

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122687.D
 Acq On : 12 Dec 2020 19:44
 Operator : JU/CG
 Sample : L5069-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B7-121120-0-4

Quant Time: Dec 13 23:46:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

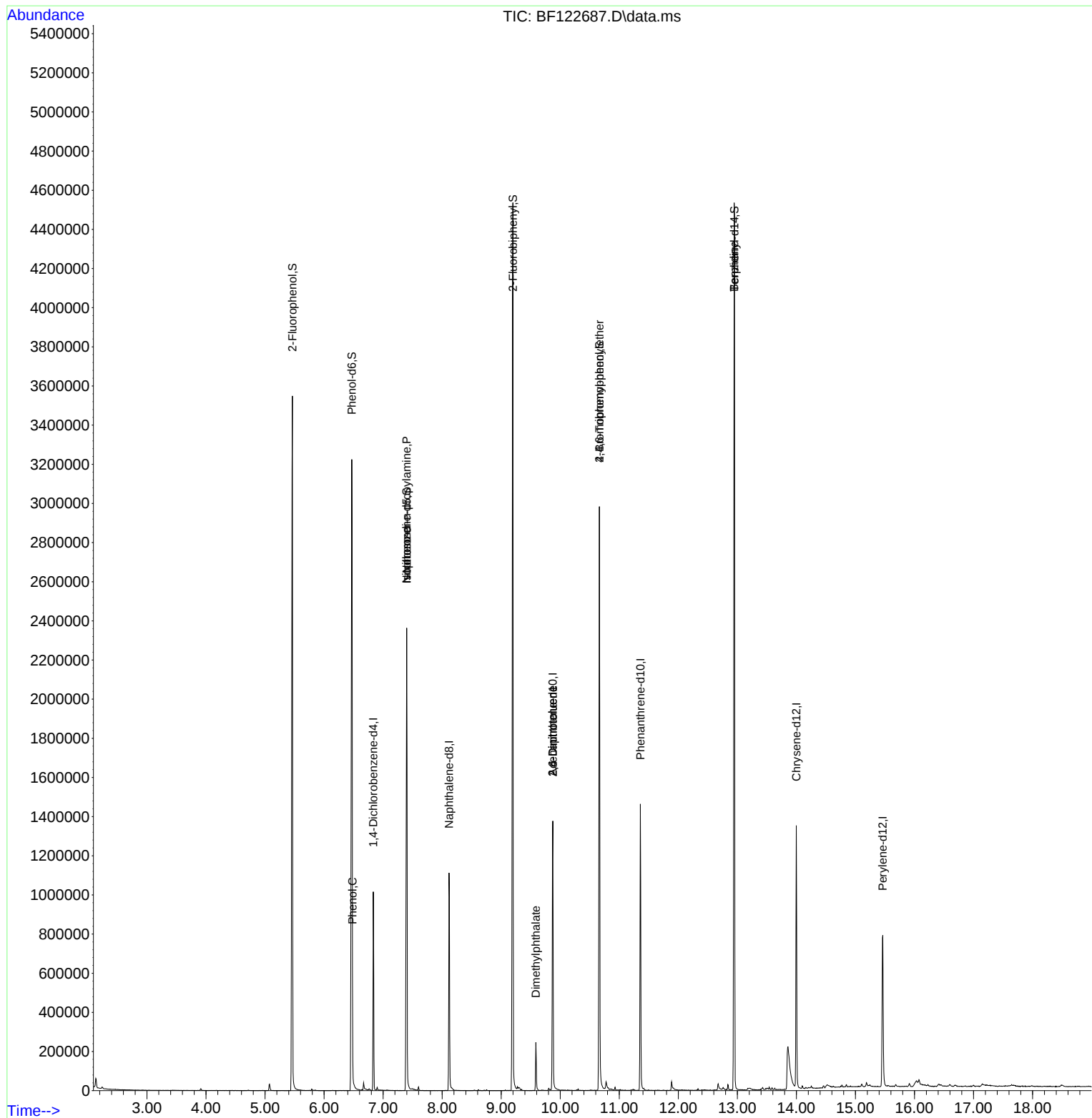
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	149421	20.00	ng	0.00
21) Naphthalene-d8	8.115	136	570996	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	302667	20.00	ng	0.00
64) Phenanthrene-d10	11.356	188	560570	20.00	ng	-0.01
76) Chrysene-d12	13.997	240	476453	20.00	ng	-0.01
86) Perylene-d12	15.462	264	412486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1124191	119.11	ng	0.00
7) Phenol-d6	6.468	99	1436340	114.75	ng	-0.01
23) Nitrobenzene-d5	7.398	82	882591	77.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.662	330	439508	110.94	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1573308	70.31	ng	0.00
79) Terphenyl-d14	12.950	244	1673717	61.49	ng	0.00
Target Compounds						
10) Phenol	6.480	94	86290	6.65	ng	86
19) n-Nitroso-di-n-propyla...	7.398	70	116271	16.22	ng	# 78
25) Isophorone	7.398	82	882578	44.96	ng	# 65
50) Dimethylphthalate	9.586	163	110711	4.58	ng	99
51) 2,6-Dinitrotoluene	9.874	165	38628	7.57	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	38628	5.68	ng	# 25
67) 4-Bromophenyl-phenylether	10.662	248	26762	3.52	ng	# 1
77) Benzidine	12.945	184	21232	2.06	ng	95

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

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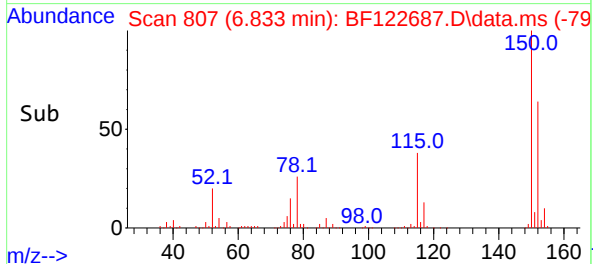
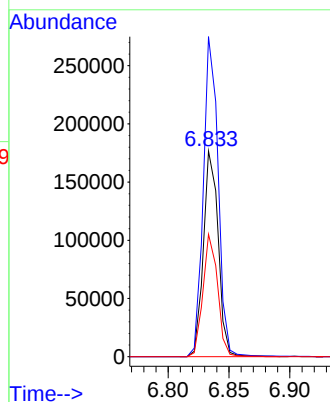
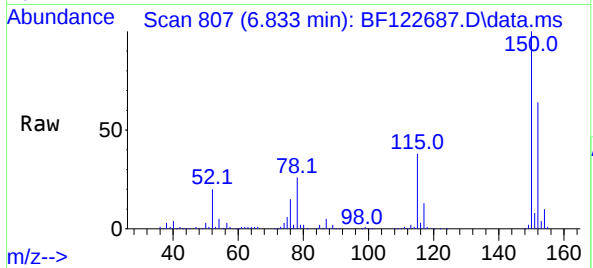




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.007 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

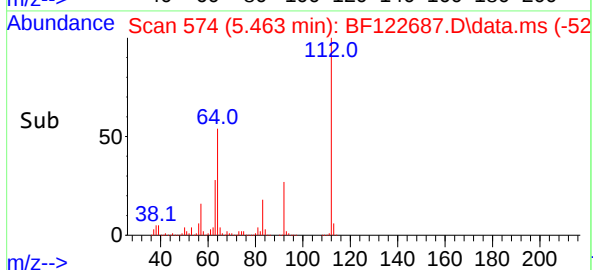
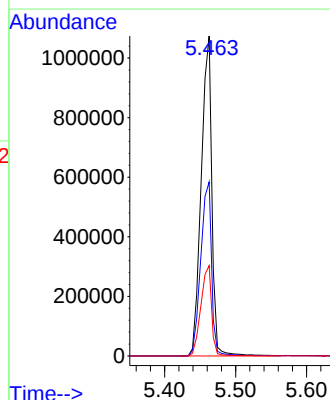
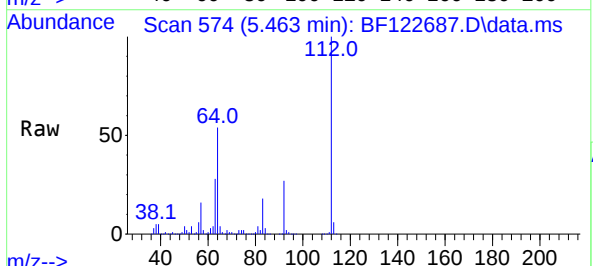
Instrument :
BNA_F
ClientSampleId :
KENS-B7-121120-0-4

Tgt Ion:152 Resp: 149421
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 59.5 49.3 73.9



#5
2-Fluorophenol
Concen: 119.11 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.005 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Tgt Ion:112 Resp: 1124191
Ion Ratio Lower Upper
112 100
64 54.4 46.9 70.3
63 28.3 24.5 36.7

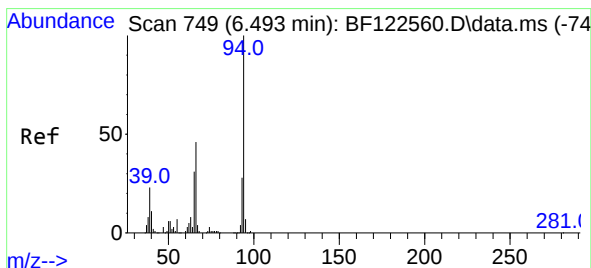
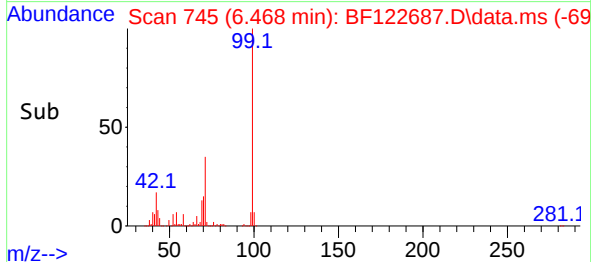
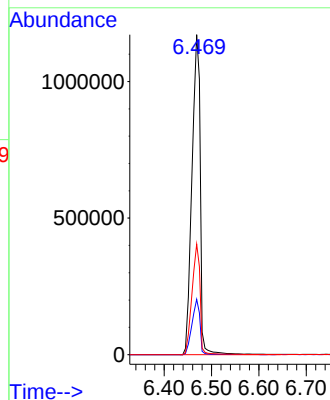
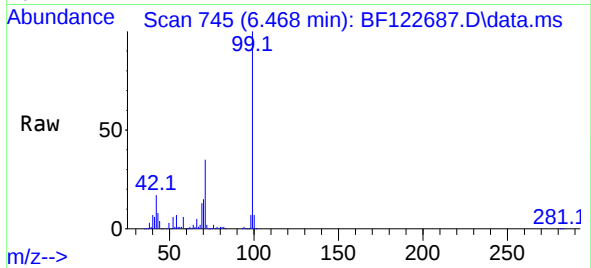




#7
Phenol-d6
Concen: 114.75 ng
RT: 6.468 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

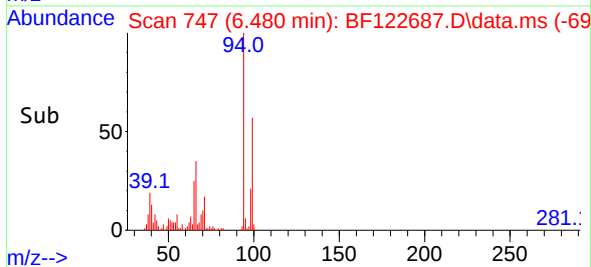
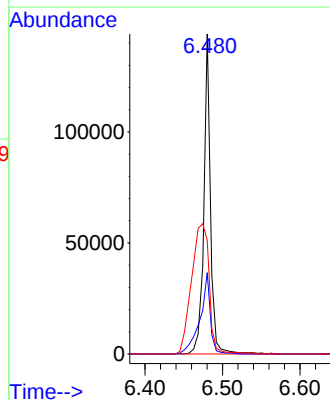
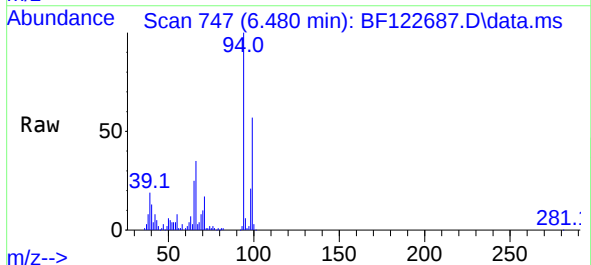
Instrument :
BNA_F
ClientSampleId :
KENS-B7-121120-0-4

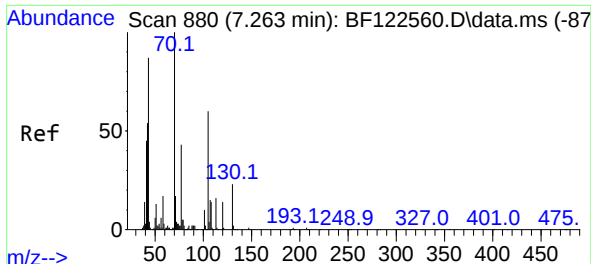
Tgt Ion: 99 Resp: 1436340
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 34.6 26.9 40.3



#10
Phenol
Concen: 6.65 ng
RT: 6.480 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Tgt Ion: 94 Resp: 86290
Ion Ratio Lower Upper
94 100
65 25.4 11.2 51.2
66 35.4 25.8 65.8



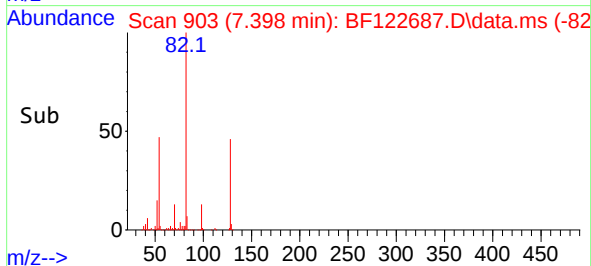
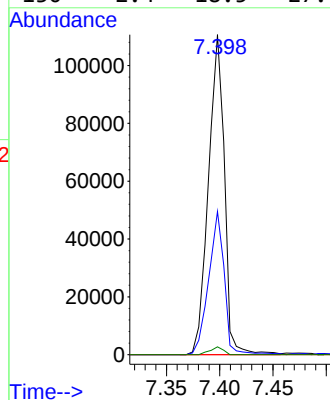
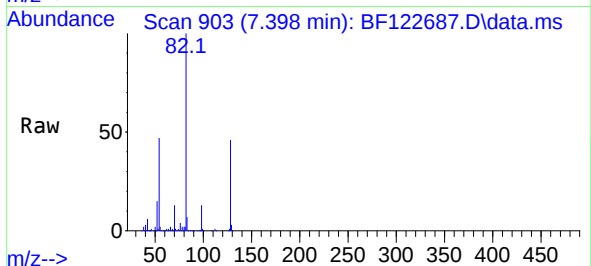


#19
n-Nitroso-di-n-propylamine
Concen: 16.22 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Instrument :
BNA_F
ClientSampleId :
KENS-B7-121120-0-4

Tgt Ion: 70 Resp: 116271

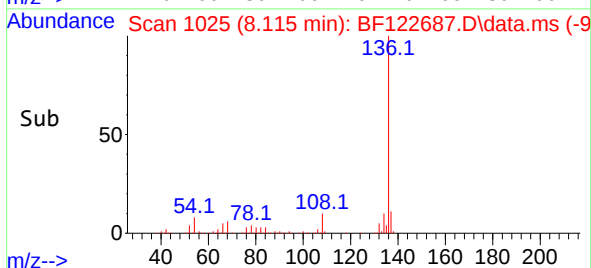
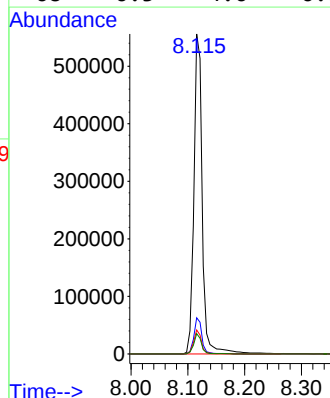
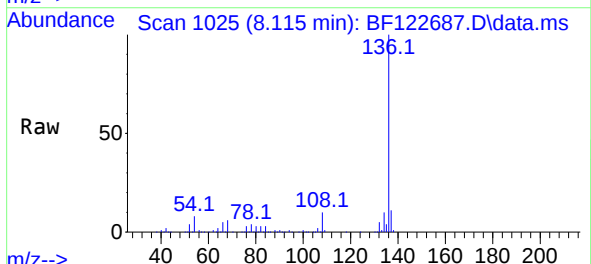
Ion	Ratio	Lower	Upper
70	100		
42	44.8	43.0	64.4
101	0.0	7.9	11.9#
130	2.4	18.5	27.7#

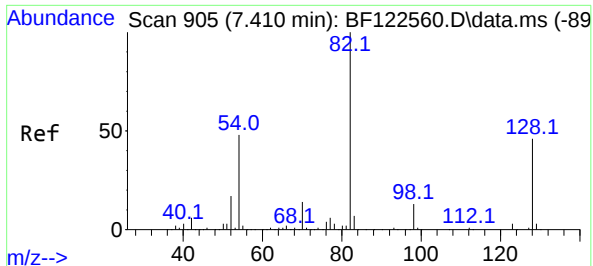


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.115 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Tgt Ion: 136 Resp: 570996

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.5	5.5	8.3
68	6.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 77.44 ng

RT: 7.398 min Scan# 903

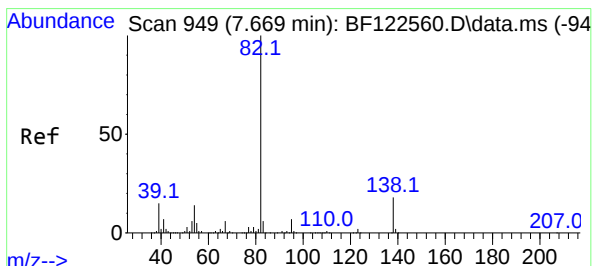
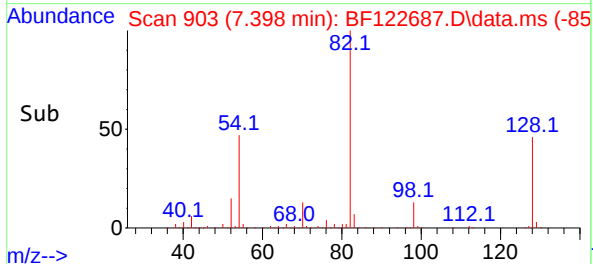
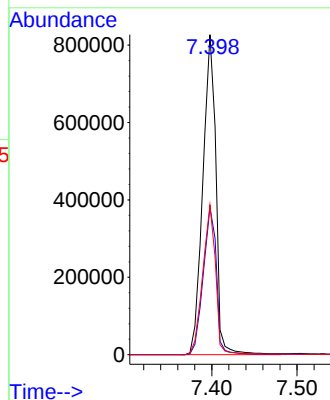
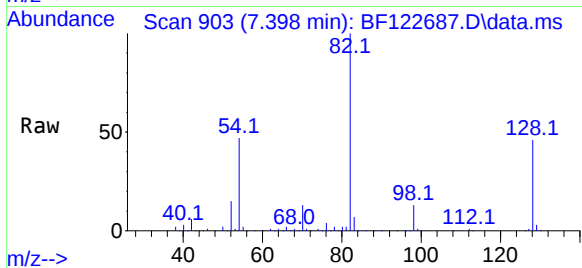
Delta R.T. -0.012 min

Lab File: BF122687.D

Acq: 12 Dec 2020 19:44

Tgt Ion: 82 Resp: 882591

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	46.8	38.4	57.6



#25

Isophorone

Concen: 44.96 ng

RT: 7.398 min Scan# 903

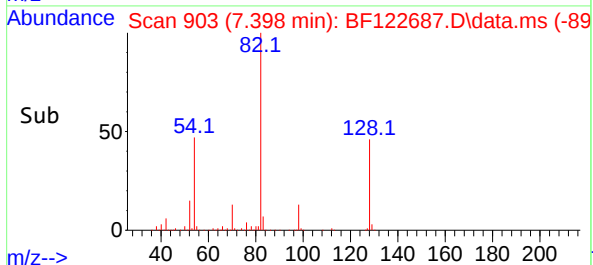
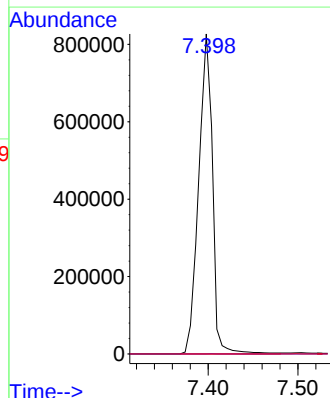
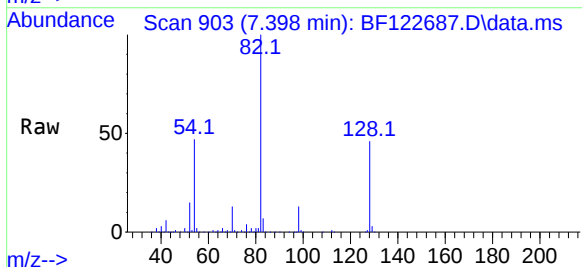
Delta R.T. -0.271 min

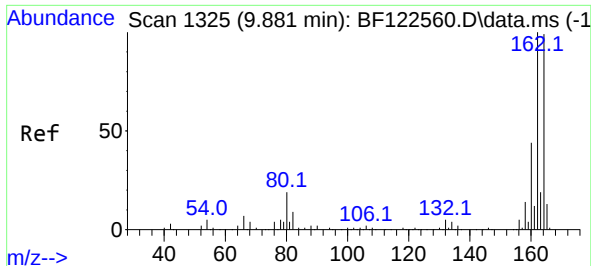
Lab File: BF122687.D

Acq: 12 Dec 2020 19:44

Tgt Ion: 82 Resp: 882578

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

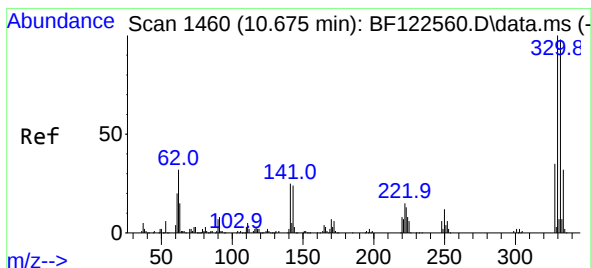
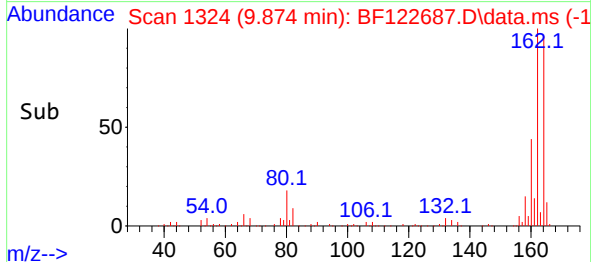
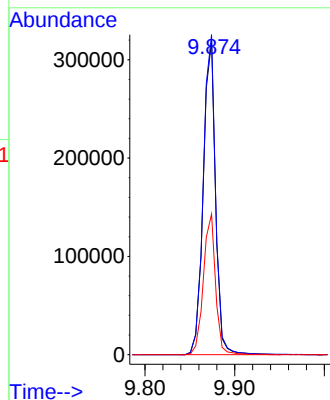
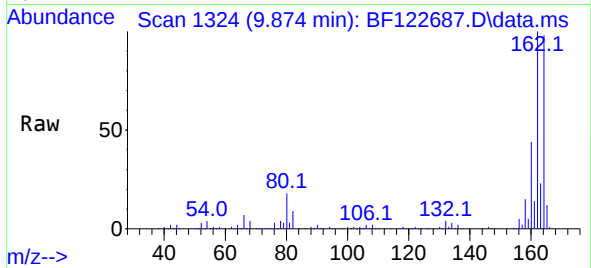




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

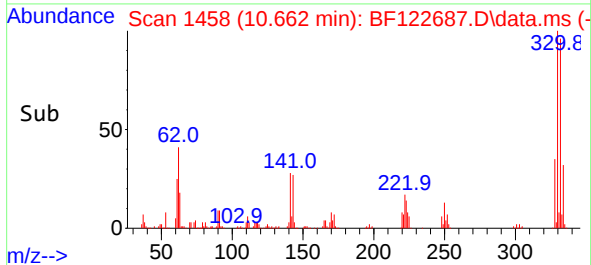
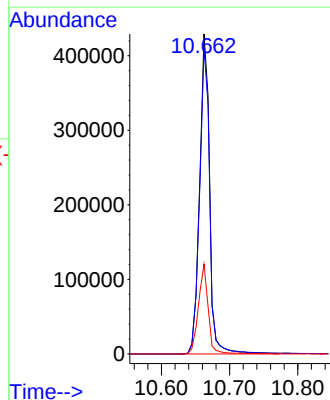
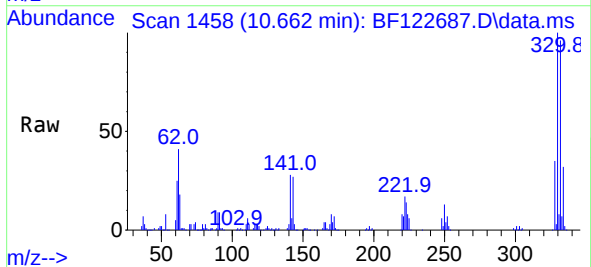
Instrument :
BNA_F
ClientSampleId :
KENS-B7-121120-0-4

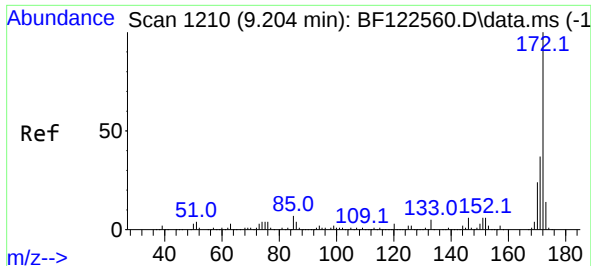
Tgt Ion:164 Resp: 302667
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 110.94 ng
RT: 10.662 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Tgt Ion:330 Resp: 439508
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 27.4 23.8 35.8

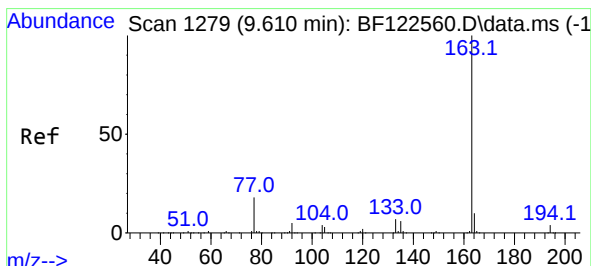
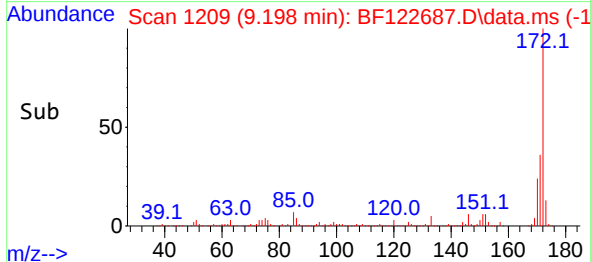
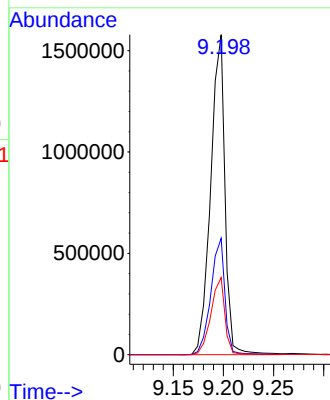
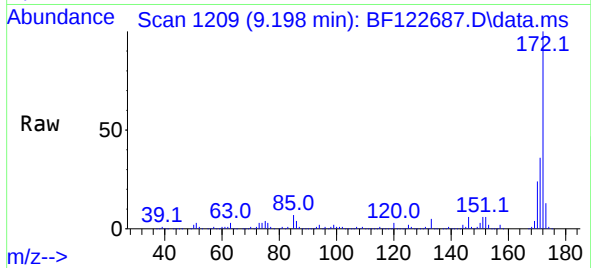




#45
2-Fluorobiphenyl
Concen: 70.31 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

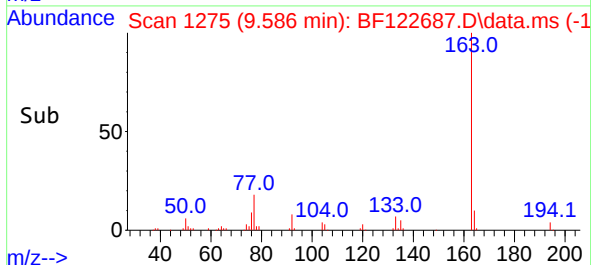
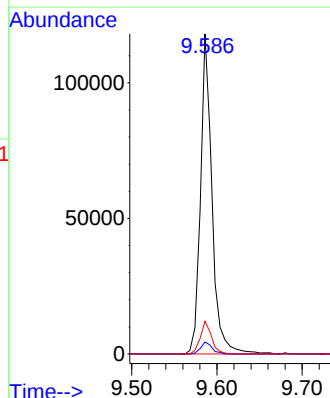
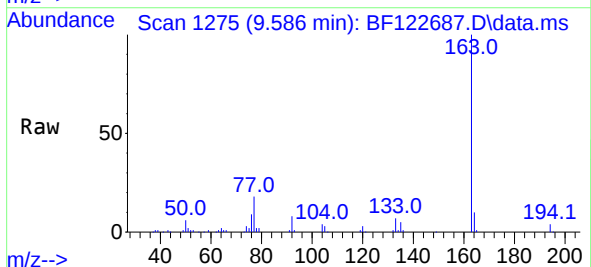
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KENS-B7-121120-0-4

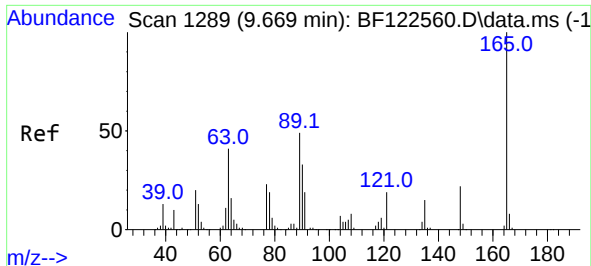
Tgt Ion:172 Resp: 1573308
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 4.58 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Tgt Ion:163 Resp: 110711
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.2 8.1 12.1

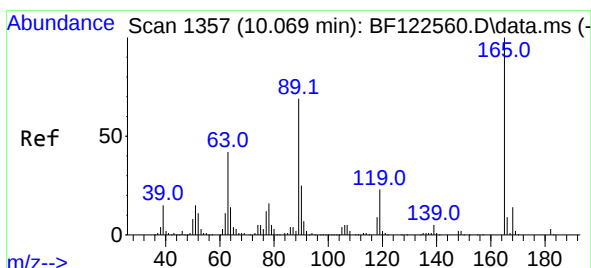
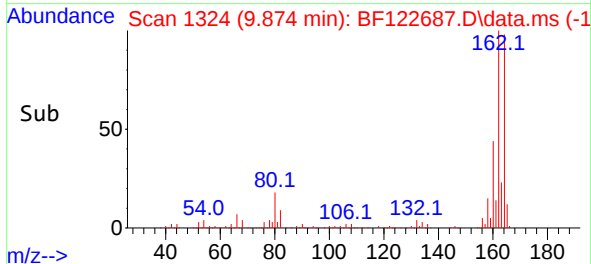
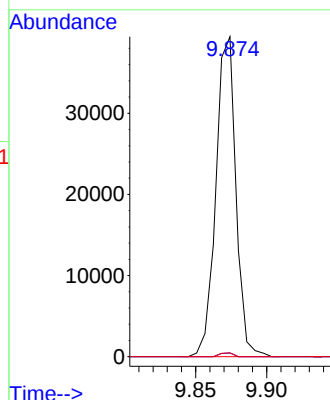
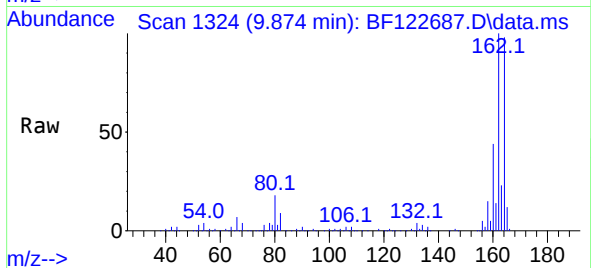




#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.205 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

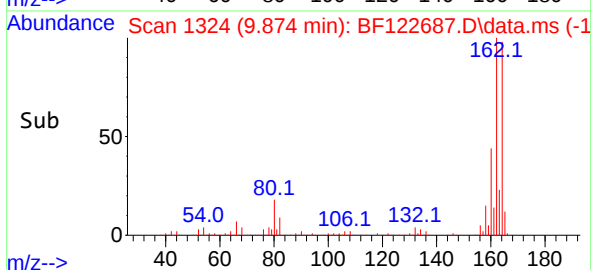
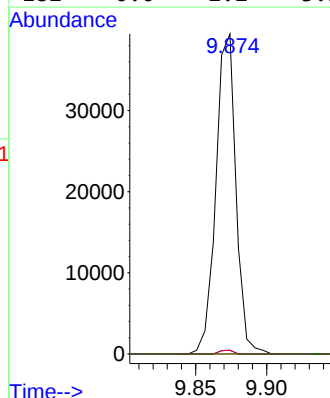
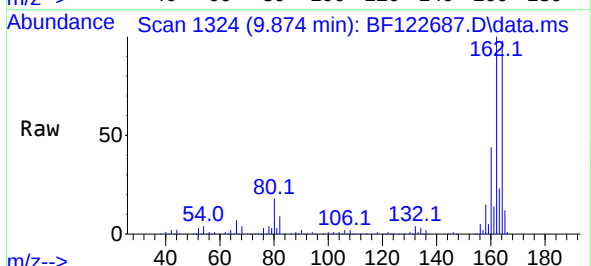
Instrument :
BNA_F
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KENS-B7-121120-0-4

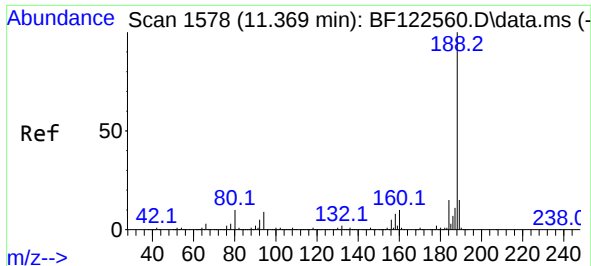
Tgt Ion:165 Resp: 38628
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.195 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Tgt Ion:165 Resp: 38628
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

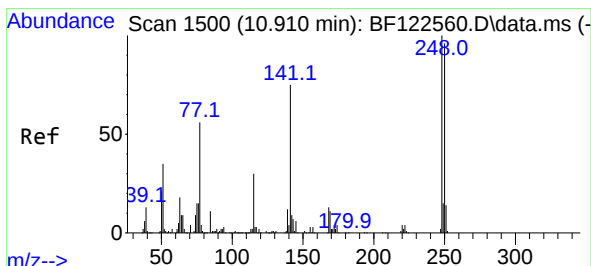
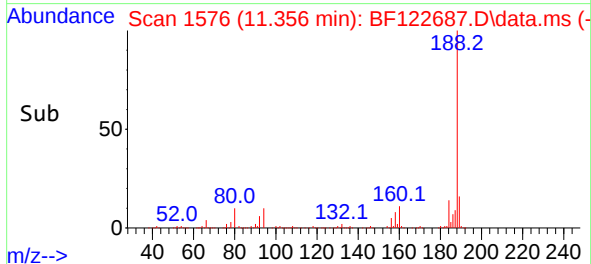
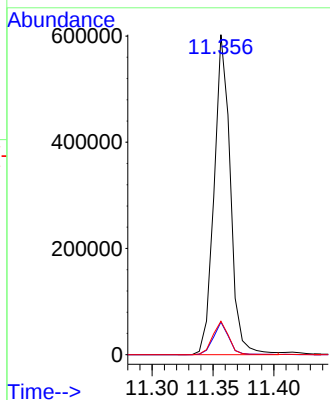
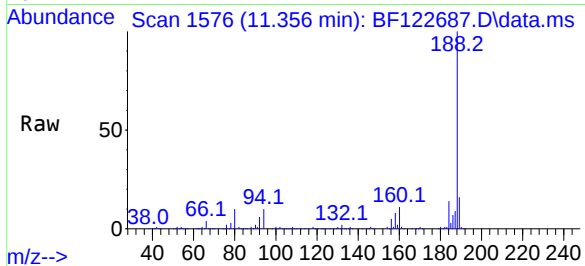




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.356 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

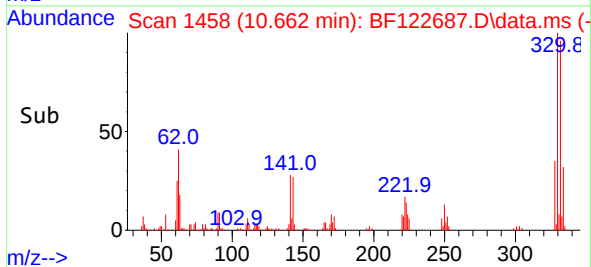
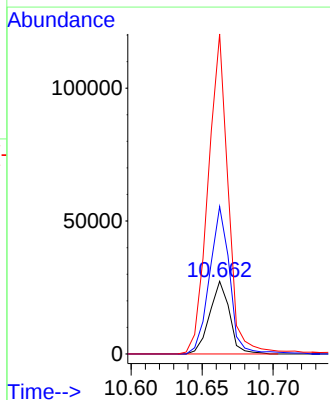
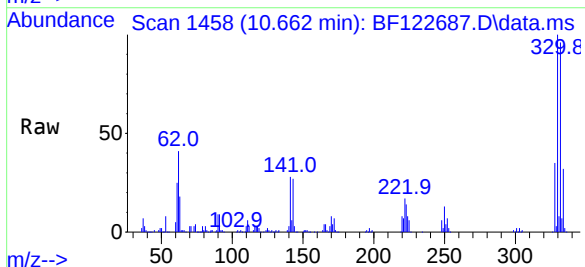
Instrument :
BNA_F
ClientSampleId :
KENS-B7-121120-0-4

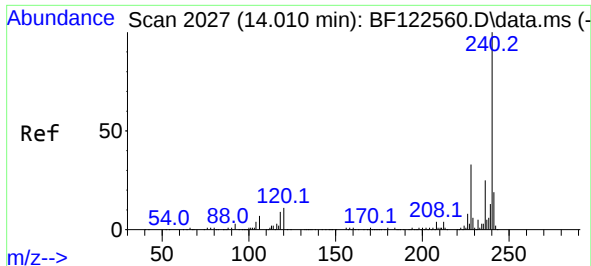
Tgt Ion:188 Resp: 560570
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.5 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.662 min Scan# 1458
Delta R.T. -0.248 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Tgt Ion:248 Resp: 26762
Ion Ratio Lower Upper
248 100
250 203.1 76.8 115.2#
141 441.0 59.8 89.8#

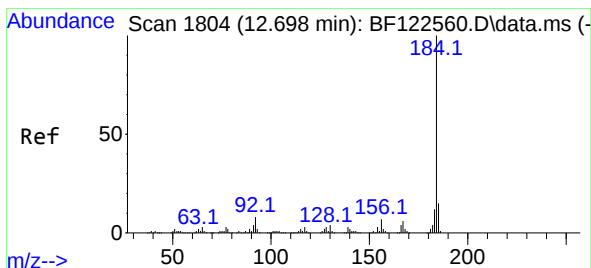
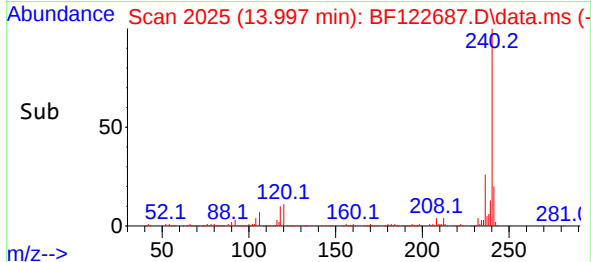
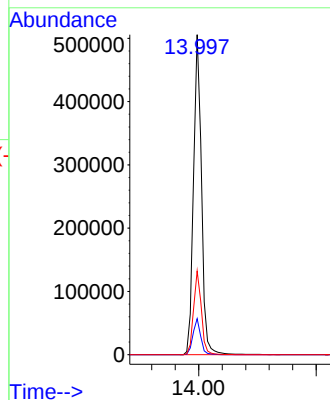
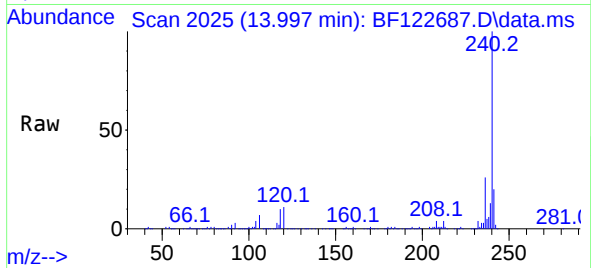




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.997 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

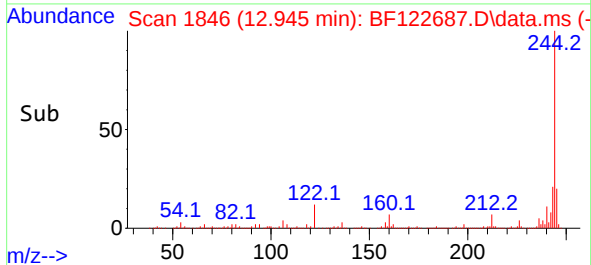
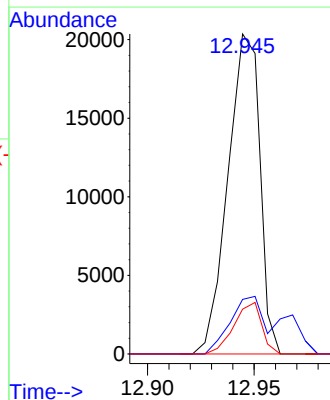
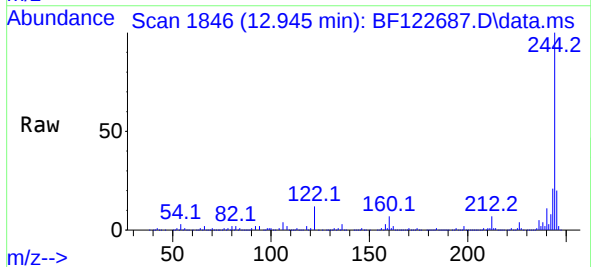
Instrument :
BNA_F
ClientSampleId :
KENS-B7-121120-0-4

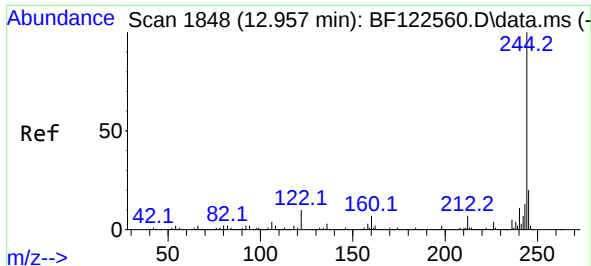
Tgt Ion:240 Resp: 476453
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 26.2 20.3 30.5



#77
Benzidine
Concen: 2.06 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.247 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

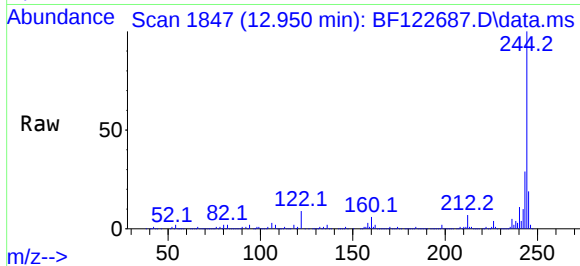
Tgt Ion:184 Resp: 21232
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 14.0 9.7 14.5



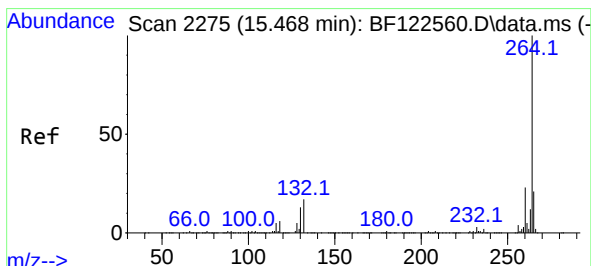
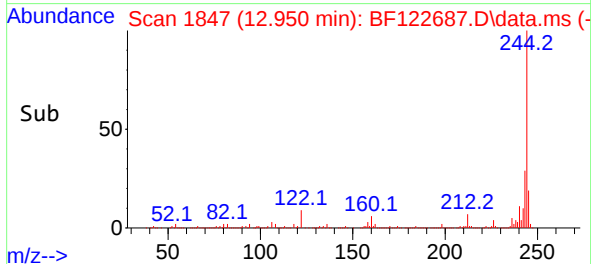
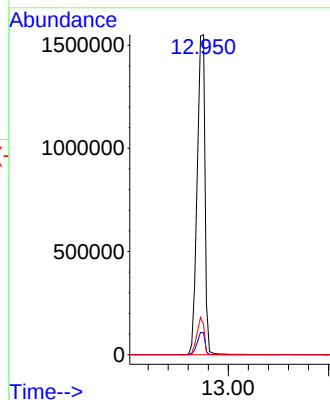


#79
Terphenyl-d14
Concen: 61.49 ng
RT: 12.950 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Instrument :
BNA_F
ClientSampleId :
KENS-B7-121120-0-4



Tgt Ion:244 Resp: 1673717
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.4 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122687.D
Acq: 12 Dec 2020 19:44

Tgt Ion:264 Resp: 412486
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.6 17.0 25.6

