

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125262.D
 Acq On : 30 Aug 2021 14:59
 Operator : JU/CG
 Sample : M3564-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-237

Quant Time: Aug 30 16:54:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

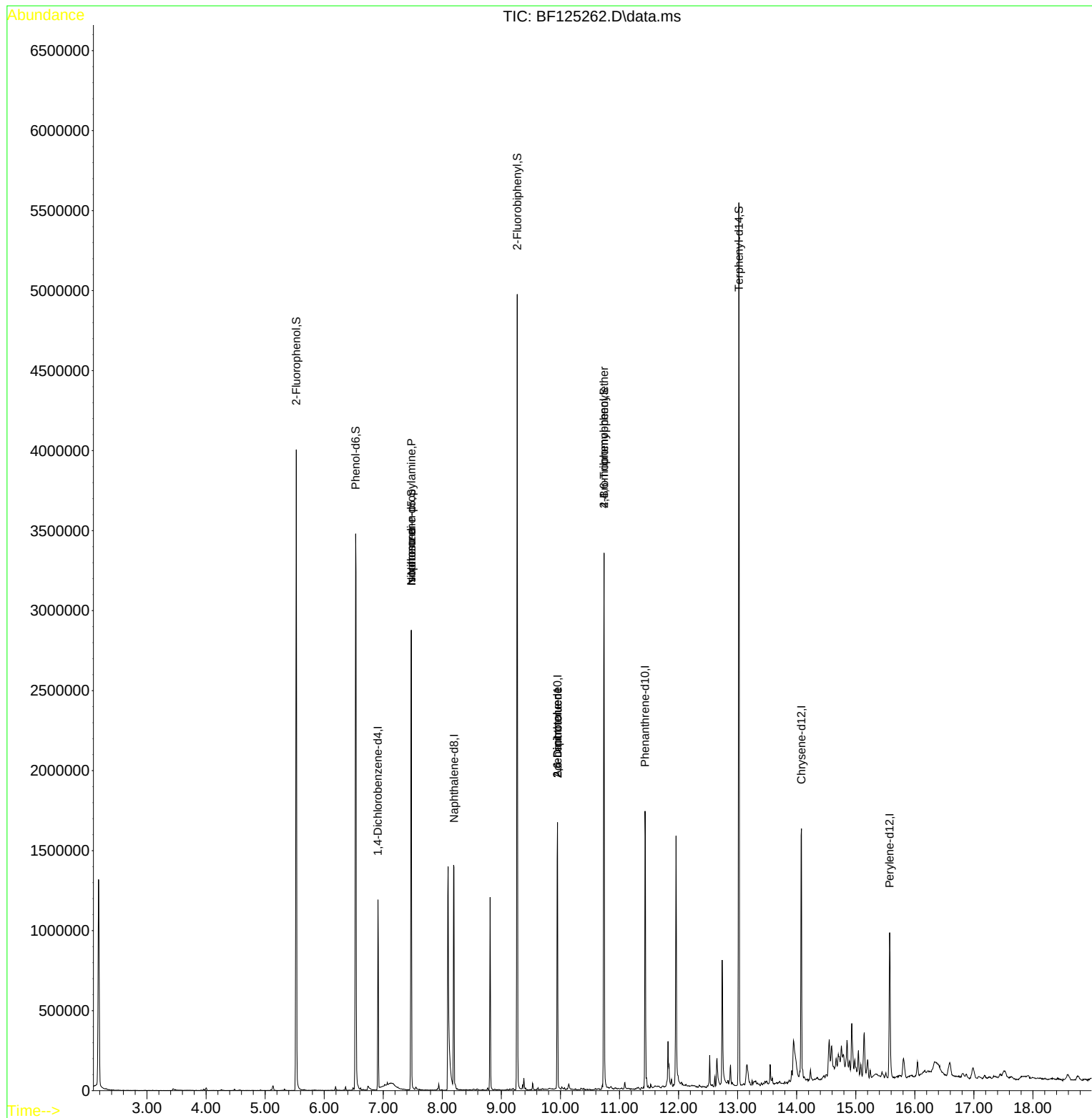
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	158313	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	623181	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	343164	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	665327	20.000	ng	0.00
76) Chrysene-d12	14.080	240	548346	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	416375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	993097	94.948	ng	0.00
7) Phenol-d6	6.534	99	1272831	94.094	ng	0.00
23) Nitrobenzene-d5	7.475	82	801263	64.730	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	426762	124.583	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1424411	57.851	ng	0.00
79) Terphenyl-d14	13.021	244	1901405	55.241	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	108959	13.391	ng	# 56
25) Isophorone	7.475	82	801251	33.554	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	42964	8.332	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	42964	6.884	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	26202	3.280	ng	# 1

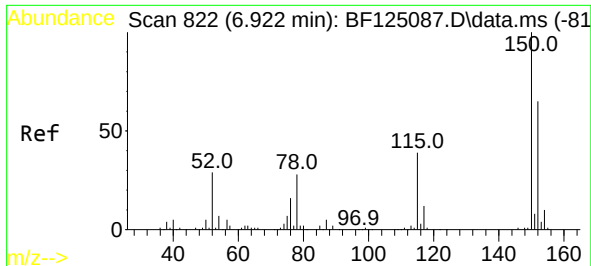
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

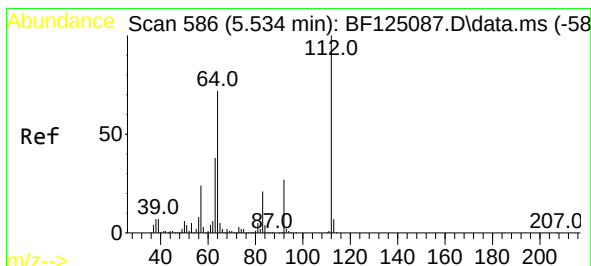
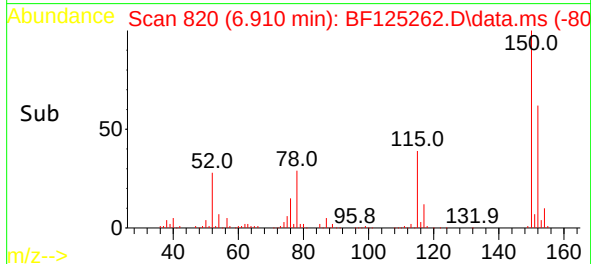
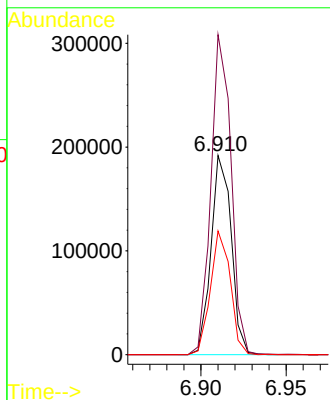
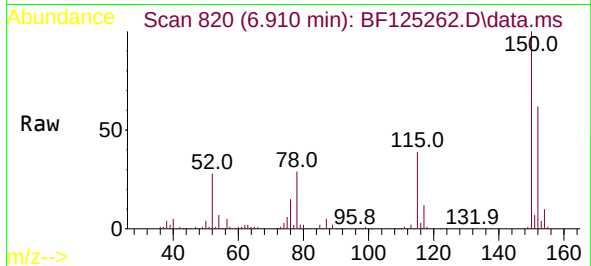




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

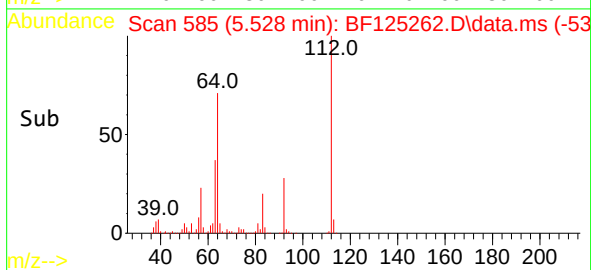
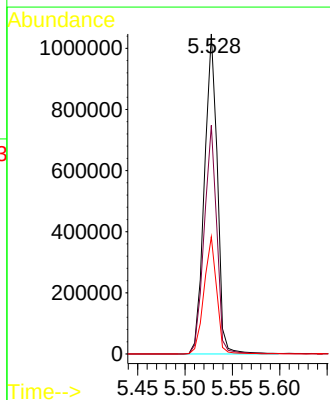
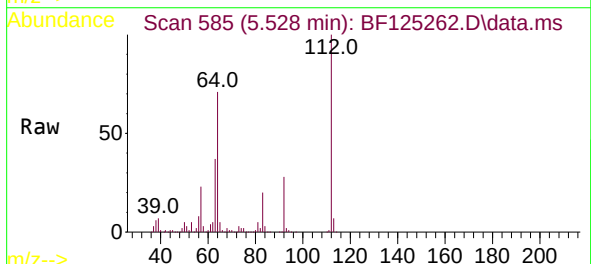
Instrument :
BNA_F
ClientSampleId :
VNJ-237

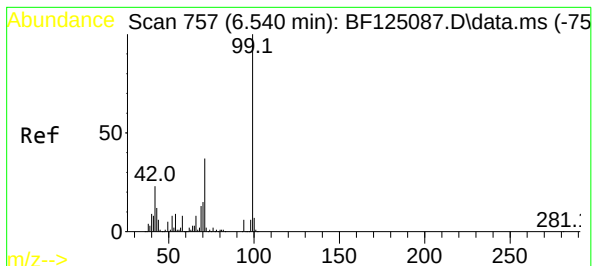
Tgt Ion:152 Resp: 158313
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 62.1 47.1 70.7



#5
2-Fluorophenol
Concen: 94.948 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

Tgt Ion:112 Resp: 993097
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 36.6 26.2 39.2





#7

Phenol-d6

Concen: 94.094 ng

RT: 6.534 min Scan# 756

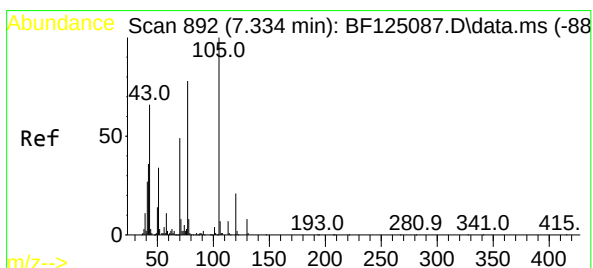
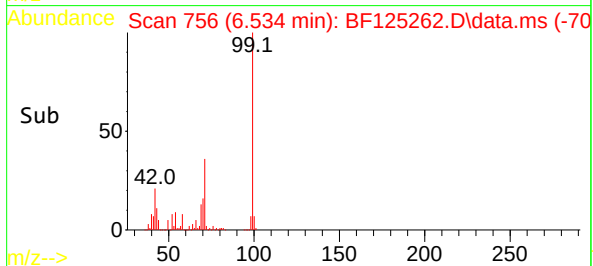
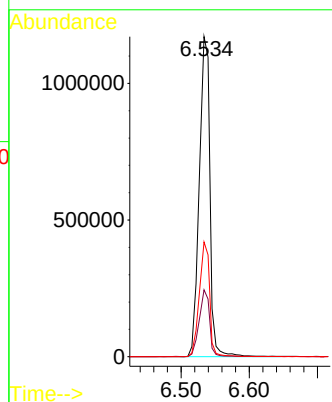
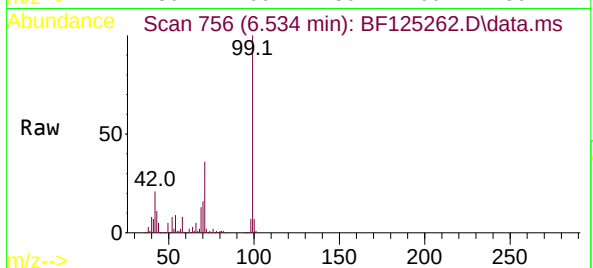
Delta R.T. -0.006 min

Lab File: BF125262.D

Acq: 30 Aug 2021 14:59

Tgt Ion: 99 Resp: 1272831

Ion	Ratio	Lower	Upper
99	100		
42	20.9	23.5	35.3#
71	35.8	25.6	38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.391 ng

RT: 7.475 min Scan# 916

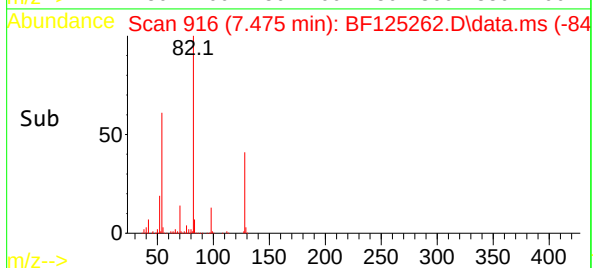
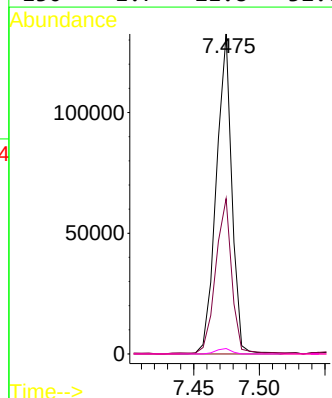
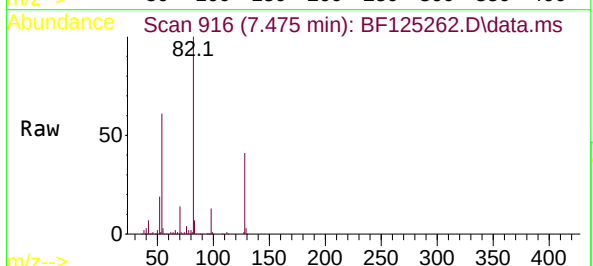
Delta R.T. 0.147 min

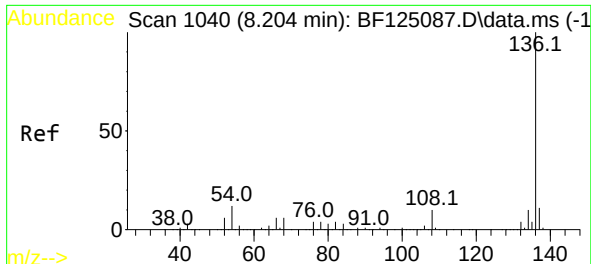
Lab File: BF125262.D

Acq: 30 Aug 2021 14:59

Tgt Ion: 70 Resp: 108959

Ion	Ratio	Lower	Upper
70	100		
42	48.6	72.2	108.2#
101	0.0	7.8	11.8#
130	1.7	21.8	32.6#



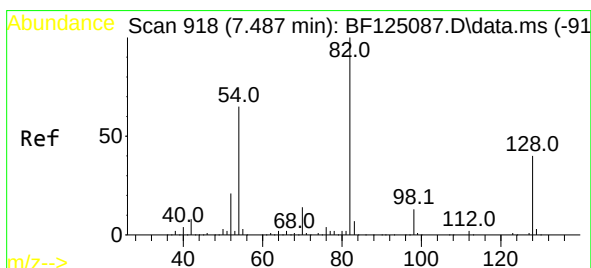
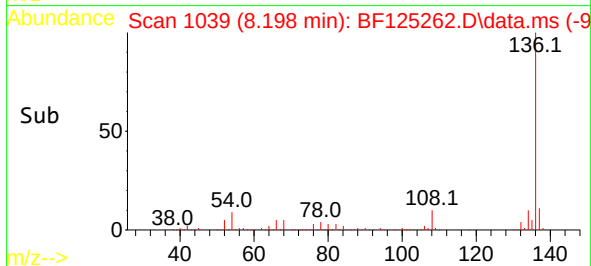
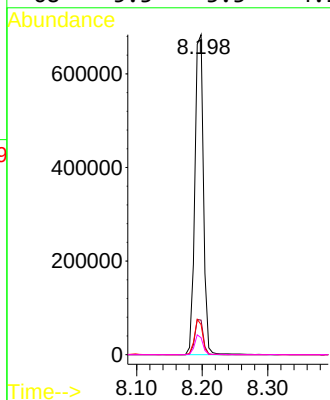
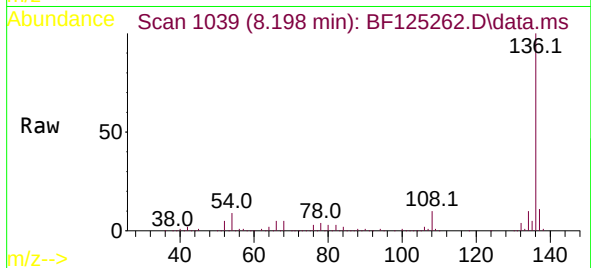


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

Instrument :
BNA_F
ClientSampleId :
VNJ-237

Tgt Ion:136 Resp: 623181

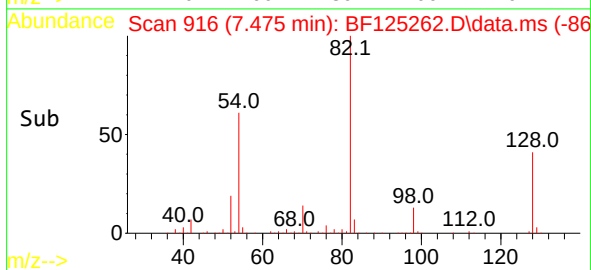
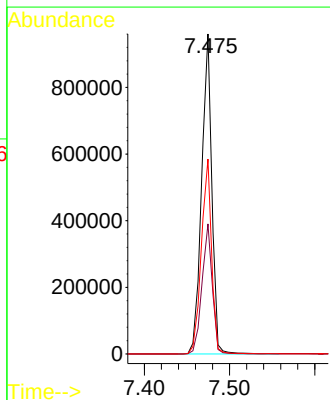
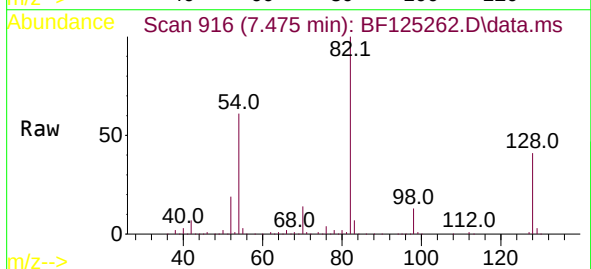
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	9.4	6.4	9.6
68	5.3	3.3	4.9

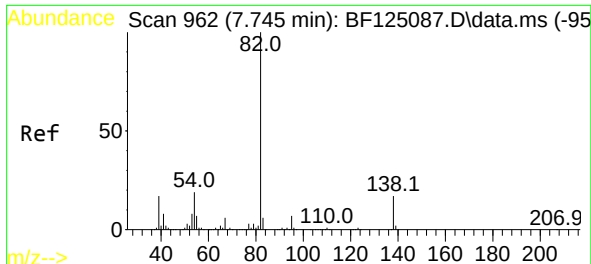


#23
Nitrobenzene-d5
Concen: 64.730 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

Tgt Ion: 82 Resp: 801263

Ion	Ratio	Lower	Upper
82	100		
128	40.6	40.6	60.8
54	60.9	49.6	74.4

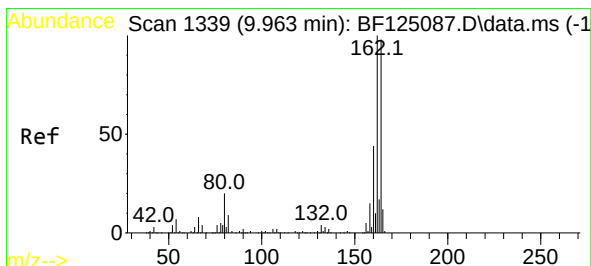
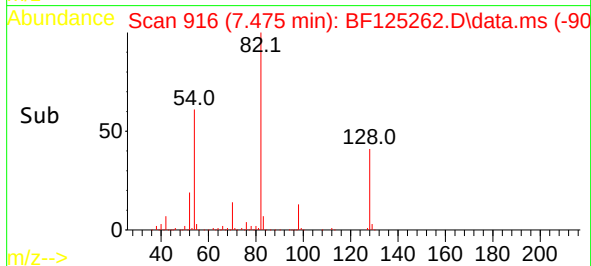
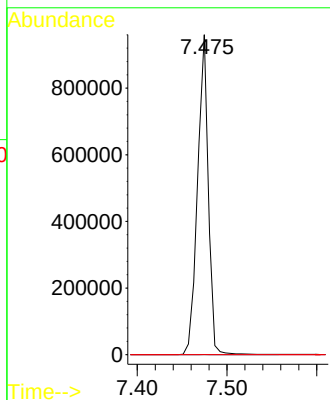
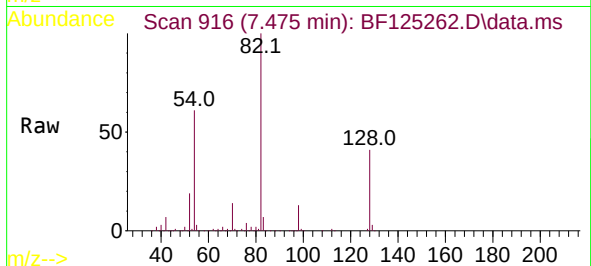




#25
Isophorone
Concen: 33.554 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

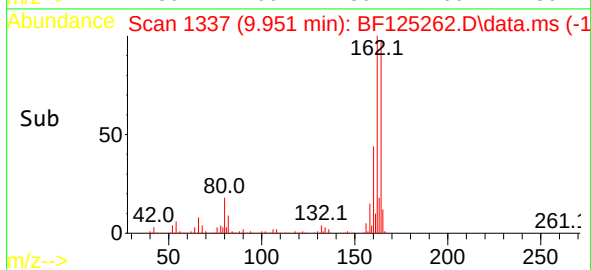
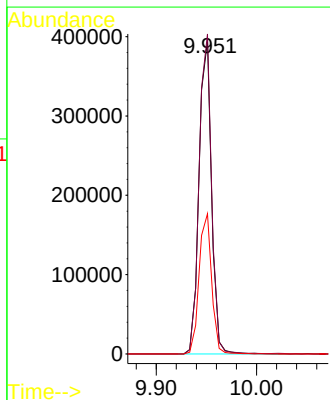
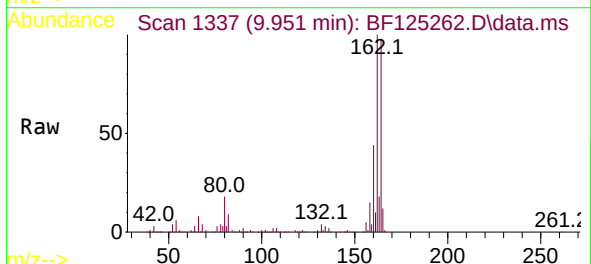
Instrument :
BNA_F
ClientSampleId :
VNJ-237

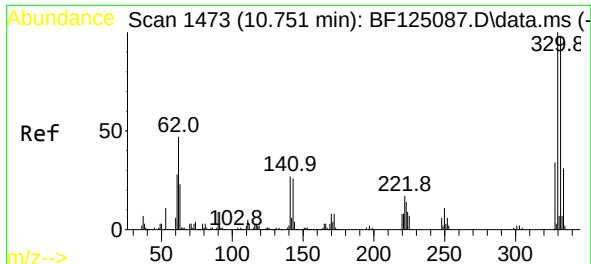
Tgt Ion: 82 Resp: 801251
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

Tgt Ion: 164 Resp: 343164
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 44.8 38.0 57.0

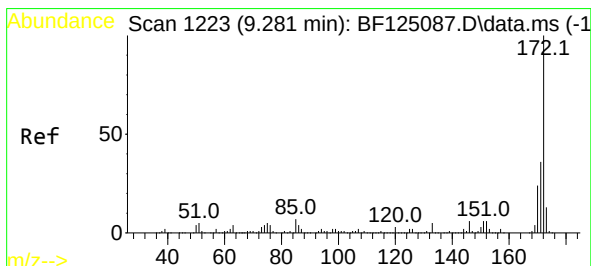
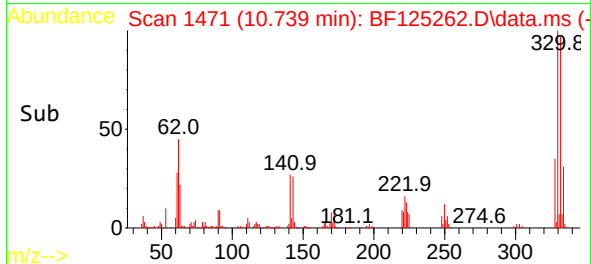
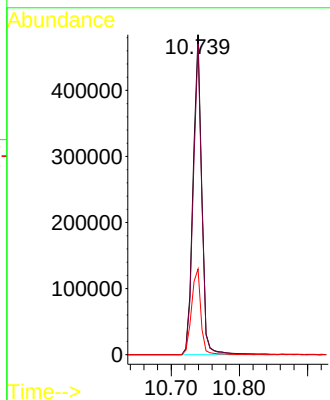
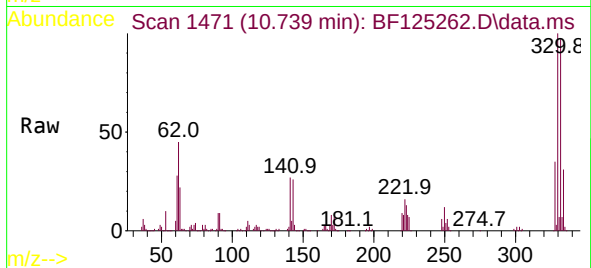




#42
2,4,6-Tribromophenol
Concen: 124.583 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

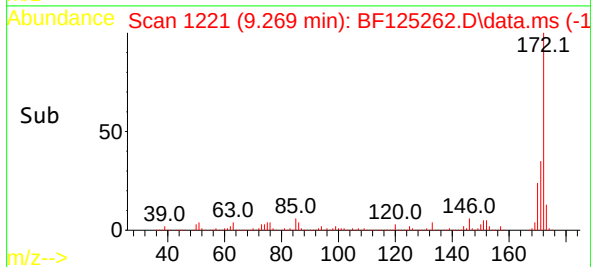
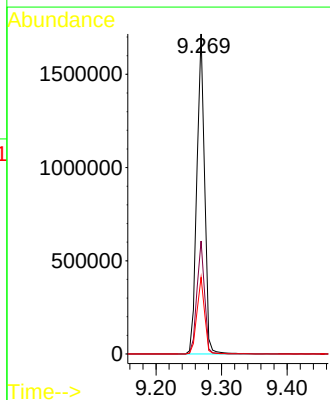
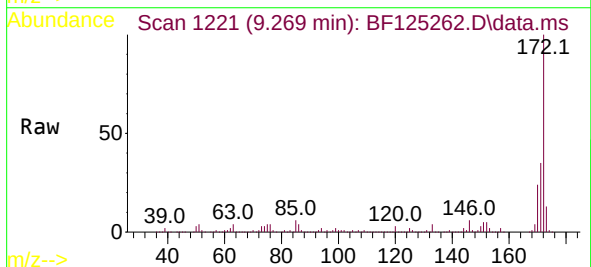
Instrument :
BNA_F
ClientSampleId :
VNJ-237

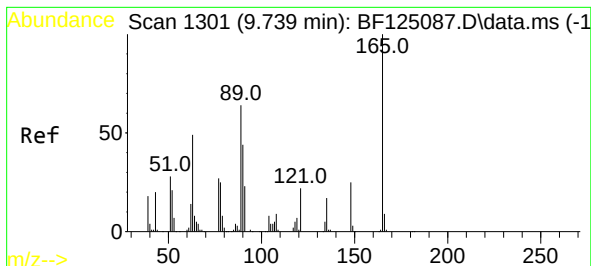
Tgt Ion:330 Resp: 426762
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 28.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 57.851 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

Tgt Ion:172 Resp: 1424411
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.9 18.8 28.2

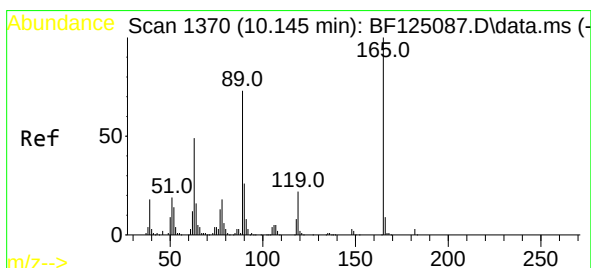
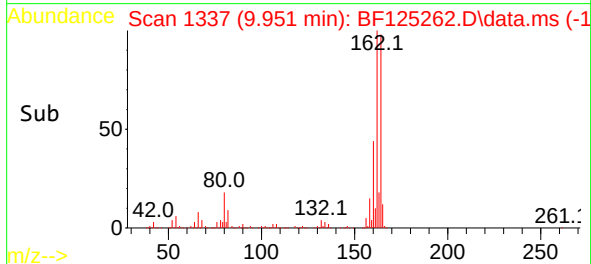
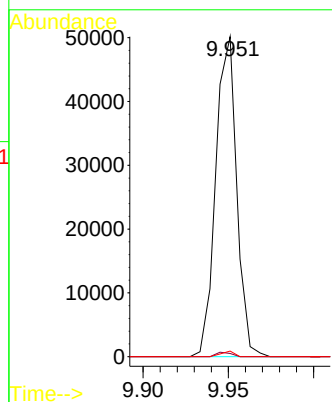
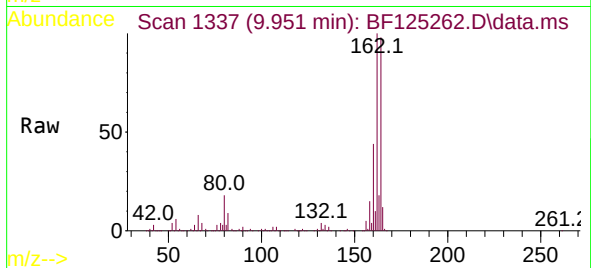




#51
2,6-Dinitrotoluene
Concen: 8.332 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

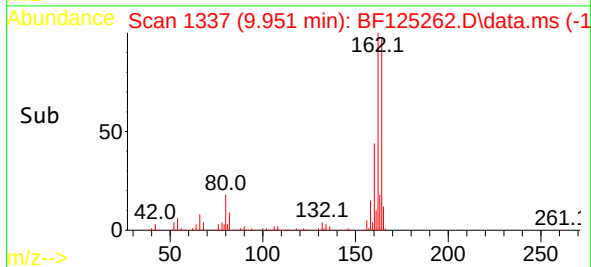
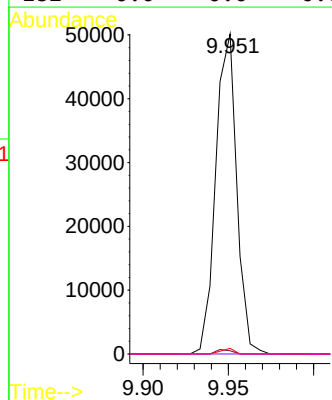
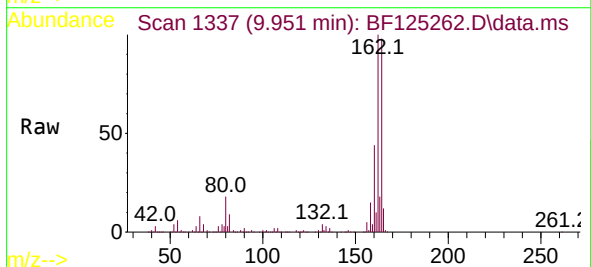
Instrument :
BNA_F
ClientSampled :
VNJ-237

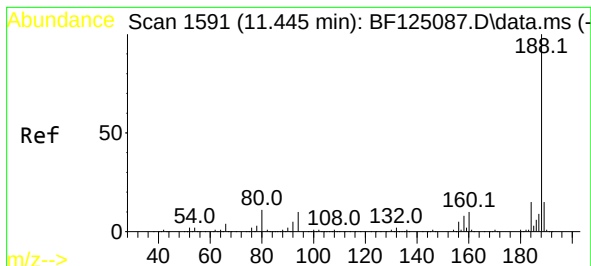
Tgt Ion:165 Resp: 42964
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

Tgt Ion:165 Resp: 42964
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF125262.D

Acq: 30 Aug 2021 14:59

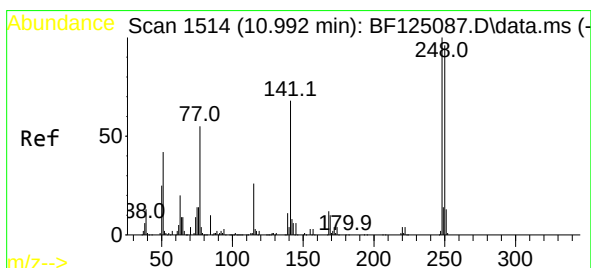
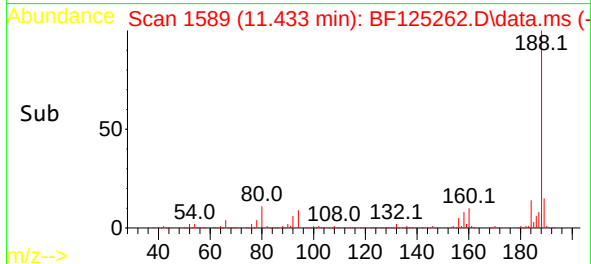
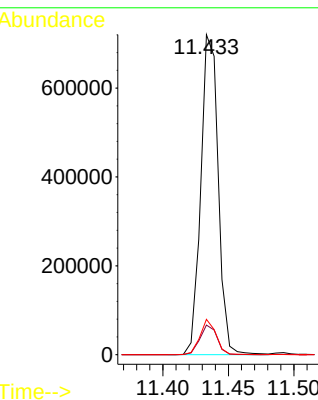
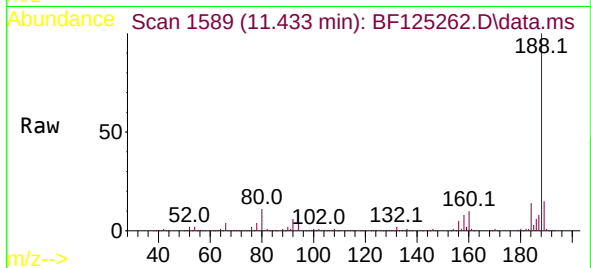
Tgt Ion:188 Resp: 665327

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

80 11.0 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 3.280 ng

RT: 10.739 min Scan# 1471

Delta R.T. -0.241 min

Lab File: BF125262.D

Acq: 30 Aug 2021 14:59

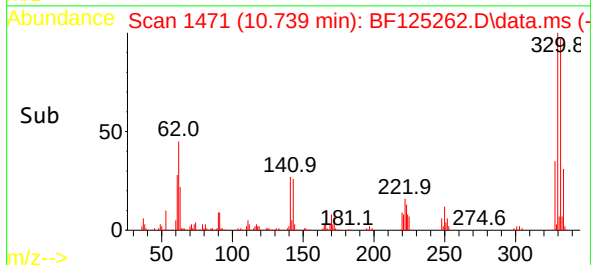
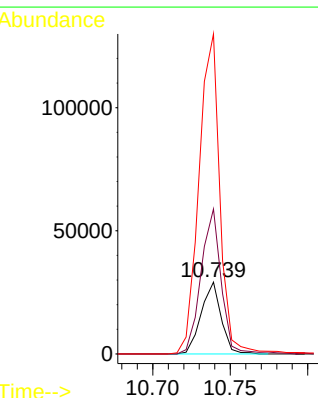
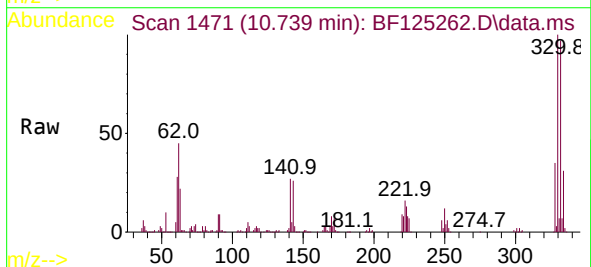
Tgt Ion:248 Resp: 26202

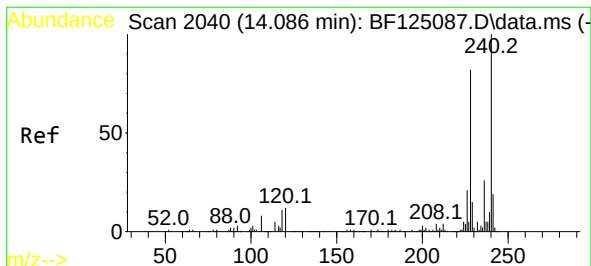
Ion Ratio Lower Upper

248 100

250 201.6 74.2 111.4#

141 444.9 60.4 90.6#

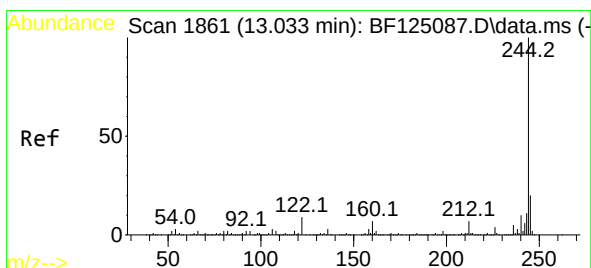
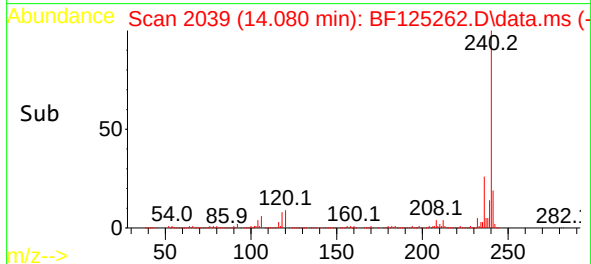
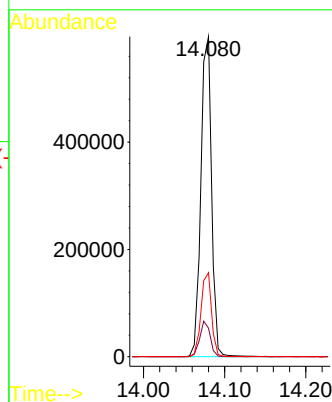
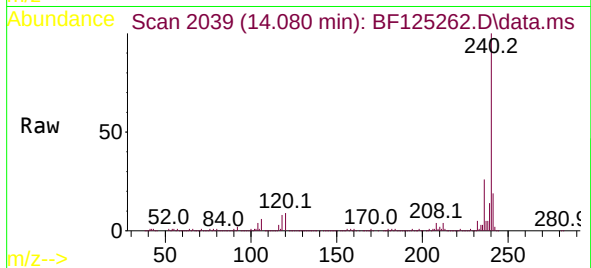




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

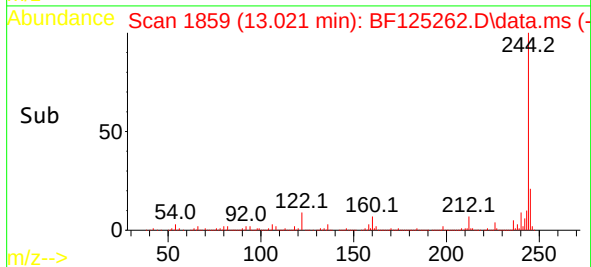
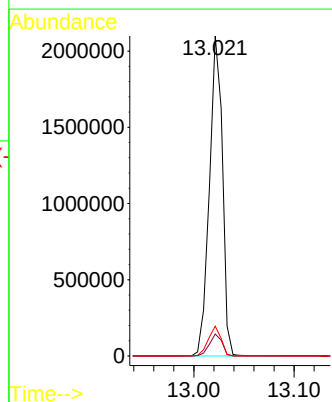
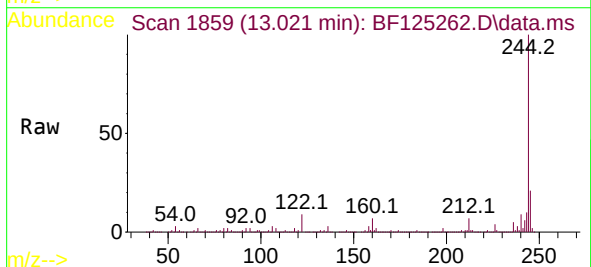
Instrument :
BNA_F
ClientSampleId :
VNJ-237

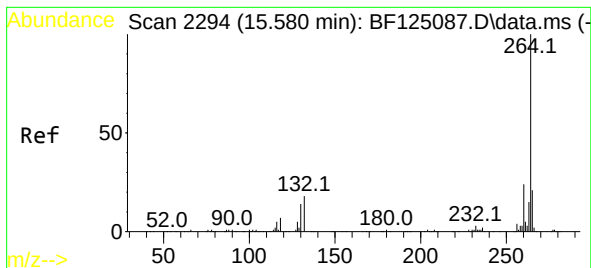
Tgt Ion:240 Resp: 548346
Ion Ratio Lower Upper
240 100
120 8.9 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 55.241 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125262.D
Acq: 30 Aug 2021 14:59

Tgt Ion:244 Resp: 1901405
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: BF125262.D
 Acq: 30 Aug 2021 14:59

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-237

Tgt Ion:264 Resp: 416375
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.6 17.2 25.8

