

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122275.D
 Acq On : 4 Nov 2020 21:19
 Operator : JU/CG
 Sample : L4613-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Quant Time: Nov 05 00:23:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

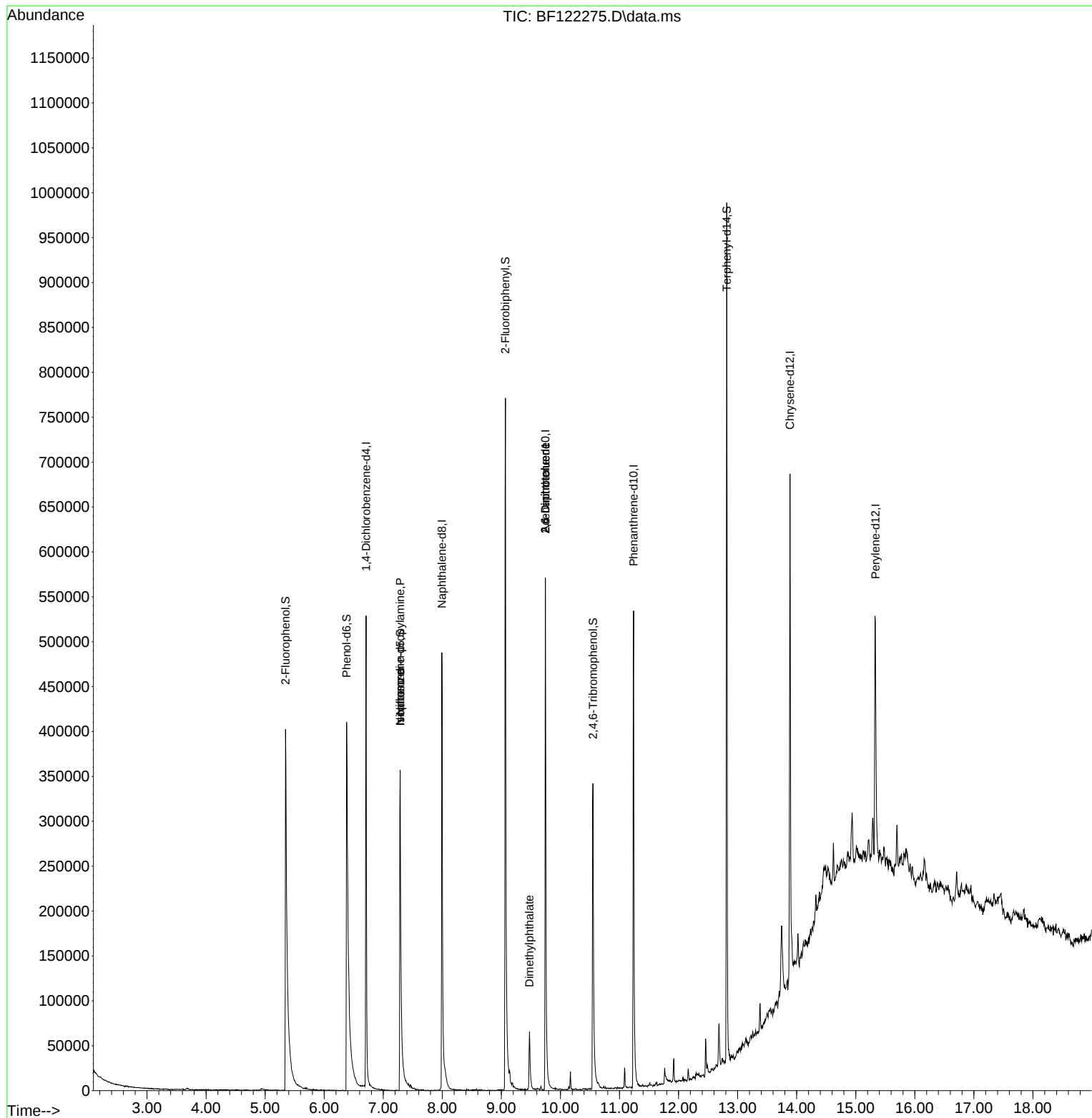
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	81693	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	304395	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	136641	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	243141	20.00	ng	0.00
76) Chrysene-d12	13.886	240	210205	20.00	ng	0.00
86) Perylene-d12	15.333	264	151508	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	262106	47.35	ng	0.01
7) Phenol-d6	6.381	99	321280	45.09	ng	0.01
23) Nitrobenzene-d5	7.287	82	200798	33.83	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	67149	39.73	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	336280	36.21	ng	0.00
79) Terphenyl-d14	12.816	244	293523	26.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.287	70	27037	6.66	ng	# 81
25) Isophorone	7.287	82	200798	17.89	ng	# 67
50) Dimethylphthalate	9.475	163	43298	4.33	ng	# 98
51) 2,6-Dinitrotoluene	9.745	165	17408	7.94	ng	# 19
57) 2,4-Dinitrotoluene	9.745	165	17408	6.45	ng	# 18

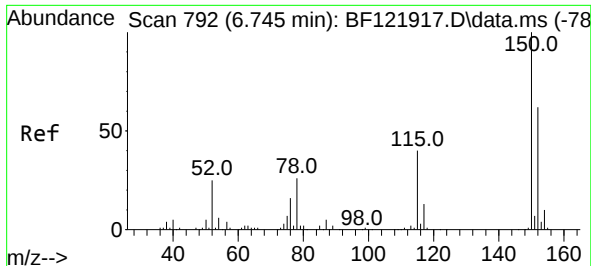
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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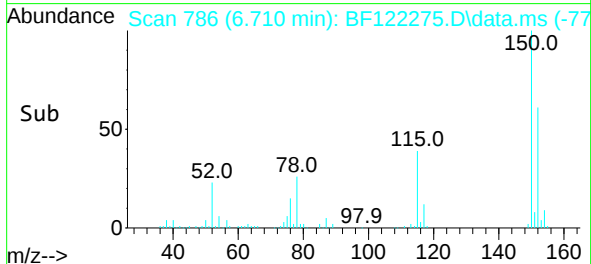
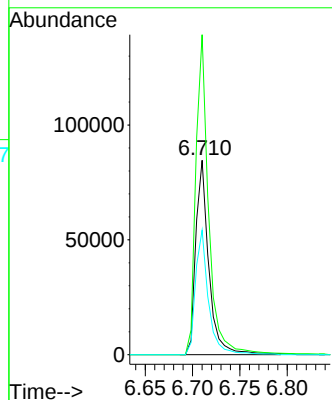
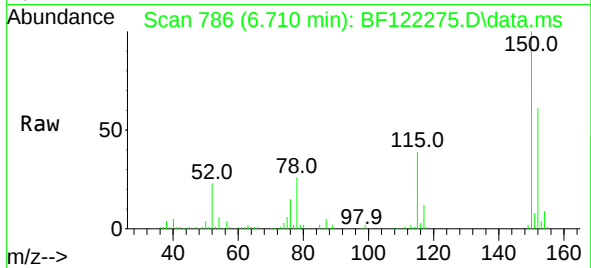




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

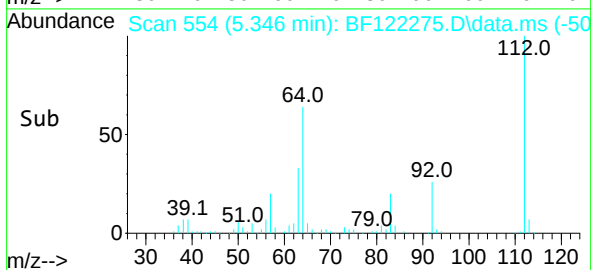
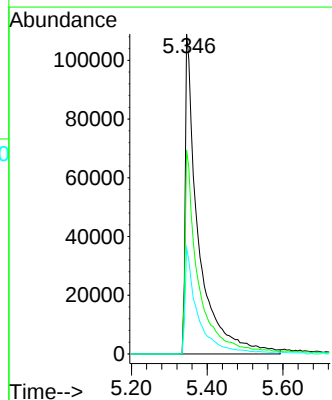
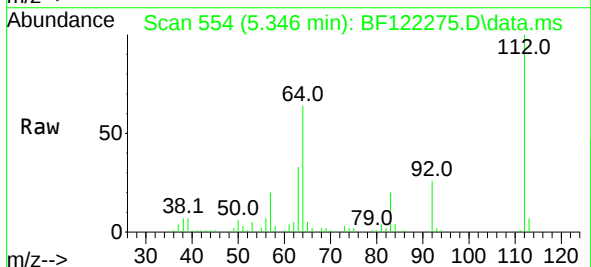
Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tgt Ion:152 Resp: 81693
Ion Ratio Lower Upper
152 100
150 164.6 125.3 187.9
115 64.0 51.9 77.9



#5
2-Fluorophenol
Concen: 47.35 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

Tgt Ion:112 Resp: 262106
Ion Ratio Lower Upper
112 100
64 63.7 50.4 75.6
63 33.1 25.8 38.6

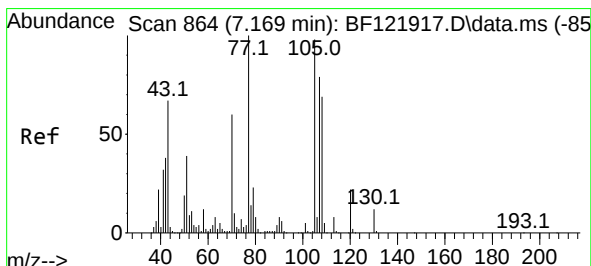
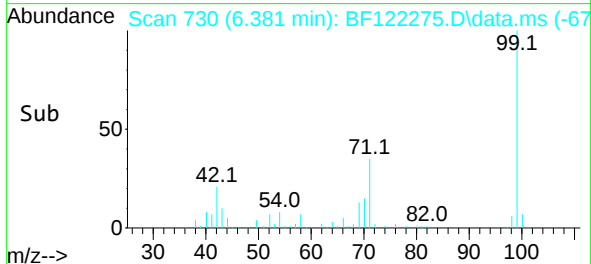
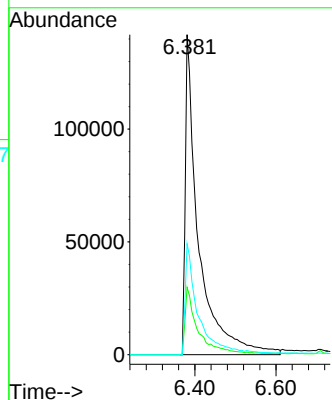
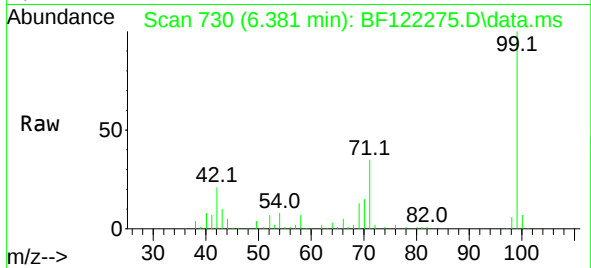




#7
Phenol-d6
Concen: 45.09 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

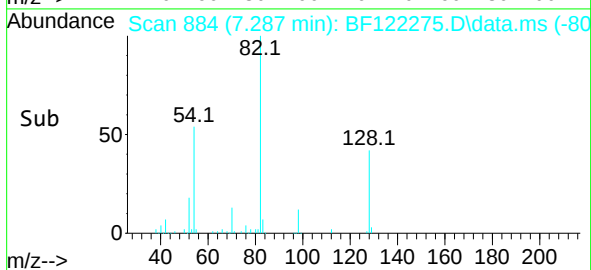
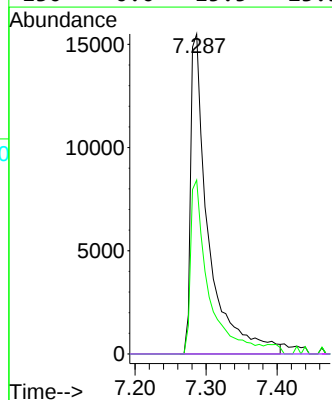
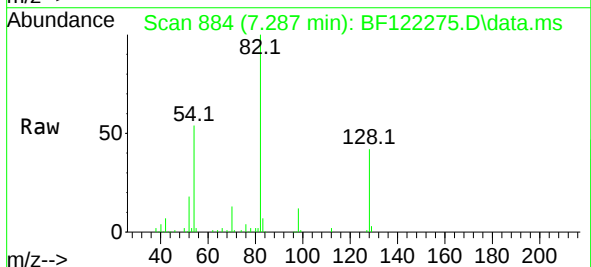
Instrument :
BNA_F
ClientSampleId :
VNJ-219

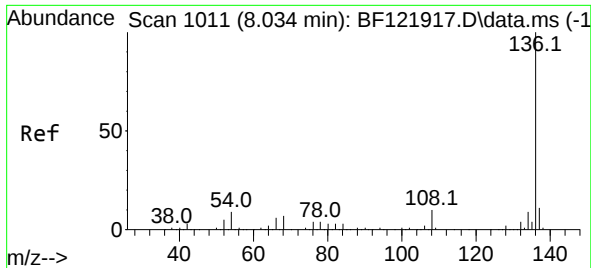
Tgt Ion: 99 Resp: 321280
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 34.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 6.66 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

Tgt Ion: 70 Resp: 27037
Ion Ratio Lower Upper
70 100
42 54.3 50.2 75.4
101 0.0 7.5 11.3#
130 0.0 15.5 23.3#



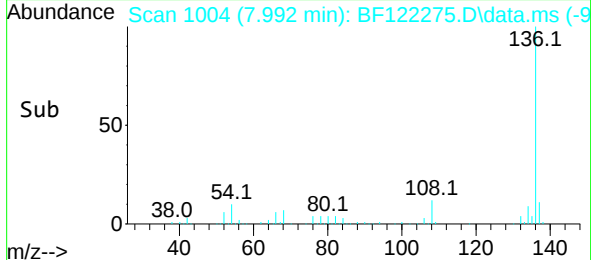
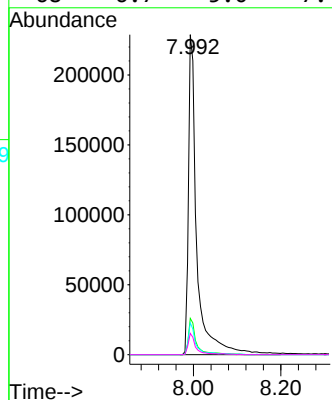
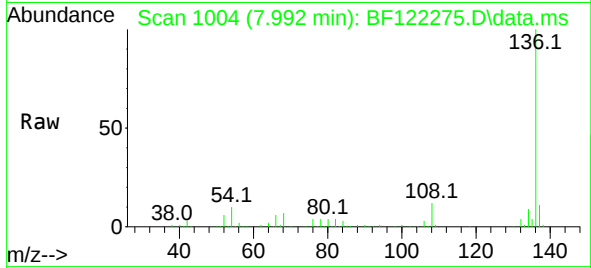


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tgt Ion:136 Resp: 304395

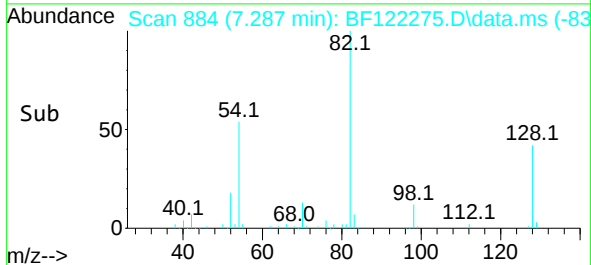
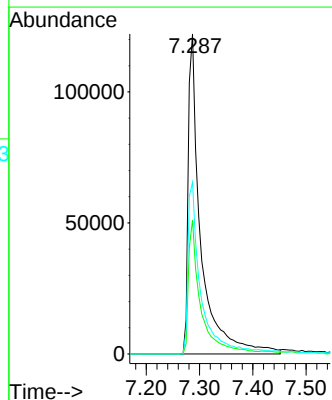
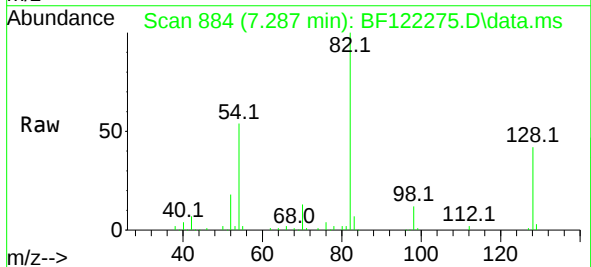
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.9	7.1	10.7
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 33.83 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

Tgt Ion: 82 Resp: 200798

Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.0	52.4
54	53.6	43.9	65.9

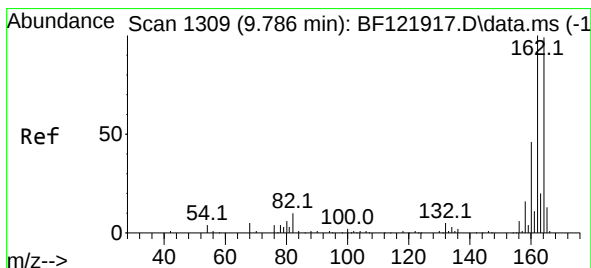
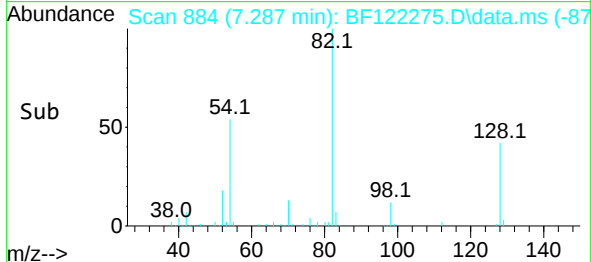
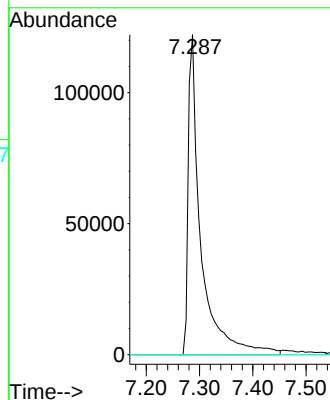
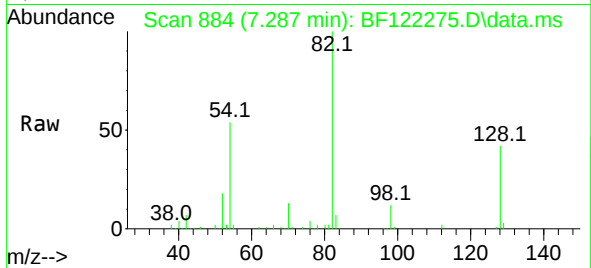




#25
Isophorone
Concen: 17.89 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

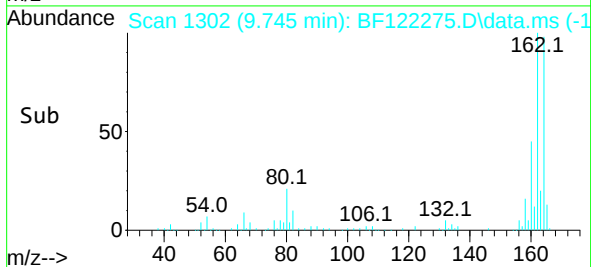
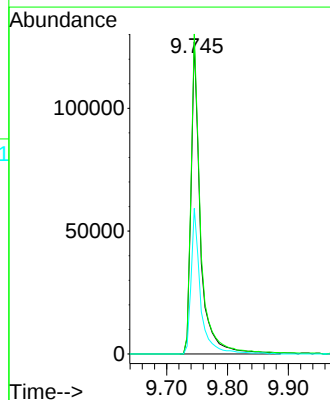
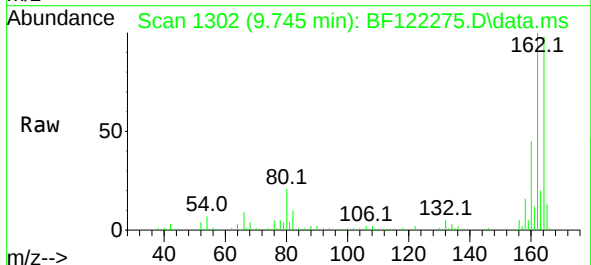
Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tgt Ion: 82 Resp: 200798
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: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

Tgt Ion:164 Resp: 136641
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 46.7 37.5 56.3

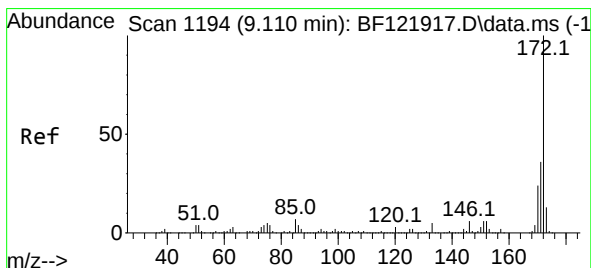
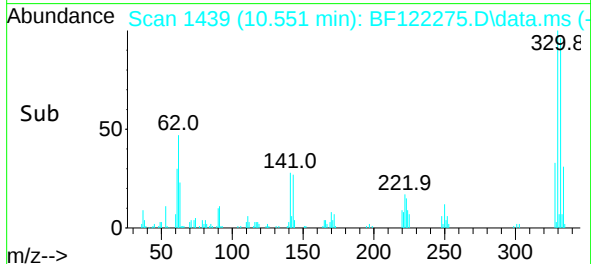
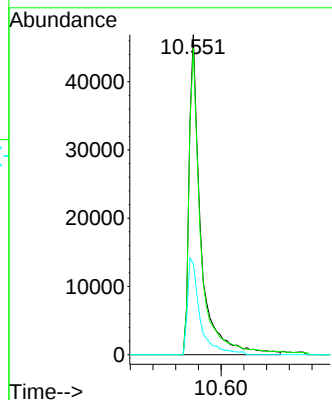
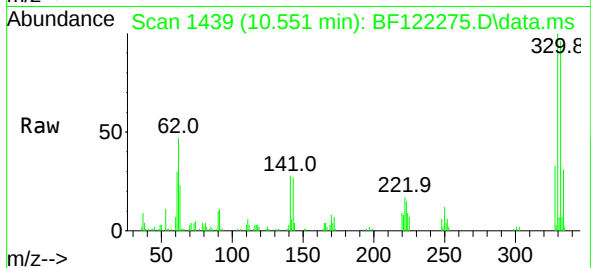




#42
2,4,6-Tribromophenol
Concen: 39.73 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

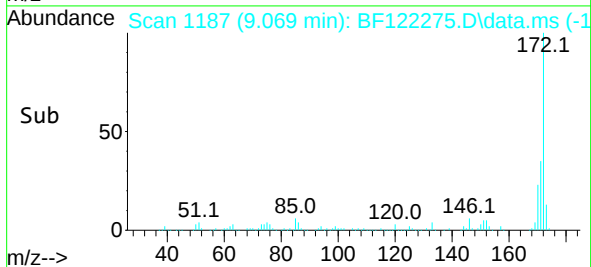
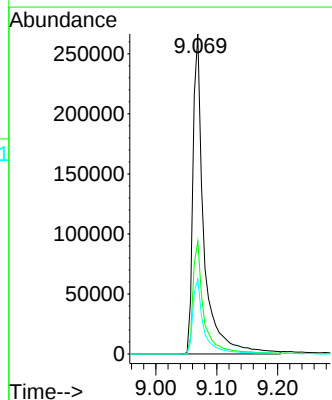
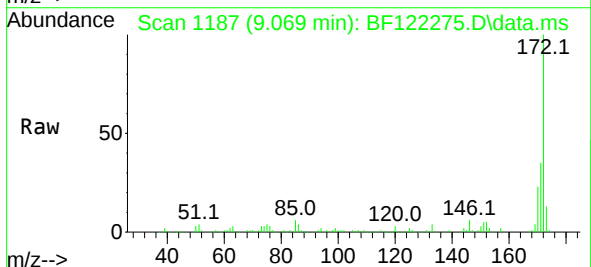
Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tgt Ion: 330 Resp: 67149
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 36.21 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

Tgt Ion: 172 Resp: 336280
Ion Ratio Lower Upper
172 100
171 35.2 29.1 43.7
170 23.4 19.8 29.6

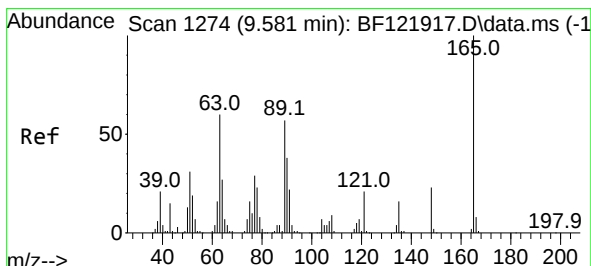
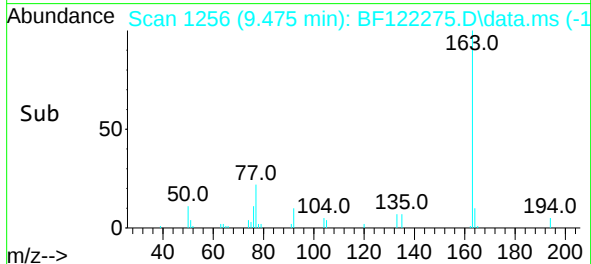
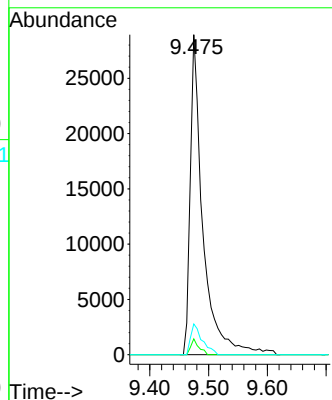
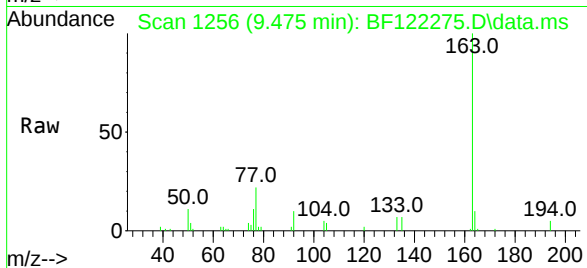




#50
Dimethylphthalate
Concen: 4.33 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

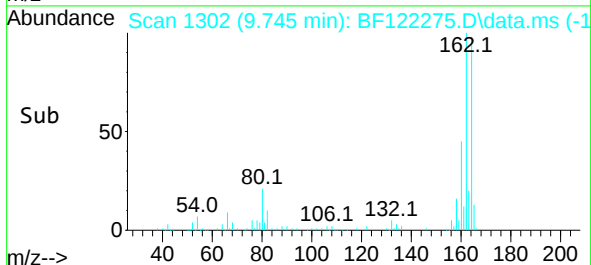
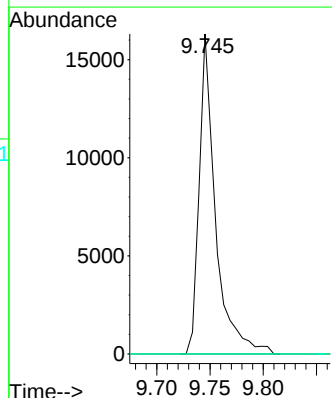
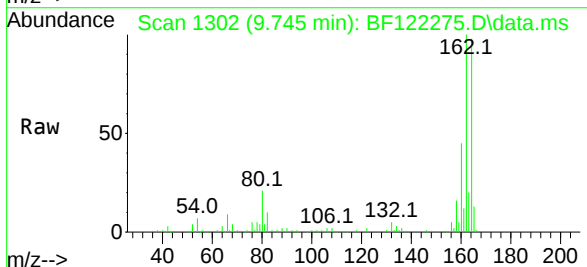
Instrument :
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ClientSampleId :
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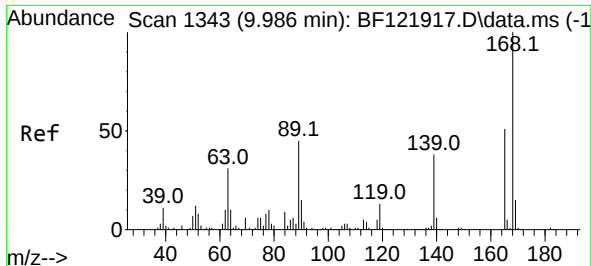
Tgt Ion:163 Resp: 43298
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9#
164 9.6 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

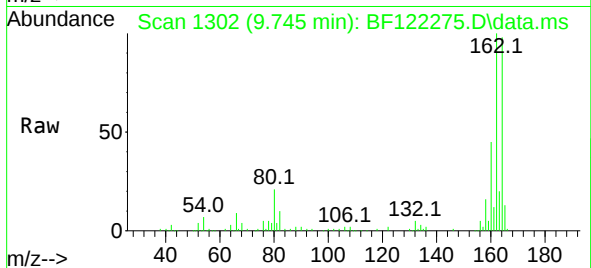
Tgt Ion:165 Resp: 17408
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 0.0 49.0 73.6#



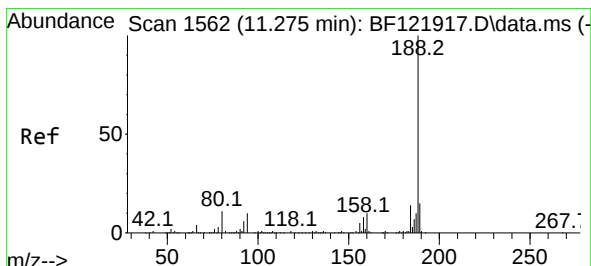
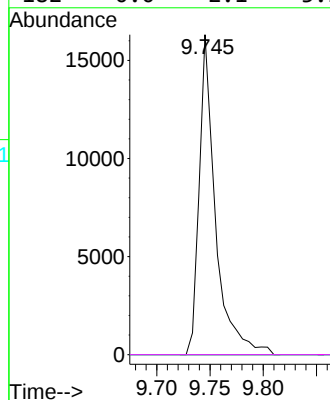
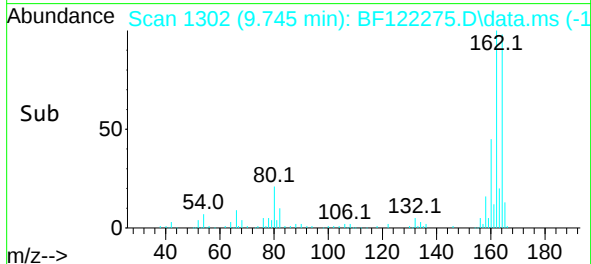


#57
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

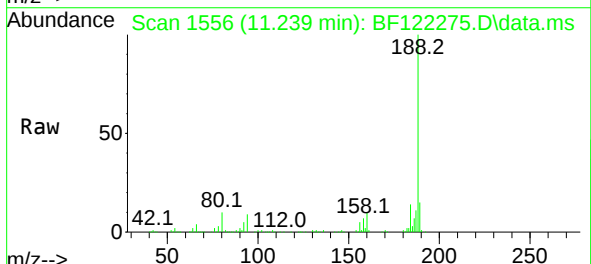
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BNA_F
ClientSampleId :
VNJ-219



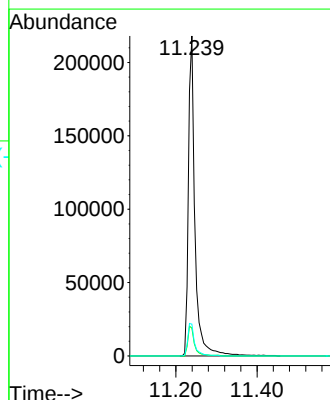
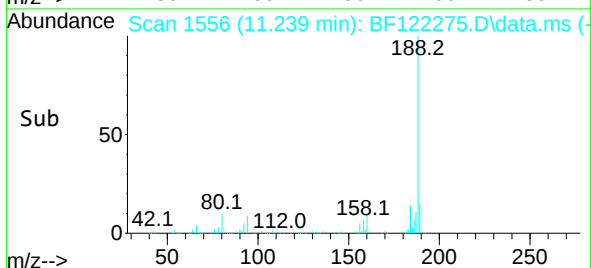
Tgt Ion:165 Resp: 17408
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 0.0 61.8 92.8#
182 0.0 2.1 3.1#

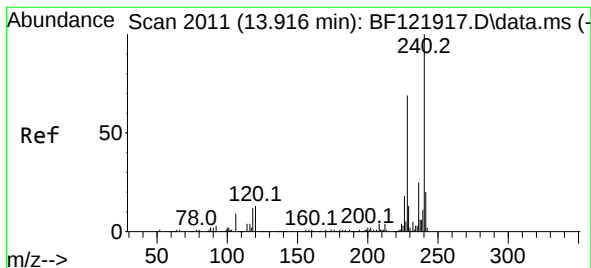


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19



Tgt Ion:188 Resp: 243141
Ion Ratio Lower Upper
188 100
94 8.7 8.3 12.5
80 10.0 9.1 13.7

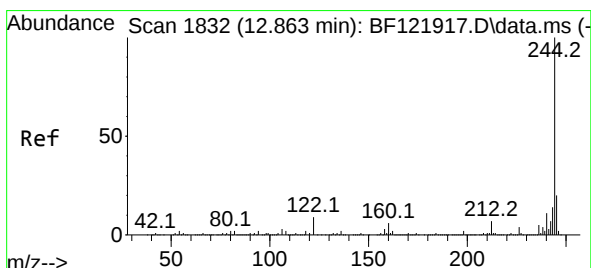
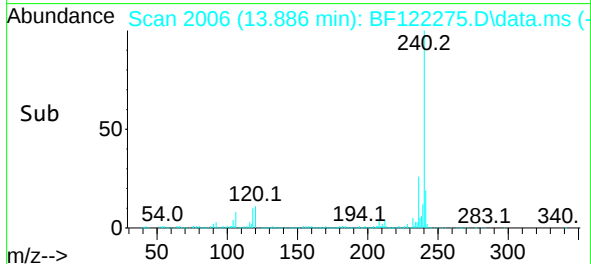
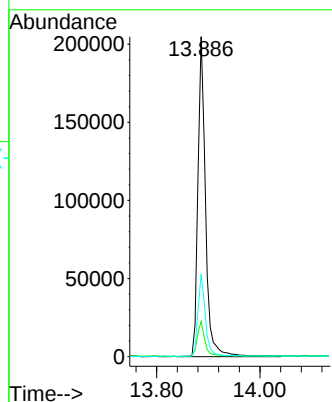
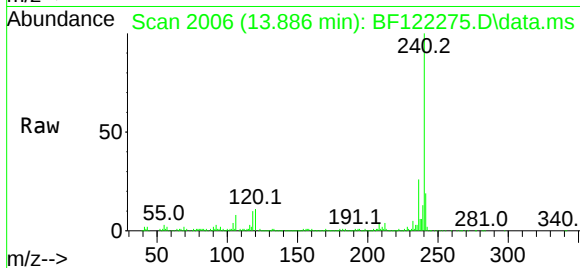




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

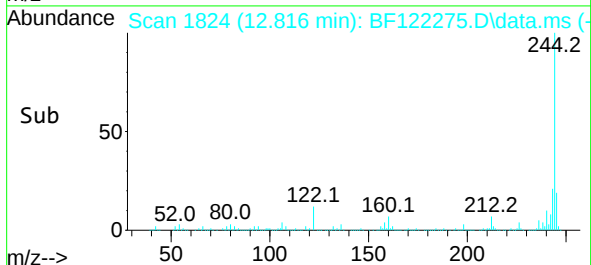
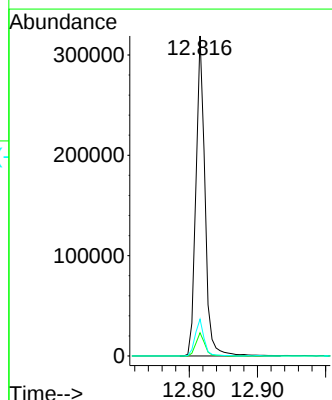
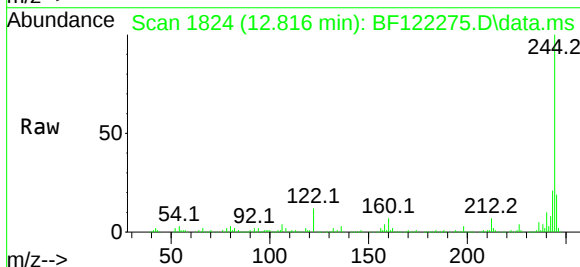
Instrument :
BNA_F
ClientSampleId :
VNJ-219

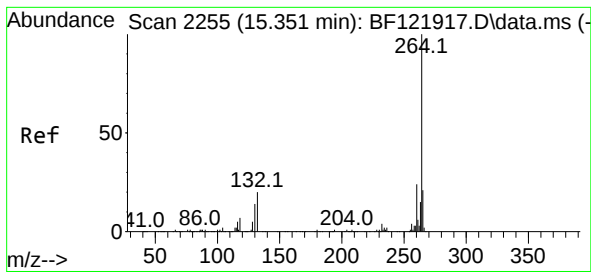
Tgt Ion:240 Resp: 210205
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 26.61 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

Tgt Ion:244 Resp: 293523
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.5 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.029 min
Lab File: BF122275.D
Acq: 4 Nov 2020 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tgt Ion:264 Resp: 151508
Ion Ratio Lower Upper
264 100
260 22.2 18.7 28.1
265 21.5 17.3 25.9

