

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122684.D
 Acq On : 12 Dec 2020 18:12
 Operator : JU/CG
 Sample : L5043-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-SS-121020-BD

Quant Time: Dec 13 23:45:48 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)

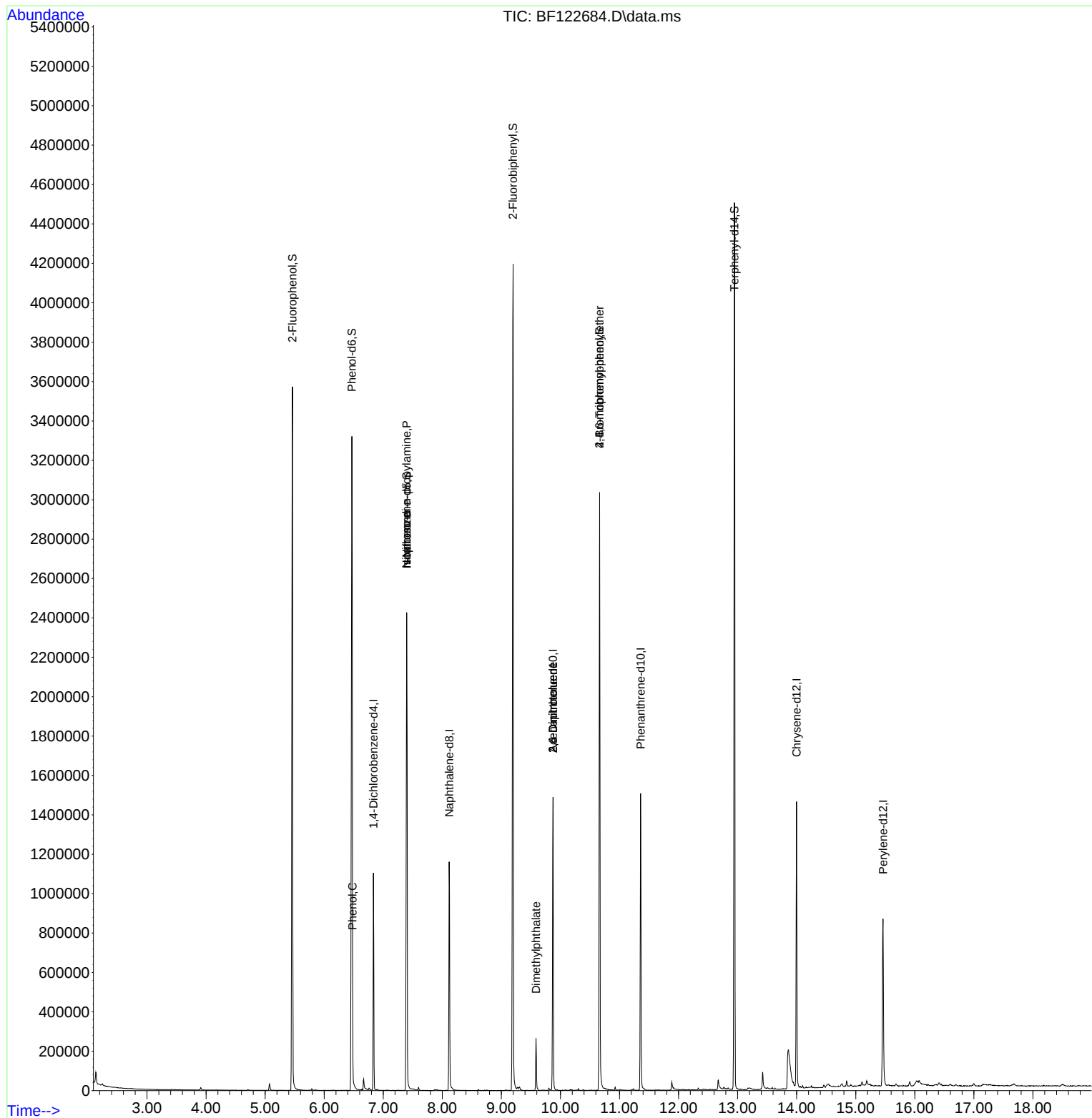
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	153609	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	597349	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	313721	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	589034	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	501249	20.00	ng	-0.01
86) Perylene-d12	15.462	264	423952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1152494	118.78	ng	0.00
7) Phenol-d6	6.469	99	1459417	113.41	ng	-0.01
23) Nitrobenzene-d5	7.398	82	910117	76.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	442487	107.75	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1560390	67.27	ng	0.00
79) Terphenyl-d14	12.945	244	1623130	56.68	ng	-0.01
Target Compounds						
10) Phenol	6.481	94	83176	6.24	ng	Qvalue 89
19) n-Nitroso-di-n-propyla...	7.398	70	121154	16.44	ng	# 78
25) Isophorone	7.398	82	910105	44.32	ng	# 65
50) Dimethylphthalate	9.586	163	120692	4.82	ng	99
51) 2,6-Dinitrotoluene	9.875	165	40968	7.74	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	40968	5.81	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	27010	3.38	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

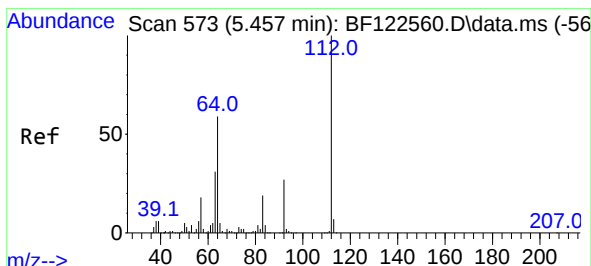
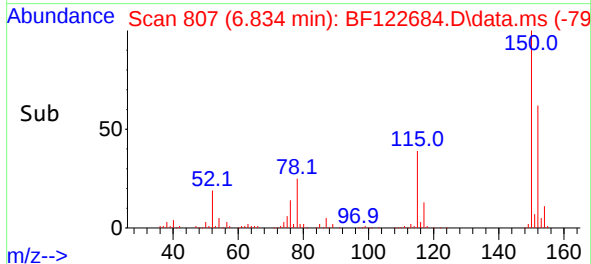
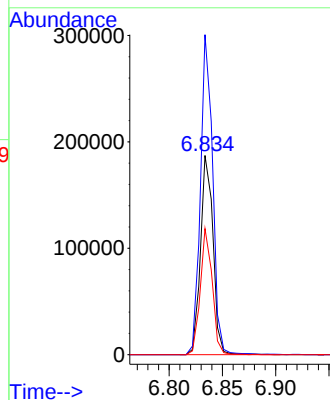
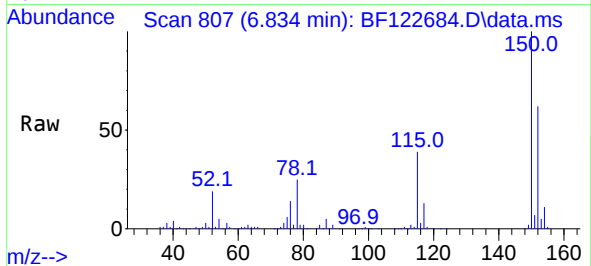




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

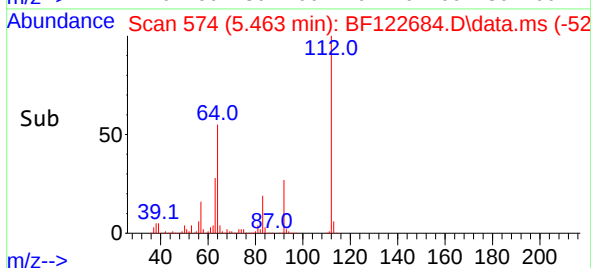
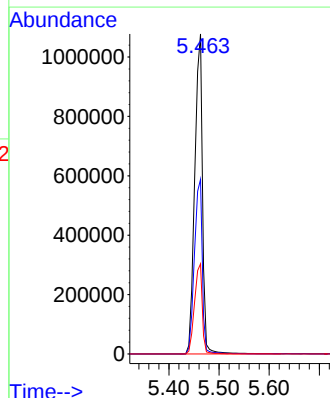
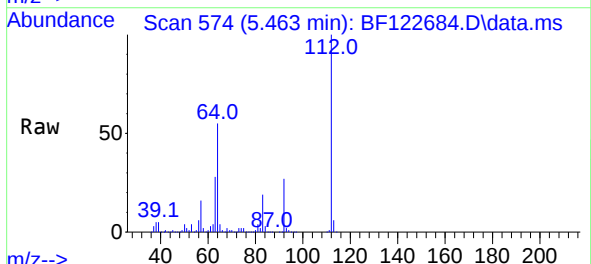
Instrument :
BNA_F
ClientSampleId :
KENS-SS-121020-BD

Tgt Ion:152 Resp: 153609
Ion Ratio Lower Upper
152 100
150 160.6 125.8 188.6
115 63.3 49.3 73.9



#5
2-Fluorophenol
Concen: 118.78 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

Tgt Ion:112 Resp: 1152494
Ion Ratio Lower Upper
112 100
64 54.5 46.9 70.3
63 28.2 24.5 36.7



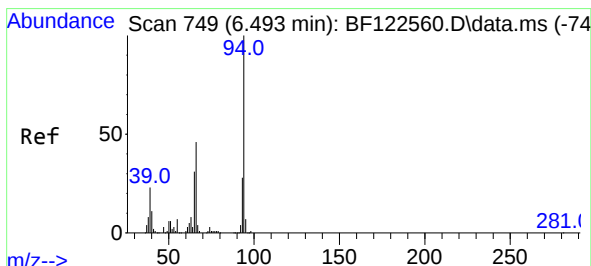
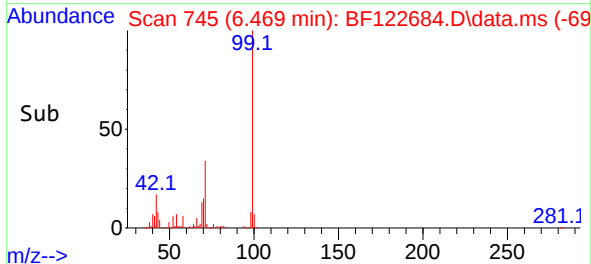
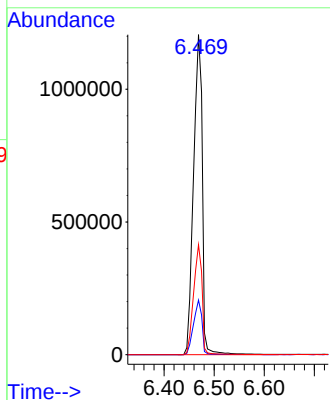
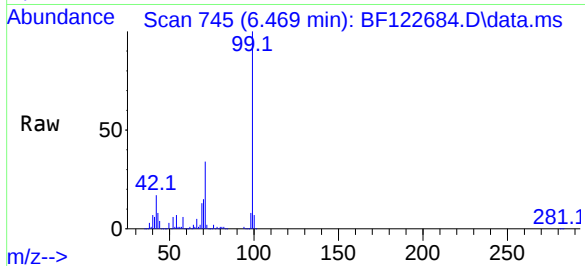


#7
Phenol-d6
Concen: 113.41 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

Instrument :
BNA_F
ClientSampleId :
KENS-SS-121020-BD

Tgt Ion: 99 Resp: 1459417

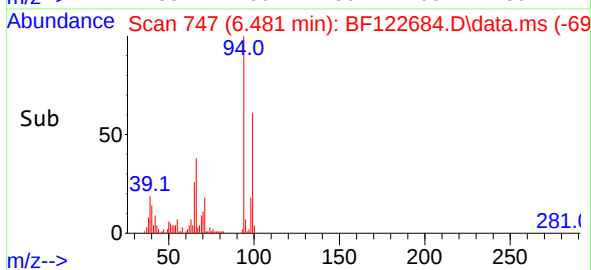
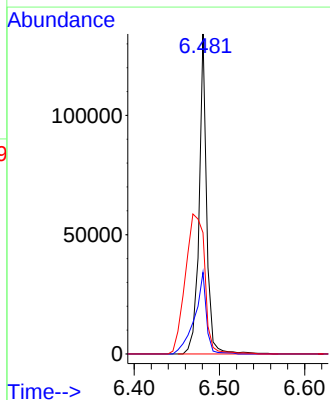
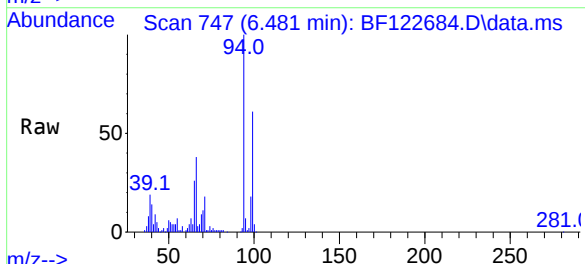
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	34.4	26.9	40.3

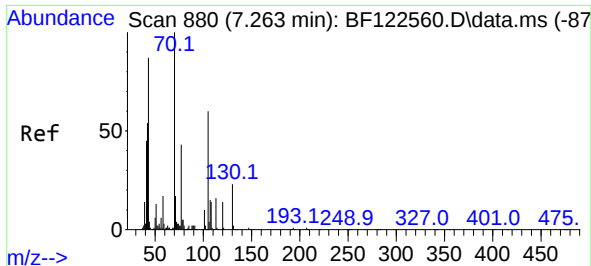


#10
Phenol
Concen: 6.24 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

Tgt Ion: 94 Resp: 83176

Ion	Ratio	Lower	Upper
94	100		
65	25.5	11.2	51.2
66	37.9	25.8	65.8



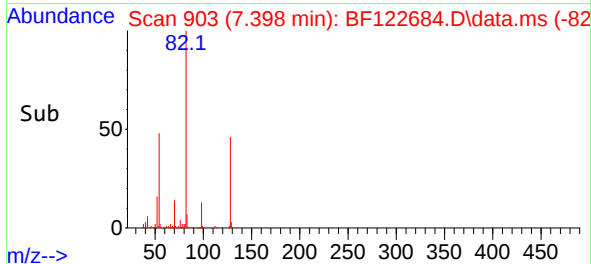
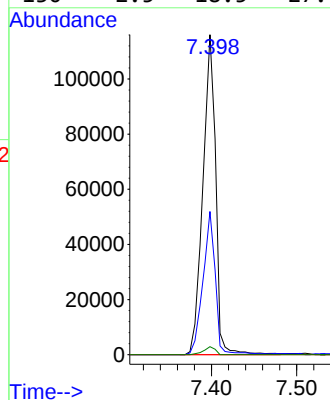
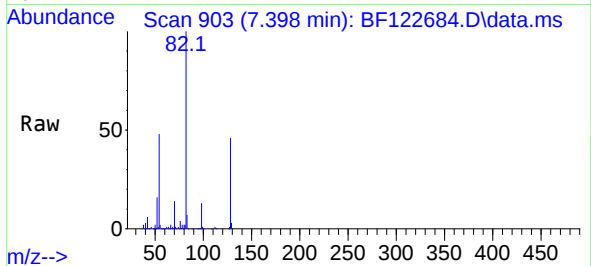


#19
n-Nitroso-di-n-propylamine
Concen: 16.44 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

Instrument :
BNA_F
ClientSampleId :
KENS-SS-121020-BD

Tgt Ion: 70 Resp: 121154

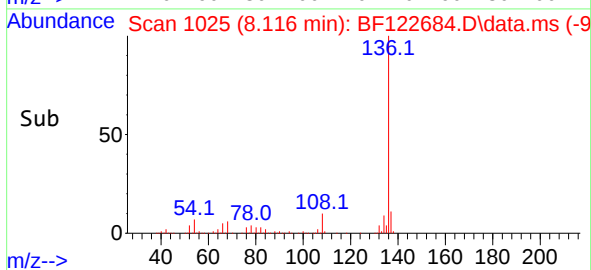
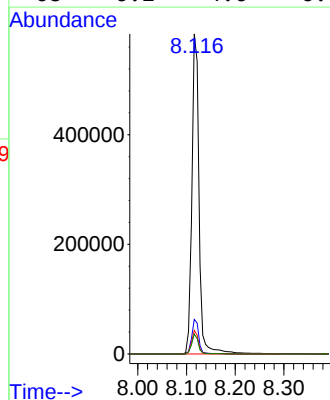
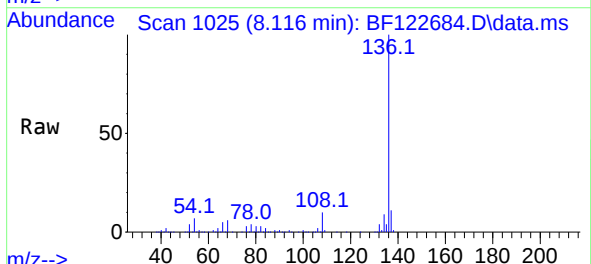
Ion	Ratio	Lower	Upper
70	100		
42	44.7	43.0	64.4
101	0.0	7.9	11.9#
130	2.5	18.5	27.7#

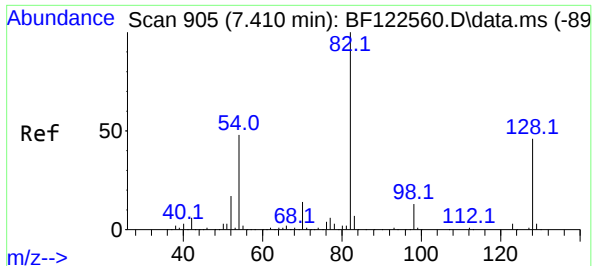


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

Tgt Ion: 136 Resp: 597349

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	5.5	8.3
68	6.2	4.6	6.8





#23

Nitrobenzene-d5

Concen: 76.34 ng

RT: 7.398 min Scan# 903

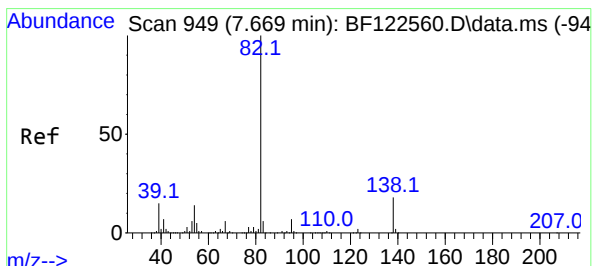
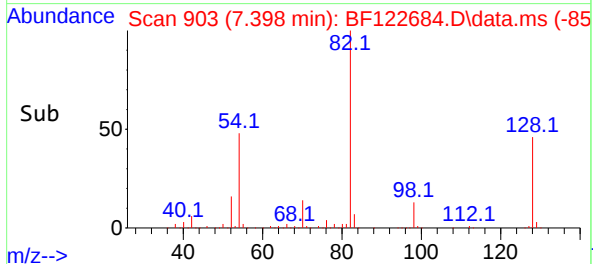
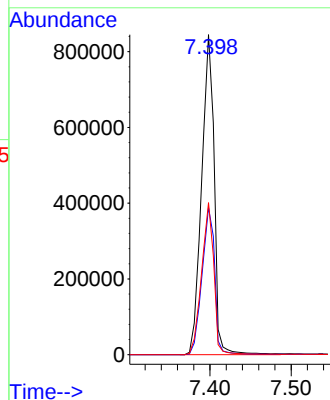
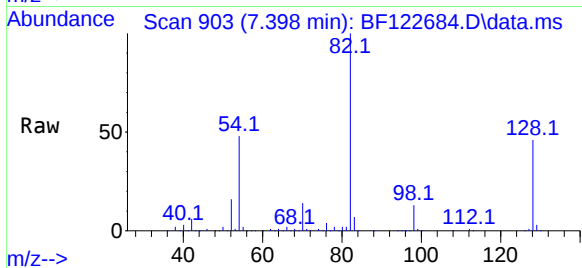
Delta R.T. -0.012 min

Lab File: BF122684.D

Acq: 12 Dec 2020 18:12

Tgt Ion: 82 Resp: 910117

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.4
54	47.5	38.4	57.6



#25

Isophorone

Concen: 44.32 ng

RT: 7.398 min Scan# 903

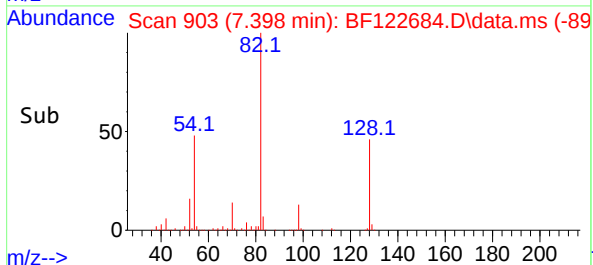
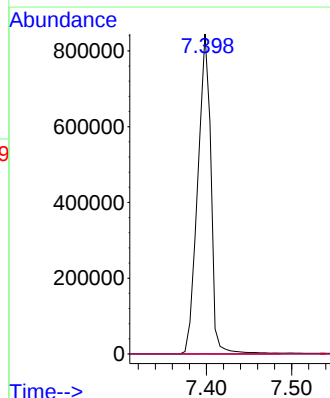
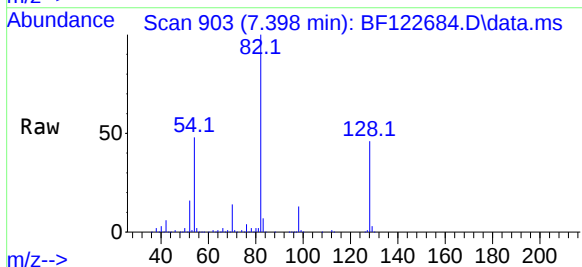
Delta R.T. -0.271 min

Lab File: BF122684.D

Acq: 12 Dec 2020 18:12

Tgt Ion: 82 Resp: 910105

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

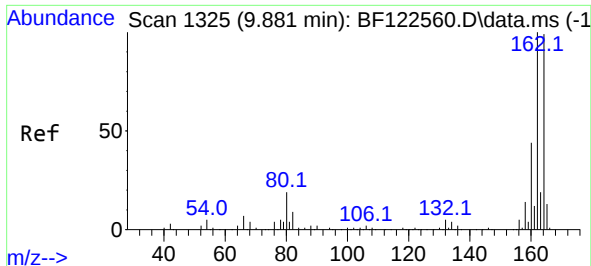


Instrument :

BNA_F

ClientSampleId :

KENS-SS-121020-BD



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF122684.D

Acq: 12 Dec 2020 18:12

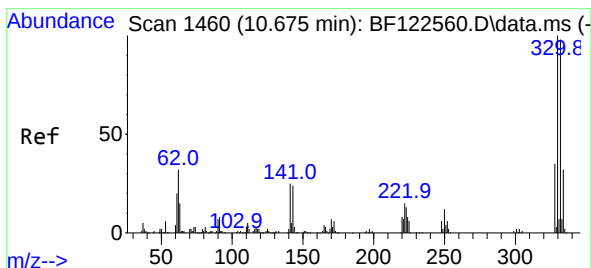
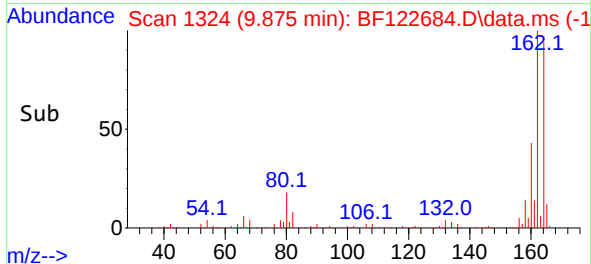
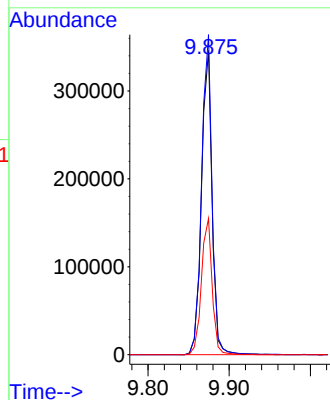
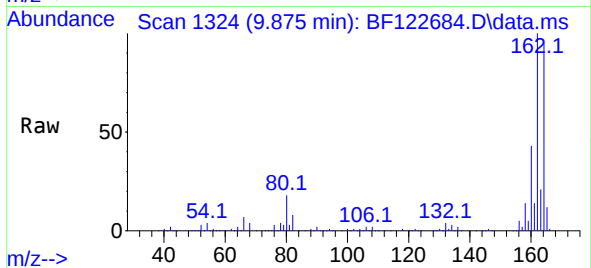
Tgt Ion:164 Resp: 313721

Ion Ratio Lower Upper

164 100

162 105.2 80.8 121.2

160 44.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 107.75 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122684.D

Acq: 12 Dec 2020 18:12

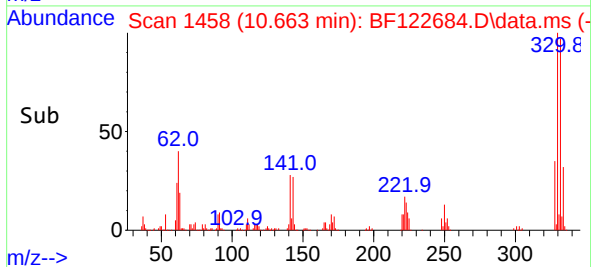
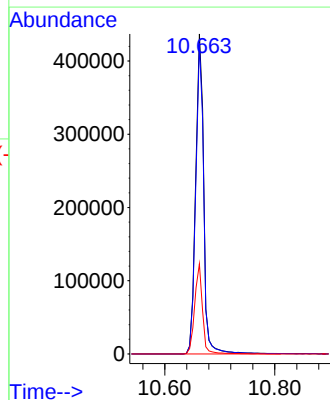
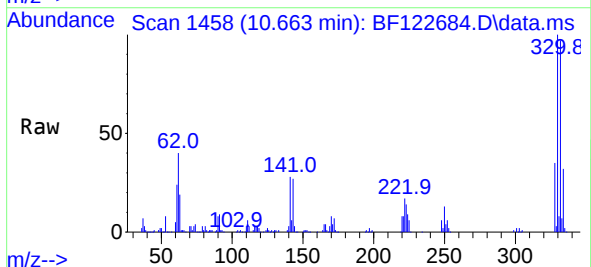
Tgt Ion:330 Resp: 442487

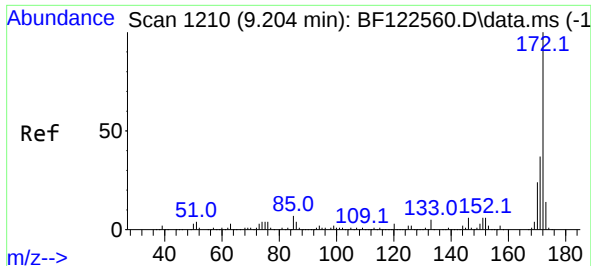
Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

141 27.3 23.8 35.8

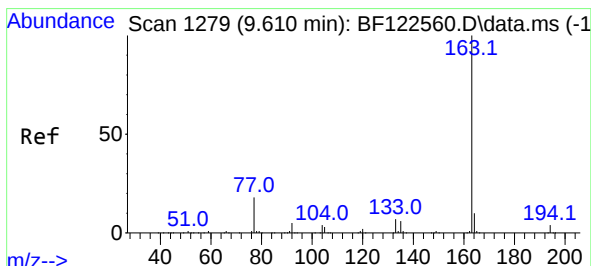
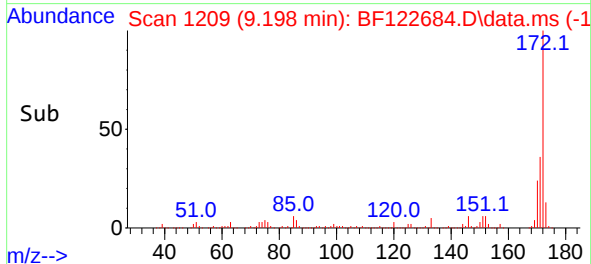
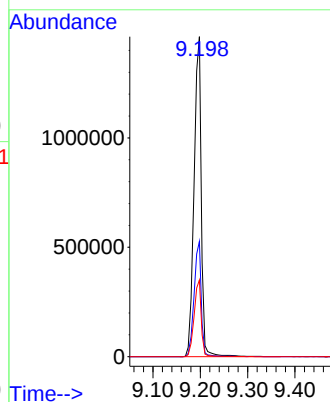
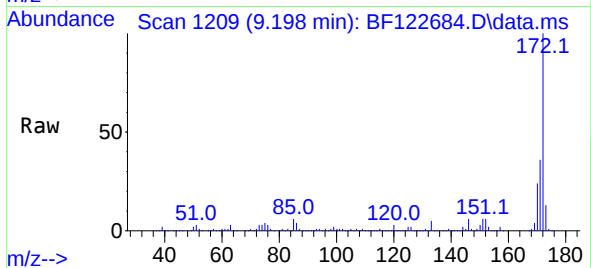




#45
2-Fluorobiphenyl
Concen: 67.27 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

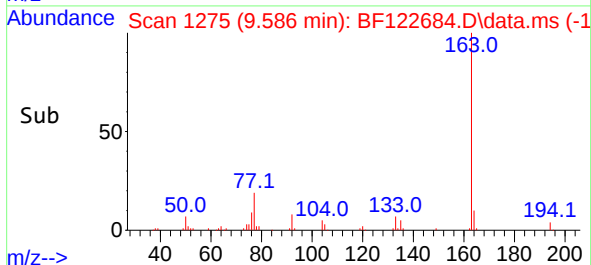
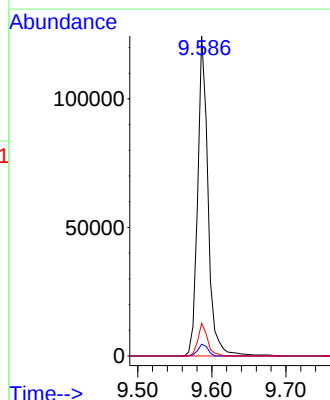
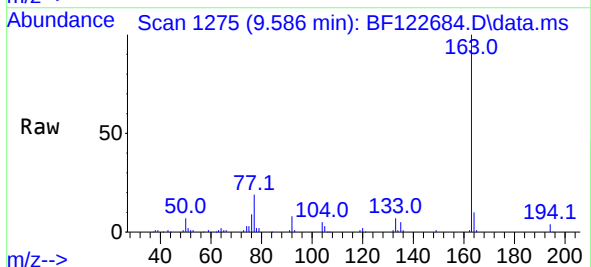
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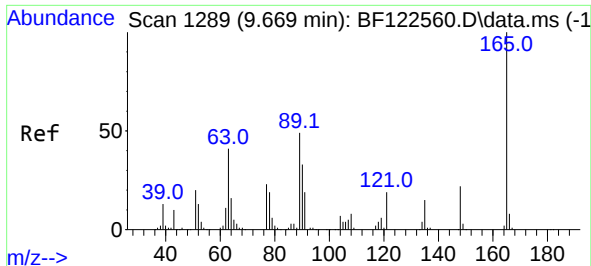
Tgt Ion:172 Resp: 1560390
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.5 29.3



#50
Dimethylphthalate
Concen: 4.82 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

Tgt Ion:163 Resp: 120692
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.3 8.1 12.1

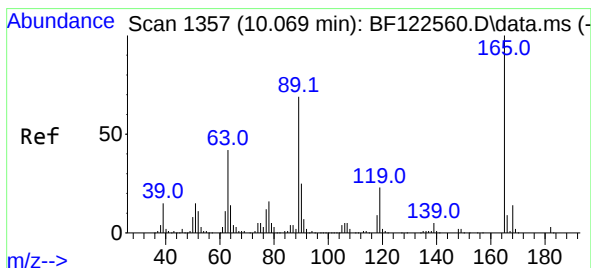
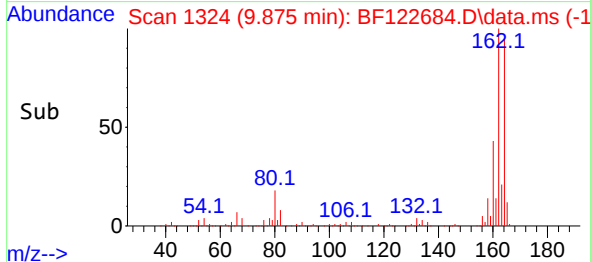
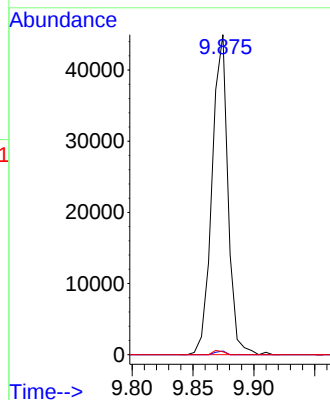
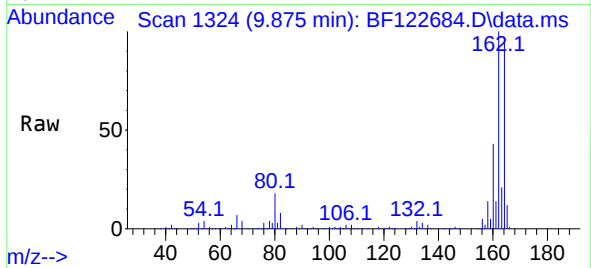




#51
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

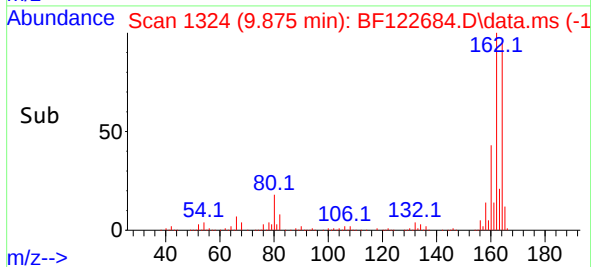
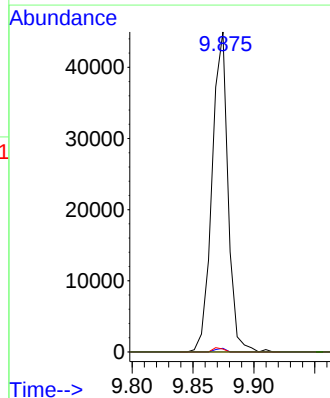
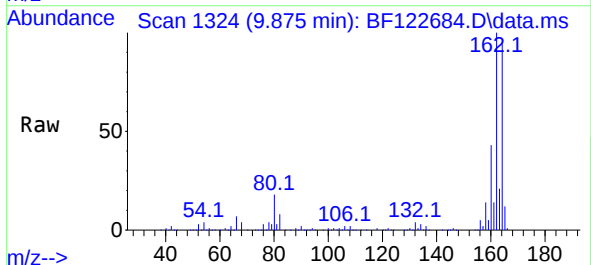
Instrument :
BNA_F
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KENS-SS-121020-BD

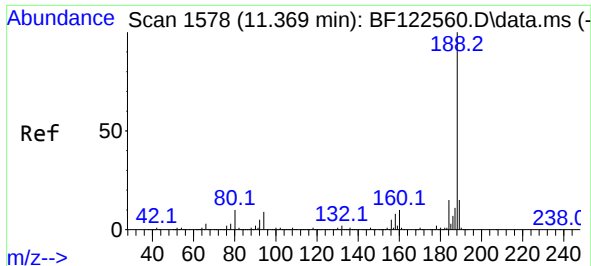
Tgt Ion:165	Resp:	40968
Ion Ratio	Lower	Upper
165	100	
63	1.2	36.6 55.0#
89	0.9	39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

Tgt Ion:165	Resp:	40968
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	0.9	55.2 82.8#
182	0.0	2.2 3.2#

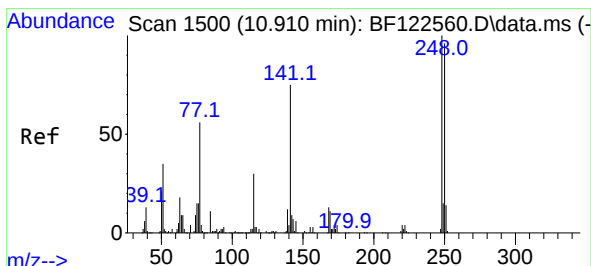
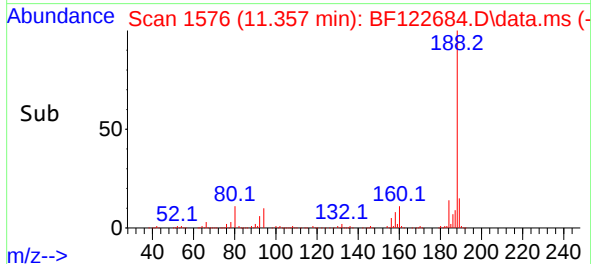
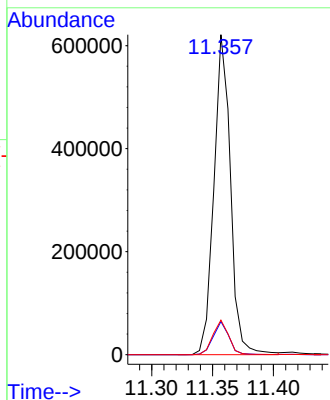
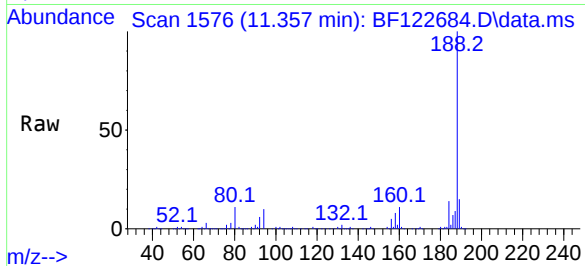




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

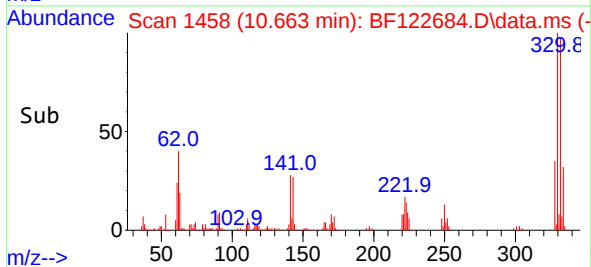
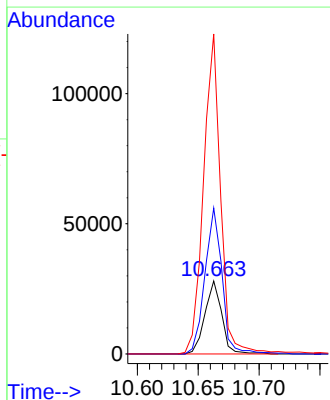
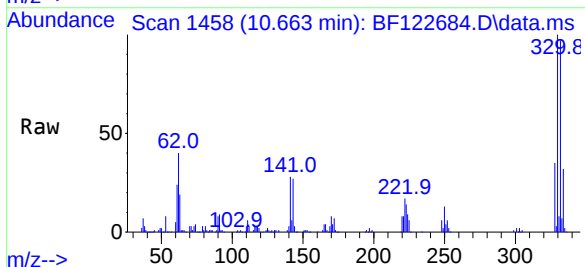
Instrument :
BNA_F
ClientSampleId :
KENS-SS-121020-BD

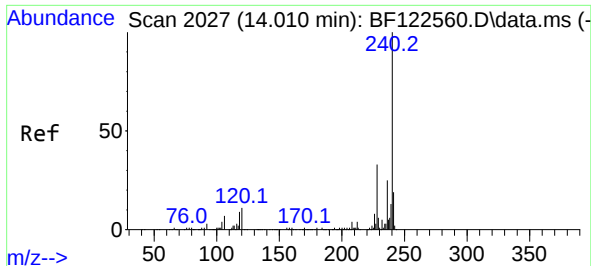
Tgt Ion:188 Resp: 589034
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

Tgt Ion:248 Resp: 27010
Ion Ratio Lower Upper
248 100
250 199.9 76.8 115.2#
141 438.2 59.8 89.8#

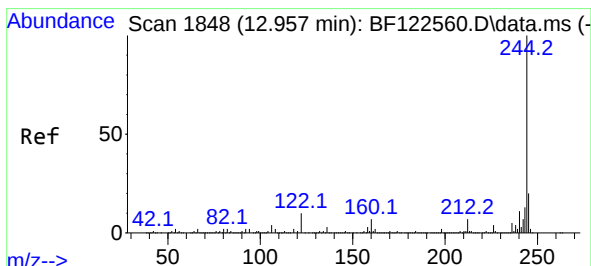
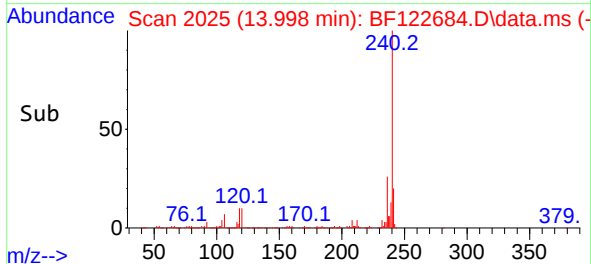
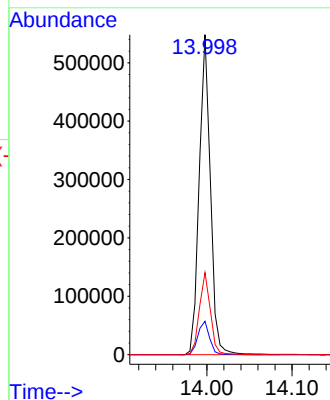
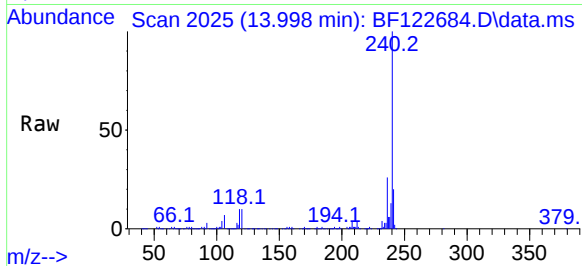




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

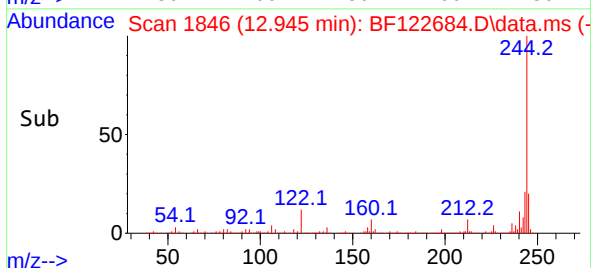
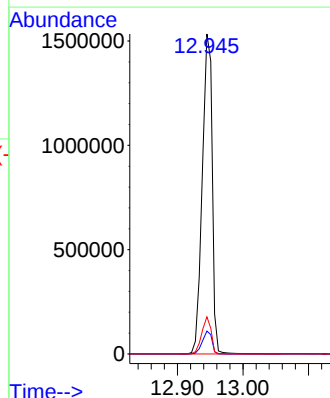
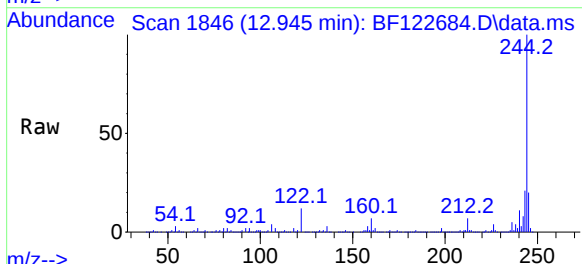
Instrument :
BNA_F
ClientSampleId :
KENS-SS-121020-BD

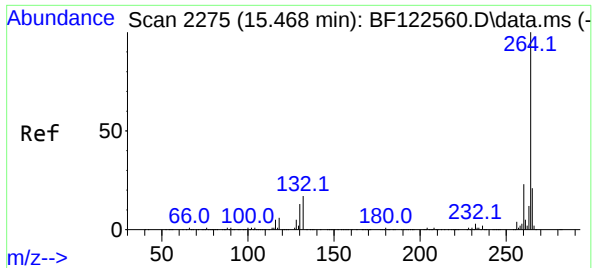
Tgt Ion:240 Resp: 501249
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 56.68 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122684.D
Acq: 12 Dec 2020 18:12

Tgt Ion:244 Resp: 1623130
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.6 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: BF122684.D
Acq: 12 Dec 2020 18:12

Instrument :
BNA_F
ClientSampleId :
KENS-SS-121020-BD

Tgt Ion:264 Resp: 423952
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.0 17.0 25.6

