

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125134.D
 Acq On : 20 Aug 2021 14:45
 Operator : JU/CG
 Sample : M3449-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-4

Quant Time: Aug 20 18:32:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

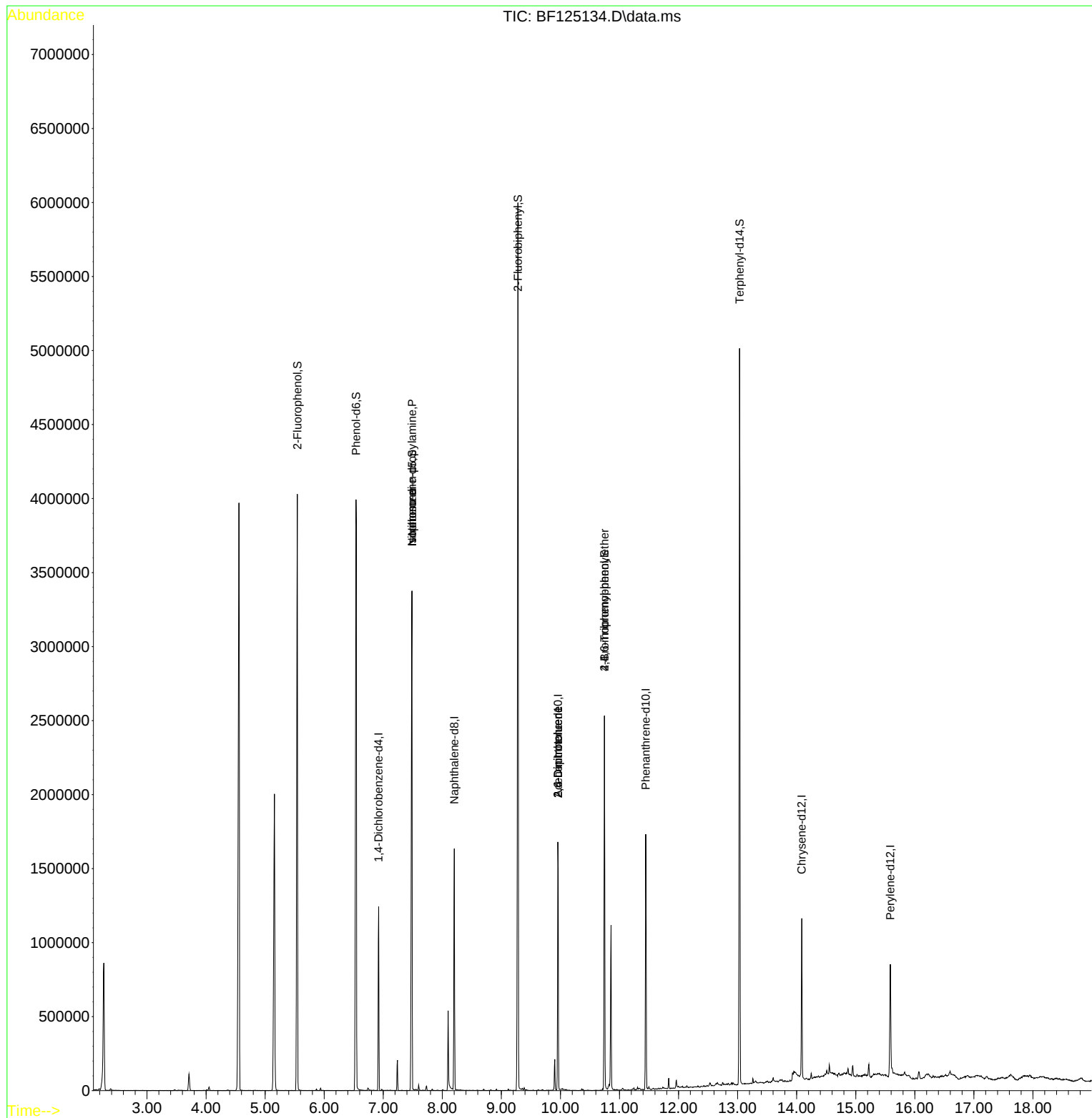
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	168948	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	655128	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	343034	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	571573	20.000	ng	0.00
76) Chrysene-d12	14.086	240	354281	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	333873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1029483	92.231	ng	0.01
7) Phenol-d6	6.539	99	1539447	106.639	ng	0.00
23) Nitrobenzene-d5	7.486	82	1138800	87.512	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	285076	83.252	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2003623	81.406	ng	0.00
79) Terphenyl-d14	13.033	244	1835334	82.529	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.486	70	158924	18.303	ng	# 58
25) Isophorone	7.486	82	1132811	45.125	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	44450	8.623	ng	# 27
57) 2,4-Dinitrotoluene	9.957	165	44450	7.125	ng	# 19
67) 4-Bromophenyl-phenylether	10.745	248	18541	2.701	ng	# 1

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

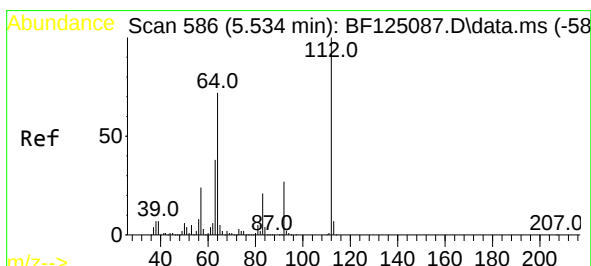
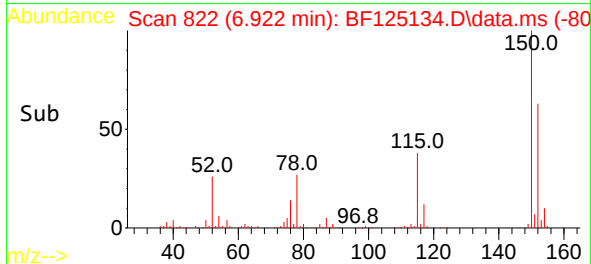
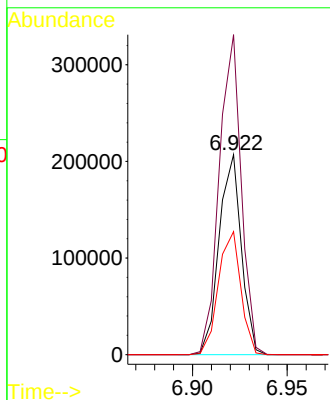
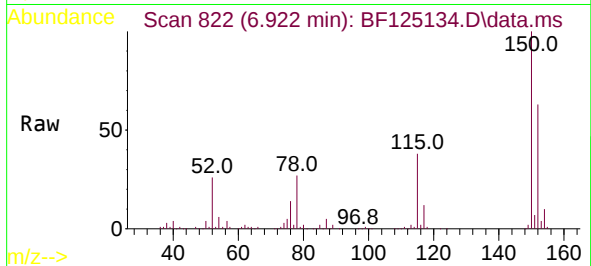




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

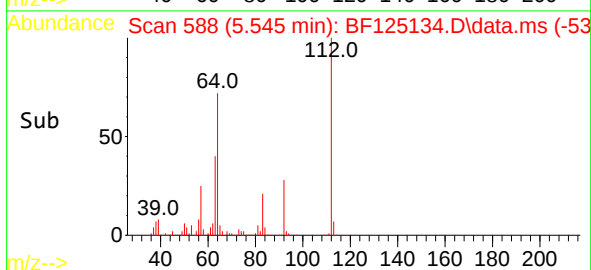
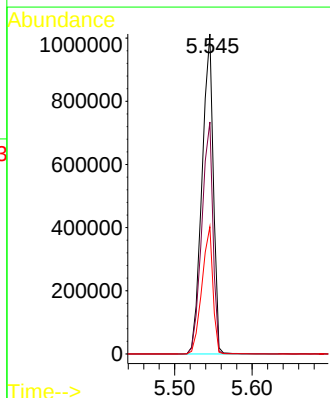
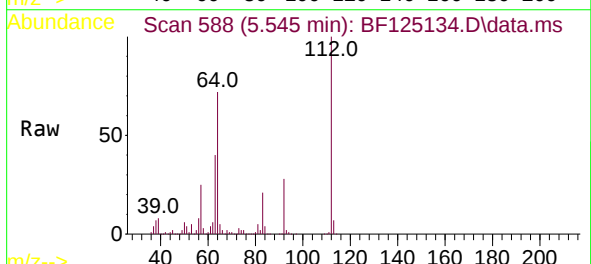
Instrument :
BNA_F
ClientSampleId :
CON-4

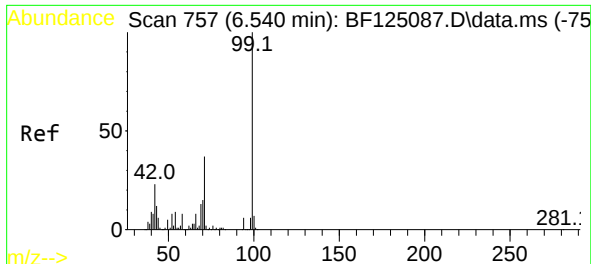
Tgt Ion:152 Resp: 168948
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 92.231 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.012 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

Tgt Ion:112 Resp: 1029483
Ion Ratio Lower Upper
112 100
64 72.5 44.2 66.2#
63 39.8 26.2 39.2#



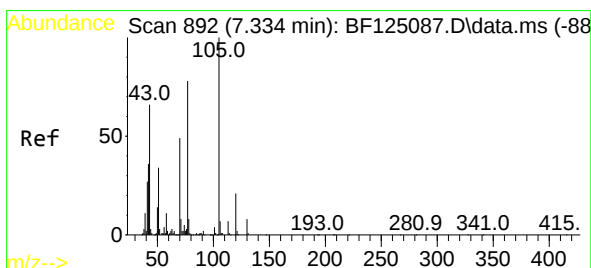
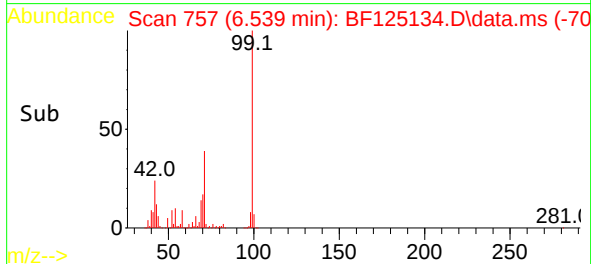
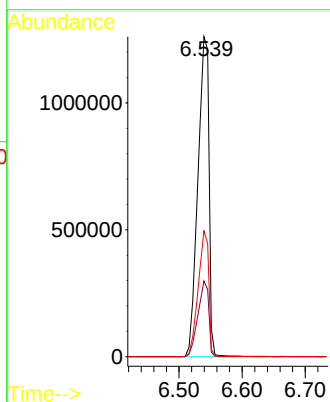
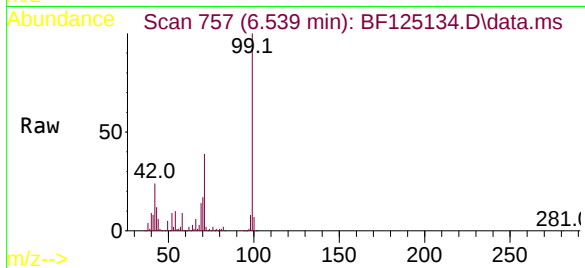


#7
Phenol-d6
Concen: 106.639 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

Instrument :
BNA_F
ClientSampleId :
CON-4

Tgt Ion: 99 Resp: 1539447

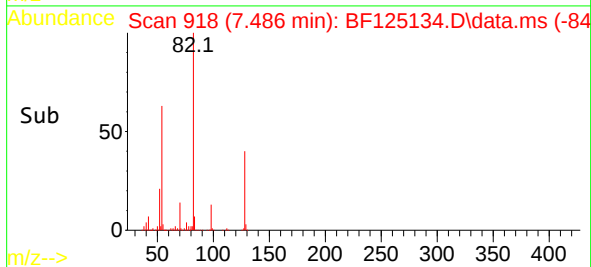
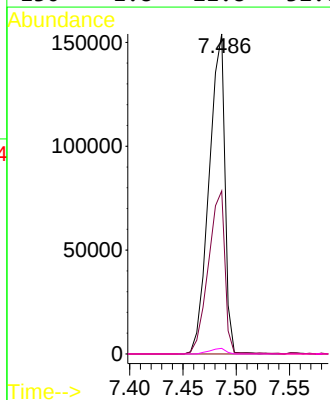
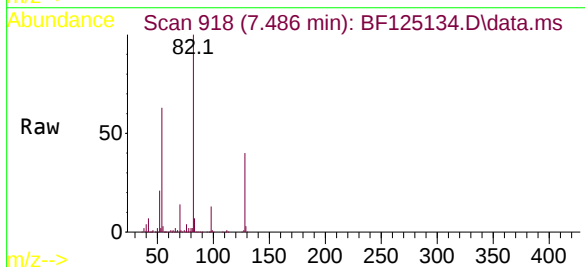
Ion	Ratio	Lower	Upper
99	100		
42	23.6	23.5	35.3
71	39.3	25.6	38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 18.303 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.153 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

Tgt Ion: 70 Resp: 158924

Ion	Ratio	Lower	Upper
70	100		
42	50.9	72.2	108.2#
101	0.0	7.8	11.8#
130	1.8	21.8	32.6#

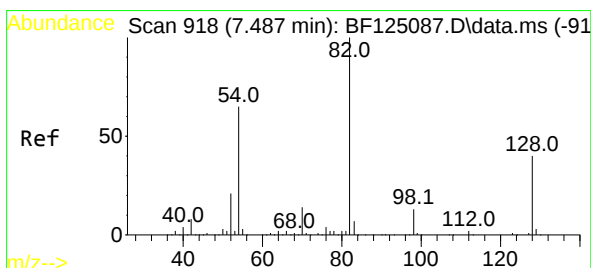
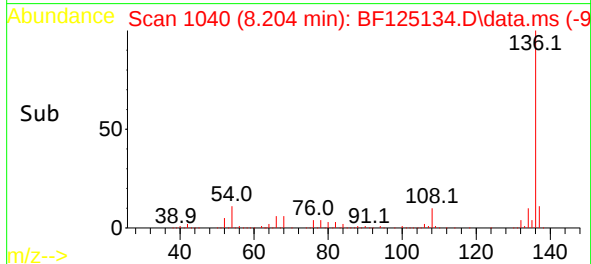
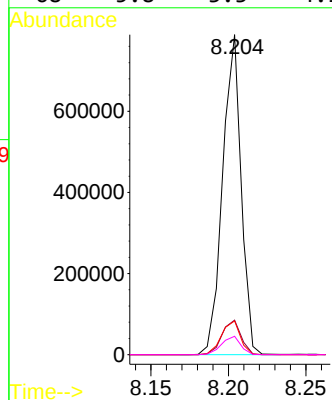
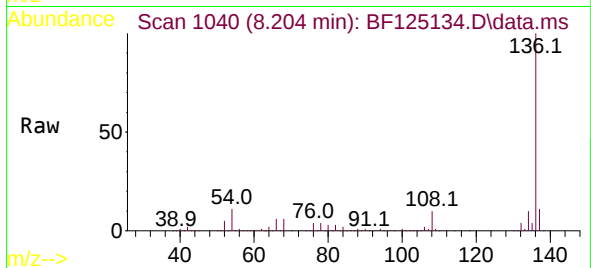




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

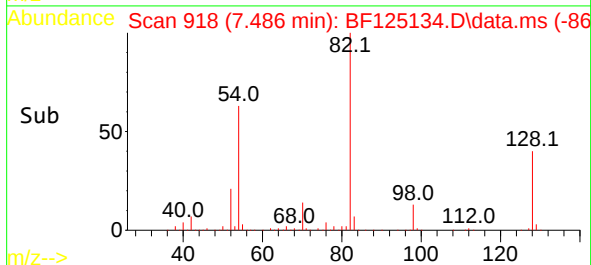
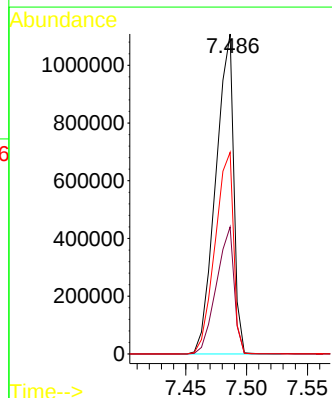
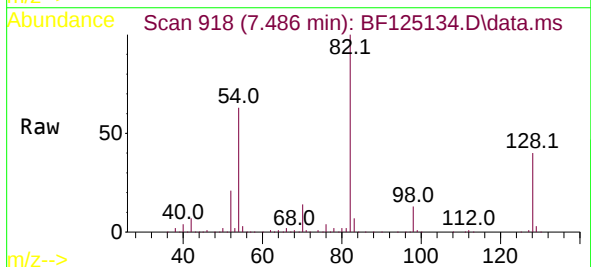
Instrument :
BNA_F
ClientSampled :
CON-4

Tgt Ion:	136	Resp:	655128
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	10.5	6.4	9.6#
68	5.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 87.512 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

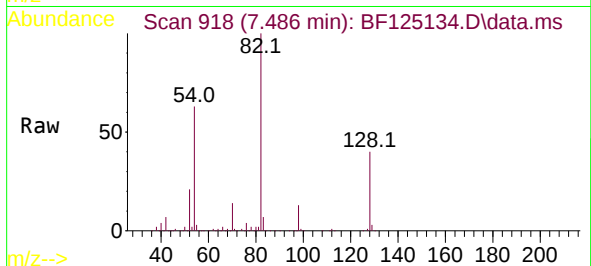
Tgt Ion:	82	Resp:	1138800
Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.6	60.8#
54	63.0	49.6	74.4



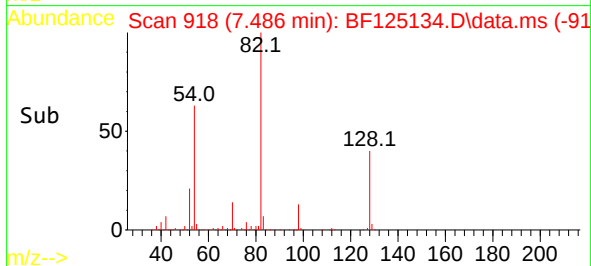
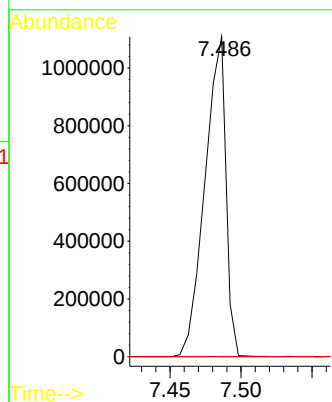


#25
Isophorone
Concen: 45.125 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.259 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

Instrument :
BNA_F
ClientSampleId :
CON-4

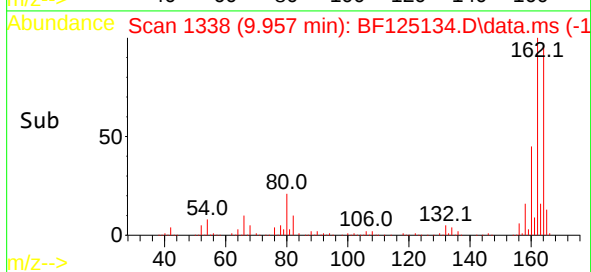
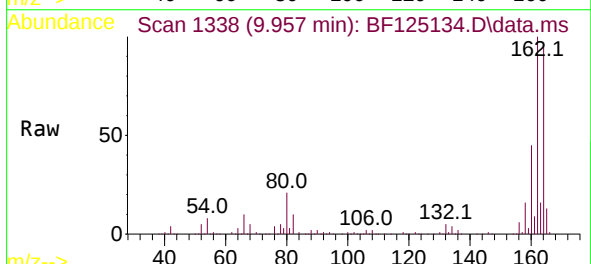
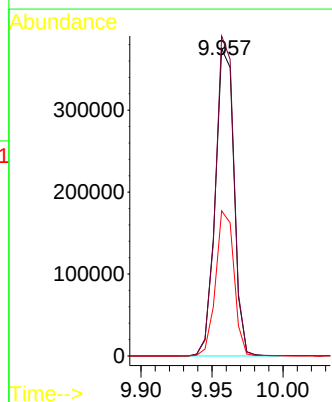


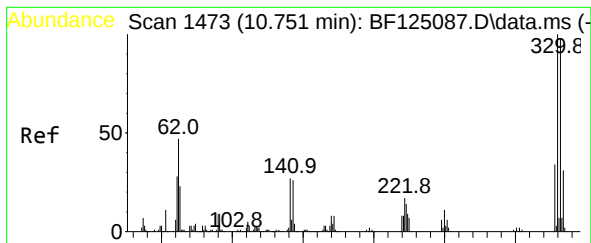
Tgt Ion: 82 Resp: 1132811
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

Tgt Ion: 164 Resp: 343034
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 47.2 38.0 57.0

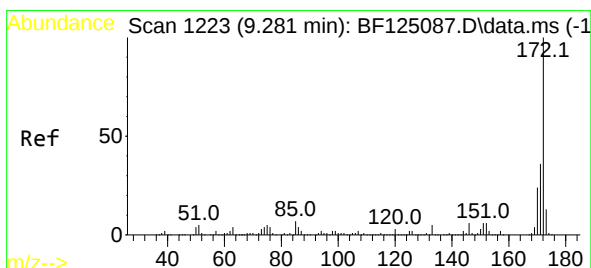
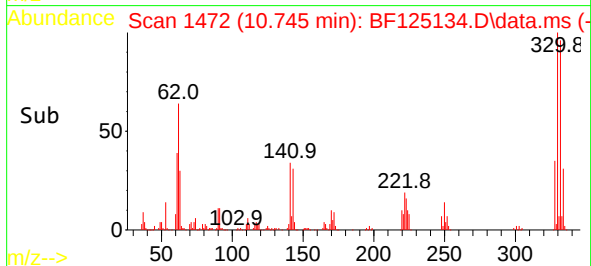
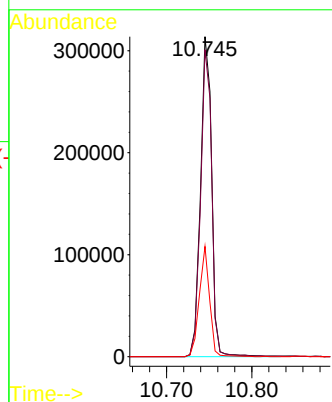
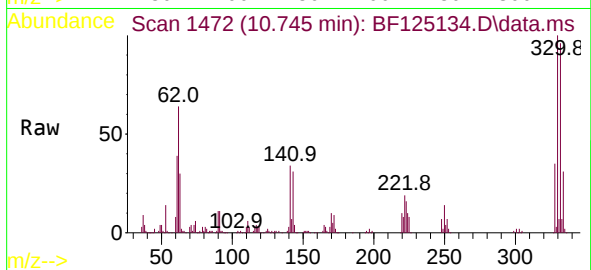




#42
2,4,6-Tribromophenol
Concen: 83.252 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

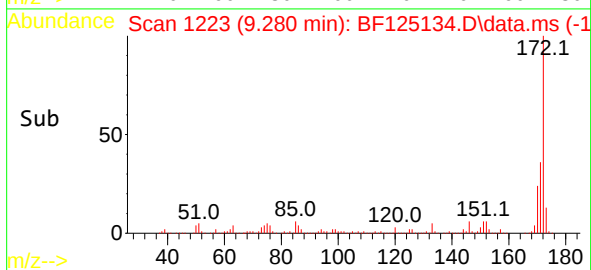
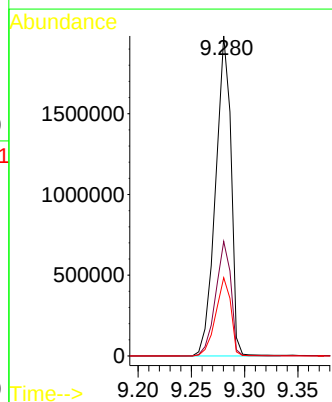
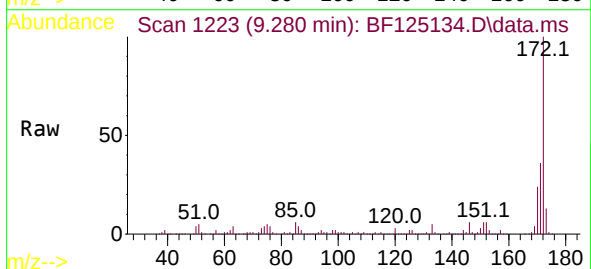
Instrument :
BNA_F
ClientSampled :
CON-4

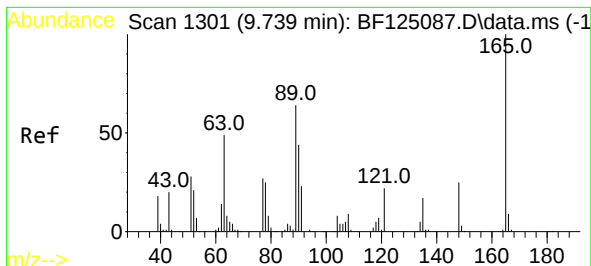
Tgt Ion: 330 Resp: 285076
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 31.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.406 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

Tgt Ion: 172 Resp: 2003623
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.5 18.8 28.2

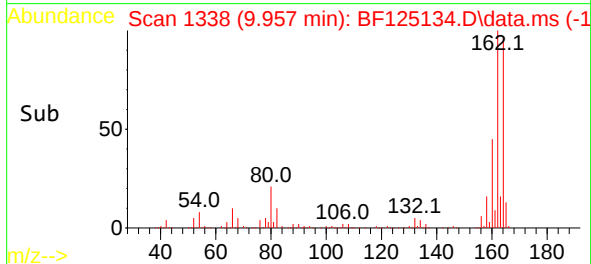
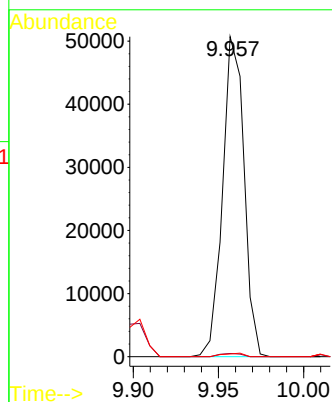
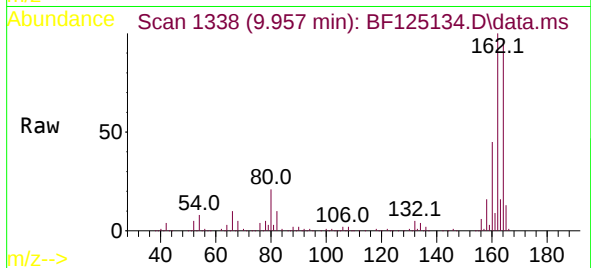




#51
2,6-Dinitrotoluene
Concen: 8.623 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

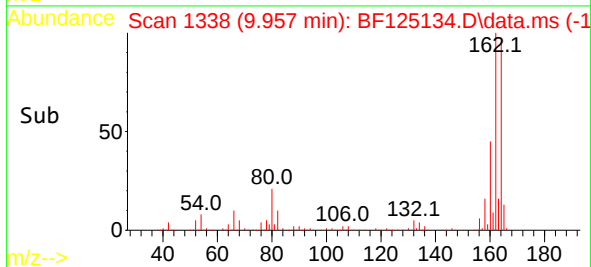
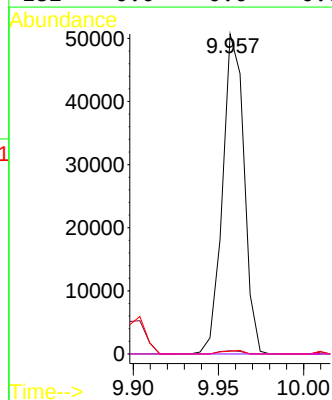
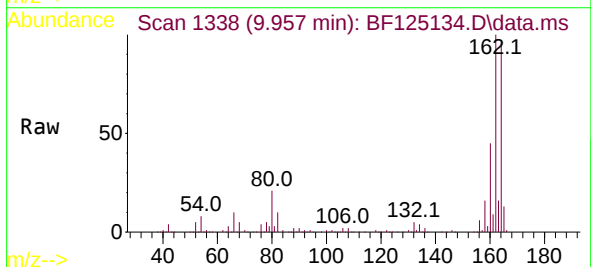
Instrument :
BNA_F
ClientSampled :
CON-4

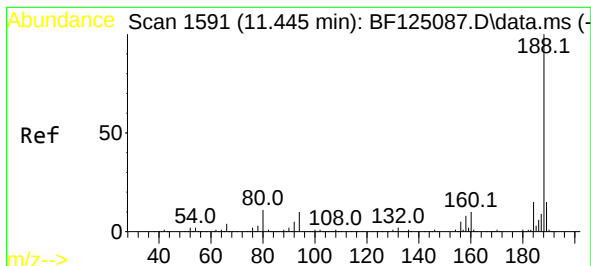
Tgt Ion:165 Resp: 44450
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.125 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

Tgt Ion:165 Resp: 44450
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

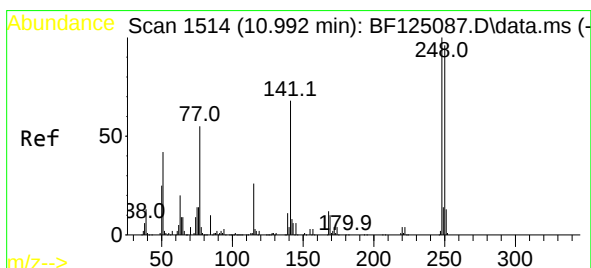
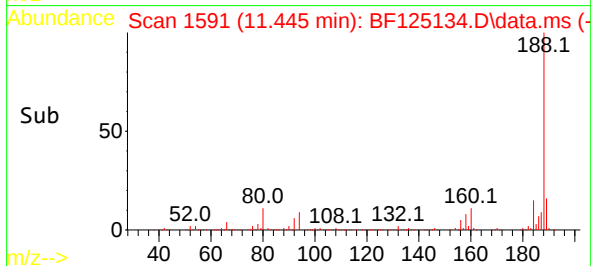
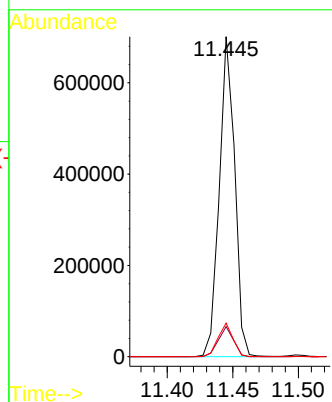
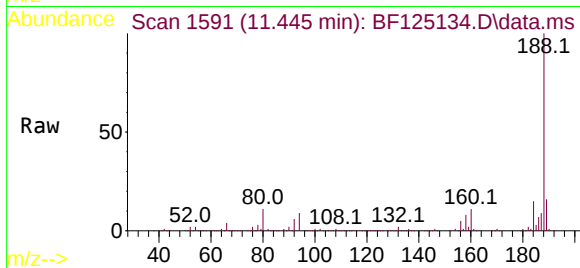




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

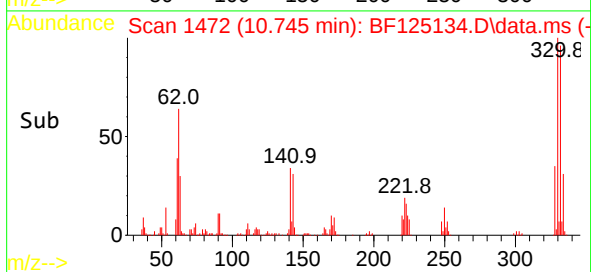
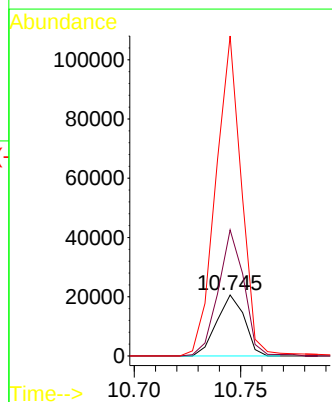
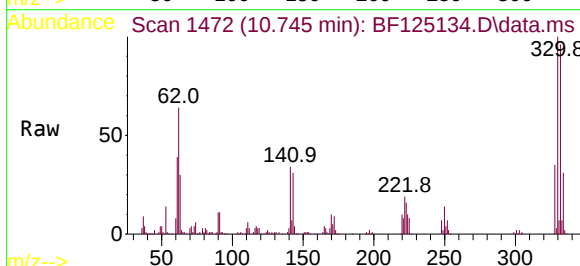
Instrument :
BNA_F
ClientSampleId :
CON-4

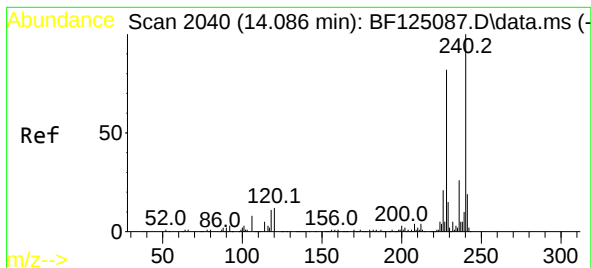
Tgt Ion:188 Resp: 571573
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.701 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

Tgt Ion:248 Resp: 18541
Ion Ratio Lower Upper
248 100
250 206.6 74.2 111.4#
141 524.6 60.4 90.6#

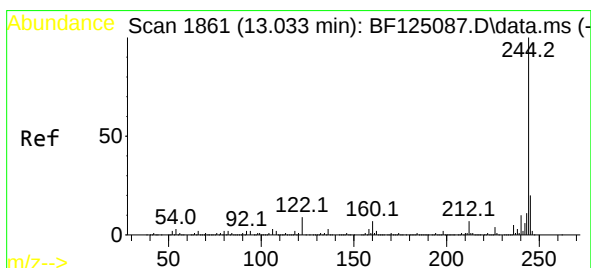
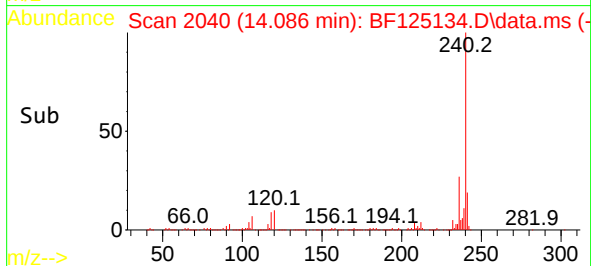
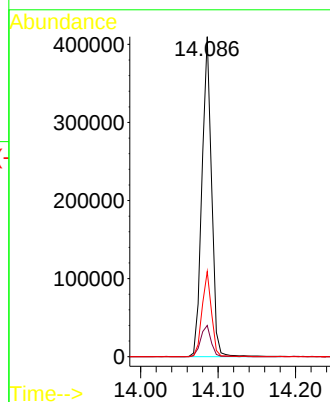
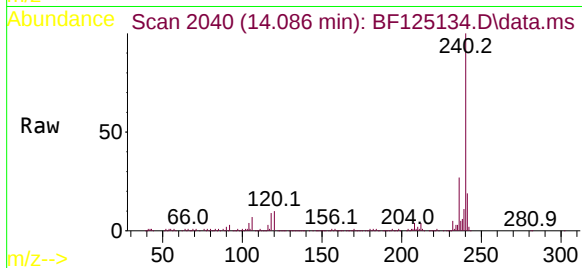




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

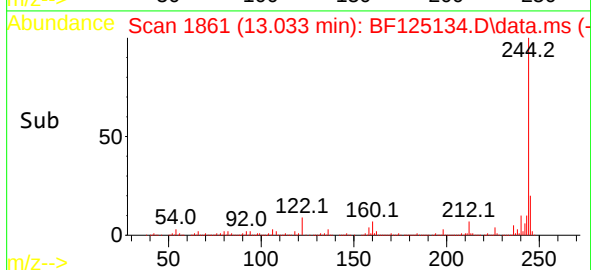
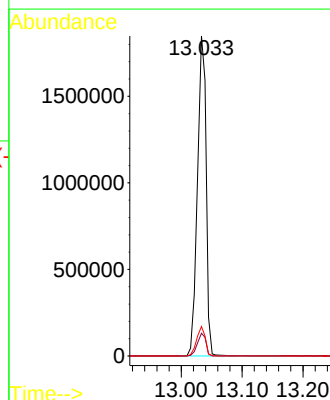
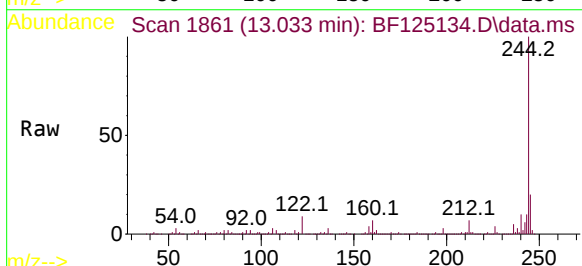
Instrument :
BNA_F
ClientSampled :
CON-4

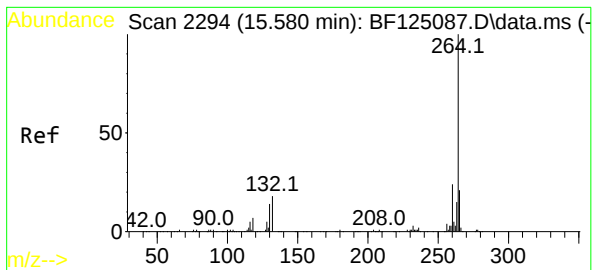
Tgt Ion:240 Resp: 354281
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 26.6 21.6 32.4



#79
Terphenyl-d14
Concen: 82.529 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125134.D
Acq: 20 Aug 2021 14:45

Tgt Ion:244 Resp: 1835334
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.006 min
 Lab File: BF125134.D
 Acq: 20 Aug 2021 14:45

Instrument :
 BNA_F
 ClientSampleId :
 CON-4

Tgt Ion:264 Resp: 333873
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.0 17.2 25.8

