

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122725.D
 Acq On : 15 Dec 2020 20:14
 Operator : JU/CG
 Sample : L5059-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CALTANK2-20201209

Quant Time: Dec 16 01:55:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

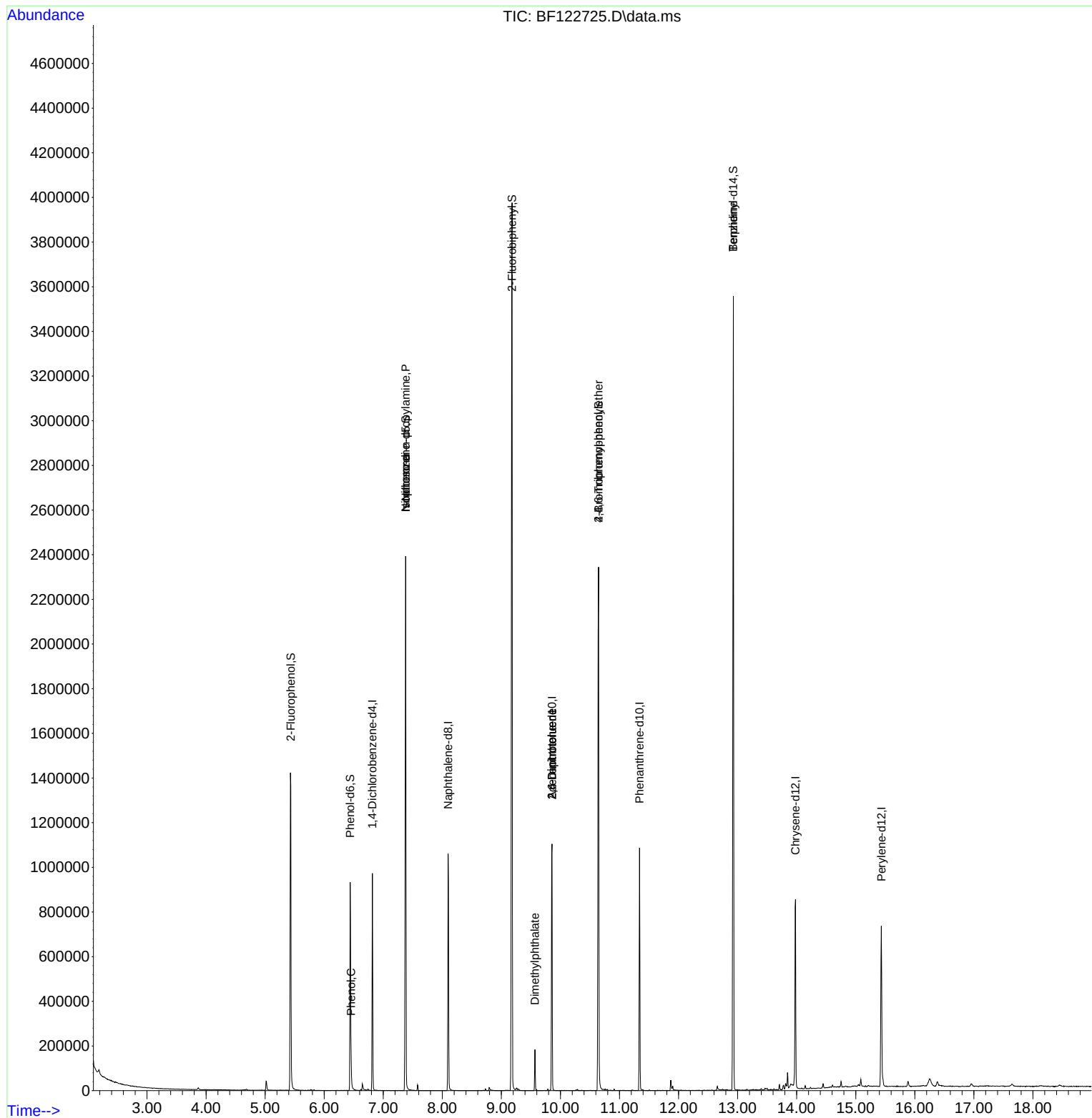
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	135729	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	502932	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	237144	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	372455	20.00	ng	0.00
76) Chrysene-d12	13.980	240	305107	20.00	ng	0.00
86) Perylene-d12	15.433	264	331086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	441944	51.55	ng	0.00
7) Phenol-d6	6.439	99	319107	28.06	ng	-0.02
23) Nitrobenzene-d5	7.381	82	785998	78.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	336424	108.38	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1351845	77.10	ng	0.00
79) Terphenyl-d14	12.927	244	1118518	64.17	ng	0.00
Target Compounds						
10) Phenol	6.457	94	32703	2.78	ng	Qvalue 89
19) n-Nitroso-di-n-propyla...	7.381	70	102851	15.79	ng	# 77
25) Isophorone	7.381	82	785992	45.46	ng	# 65
50) Dimethylphthalate	9.569	163	66399	3.51	ng	98
51) 2,6-Dinitrotoluene	9.857	165	30145	7.54	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	30145	5.66	ng	# 26
67) 4-Bromophenyl-phenylether	10.645	248	21138	4.19	ng	# 1
77) Benzidine	12.927	184	13719	2.08	ng	# 93

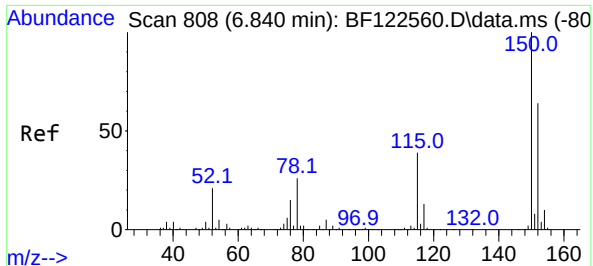
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Dec 16 01:55:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
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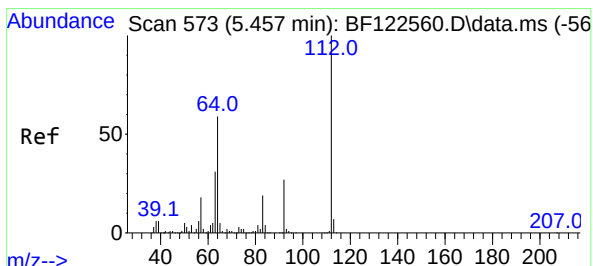
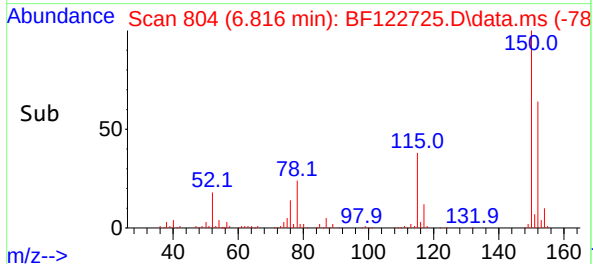
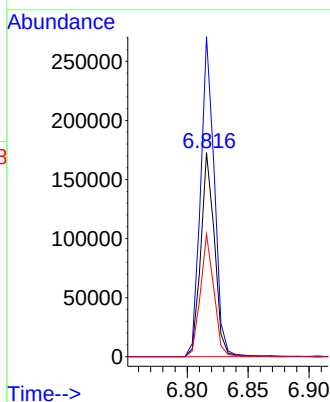
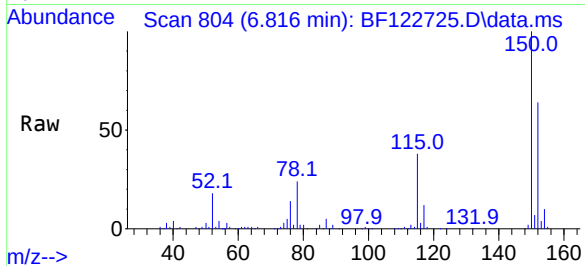




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

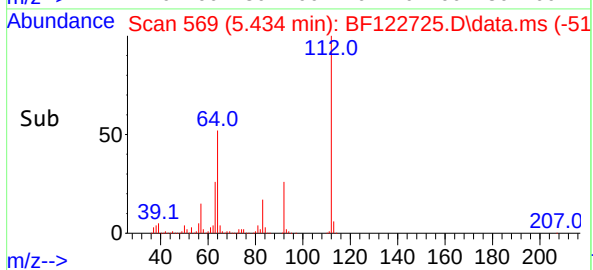
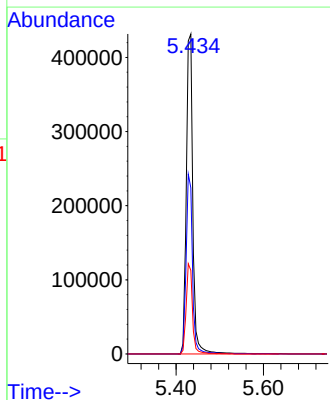
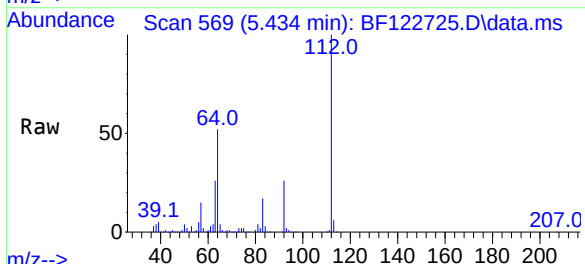
Instrument :
BNA_F
ClientSampleId :
CALTANK2-20201209

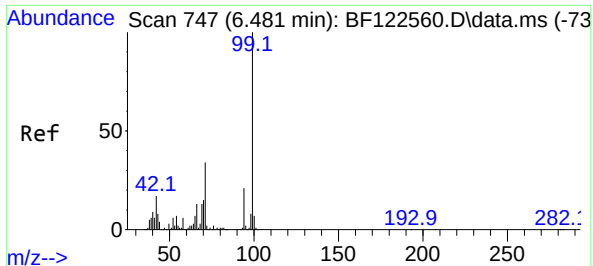
Tgt Ion:152 Resp: 135729
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 60.1 49.3 73.9



#5
2-Fluorophenol
Concen: 51.55 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

Tgt Ion:112 Resp: 441944
Ion Ratio Lower Upper
112 100
64 51.9 46.9 70.3
63 26.1 24.5 36.7

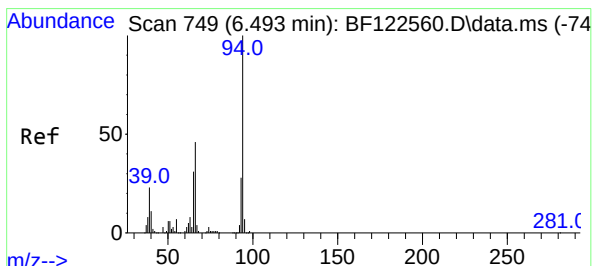
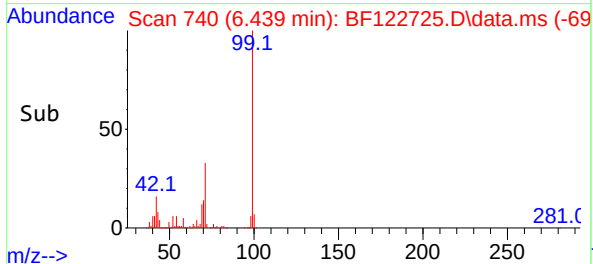
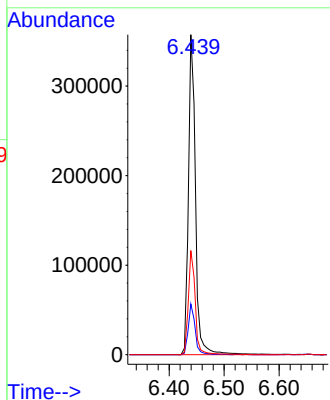
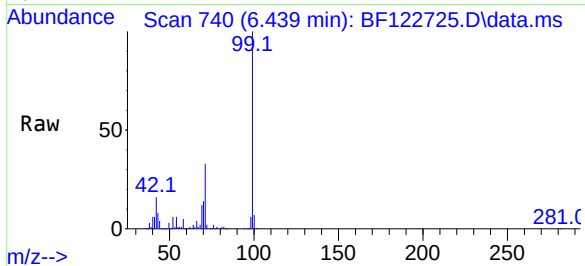




#7
Phenol-d6
Concen: 28.06 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

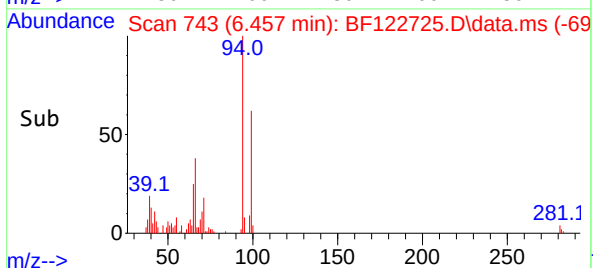
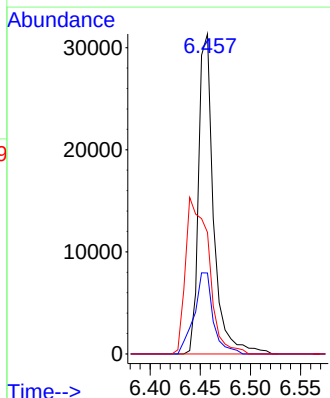
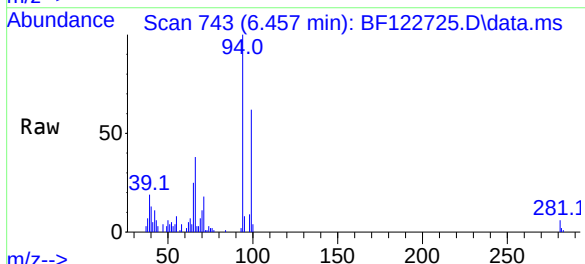
Instrument :
BNA_F
ClientSampleId :
CALTANK2-20201209

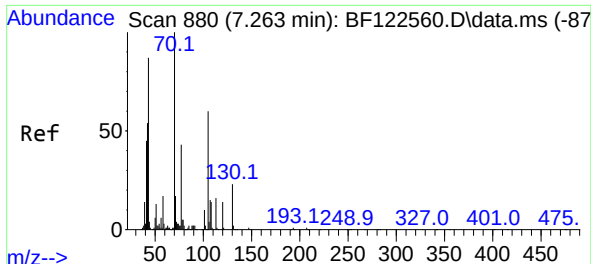
Tgt Ion: 99 Resp: 319107
Ion Ratio Lower Upper
99 100
42 15.9 13.8 20.6
71 32.6 26.9 40.3



#10
Phenol
Concen: 2.78 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

Tgt Ion: 94 Resp: 32703
Ion Ratio Lower Upper
94 100
65 25.3 11.2 51.2
66 38.0 25.8 65.8

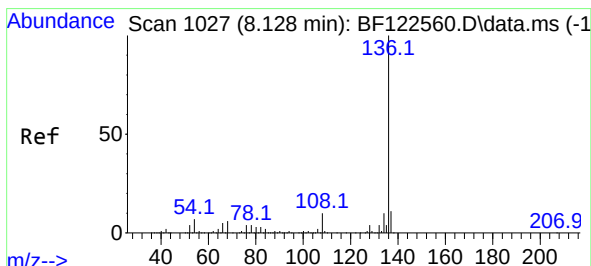
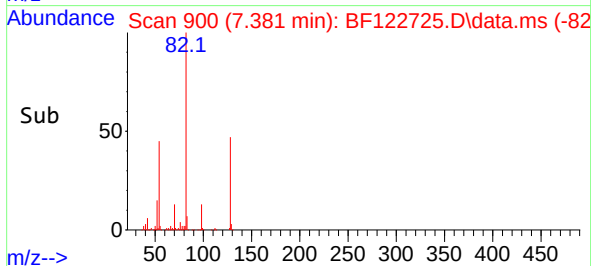
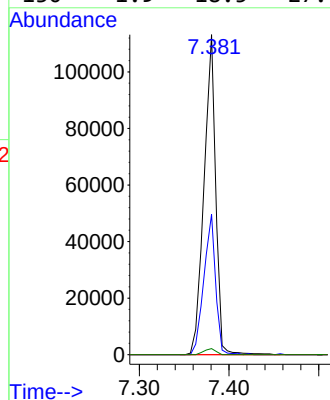
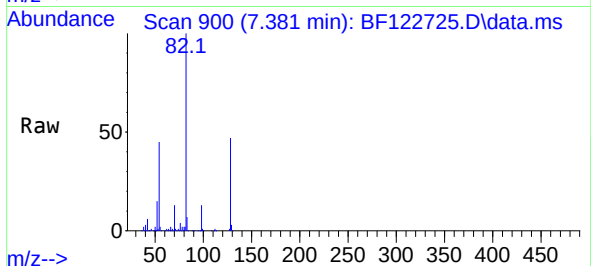




#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

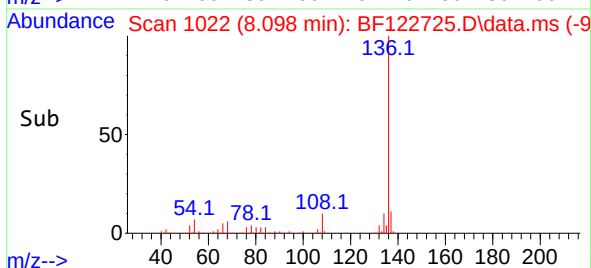
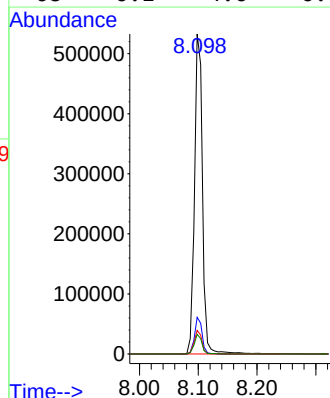
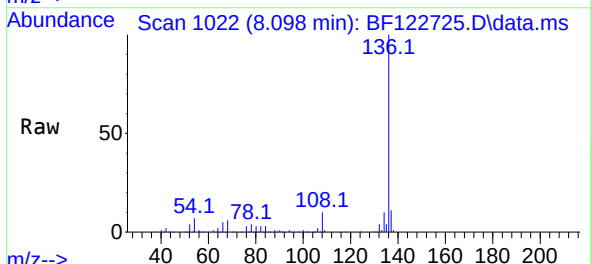
Instrument :
BNA_F
ClientSampleId :
CALTANK2-20201209

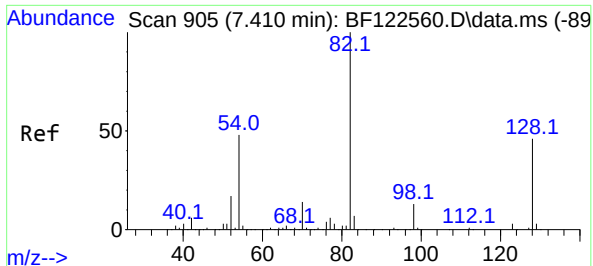
Tgt Ion: 70 Resp: 102851
Ion Ratio Lower Upper
70 100
42 43.9 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

Tgt Ion: 136 Resp: 502932
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.3 5.5 8.3
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 78.30 ng

RT: 7.381 min Scan# 900

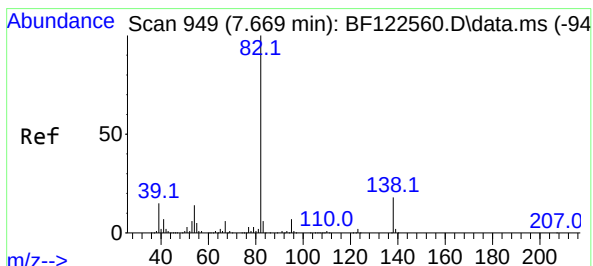
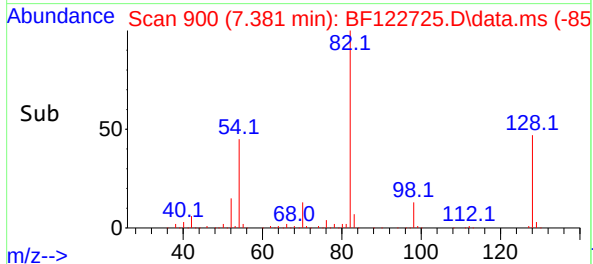
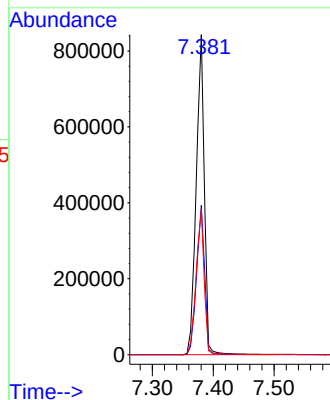
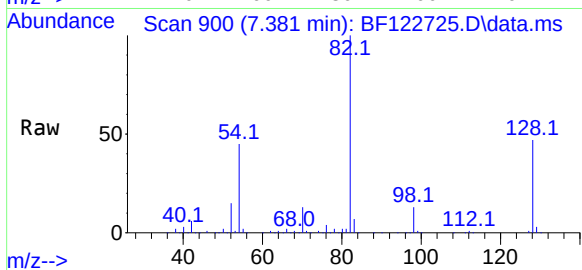
Delta R.T. -0.012 min

Lab File: BF122725.D

Acq: 15 Dec 2020 20:14

Tgt Ion: 82 Resp: 785998

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.0	55.4
54	45.3	38.4	57.6



#25

Isophorone

Concen: 45.46 ng

RT: 7.381 min Scan# 900

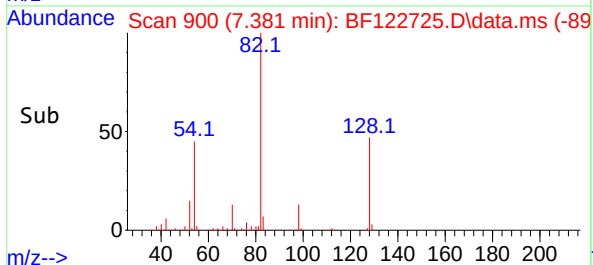
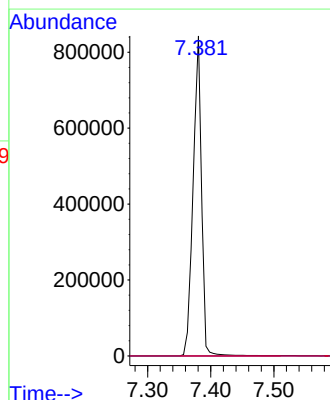
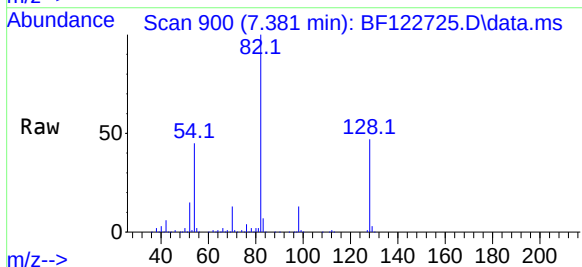
Delta R.T. -0.265 min

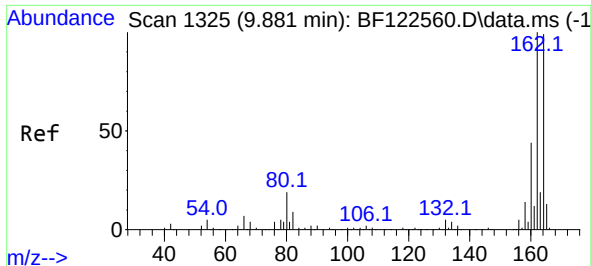
Lab File: BF122725.D

Acq: 15 Dec 2020 20:14

Tgt Ion: 82 Resp: 785992

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF122725.D

Acq: 15 Dec 2020 20:14

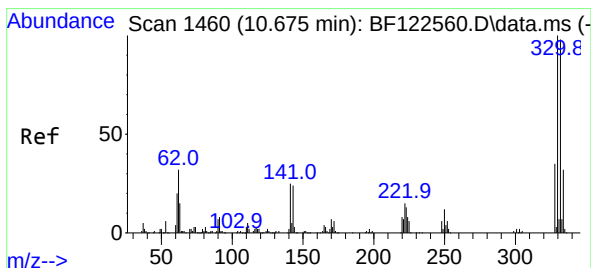
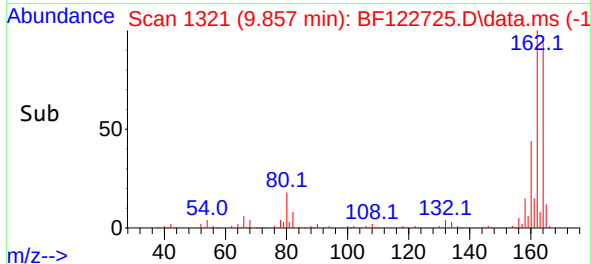
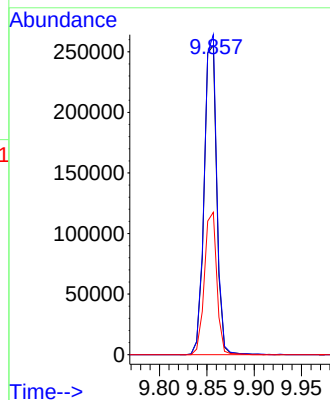
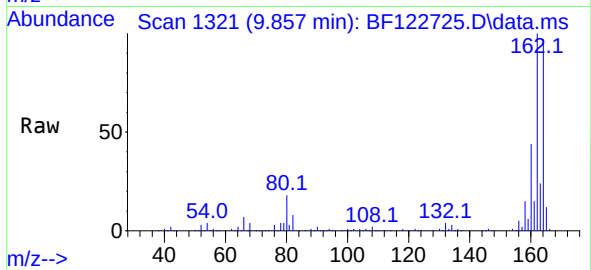
Tgt Ion:164 Resp: 237144

Ion Ratio Lower Upper

164 100

162 103.5 80.8 121.2

160 46.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 108.38 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF122725.D

Acq: 15 Dec 2020 20:14

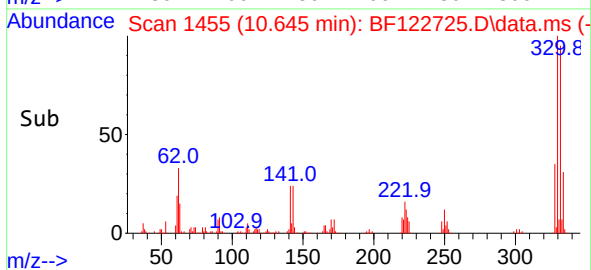
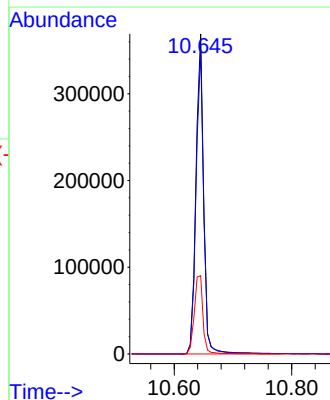
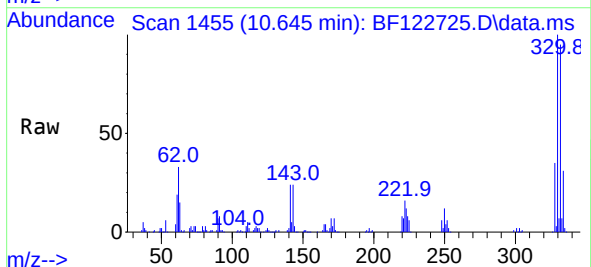
Tgt Ion:330 Resp: 336424

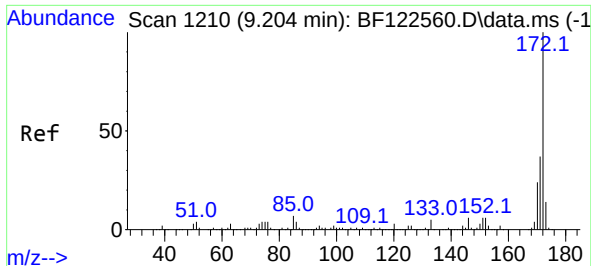
Ion Ratio Lower Upper

330 100

332 95.1 77.5 116.3

141 27.8 23.8 35.8

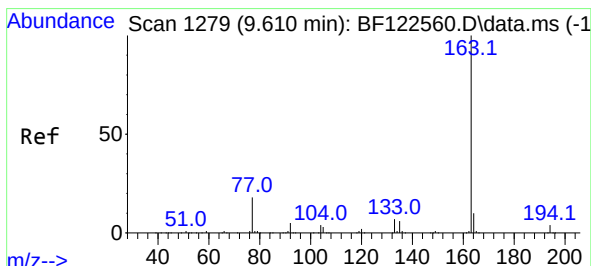
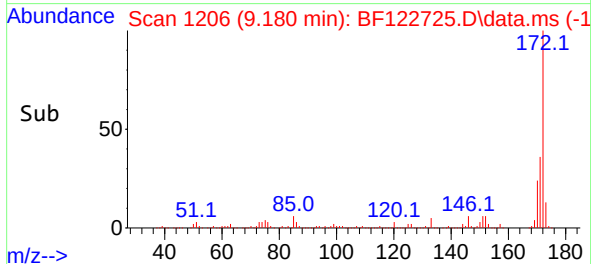
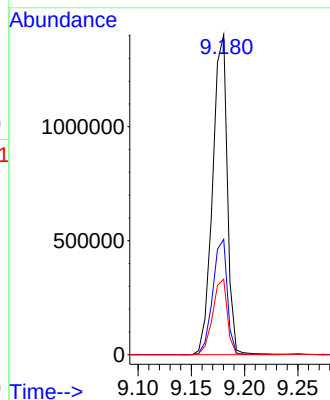
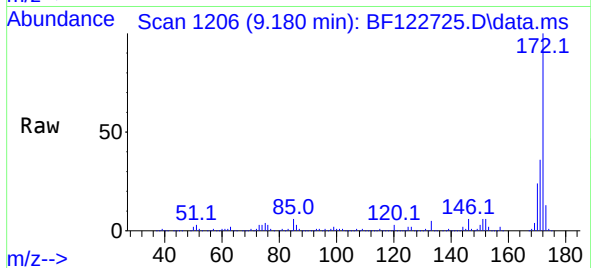




#45
2-Fluorobiphenyl
Concen: 77.10 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

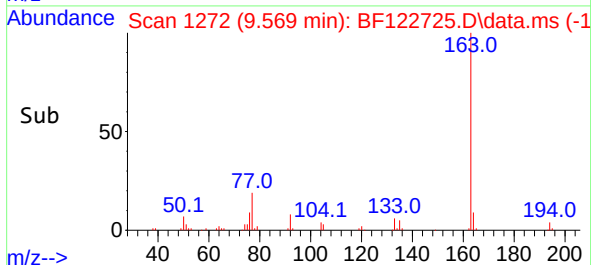
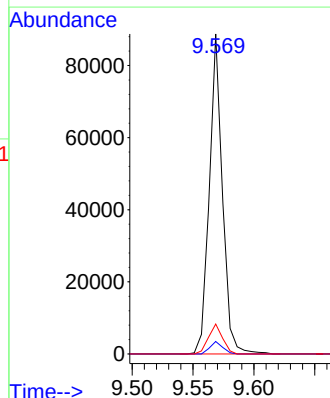
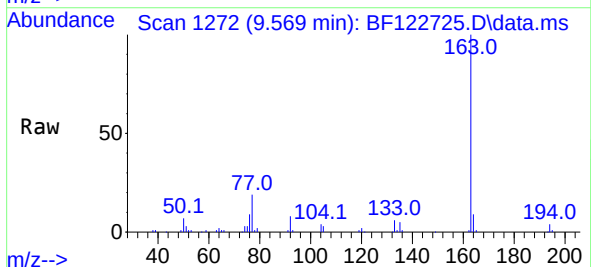
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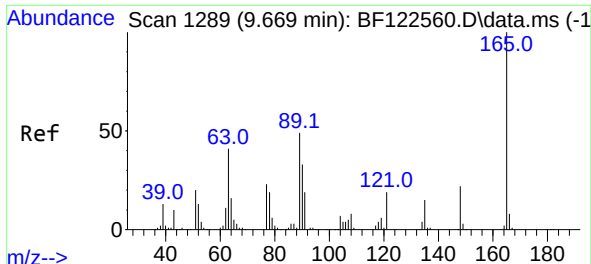
Tgt Ion:172 Resp: 1351845
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.6 19.5 29.3



#50
Dimethylphthalate
Concen: 3.51 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

Tgt Ion:163 Resp: 66399
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.3 8.1 12.1

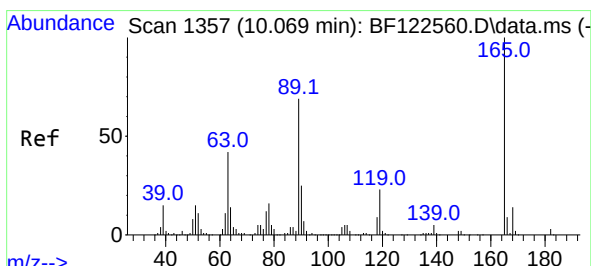
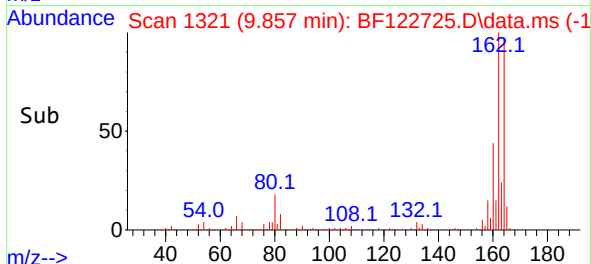
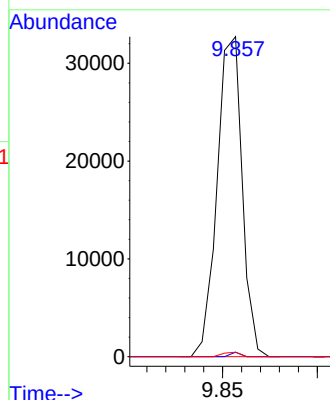
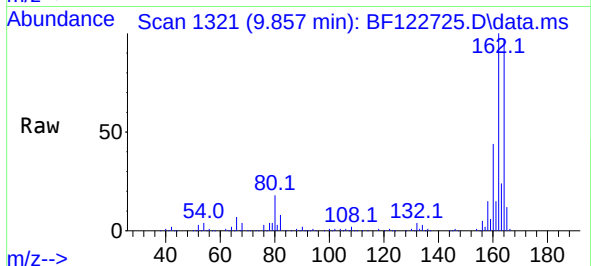




#51
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

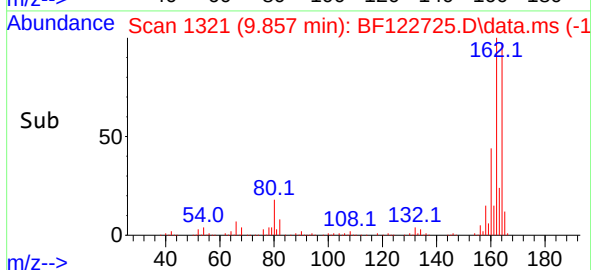
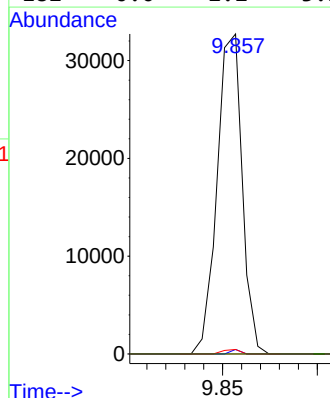
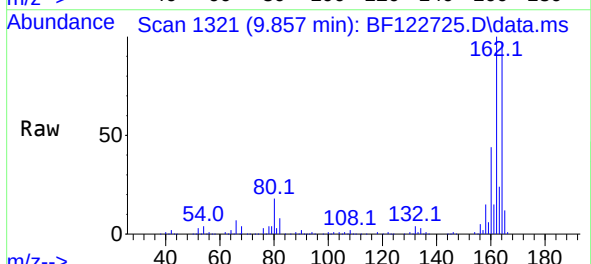
Instrument :
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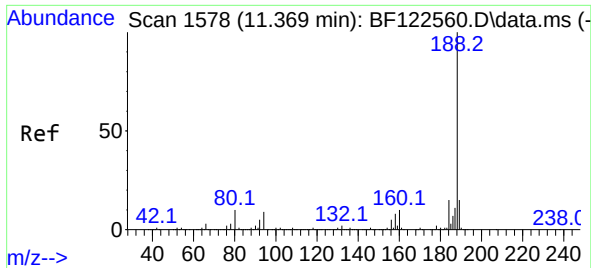
Tgt Ion:165 Resp: 30145
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

Tgt Ion:165 Resp: 30145
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

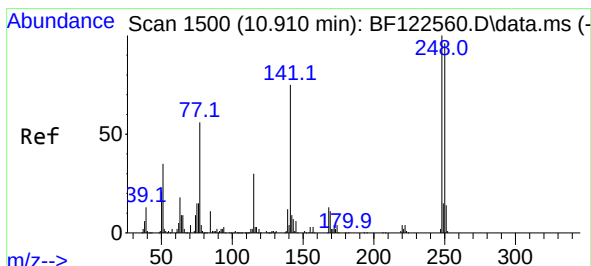
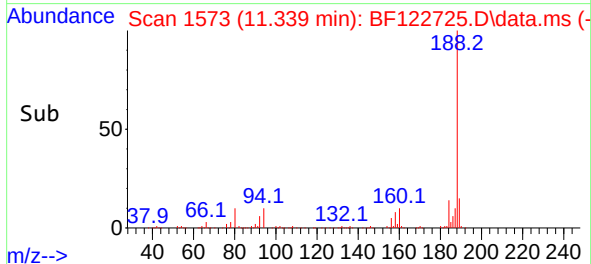
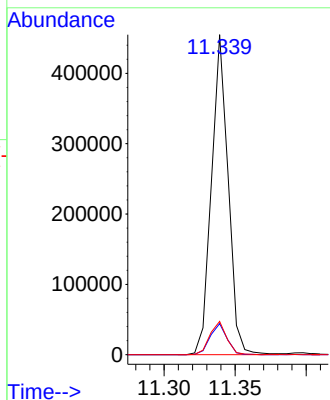
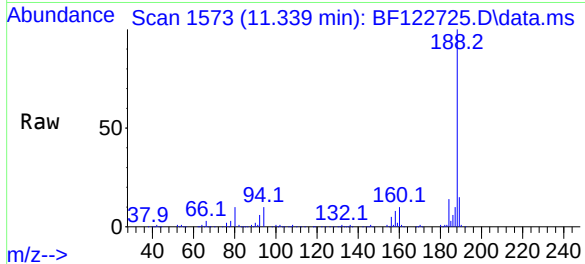




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

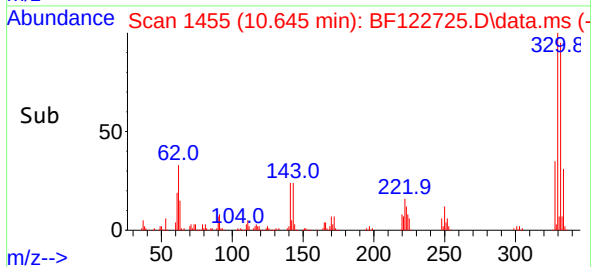
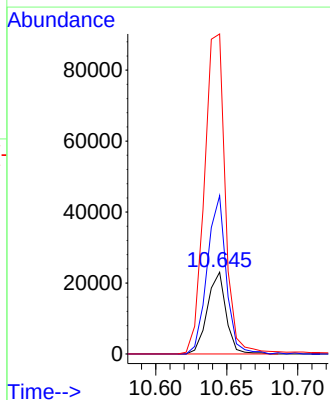
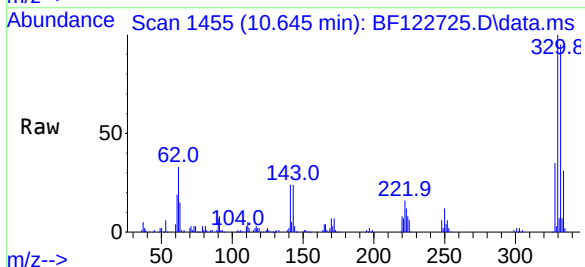
Instrument :
BNA_F
ClientSampleId :
CALTANK2-20201209

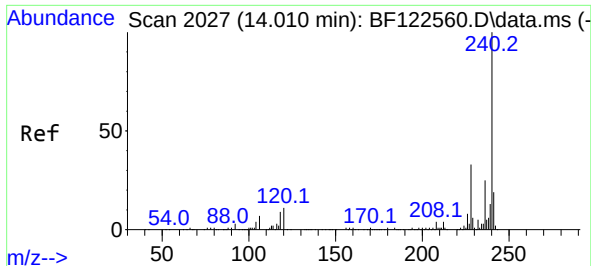
Tgt Ion:188 Resp: 372455
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

Tgt Ion:248 Resp: 21138
Ion Ratio Lower Upper
248 100
250 193.7 76.8 115.2#
141 391.7 59.8 89.8#

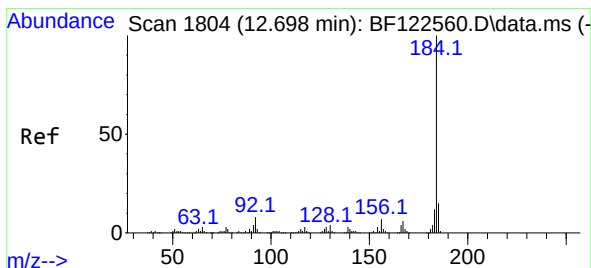
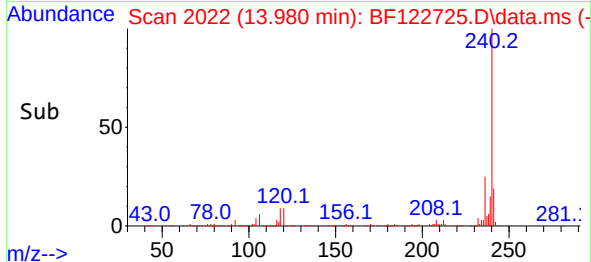
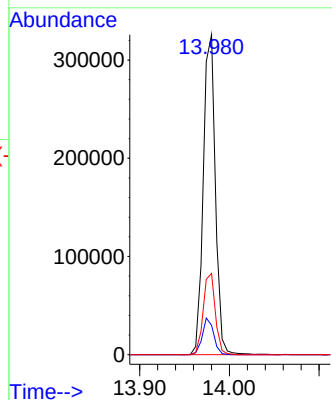
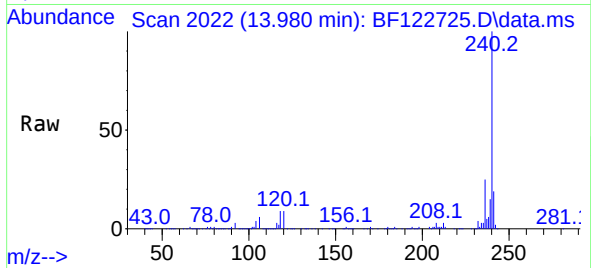




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

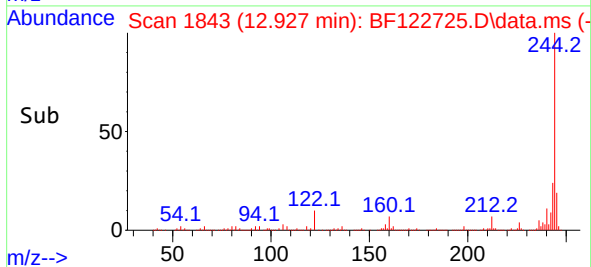
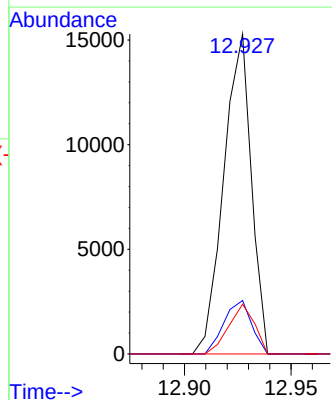
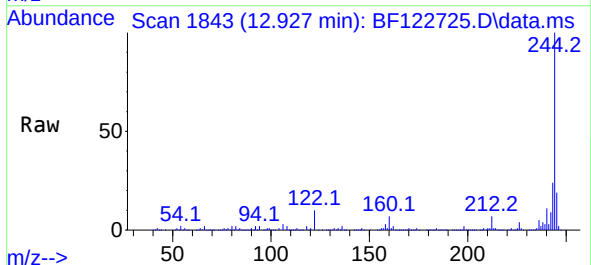
Instrument :
BNA_F
ClientSampleId :
CALTANK2-20201209

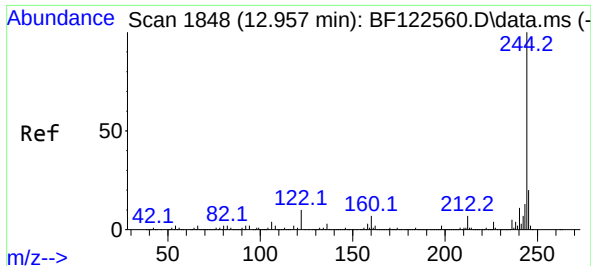
Tgt Ion:240 Resp: 305107
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 25.4 20.3 30.5



#77
Benidine
Concen: 2.08 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

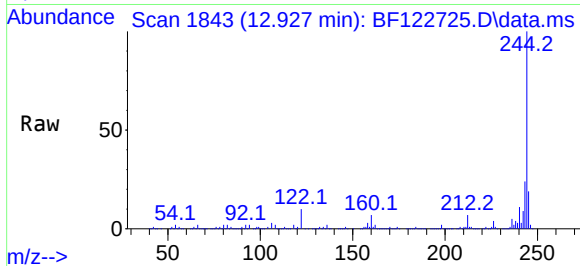
Tgt Ion:184 Resp: 13719
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.6
183 15.6 9.7 14.5#



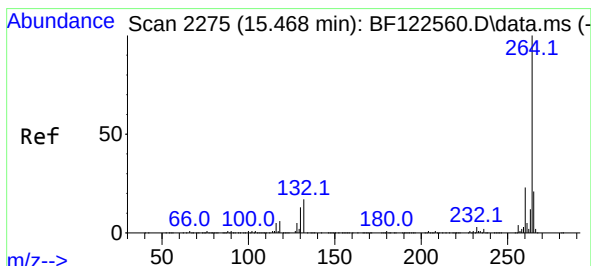
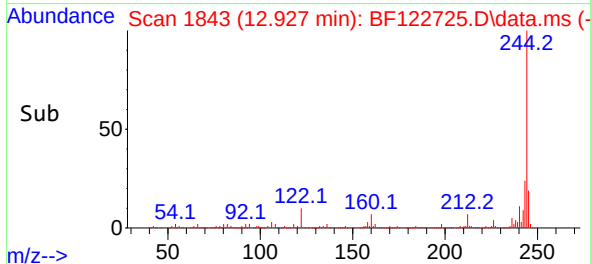
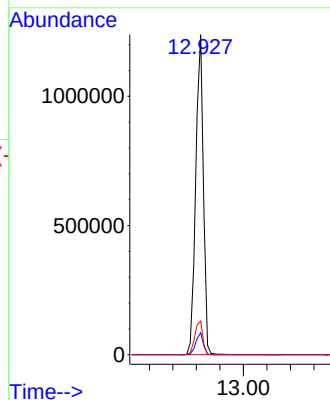


#79
Terphenyl-d14
Concen: 64.17 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

Instrument :
BNA_F
ClientSampleId :
CALTANK2-20201209



Tgt Ion:244 Resp: 1118518
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.5 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122725.D
Acq: 15 Dec 2020 20:14

Tgt Ion:264 Resp: 331086
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 21.0 17.0 25.6

