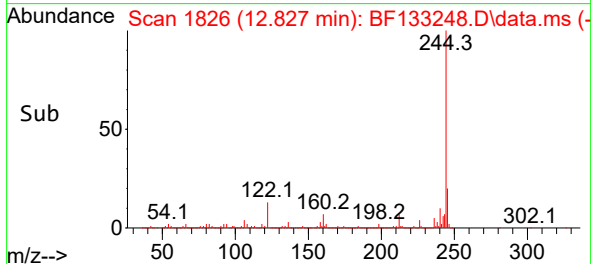
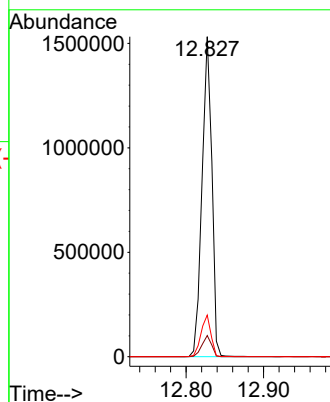
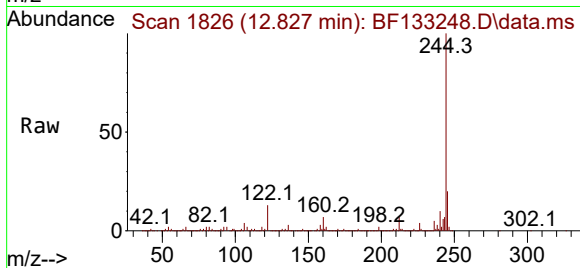




#79
 Terphenyl-d14
 Concen: 63.314 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133248.D
 Acq: 05 May 2023 00:12

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Tgt Ion:244 Resp: 1345162
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 13.0 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF133248.D
 Acq: 05 May 2023 00:12

Tgt Ion:264 Resp: 401410
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.7 17.0 25.4

