

Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

Quant Time: Jun 03 01:33:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	374970	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1433516	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	704896	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1407880	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1035427	20.00	ng	0.00
87) Perylene-d12	15.20	264	977647	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2490048	116.59	ng	0.01
7) Phenol-d6	6.33	99	3030879	117.77	ng	0.00
23) Nitrobenzene-d5	7.25	82	1899119	82.65	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	780306	116.18	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3167019	84.26	ng	0.00
79) Terphenyl-d14	12.78	244	3497508	63.51	ng	0.00

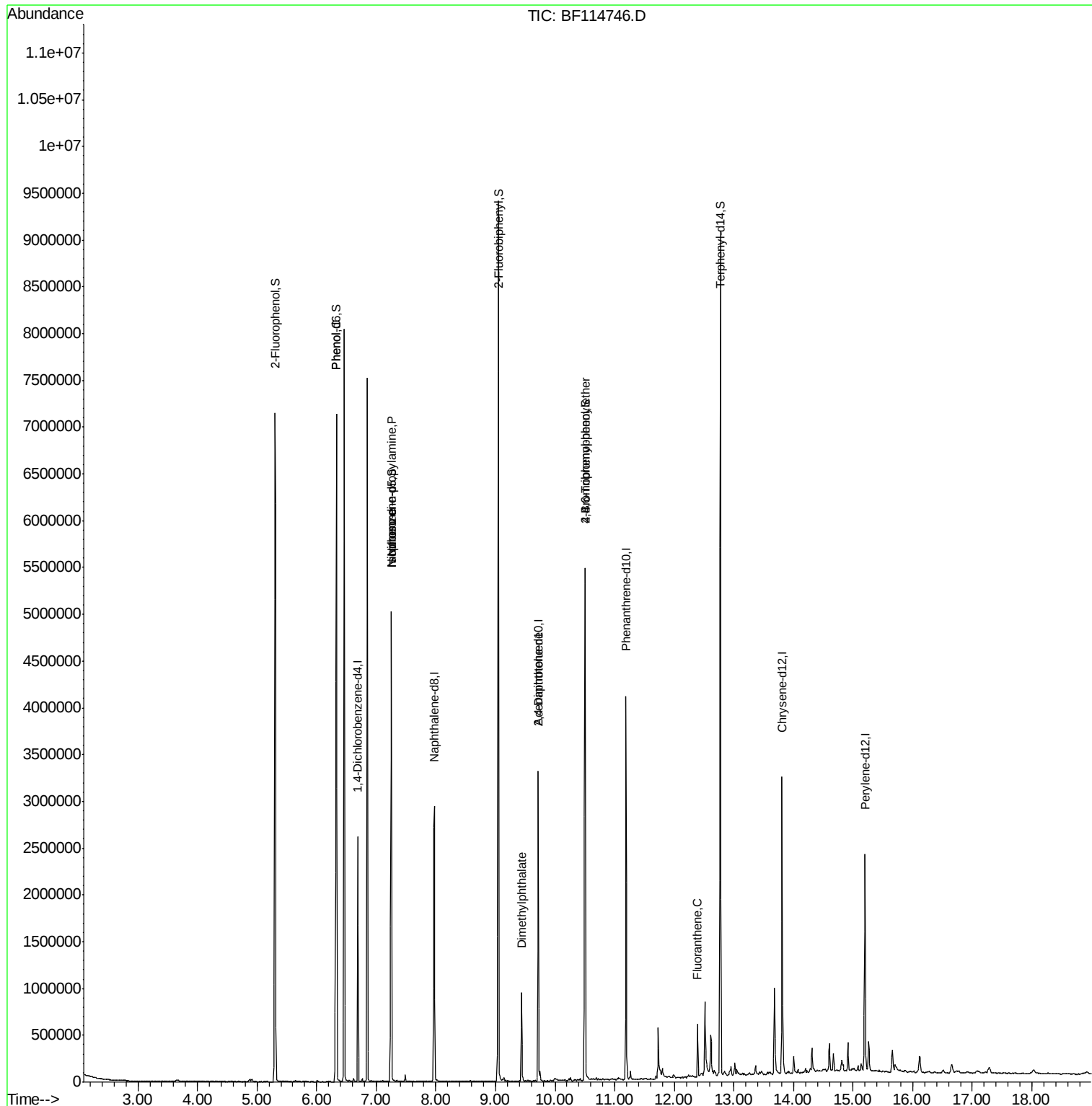
Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	5631	Below Cal	#	1
10) Phenol	6.34	94	110469	3.553 ng	#	76
19) n-Nitroso-di-n-propylamine	7.25	70	260618	14.671 ng	#	76
25) Isophorone	7.25	82	1828357	39.650 ng	#	63
50) Dimethylphthalate	9.44	163	364385	7.419 ng		99
57) 2,4-Dinitrotoluene	9.72	165	91913	6.275 ng	#	23
58) Fluorene	10.26	166	9067	Below Cal		95
67) 4-Bromophenyl-phenylether	10.50	248	49595	3.285 ng	#	1
74) Di-n-butylphthalate	11.76	149	4924	Below Cal	#	81
75) Fluoranthene	12.39	202	205205	2.759 ng		96

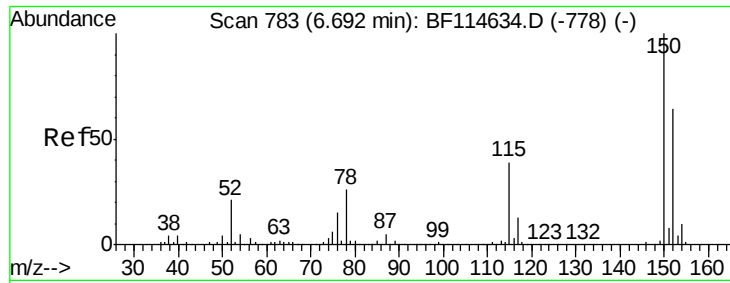
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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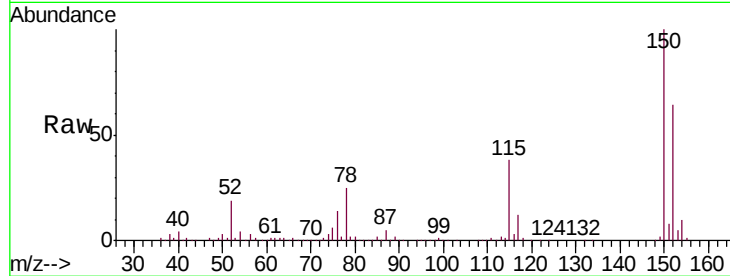


#1

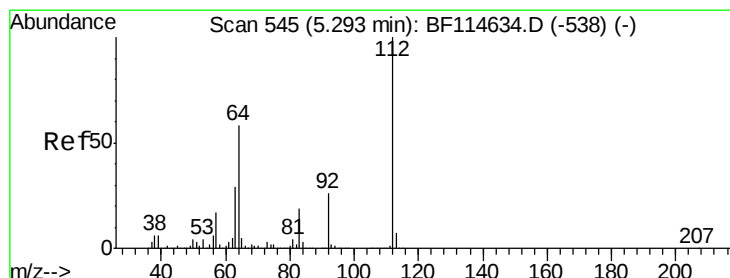
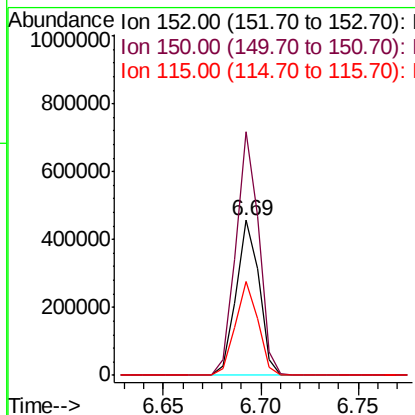
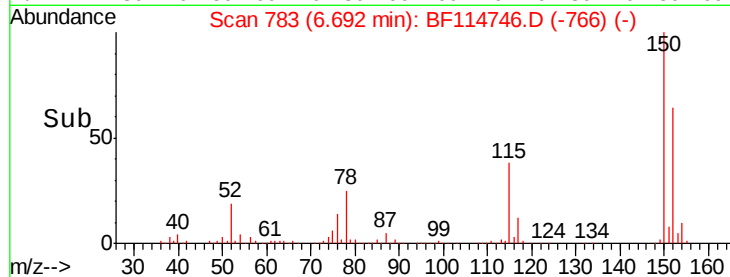
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

Tgt Ion:152 Resp: 374970
Ion Ratio Lower Upper
152 100
150 157.2 124.4 186.6
115 60.5 48.7 73.1



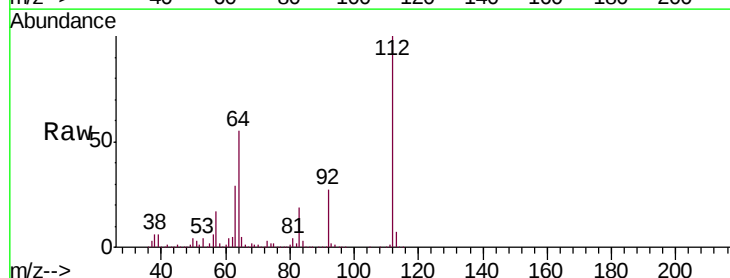
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



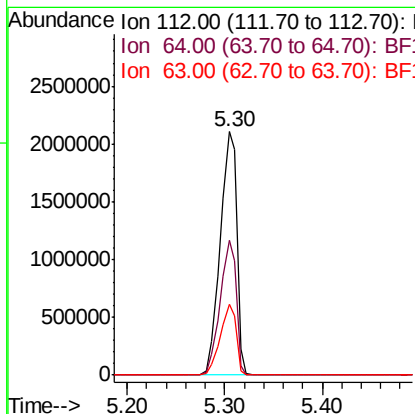
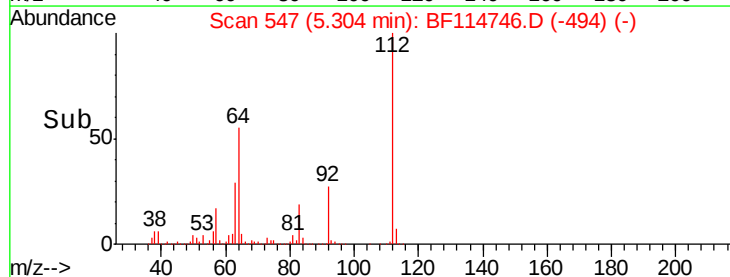
#5

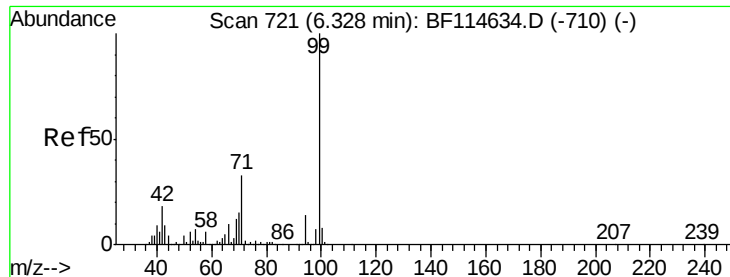
2-Fluorophenol
Concen: 116.591 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Tgt Ion:112 Resp: 2490048
Ion Ratio Lower Upper
112 100
64 55.5 46.1 69.1
63 29.2 23.4 35.2



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: 117.767 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114746.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

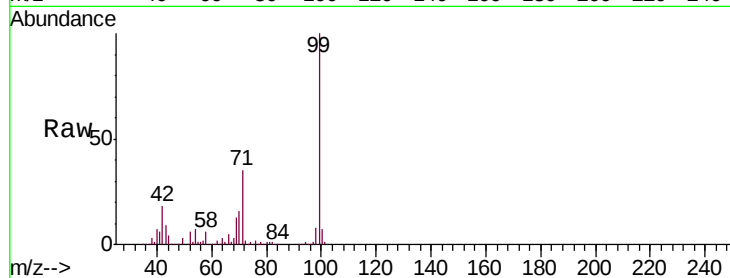
Tgt Ion: 99 Resp: 3030879

Ion Ratio Lower Upper

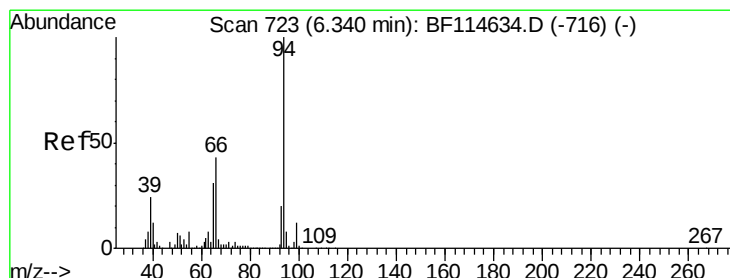
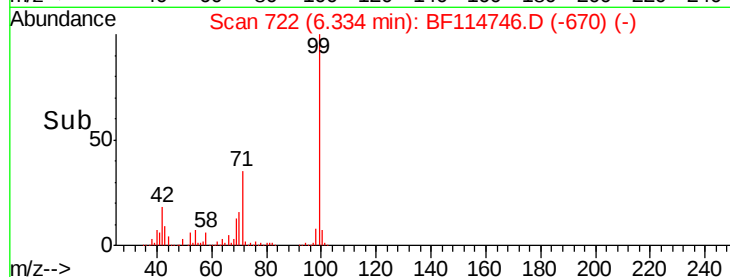
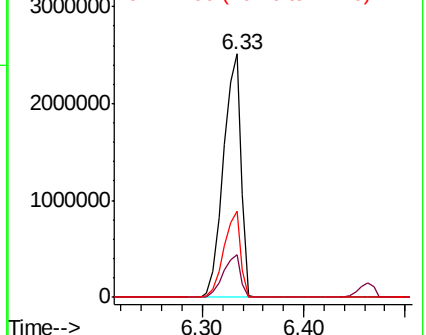
99 100

42 17.7 14.7 22.1

71 35.3 26.6 40.0



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: 3.553 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF114746.D

Acq: 1 Jun 2019 10:27

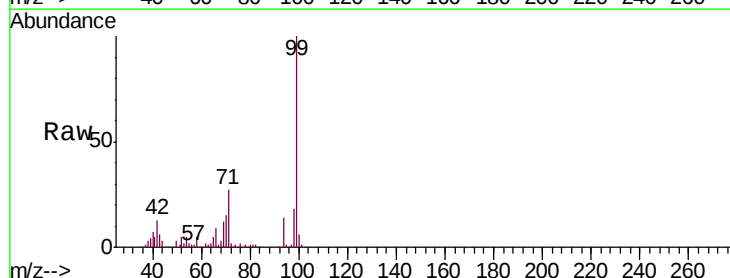
Tgt Ion: 94 Resp: 110469

Ion Ratio Lower Upper

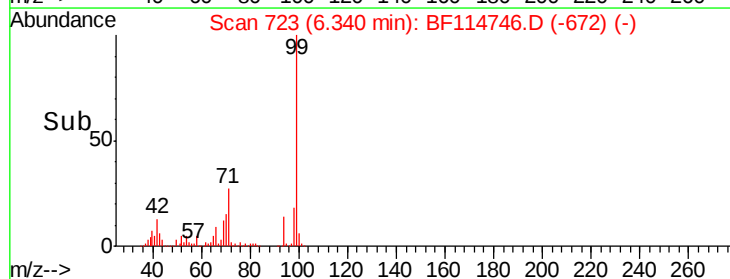
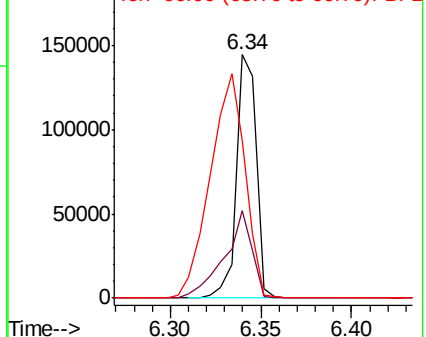
94 100

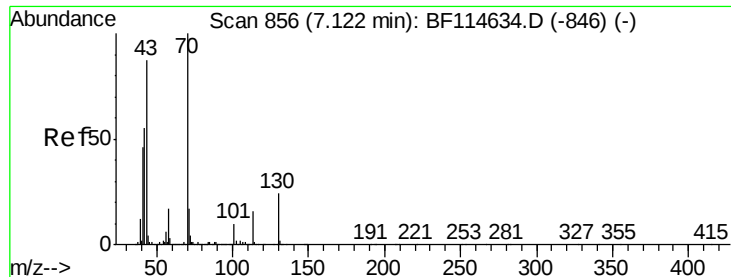
65 35.7 11.0 51.0

66 65.1 23.0 63.0#



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

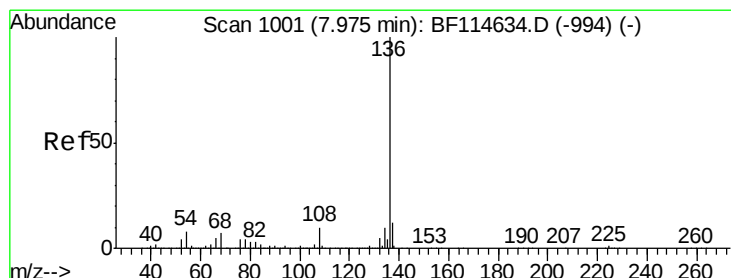
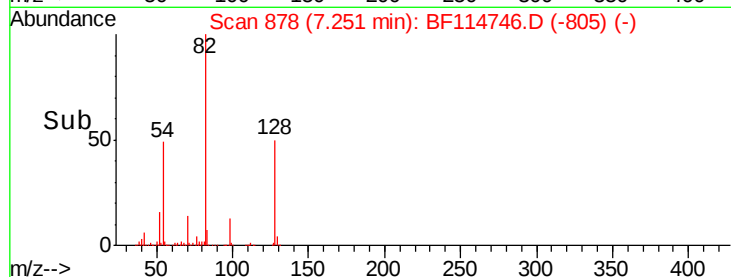
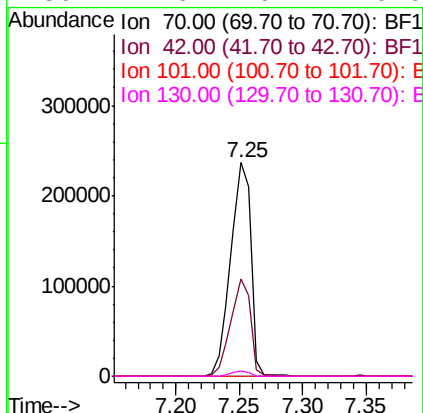
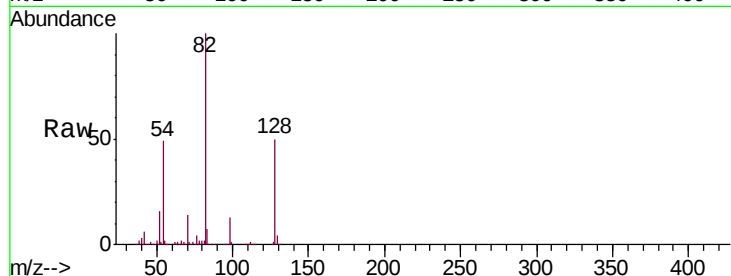




#19
n-Nitroso-di-n-propylamine
Concen: 14.671 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

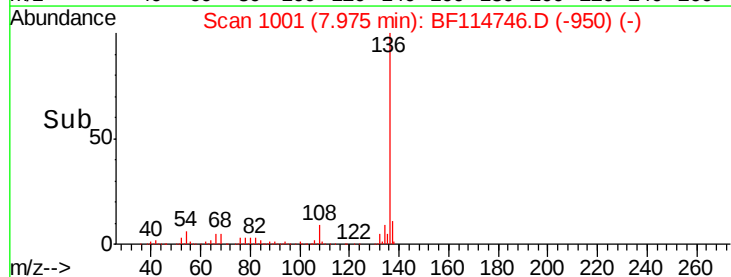
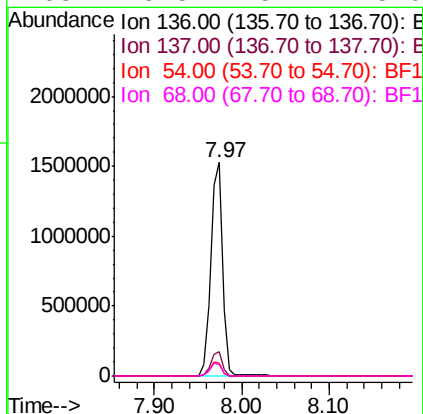
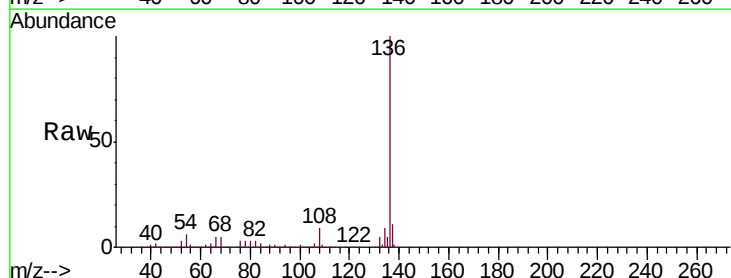
Instrument :
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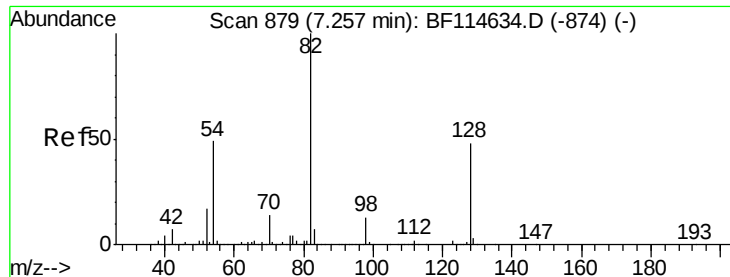
Tgt Ion:	70	Resp:	260618
Ion	Ratio	Lower	Upper
70	100		
42	45.3	44.4	66.6
101	0.0	8.2	12.4#
130	2.6	19.4	29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Tgt Ion:	136	Resp:	1433516
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	6.2	6.3	9.5#
68	5.5	5.4	8.0

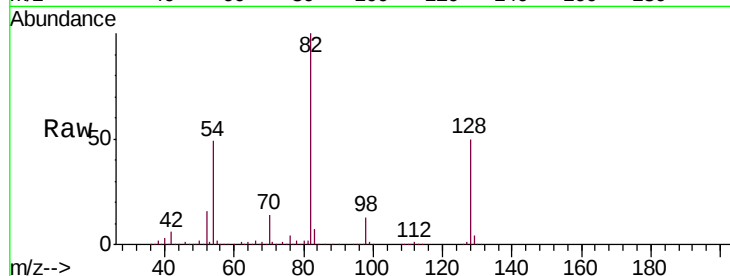




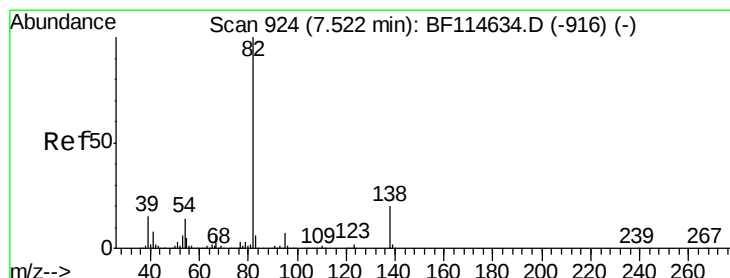
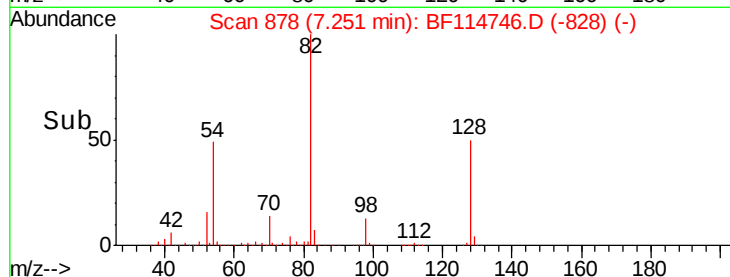
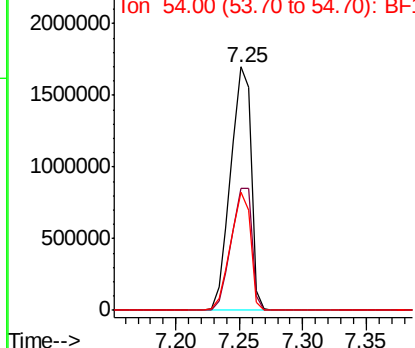
#23
Nitrobenzene-d5
Concen: 82.653 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

Tgt Ion: 82 Resp: 1899119
Ion Ratio Lower Upper
82 100
128 50.1 38.5 57.7
54 48.7 39.1 58.7

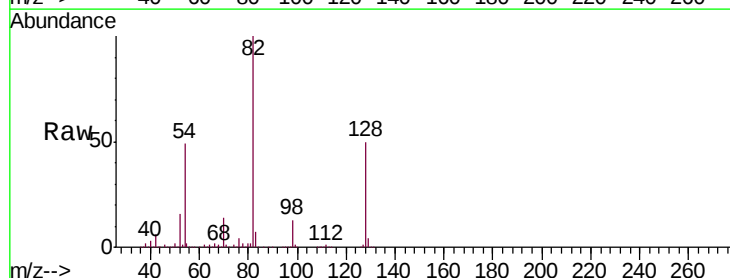


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

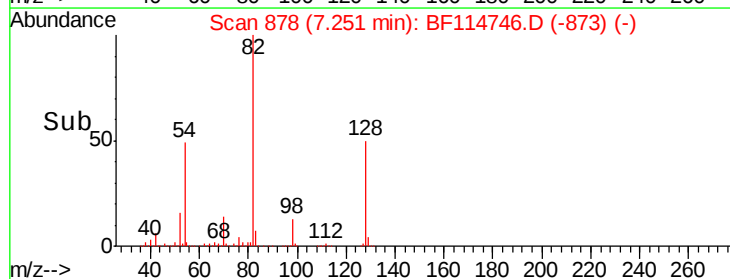
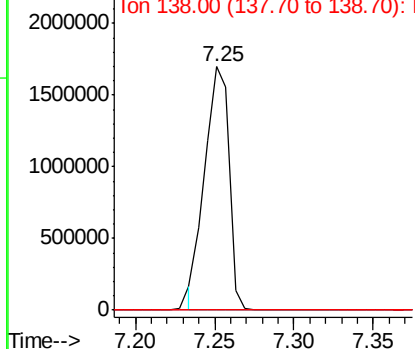


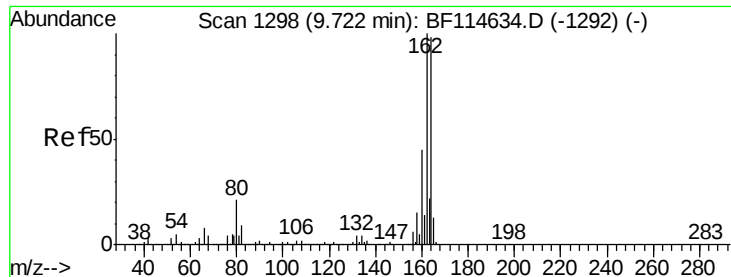
#25
Isophorone
Concen: 39.650 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Tgt Ion: 82 Resp: 1828357
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.9 23.9#



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

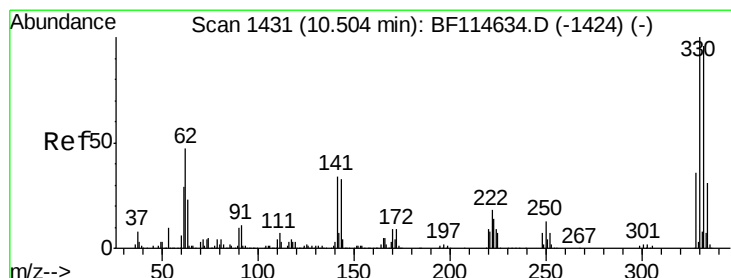
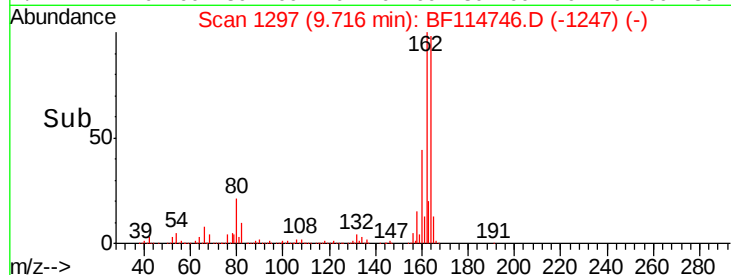
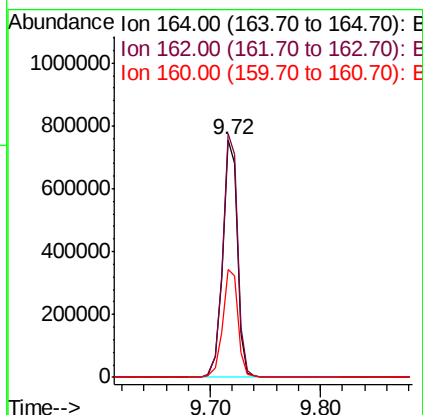
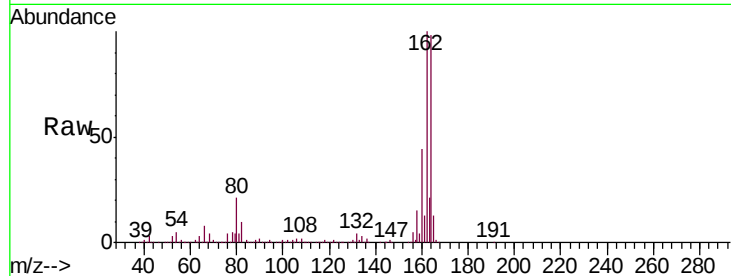




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF114746.D
 Acq: 1 Jun 2019 10:27

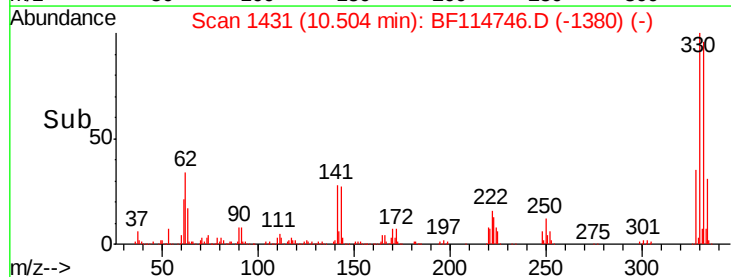
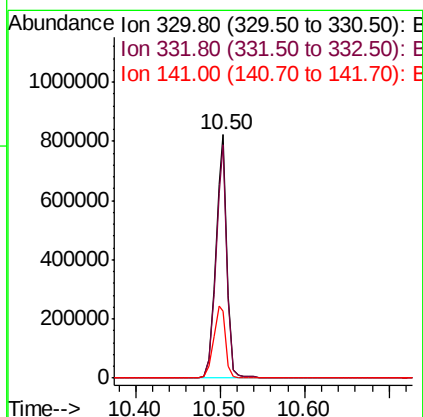
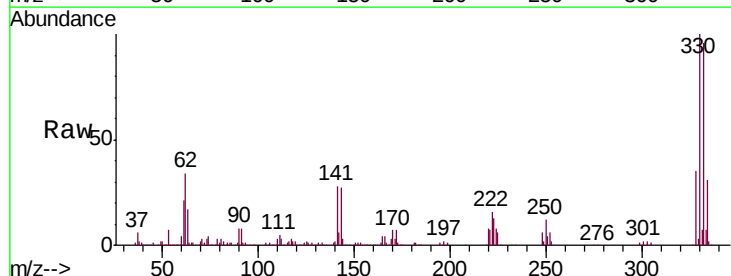
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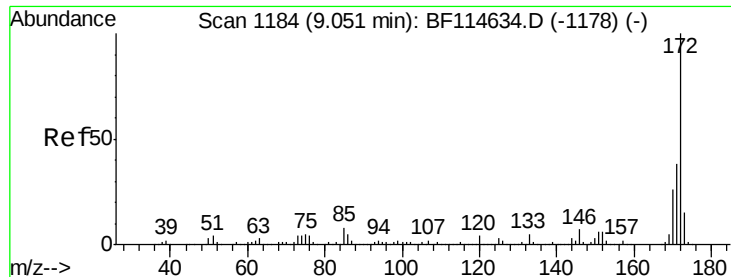
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.4	122.2
160	45.2	36.6	54.8



#42
 2,4,6-Tribromophenol
 Concen: 116.177 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114746.D
 Acq: 1 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.8	113.8
141	32.5	27.8	41.8

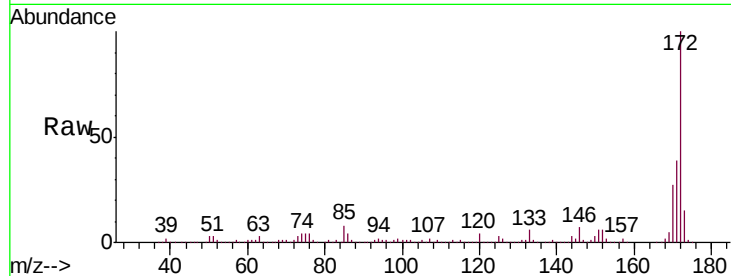




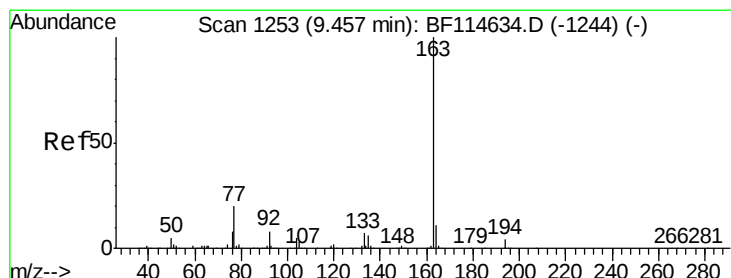
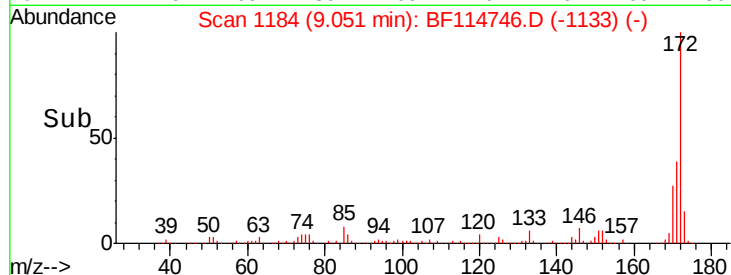
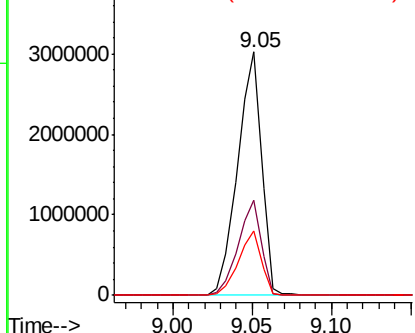
#45
2-Fluorobiphenyl
Concen: 84.259 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_F
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Tgt Ion:172 Resp: 3167019
Ion Ratio Lower Upper
172 100
171 38.9 30.6 45.8
170 26.7 20.7 31.1

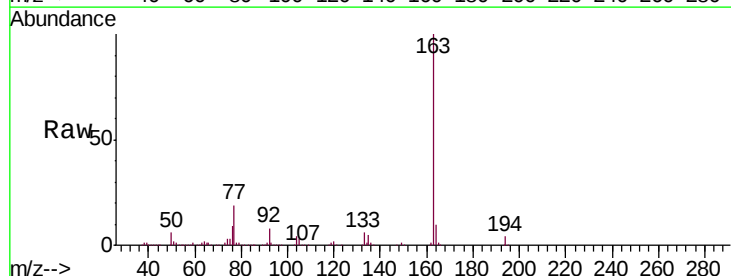


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

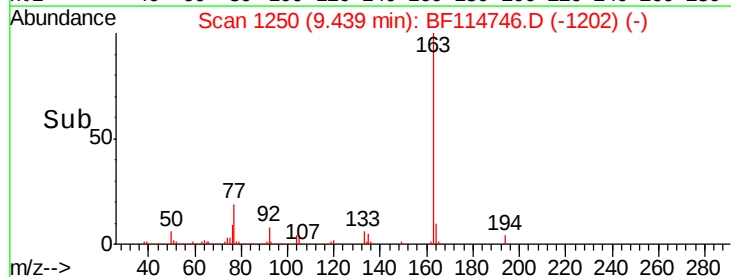
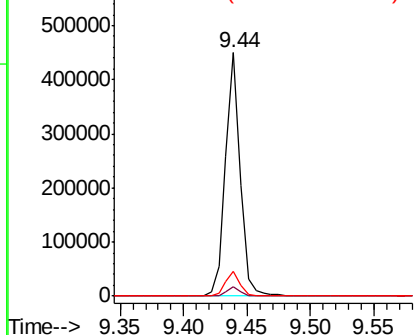


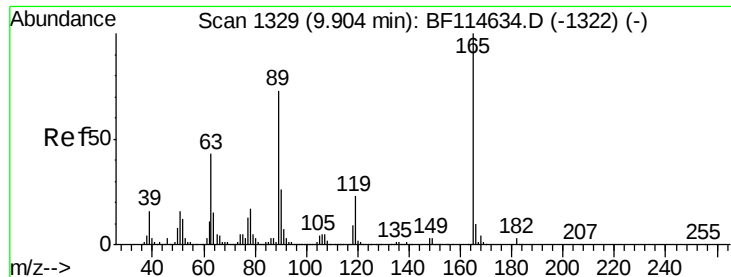
#50
Dimethylphthalate
Concen: 7.419 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Tgt Ion:163 Resp: 364385
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.6 13.0



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

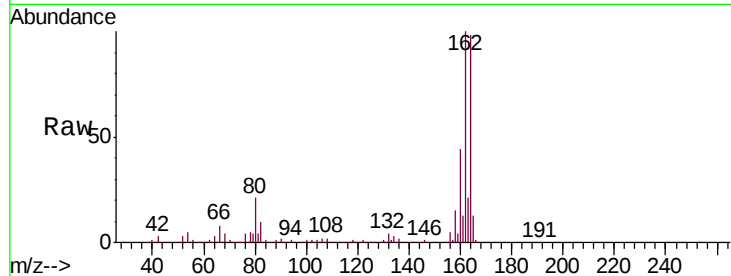




#57
2,4-Dinitrotoluene
Concen: 6.275 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.19 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

Tgt Ion:	165	Resp:	91913
Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.8	52.2#
89	1.1	58.5	87.7#
182	0.0	2.2	3.2#



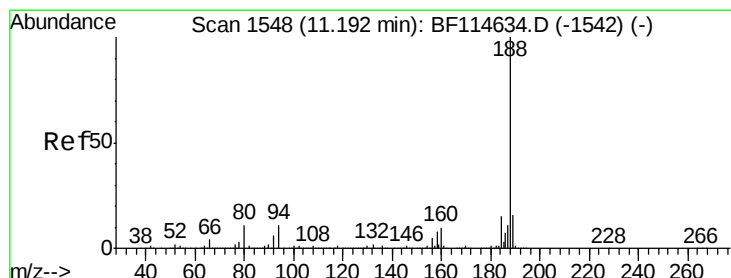
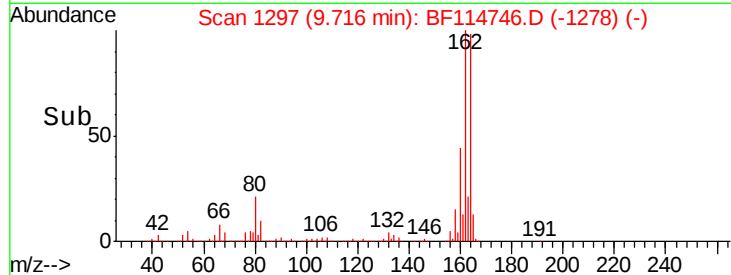
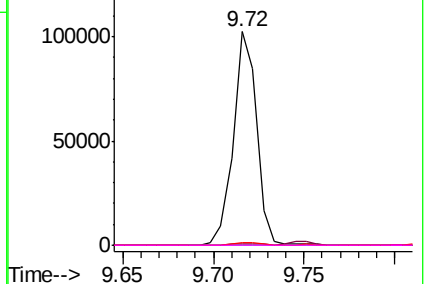
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

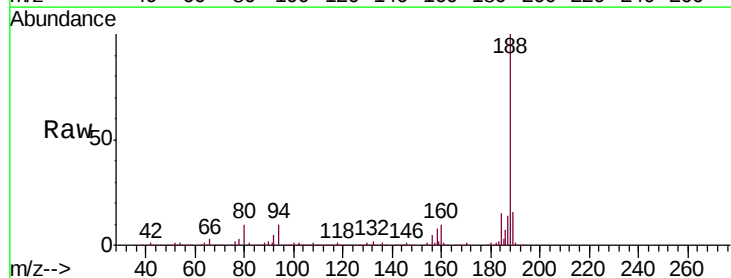
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Tgt Ion:	188	Resp:	1407880
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	13.0
80	10.1	9.0	13.6

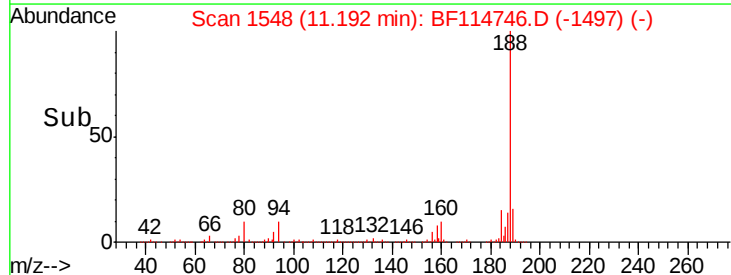
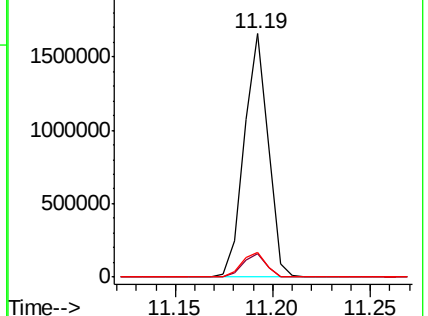


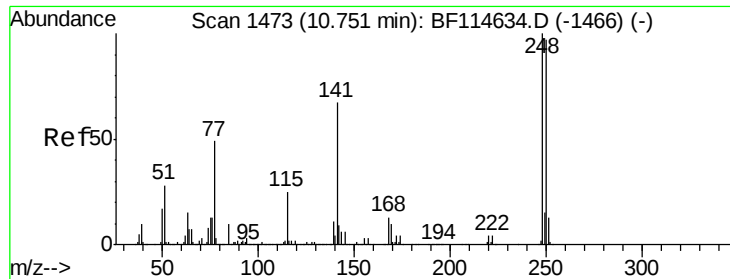
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

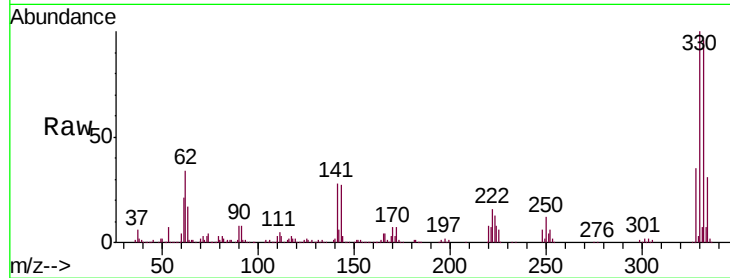




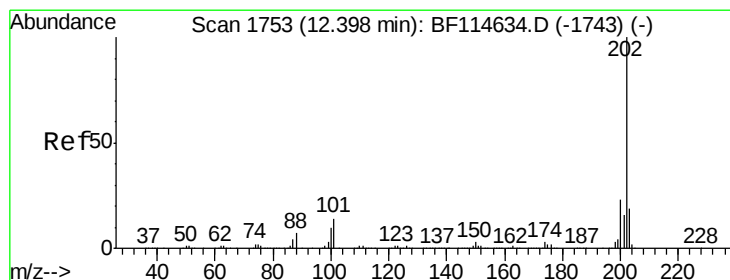
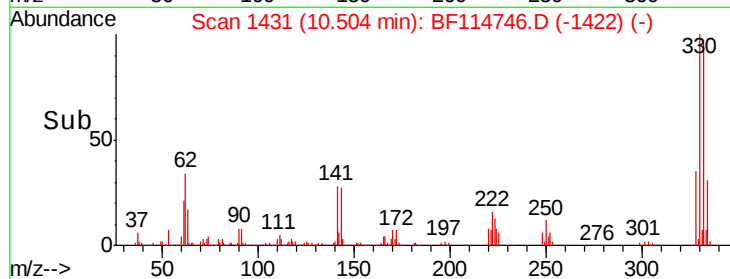
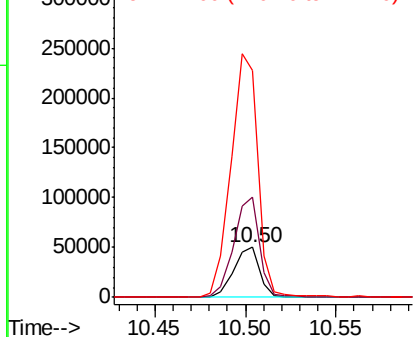
#67
 4-Bromophenyl-phenylether
 Concen: 3.285 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114746.D
 Acq: 1 Jun 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 0428-HR-8(HACKENSACK)

Tgt Ion:248 Resp: 49595
 Ion Ratio Lower Upper
 248 100
 250 201.2 78.0 117.0#
 141 456.4 53.8 80.8#

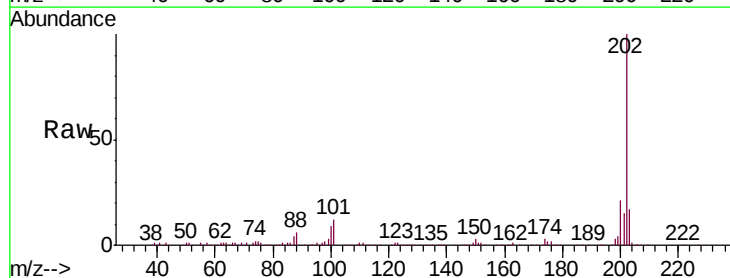


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

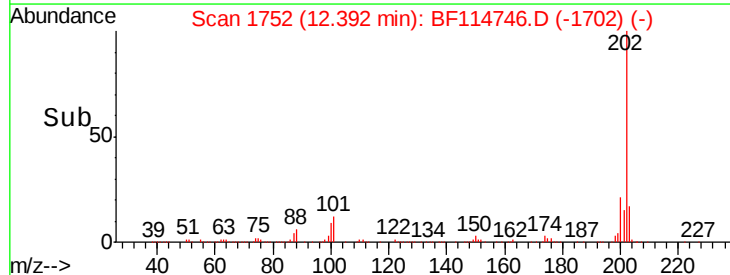
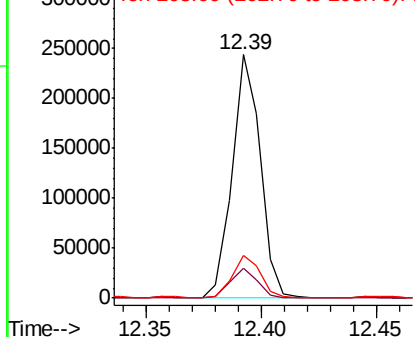


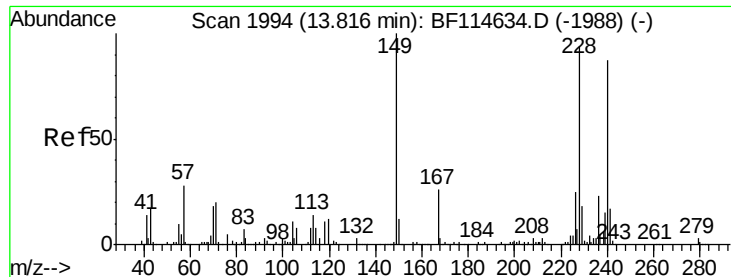
#75
 Fluoranthene
 Concen: 2.759 ng
 RT: 12.39 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BF114746.D
 Acq: 1 Jun 2019 10:27

Tgt Ion:202 Resp: 205205
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 33.9
 203 17.3 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114746.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

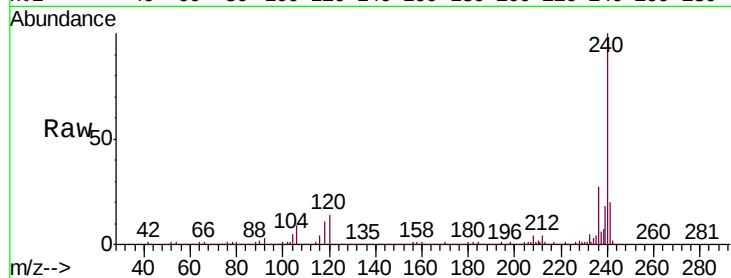
Tgt Ion:240 Resp: 1035427

Ion Ratio Lower Upper

240 100

120 13.6 11.2 16.8

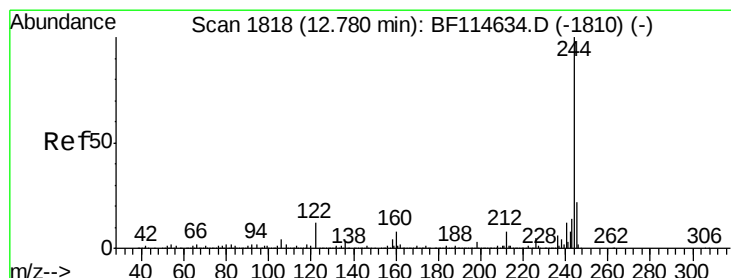
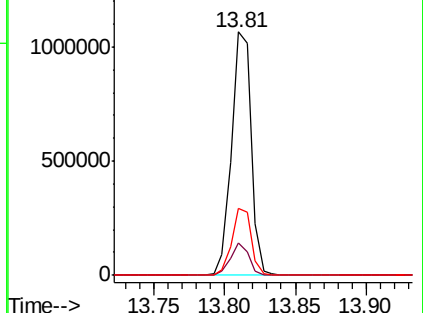
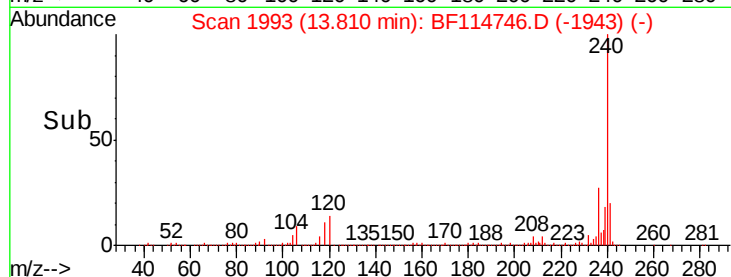
236 27.4 21.2 31.8



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: 63.508 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114746.D

Acq: 1 Jun 2019 10:27

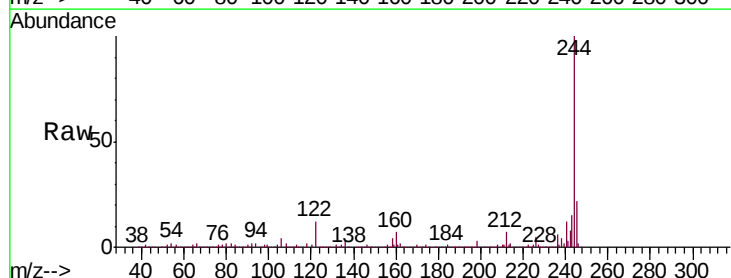
Tgt Ion:244 Resp: 3497508

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

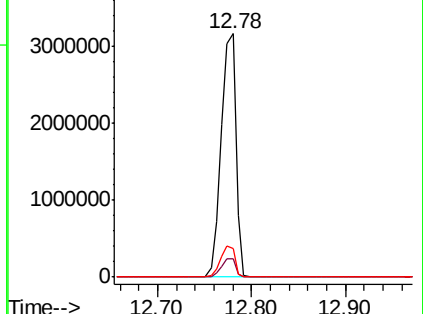
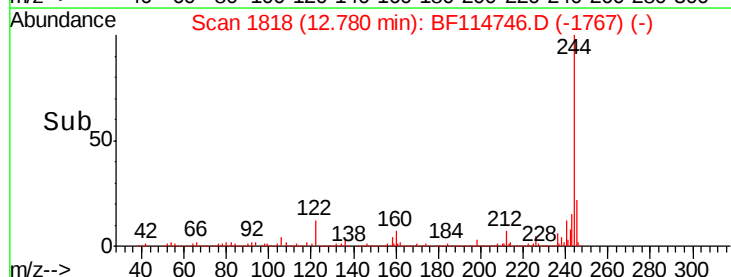
122 11.8 9.8 14.8

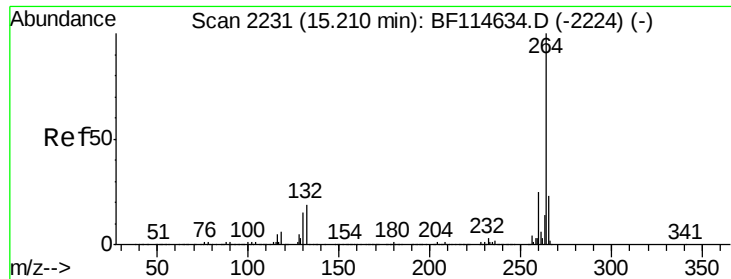


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114746.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

Tgt Ion: 264 Resp: 977647

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.4	18.1	27.1

