

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111287.D
 Acq On : 11 Dec 2018 20:09
 Operator : JU/SJ
 Sample : J6157-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-TOTAL

Quant Time: Dec 12 00:26:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	224834	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	917140	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	485809	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	905471	20.00	ng	0.00
76) Chrysene-d12	13.95	240	689125	20.00	ng	0.00
87) Perylene-d12	15.40	264	559975	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	518589	36.42	ng	0.00
7) Phenol-d6	6.42	99	379684	21.46	ng	-0.01
23) Nitrobenzene-d5	7.35	82	933728	57.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	320008	74.36	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1951151	64.89	ng	0.00
79) Terphenyl-d14	12.90	244	1490369	51.88	ng	0.00

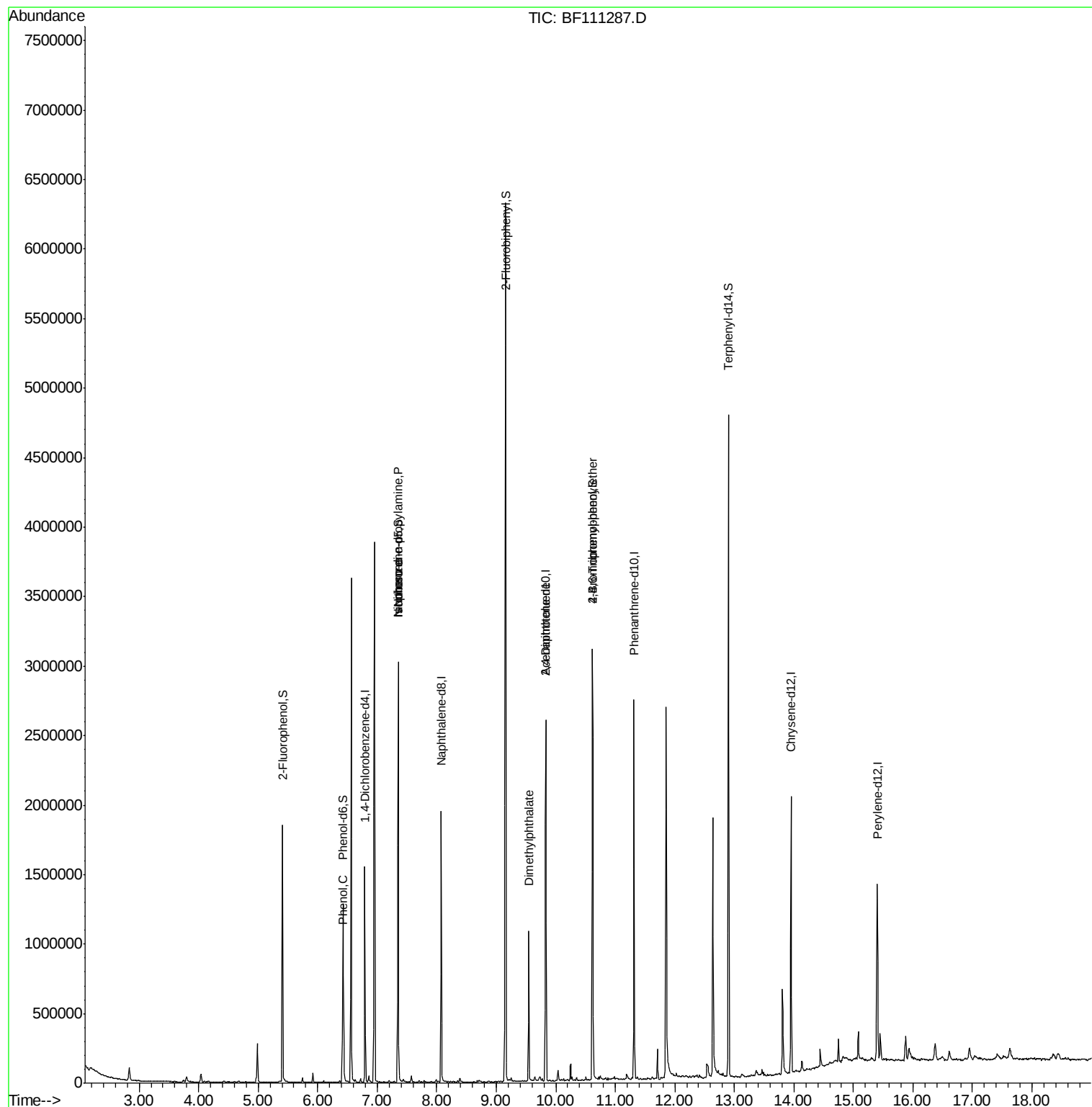
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2295	Below Cal		# 1
10) Phenol	6.43	94	194063	9.379	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	120773	10.189	ng	# 82
25) Isophorone	7.35	82	926080	33.252	ng	# 64
46) 1,1'-Biphenyl	9.25	154	4150	Below Cal		81
50) Dimethylphthalate	9.55	163	373143	10.410	ng	99
57) 2,4-Dinitrotoluene	9.83	165	63494	6.506	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	20585	2.076	ng	# 1

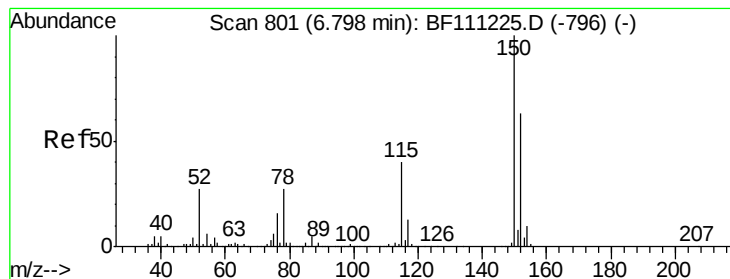
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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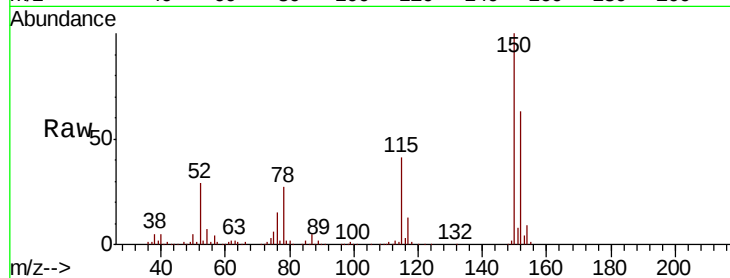


#1

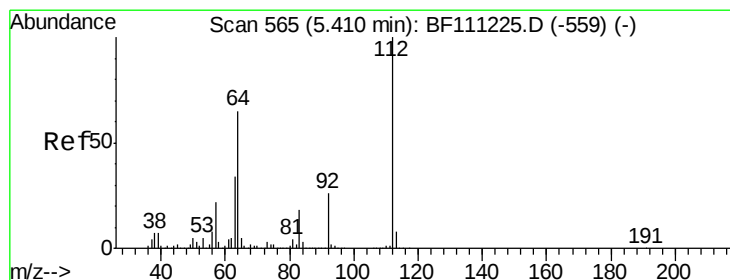
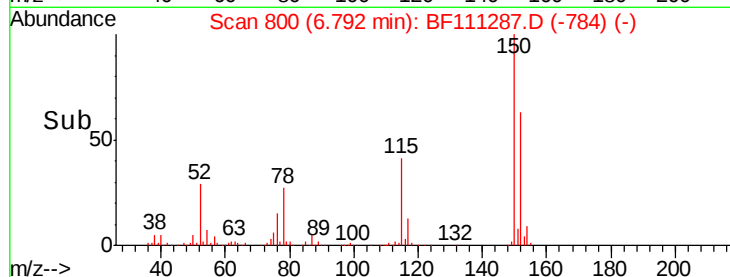
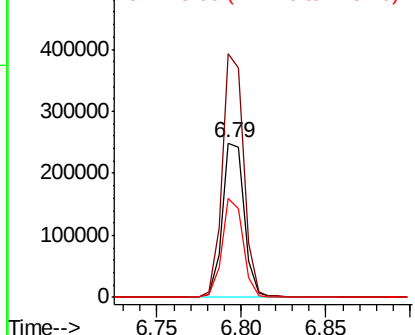
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF111287.D
 Acq: 11 Dec 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-TOTAL

Tgt Ion:152 Resp: 224834
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.6 189.8
 115 64.2 50.7 76.1



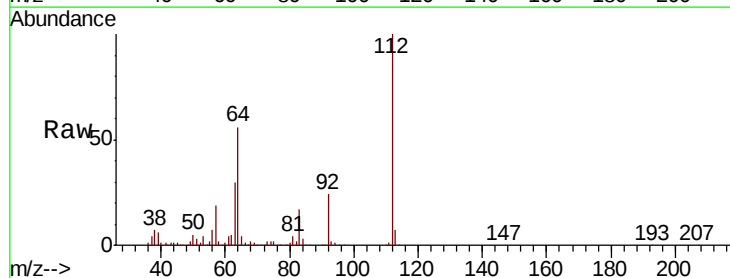
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



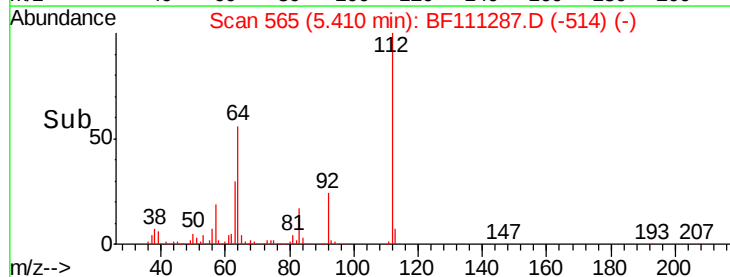
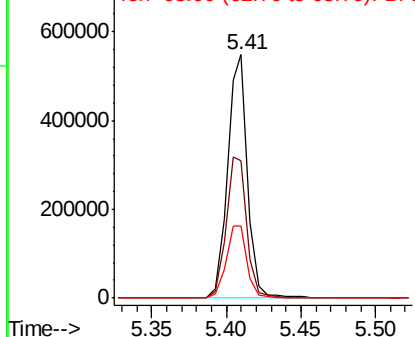
#5

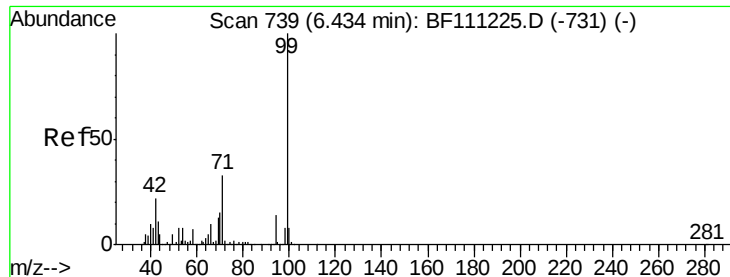
2-Fluorophenol
 Concen: 36.422 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF111287.D
 Acq: 11 Dec 2018 20:09

Tgt Ion:112 Resp: 518589
 Ion Ratio Lower Upper
 112 100
 64 56.3 51.8 77.6
 63 29.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.457 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111287.D

Acq: 11 Dec 2018 20:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-TOTAL

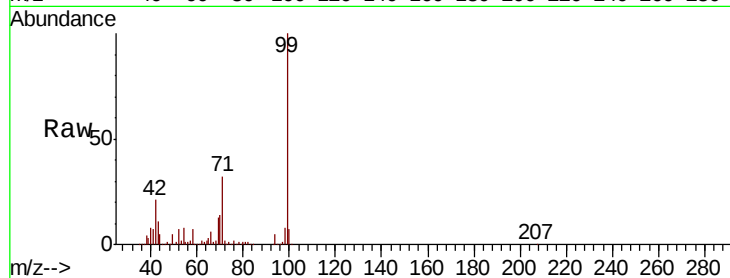
Tgt Ion: 99 Resp: 379684

Ion Ratio Lower Upper

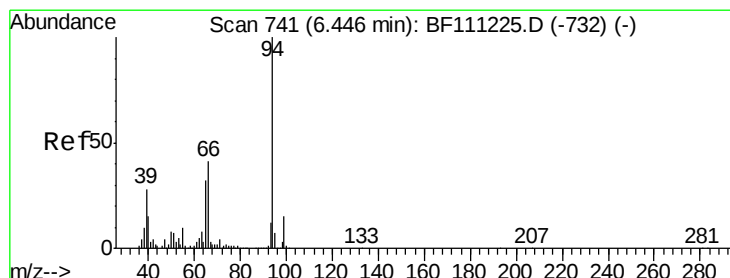
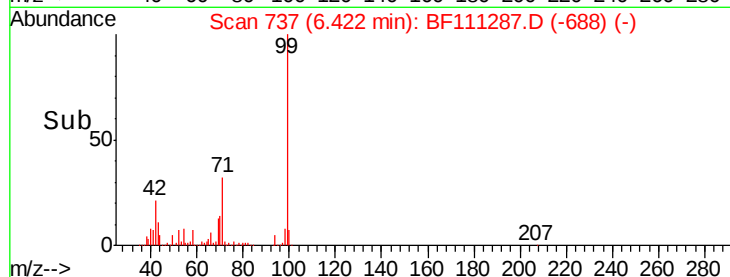
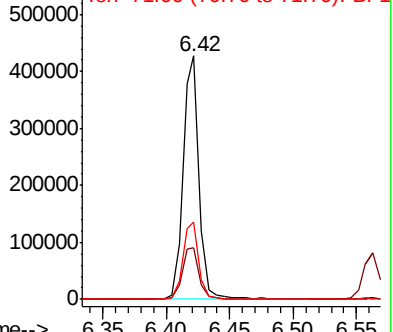
99 100

42 21.4 17.4 26.0

71 31.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 9.379 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111287.D

Acq: 11 Dec 2018 20:09

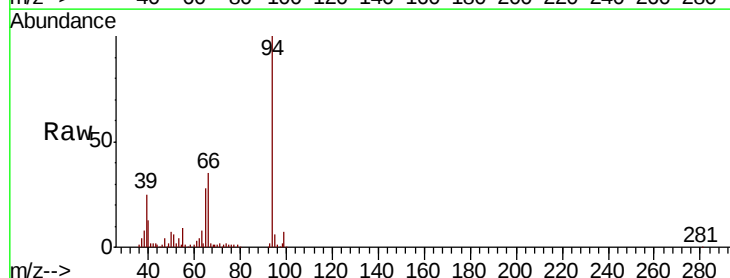
Tgt Ion: 94 Resp: 194063

Ion Ratio Lower Upper

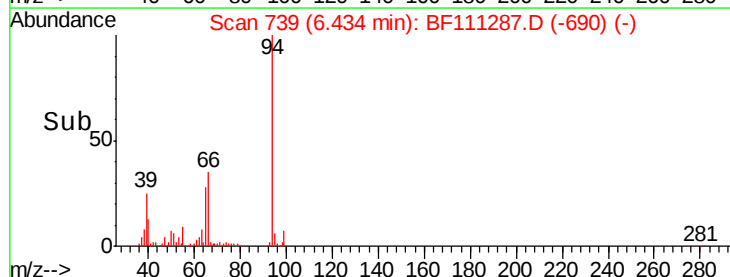
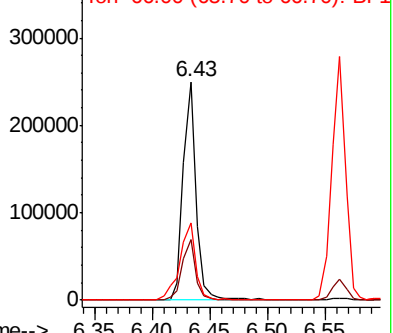
94 100

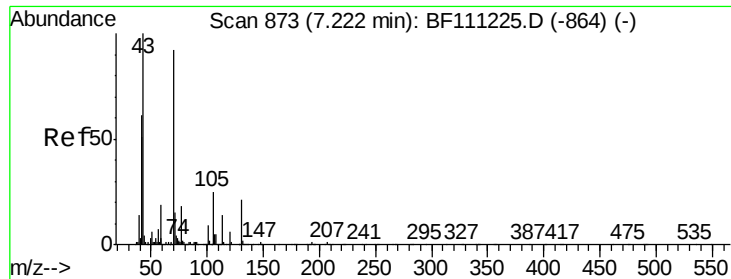
65 27.6 11.7 51.7

66 35.3 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

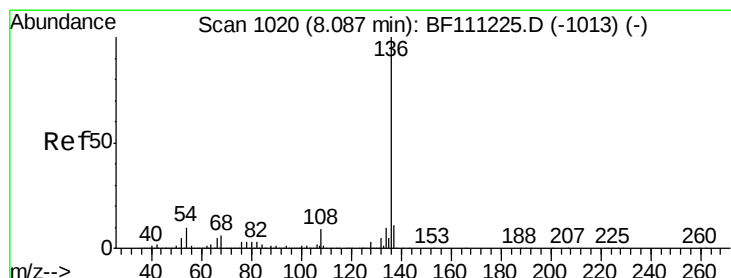
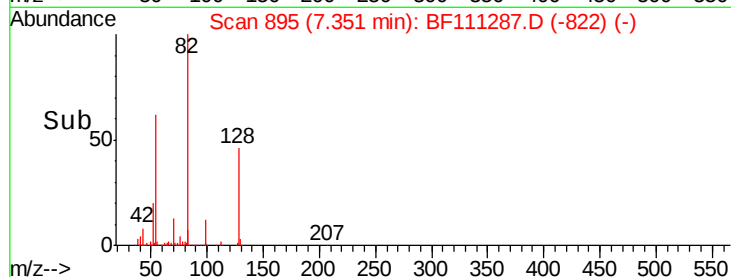
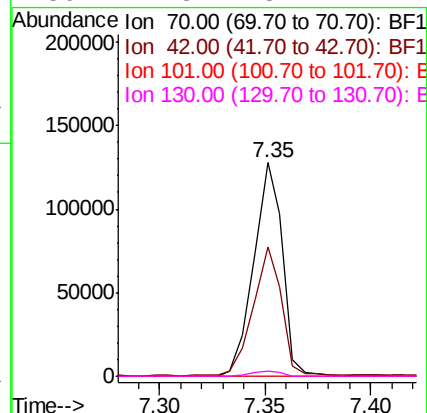
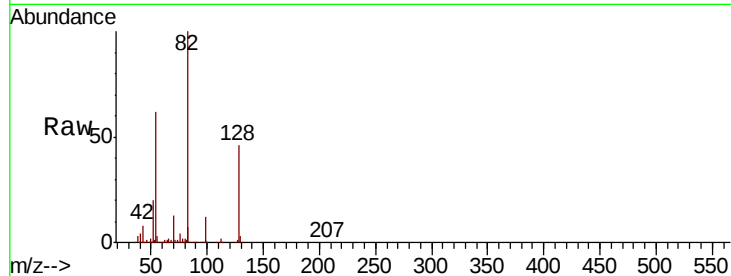




#19
n-Nitroso-di-n-propylamine
Concen: 10.189 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

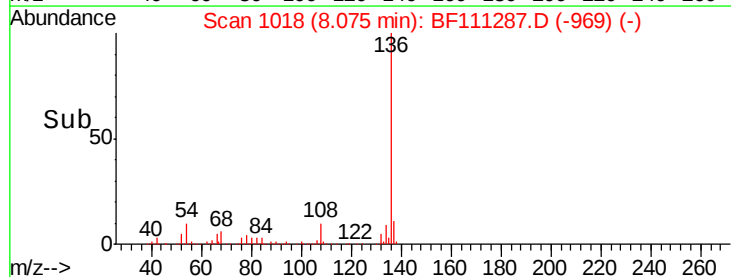
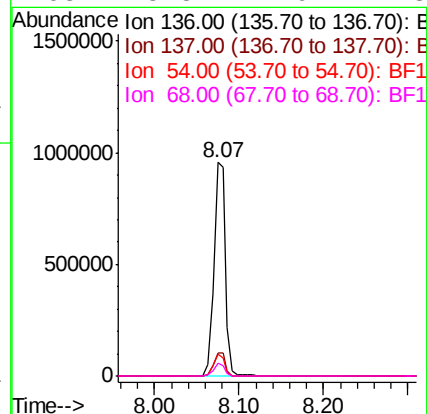
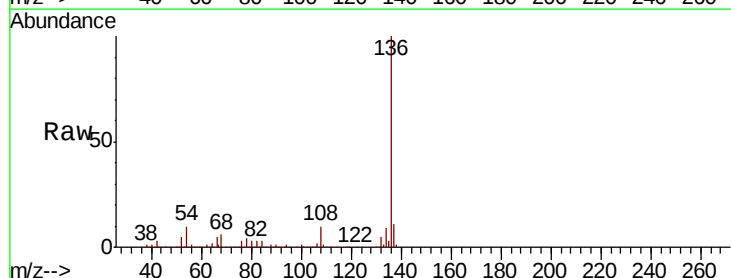
Instrument :
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ClientSampleId :
COMPOSITE-3-TOTAL

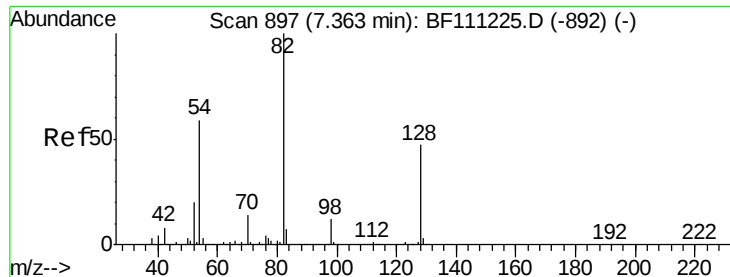
Tgt Ion:	70	Resp:	120773
Ion	Ratio	Lower	Upper
70	100		
42	60.3	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Tgt Ion:	136	Resp:	917140
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.2	7.7	11.5
68	5.8	4.9	7.3

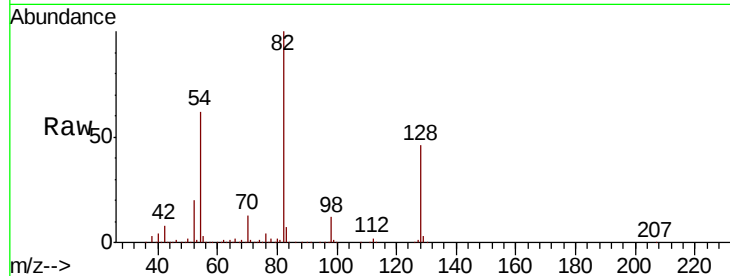




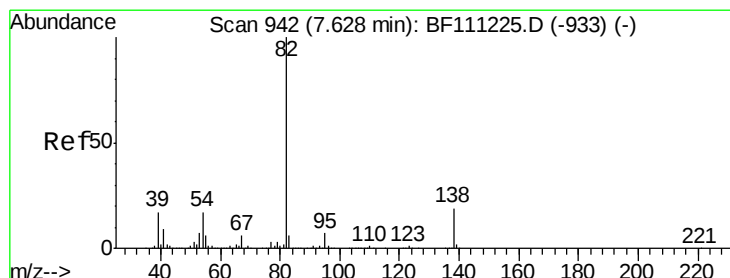
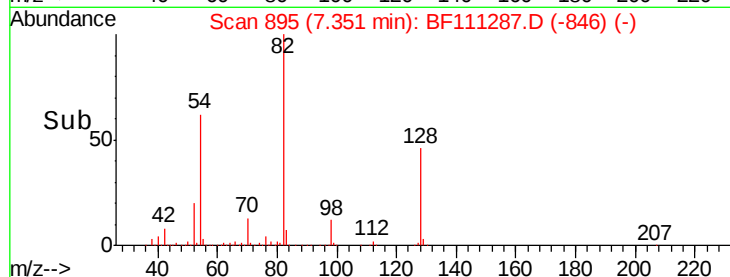
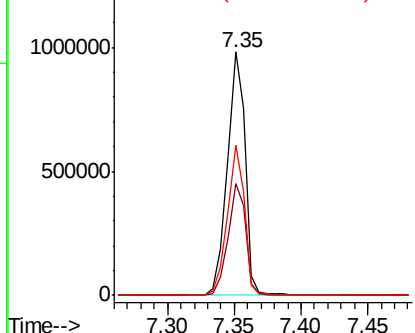
#23
 Nitrobenzene-d5
 Concen: 57.103 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111287.D
 Acq: 11 Dec 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-TOTAL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.4	56.2
54	61.8	47.6	71.4

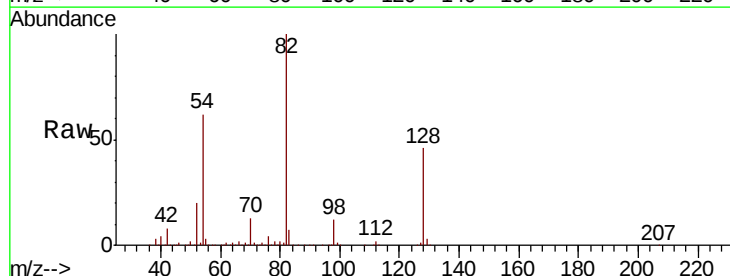


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

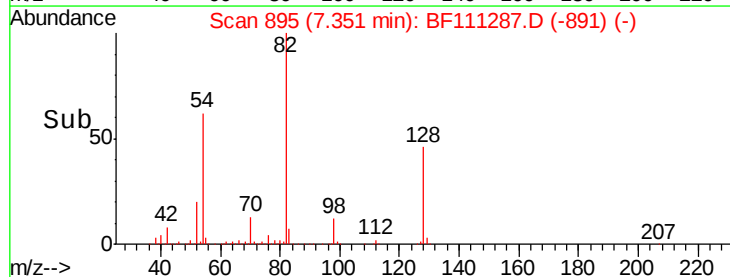
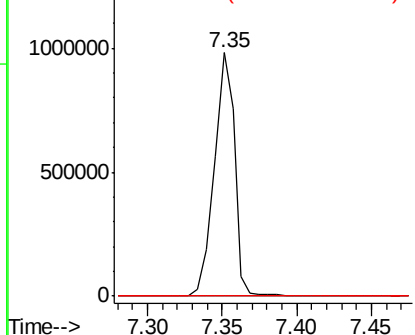


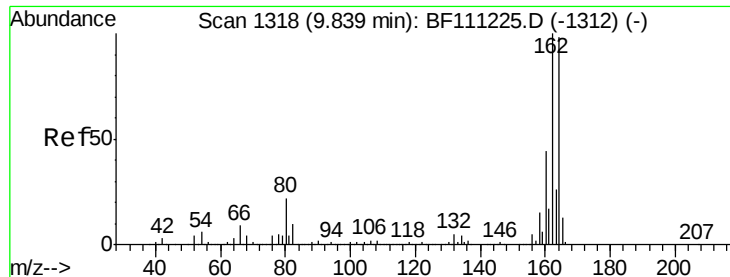
#25
 Isophorone
 Concen: 33.252 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.28 min
 Lab File: BF111287.D
 Acq: 11 Dec 2018 20:09

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

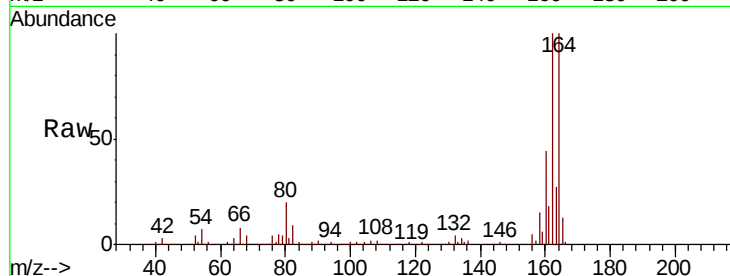




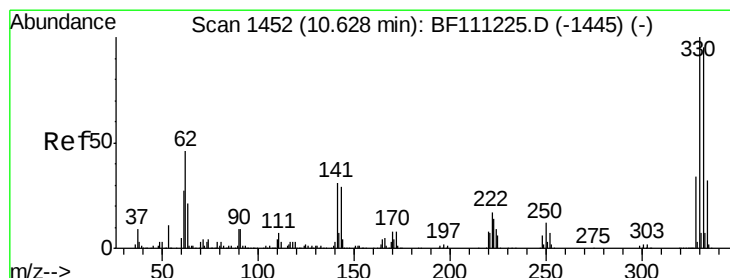
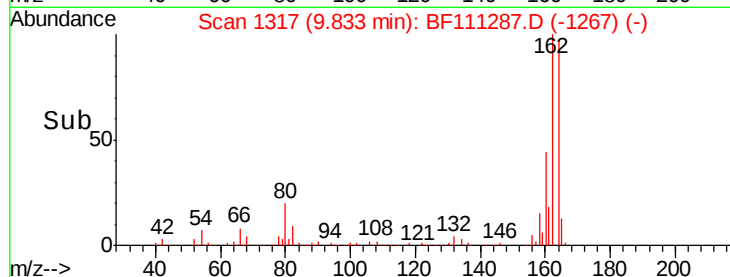
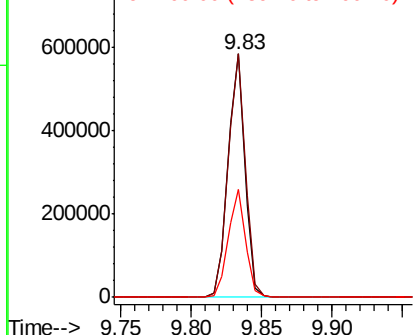
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Instrument :
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Tgt Ion:164 Resp: 485809
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 44.4 35.7 53.5

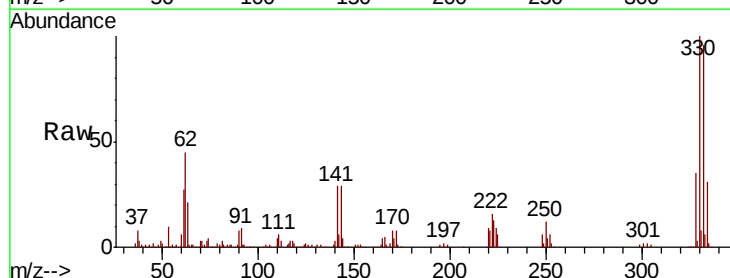


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

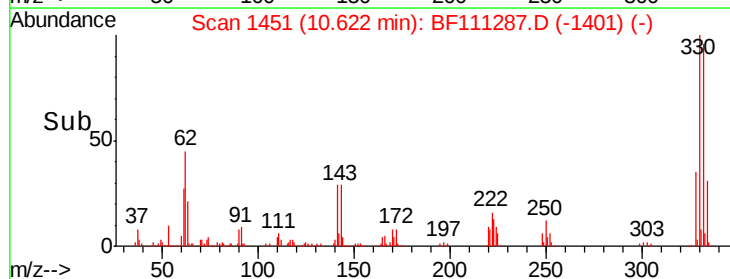
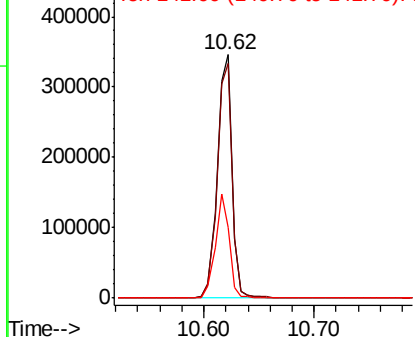


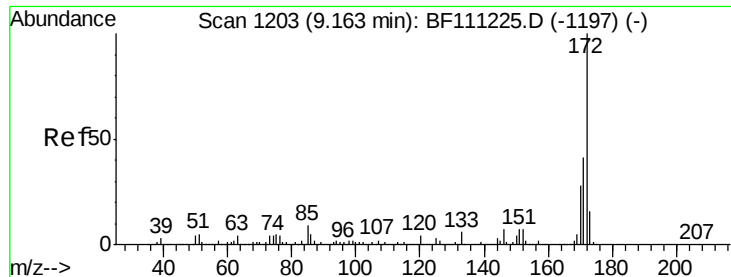
#42
2,4,6-Tribromophenol
Concen: 74.363 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Tgt Ion:330 Resp: 320008
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 40.0 31.0 46.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

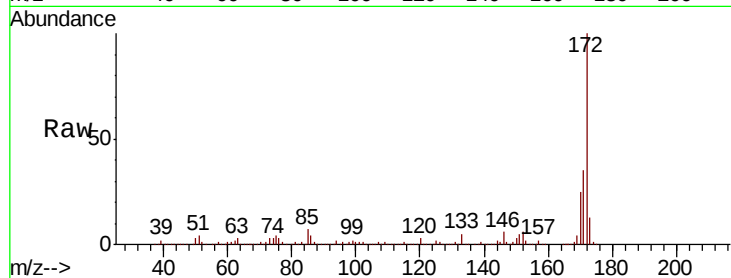




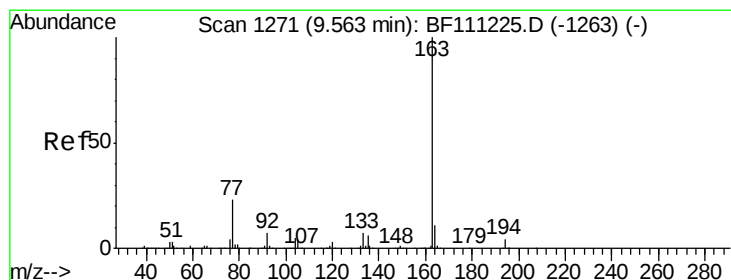
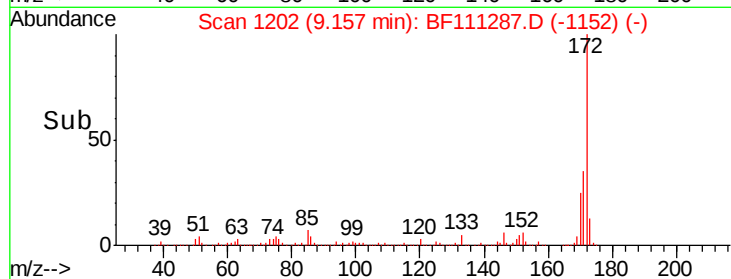
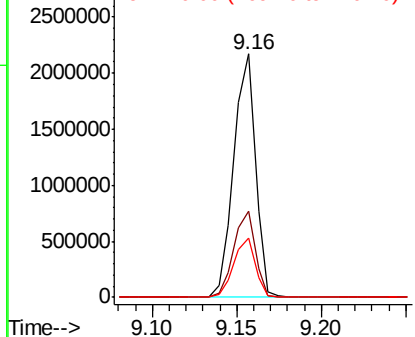
#45
2-Fluorobiphenyl
Concen: 64.886 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

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Tgt Ion:172 Resp: 1951151
Ion Ratio Lower Upper
172 100
171 35.4 33.0 49.4
170 24.5 22.3 33.5

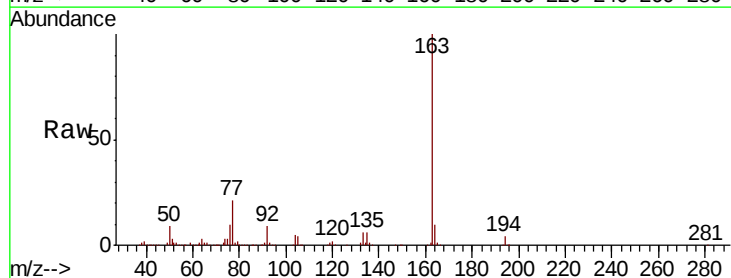


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

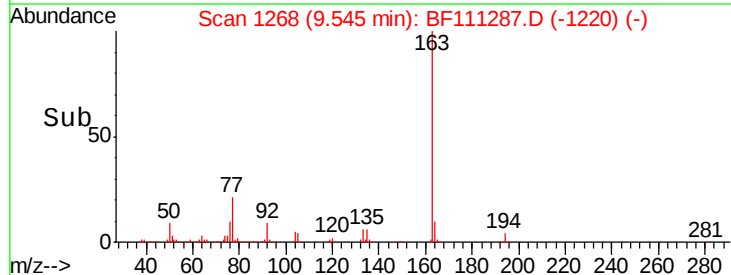
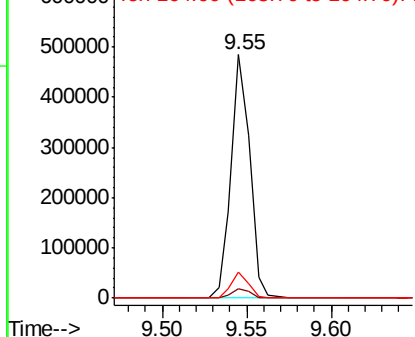


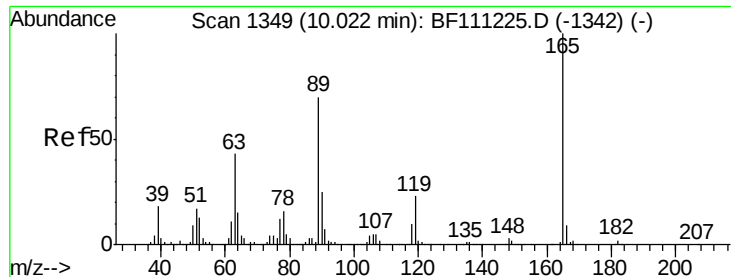
#50
Dimethylphthalate
Concen: 10.410 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Tgt Ion:163 Resp: 373143
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.5 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

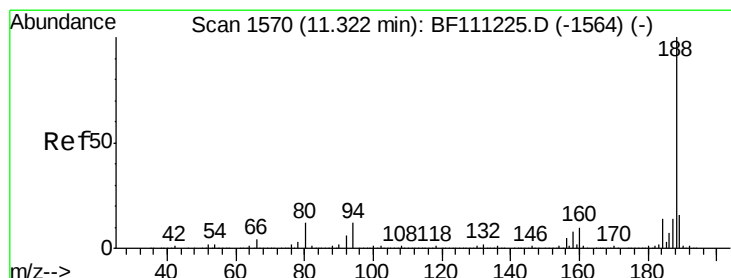
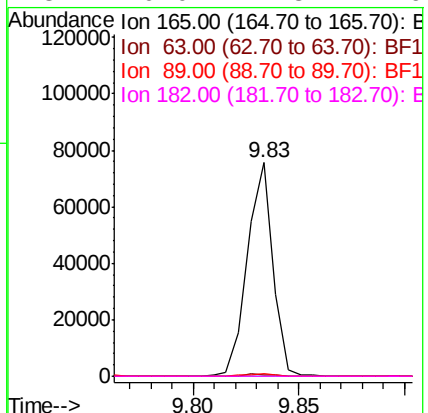
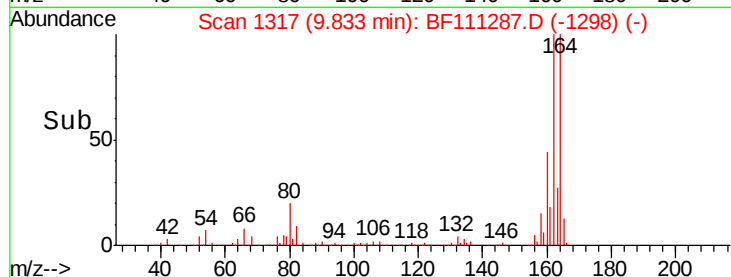
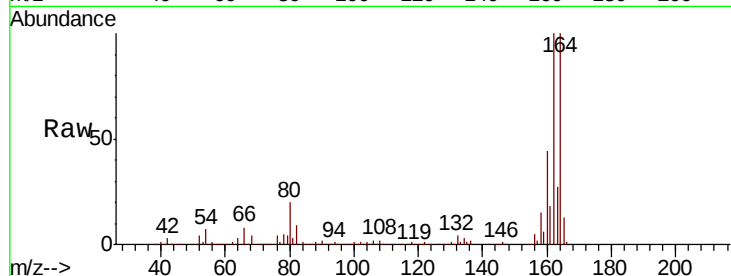




#57
2,4-Dinitrotoluene
Concen: 6.506 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

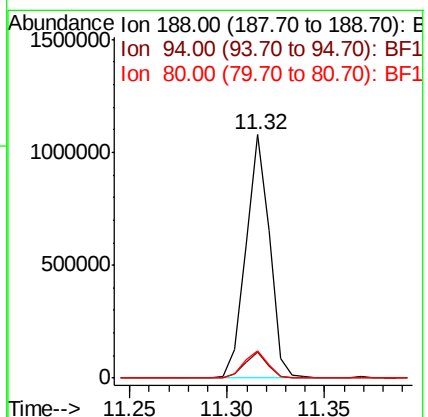
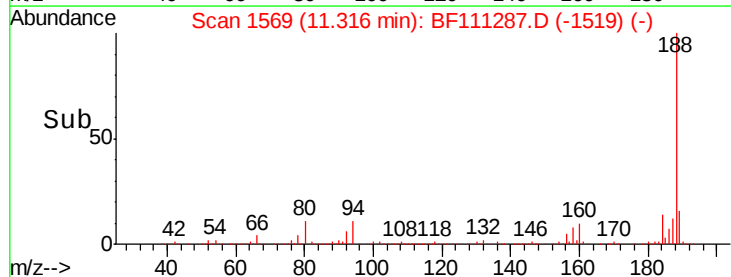
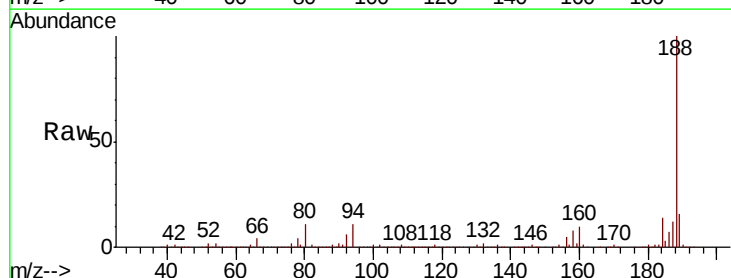
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-TOTAL

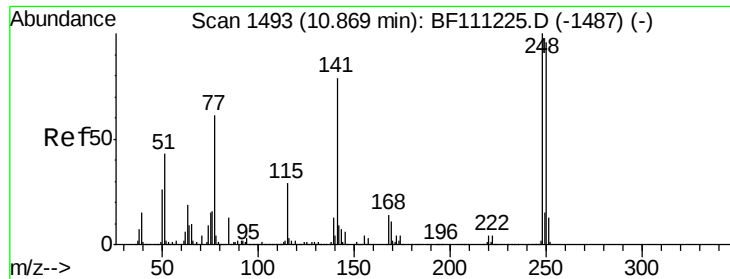
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.6	14.4
80	11.5	9.8	14.6

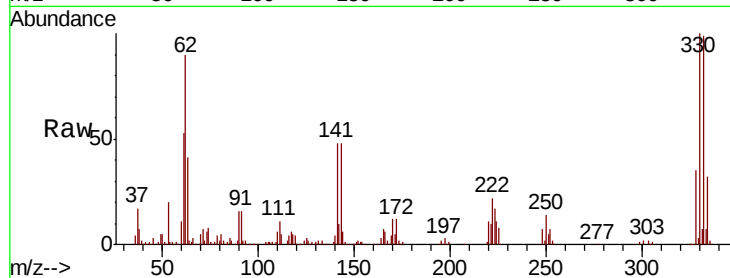




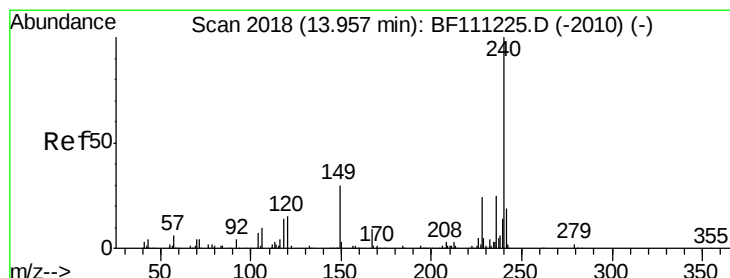
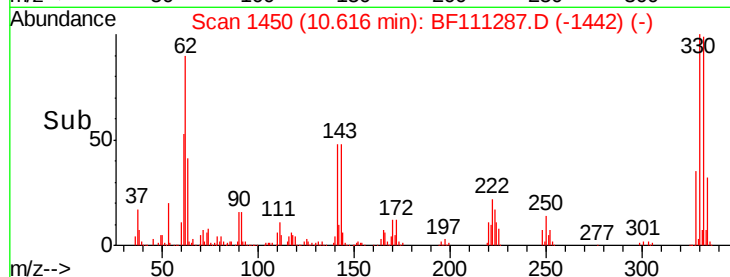
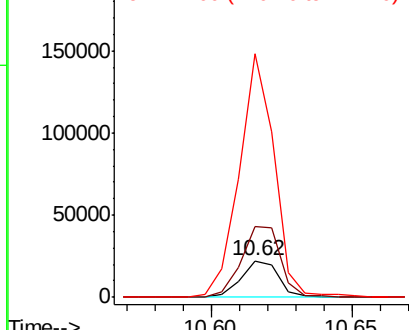
#67
4-Bromophenyl-phenylether
Concen: 2.076 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-TOTAL

Tgt Ion:248 Resp: 20585
Ion Ratio Lower Upper
248 100
250 193.9 77.0 115.4#
141 663.0 63.0 94.6#

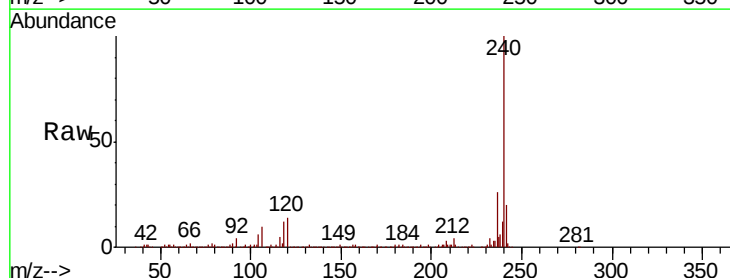


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

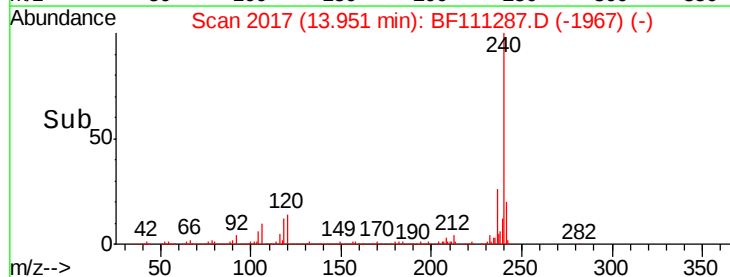
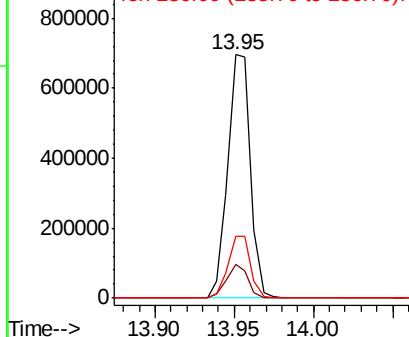


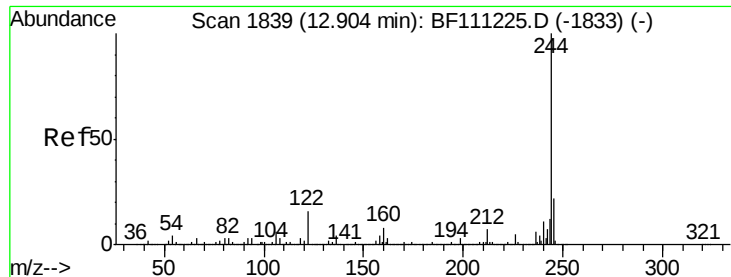
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111287.D
Acq: 11 Dec 2018 20:09

Tgt Ion:240 Resp: 689125
Ion Ratio Lower Upper
240 100
120 13.9 12.2 18.2
236 25.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 51.875 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111287.D

Acq: 11 Dec 2018 20:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-TOTAL

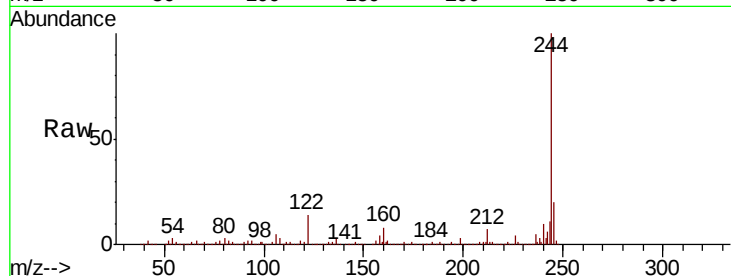
Tgt Ion:244 Resp: 1490369

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

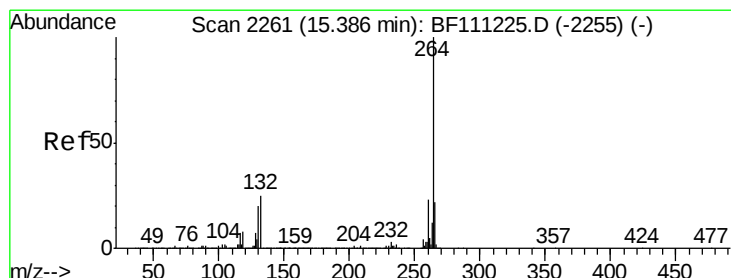
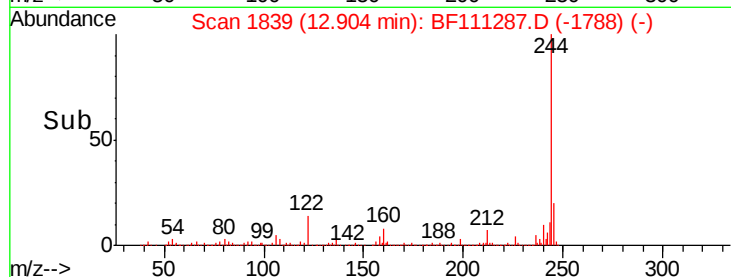
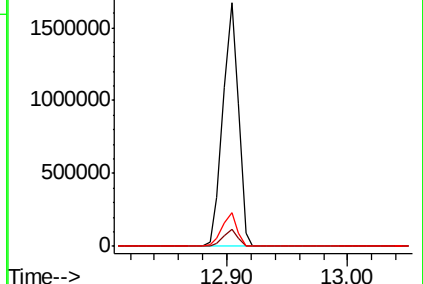
122 13.6 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF111287.D

Acq: 11 Dec 2018 20:09

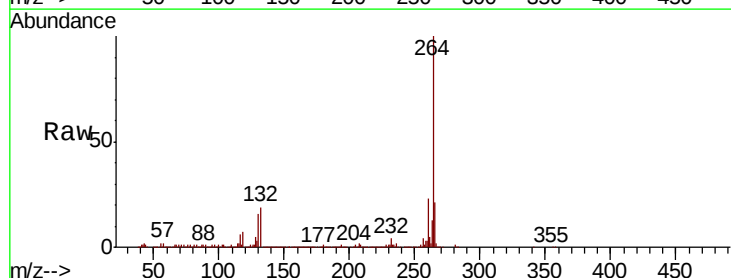
Tgt Ion:264 Resp: 559975

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

