

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122061.D
 Acq On : 21 Oct 2020 18:15
 Operator : JU/CG
 Sample : L4467-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-240

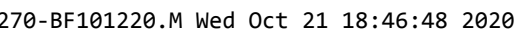
Quant Time: Oct 21 18:46:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

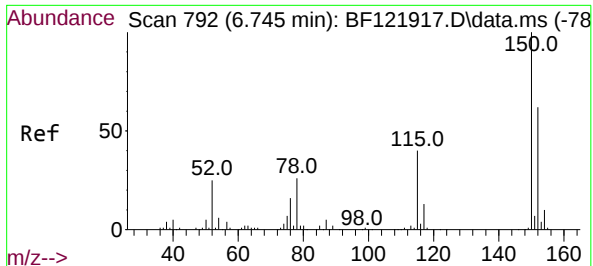
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	106723	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	422900	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	214731	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	385064	20.00	ng	0.00
76) Chrysene-d12	13.880	240	250718	20.00	ng	0.00
86) Perylene-d12	15.309	264	238238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	791817	109.50	ng	0.00
7) Phenol-d6	6.381	99	999922	107.42	ng	0.00
23) Nitrobenzene-d5	7.298	82	693663	84.12	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	296603	111.66	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1141420	78.21	ng	0.00
79) Terphenyl-d14	12.827	244	1062488	80.76	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.316	77	1409	Below Cal	#	78
10) Phenol	6.387	94	24839	2.59 ng	#	74
19) n-Nitroso-di-n-propyla...	7.298	70	94280	17.79 ng	#	78
25) Isophorone	7.298	82	683531	43.84 ng	#	67
50) Dimethylphthalate	9.480	163	171829	10.94 ng		98
57) 2,4-Dinitrotoluene	9.757	165	26991	6.37 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.551	198	415	4.58 ng	#	1
67) 4-Bromophenyl-phenylether	10.551	248	17167	3.86 ng	#	1
89) Benzo(k)fluoranthene	14.904	252	31587	2.06 ng	#	89

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

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QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

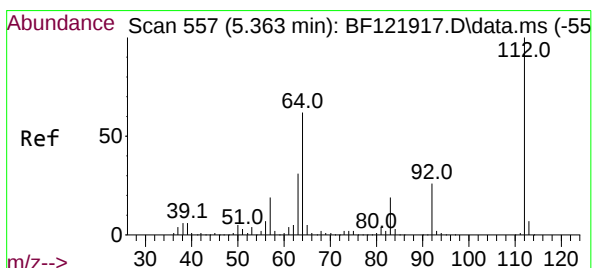
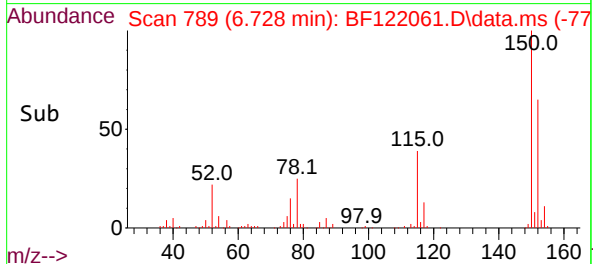
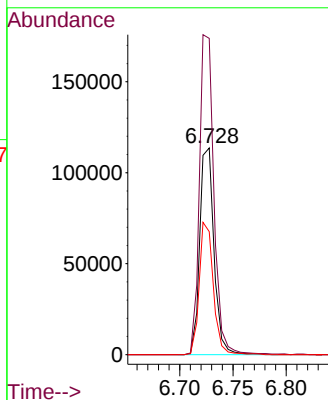
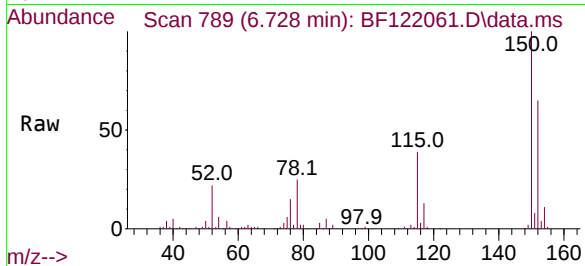




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

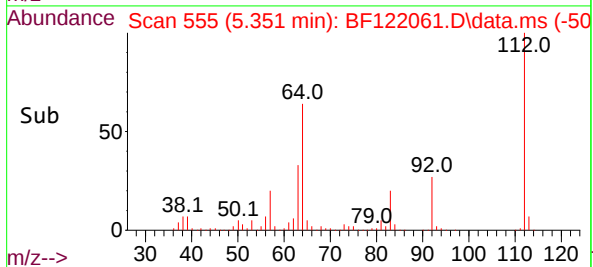
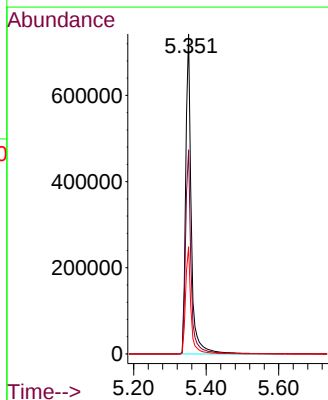
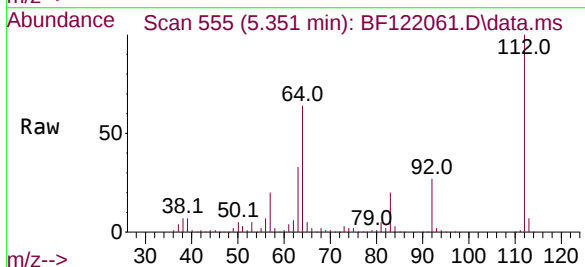
Instrument :
BNA_F
ClientSampleId :
VNJ-240

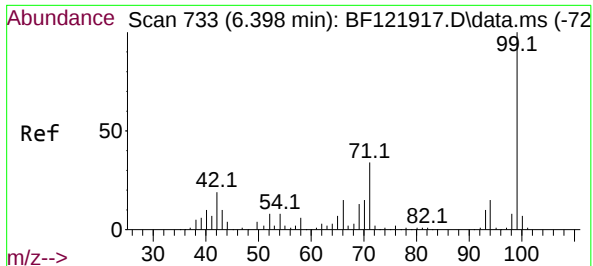
Tgt Ion:152 Resp: 106723
Ion Ratio Lower Upper
152 100
150 153.0 125.3 187.9
115 59.5 51.9 77.9



#5
2-Fluorophenol
Concen: 109.50 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Tgt Ion:112 Resp: 791817
Ion Ratio Lower Upper
112 100
64 63.8 50.4 75.6
63 33.5 25.8 38.6

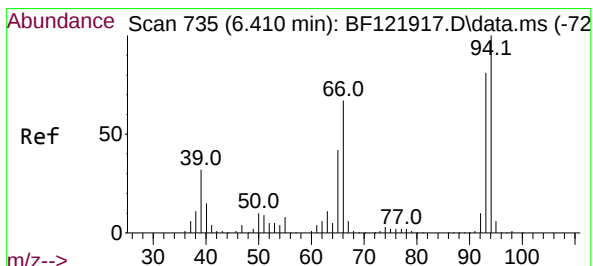
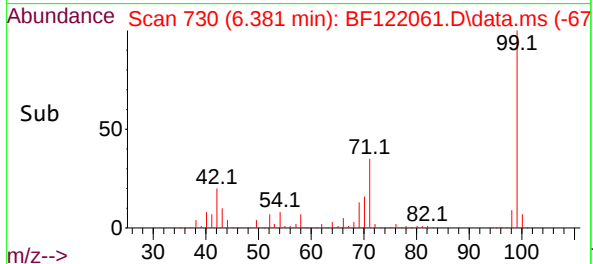
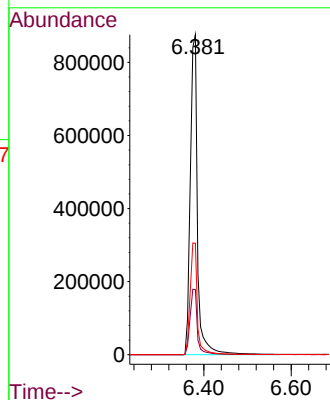
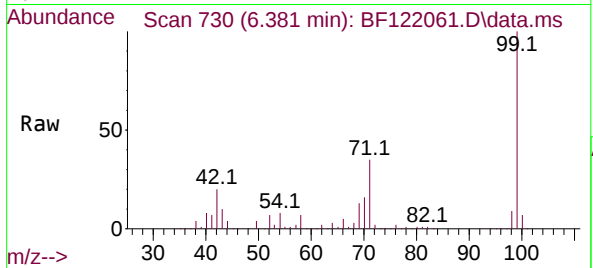




#7
Phenol-d6
Concen: 107.42 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

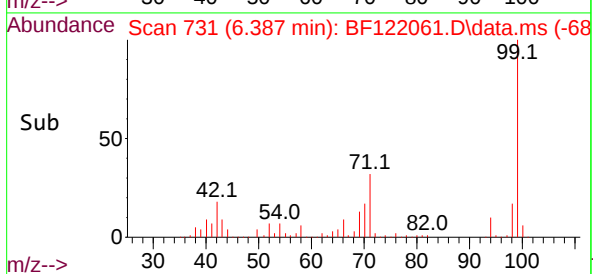
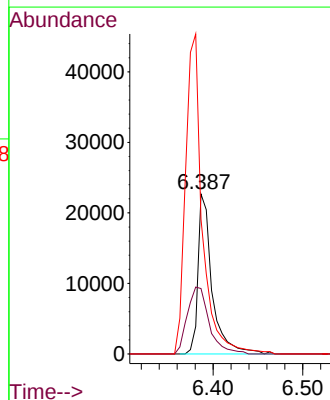
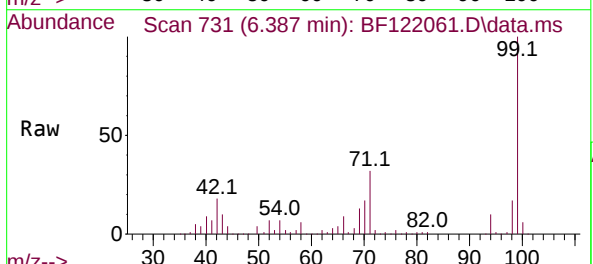
Instrument :
BNA_F
ClientSampleId :
VNJ-240

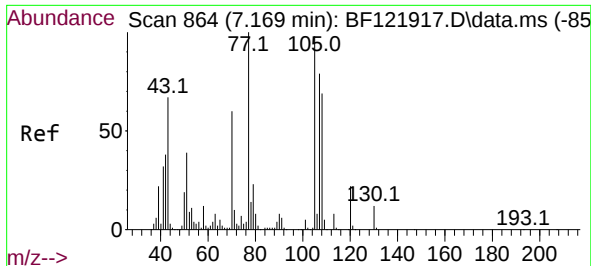
Tgt Ion: 99 Resp: 999922
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 34.8 27.1 40.7



#10
Phenol
Concen: 2.59 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

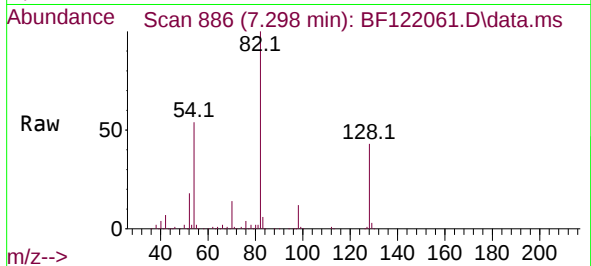
Tgt Ion: 94 Resp: 24839
Ion Ratio Lower Upper
94 100
65 41.0 17.1 57.1
66 84.3 36.0 76.0#



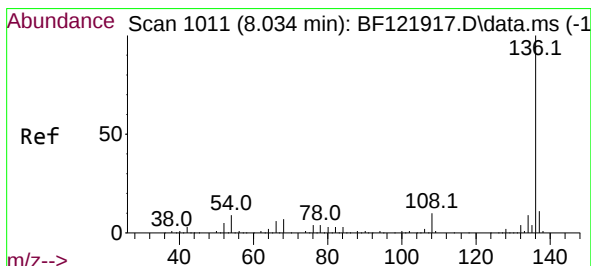
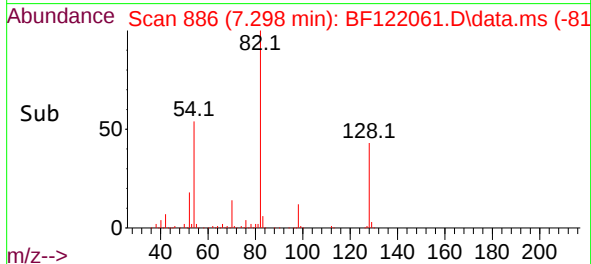
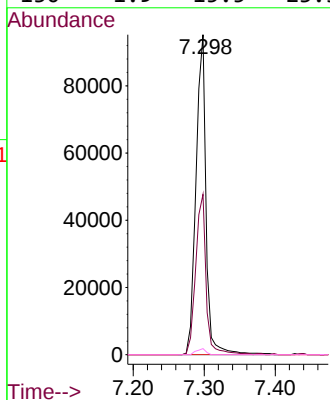


#19
n-Nitroso-di-n-propylamine
Concen: 17.79 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Instrument :
BNA_F
ClientSampleId :
VNJ-240

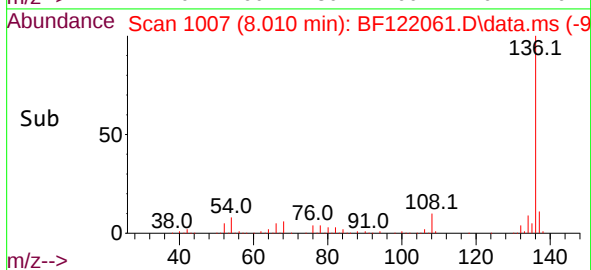
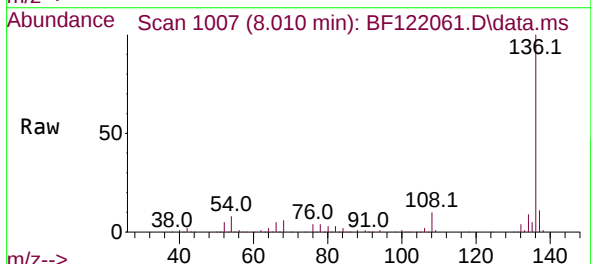
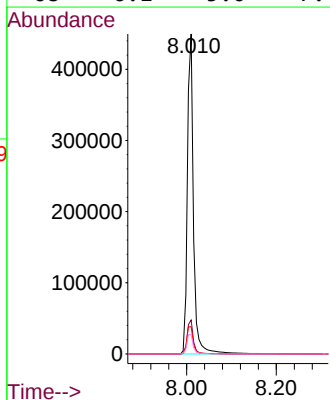


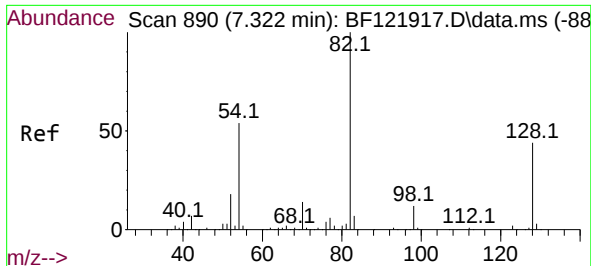
Tgt Ion: 70 Resp: 94280
Ion Ratio Lower Upper
70 100
42 50.1 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Tgt Ion: 136 Resp: 422900
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.1 10.7
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.12 ng

RT: 7.298 min Scan# 886

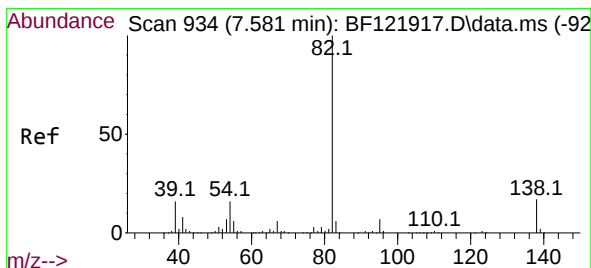
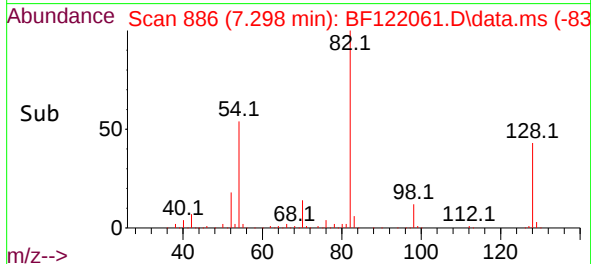
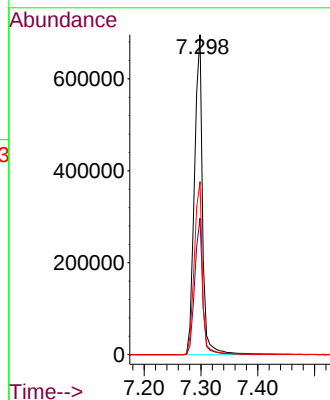
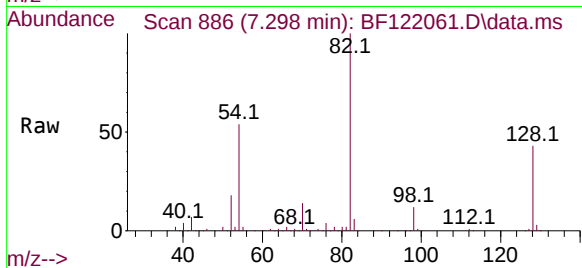
Delta R.T. -0.006 min

Lab File: BF122061.D

Acq: 21 Oct 2020 18:15

Tgt Ion: 82 Resp: 693663

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.0	52.4
54	54.1	43.9	65.9



#25

Isophorone

Concen: 43.84 ng

RT: 7.298 min Scan# 886

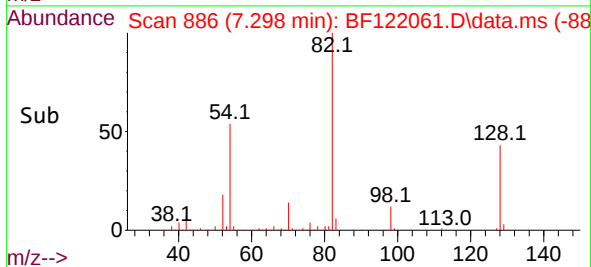
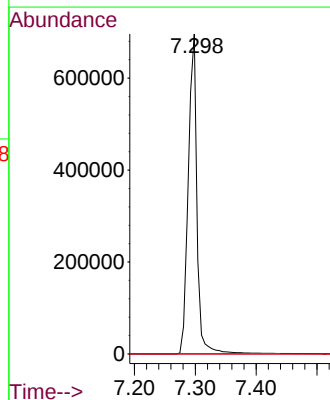
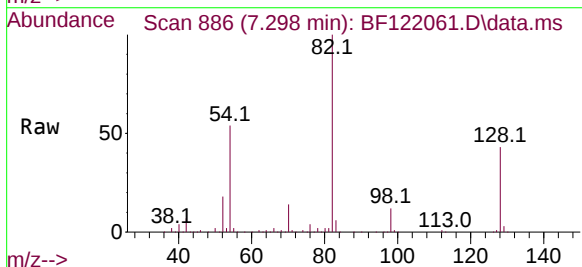
Delta R.T. -0.265 min

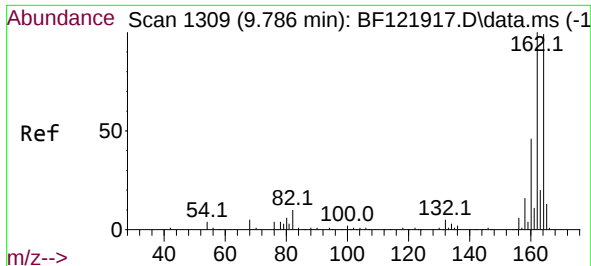
Lab File: BF122061.D

Acq: 21 Oct 2020 18:15

Tgt Ion: 82 Resp: 683531

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

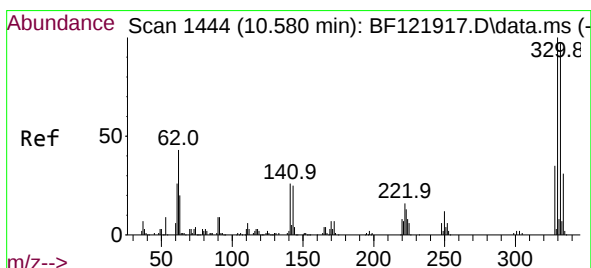
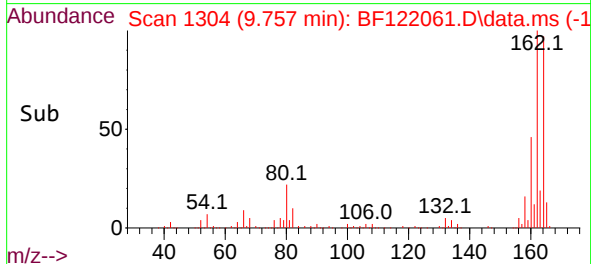
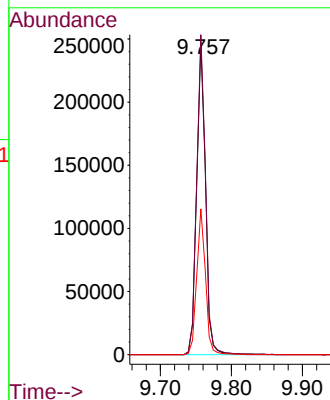
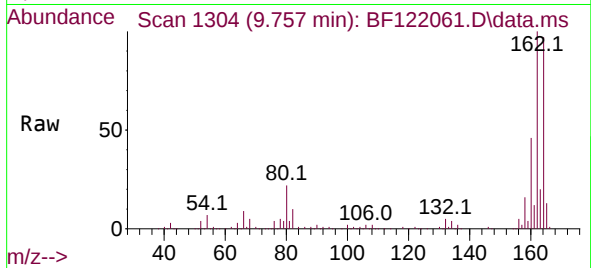




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

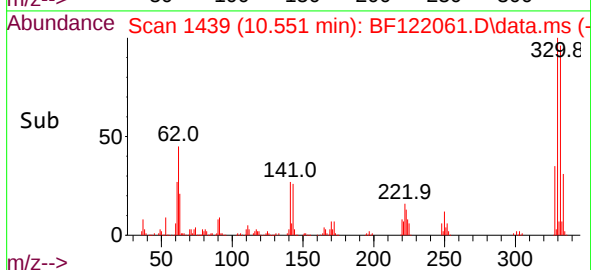
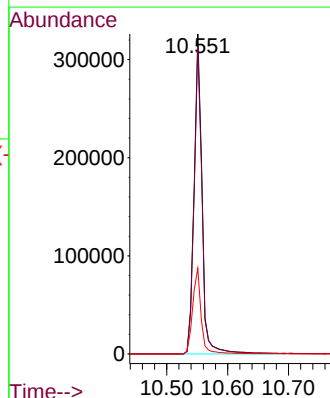
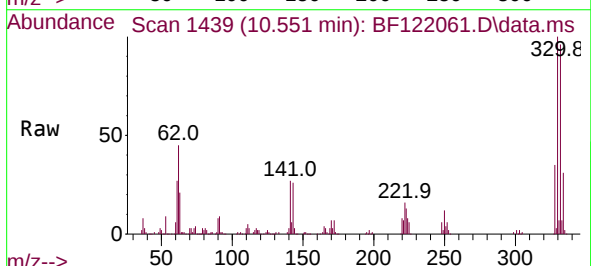
Instrument :
BNA_F
ClientSampleId :
VNJ-240

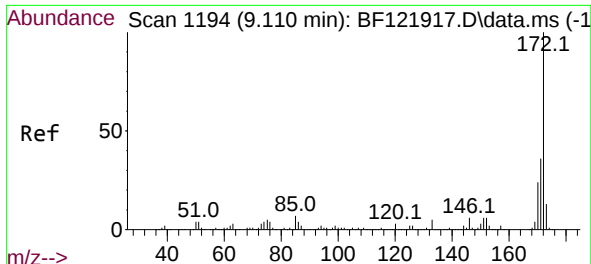
Tgt Ion:164 Resp: 214731
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 46.8 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 111.66 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Tgt Ion:330 Resp: 296603
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 28.6 22.3 33.5

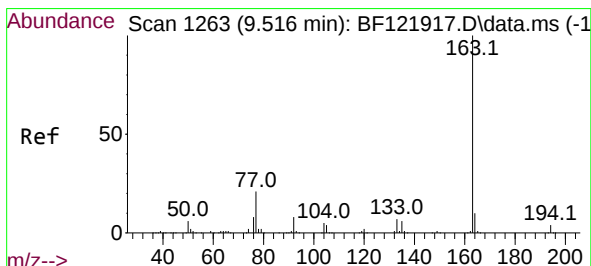
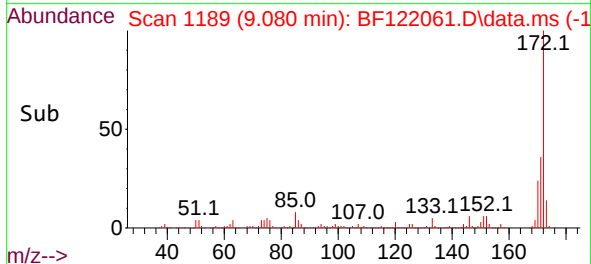
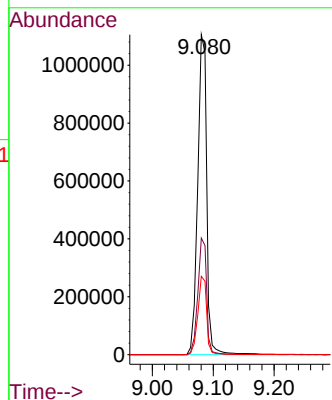
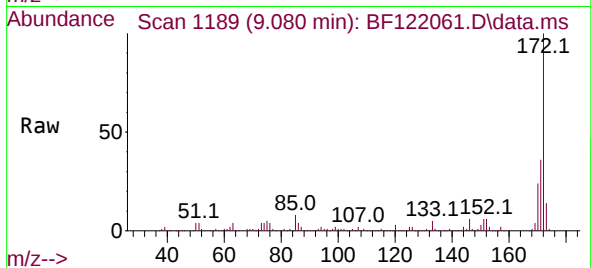




#45
2-Fluorobiphenyl
Concen: 78.21 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

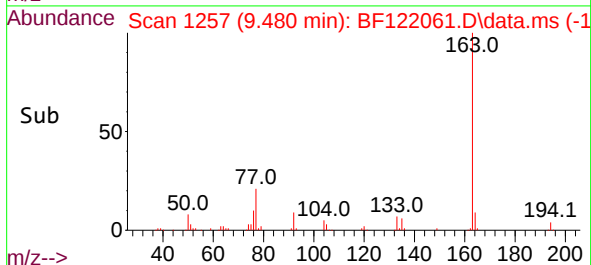
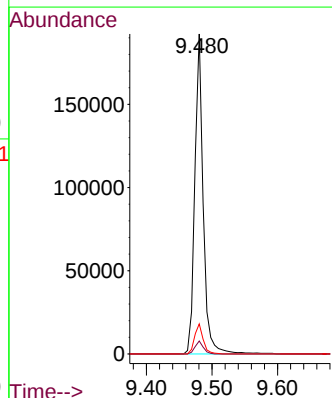
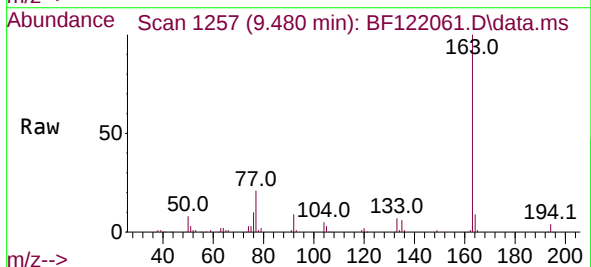
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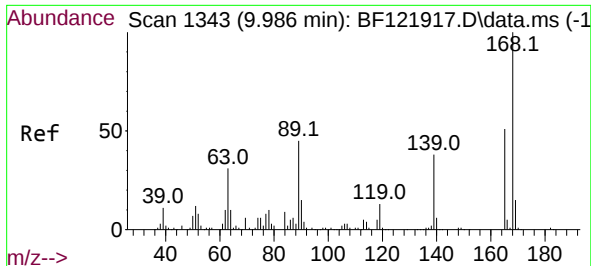
Tgt Ion:172 Resp: 1141420
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.5 19.8 29.6



#50
Dimethylphthalate
Concen: 10.94 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Tgt Ion:163 Resp: 171829
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.4 8.2 12.4

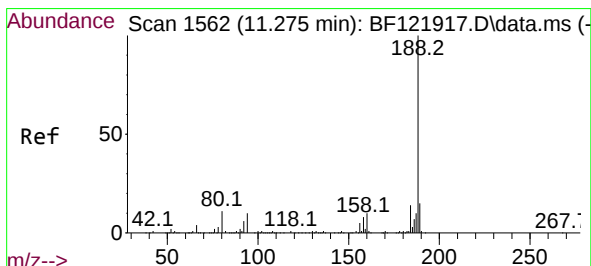
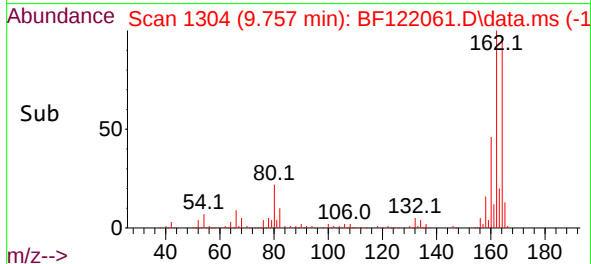
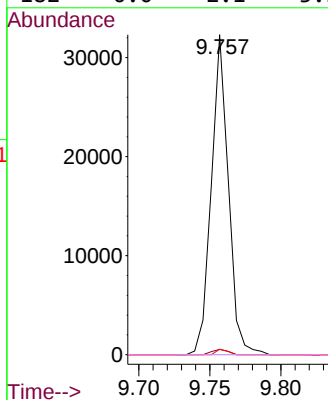
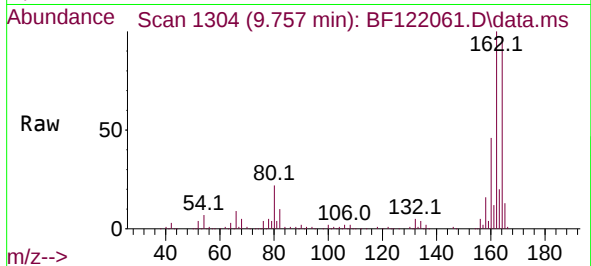




#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

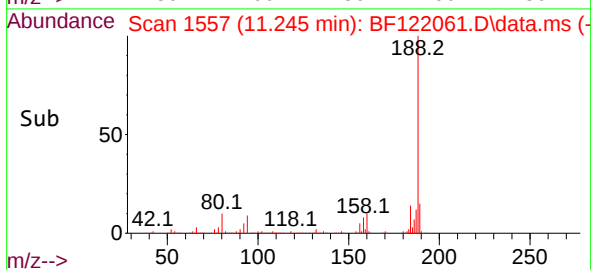
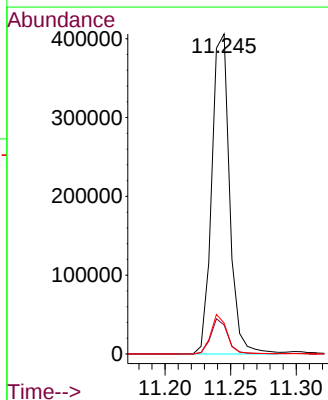
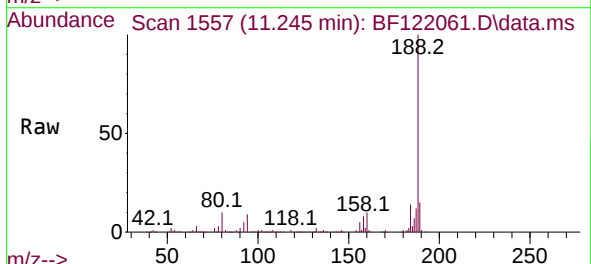
Instrument :
BNA_F
ClientSampleId :
VNJ-240

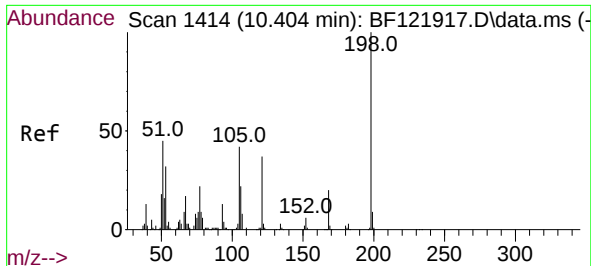
Tgt Ion:	165	Resp:	26991
Ion Ratio	Lower	Upper	
165	100		
63	1.7	41.3	61.9#
89	1.7	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Tgt Ion:	188	Resp:	385064
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.3	12.5
80	9.7	9.1	13.7

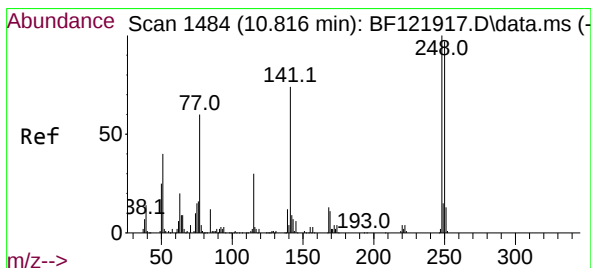
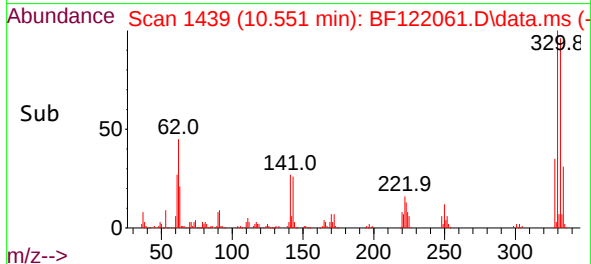
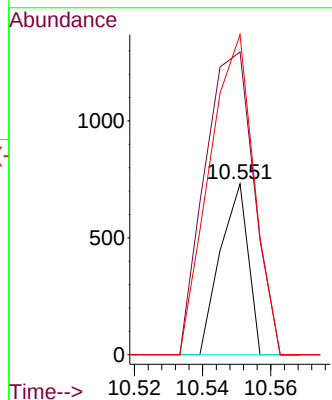
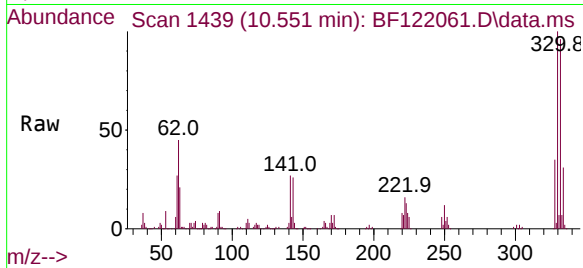




#65
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.165 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

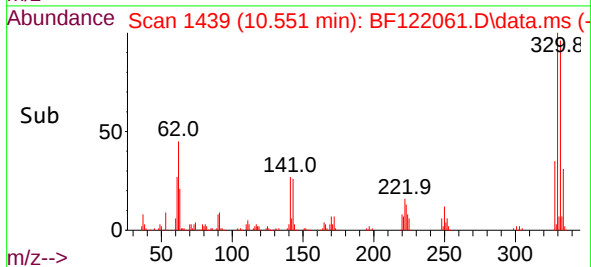
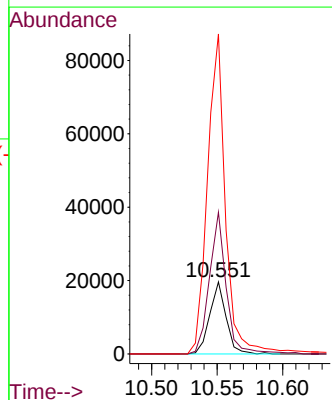
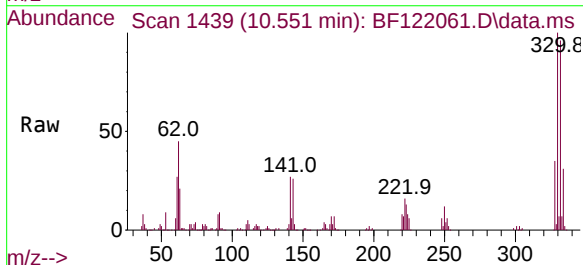
Instrument :
BNA_F
ClientSampled :
VNJ-240

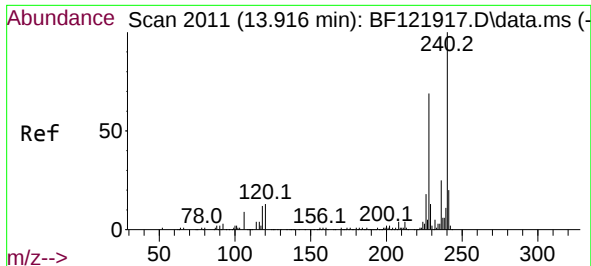
Tgt Ion:198 Resp: 415
Ion Ratio Lower Upper
198 100
51 177.2 29.6 69.6#
105 187.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Tgt Ion:248 Resp: 17167
Ion Ratio Lower Upper
248 100
250 197.0 77.0 115.6#
141 444.6 53.7 80.5#

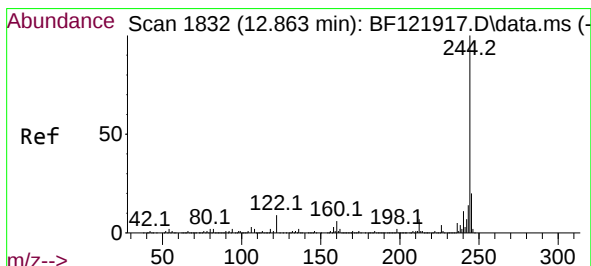
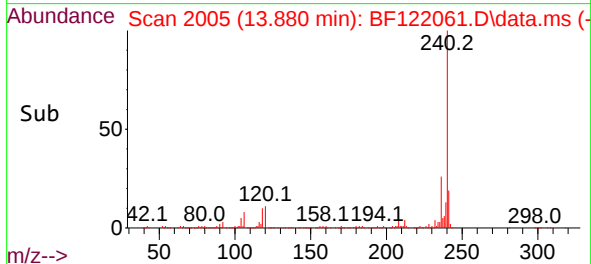
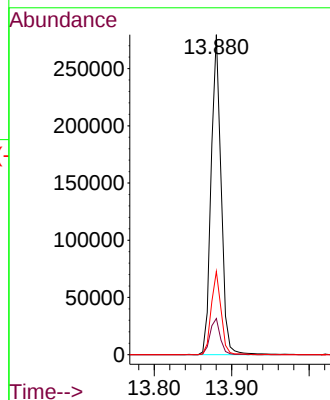
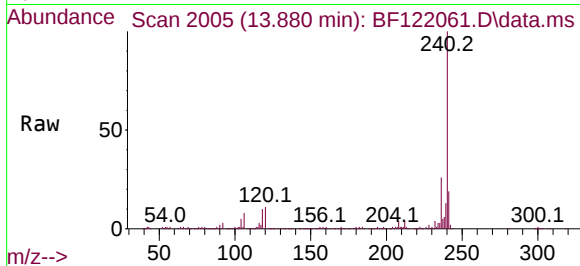




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

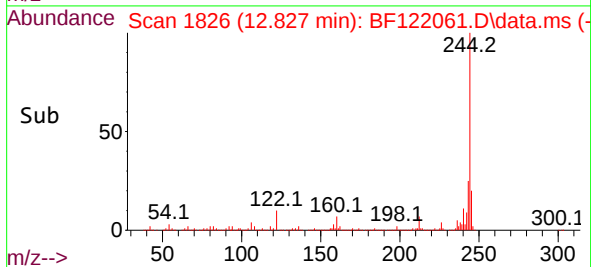
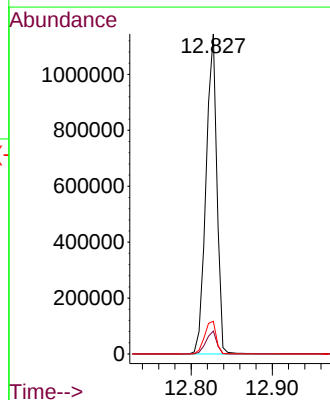
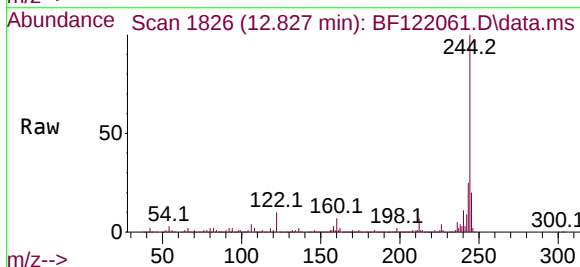
Instrument :
BNA_F
ClientSampleId :
VNJ-240

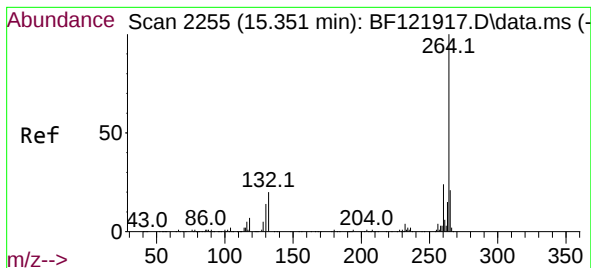
Tgt Ion:240 Resp: 250718
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 80.76 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Tgt Ion:244 Resp: 1062488
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.2 8.1 12.1

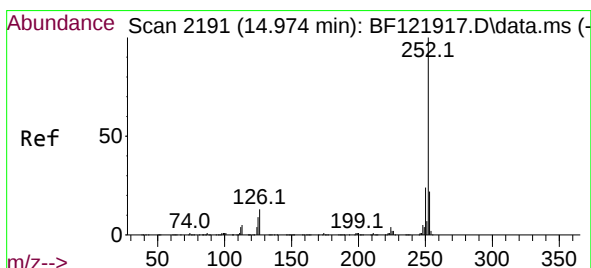
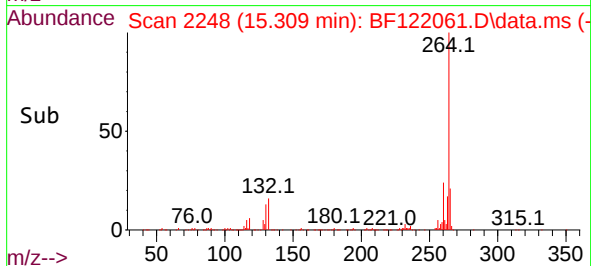
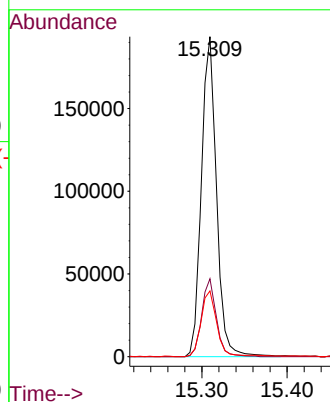
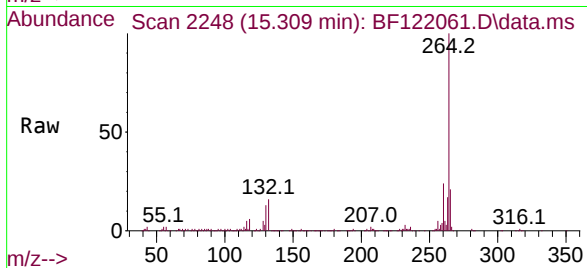




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.309 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:264 Resp: 238238
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 20.5 17.3 25.9



#89
Benzo(k)fluoranthene
Concen: 2.06 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.030 min
Lab File: BF122061.D
Acq: 21 Oct 2020 18:15

Tgt Ion:252 Resp: 31587
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.6
125 16.0 7.7 11.5#

