

Data File : BF114754.D
Acq On : 1 Jun 2019 13:59
Operator : HP/JU
Sample : K3097-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0431-HR-11(HACKENSACK)

Quant Time: Jun 03 01:39:12 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	381232	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1434106	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	690993	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1345490	20.00	ng	0.00
76) Chrysene-d12	13.81	240	918663	20.00	ng	0.00
87) Perylene-d12	15.20	264	909585	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2533399	116.67	ng	0.01
7) Phenol-d6	6.33	99	3124022	119.39	ng	0.00
23) Nitrobenzene-d5	7.25	82	1936702	84.25	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	791813	120.26	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3182503	86.87	ng	0.00
79) Terphenyl-d14	12.77	244	3409167	69.77	ng	0.00

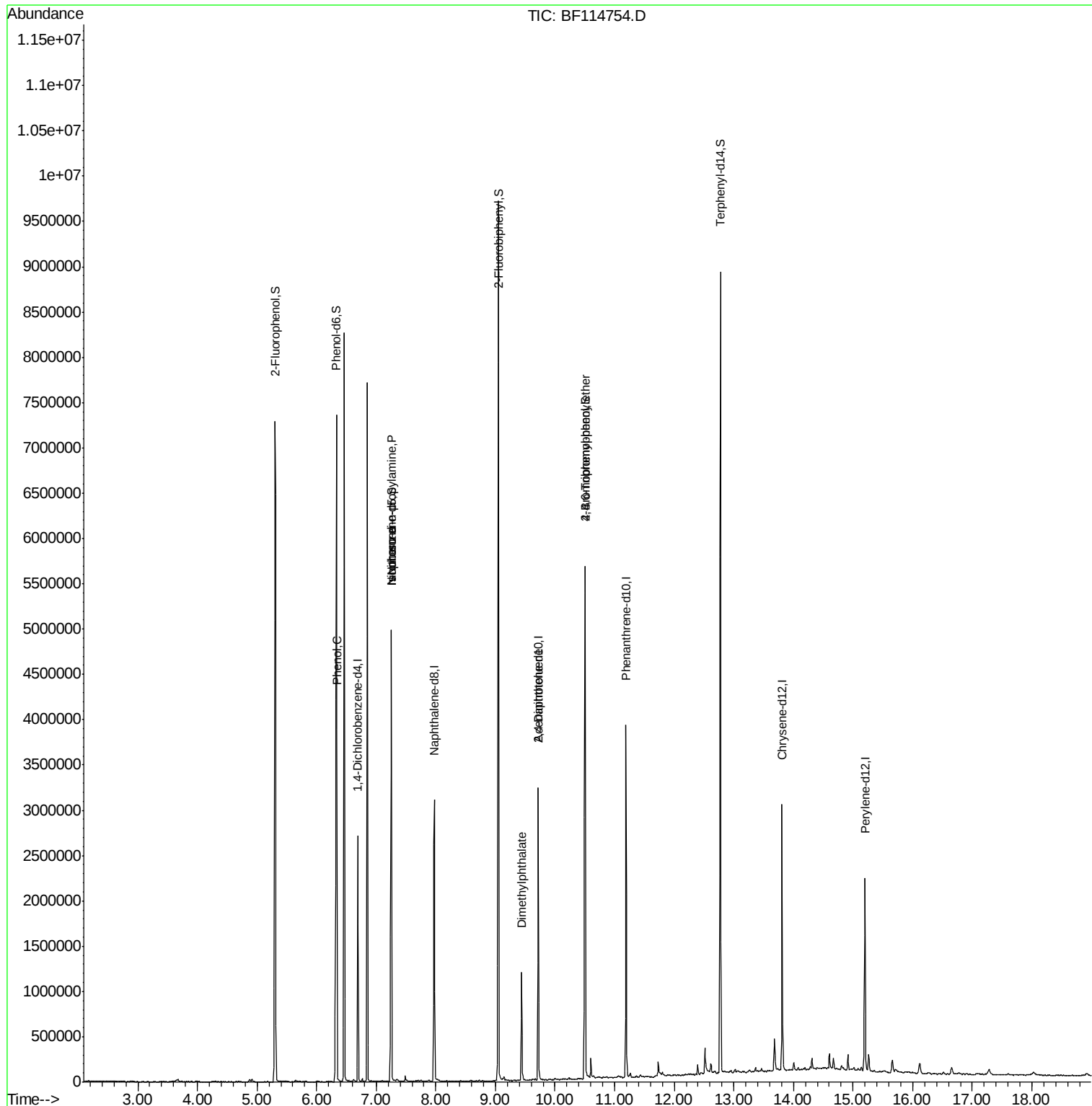
Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	6098	Below Cal	#	1
10) Phenol	6.35	94	123446	3.905 ng		83
19) n-Nitroso-di-n-propylamine	7.25	70	265705	14.711 ng	#	76
25) Isophorone	7.25	82	1875324	40.652 ng	#	63
50) Dimethylphthalate	9.44	163	448933	9.324 ng		98
57) 2,4-Dinitrotoluene	9.72	165	91550	6.376 ng	#	23
58) Fluorene	10.26	166	3018	Below Cal	#	94
67) 4-Bromophenyl-phenylether	10.50	248	50966	3.532 ng	#	1
69) Atrazine	10.92	200	229	Below Cal	#	36
74) Di-n-butylphthalate	11.76	149	3325	Below Cal	#	91

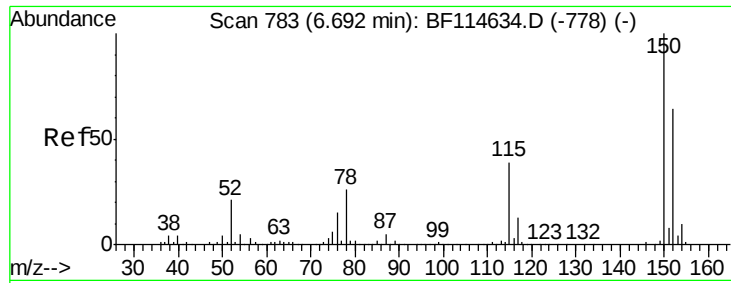
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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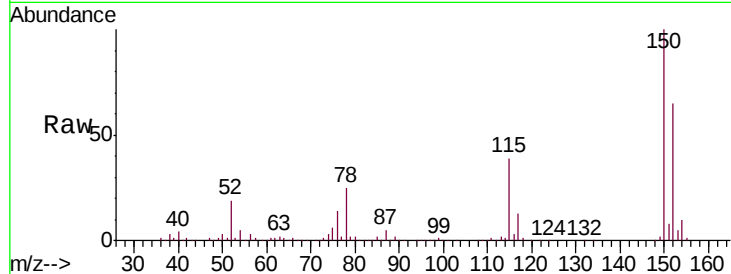


#1

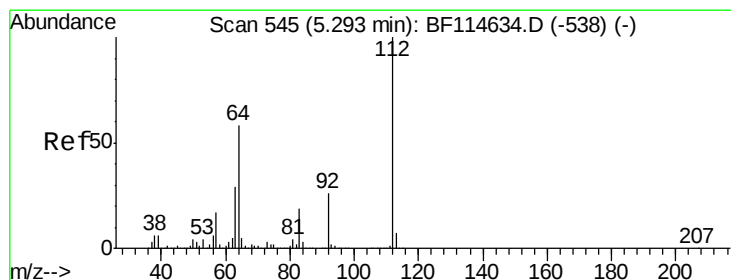
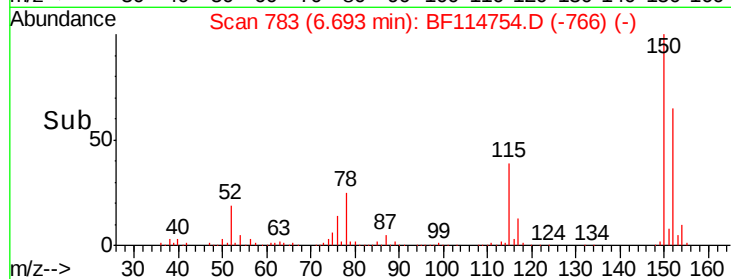
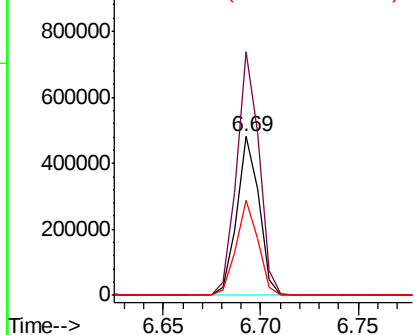
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114754.D
Acq: 1 Jun 2019 13:59

Instrument :
BNA_F
ClientSampleId :
0431-HR-11(HACKENSACK)

Tgt Ion:152 Resp: 381232
Ion Ratio Lower Upper
152 100
150 153.2 124.4 186.6
115 59.6 48.7 73.1



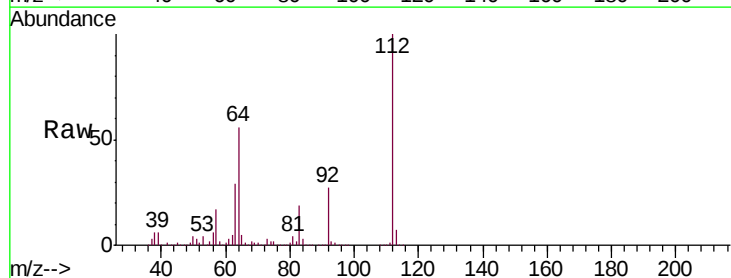
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



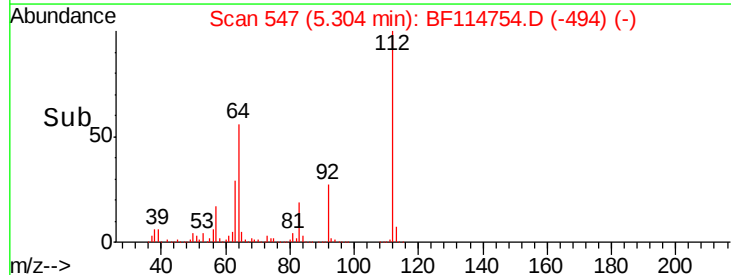
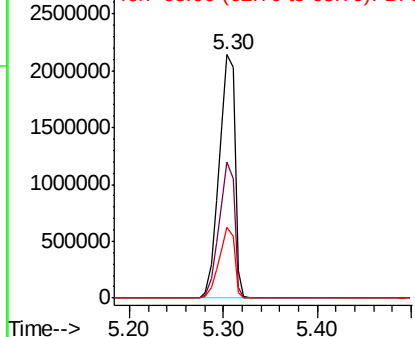
#5

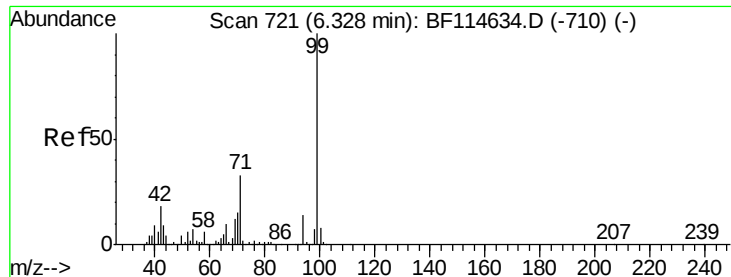
2-Fluorophenol
Concen: 116.672 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114754.D
Acq: 1 Jun 2019 13:59

Tgt Ion:112 Resp: 2533399
Ion Ratio Lower Upper
112 100
64 56.0 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: 119.393 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114754.D

Acq: 1 Jun 2019 13:59

Instrument :

BNA_F

ClientSampleId :

0431-HR-11(HACKENSACK)

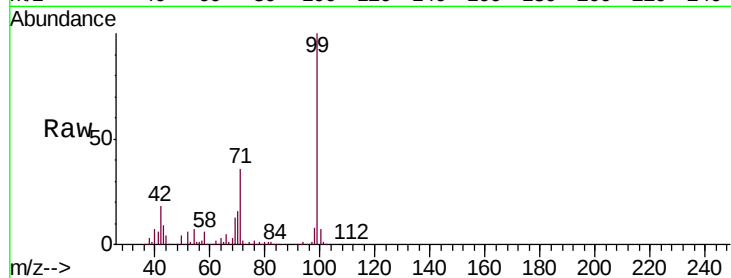
Tgt Ion: 99 Resp: 3124022

Ion Ratio Lower Upper

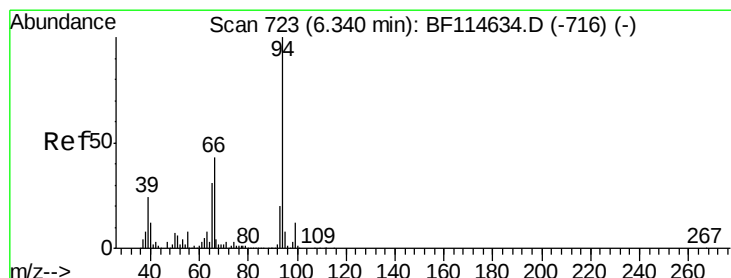
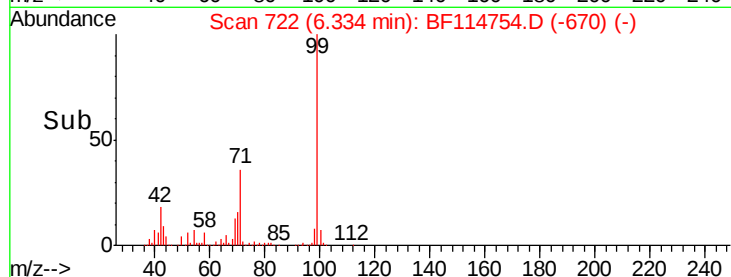
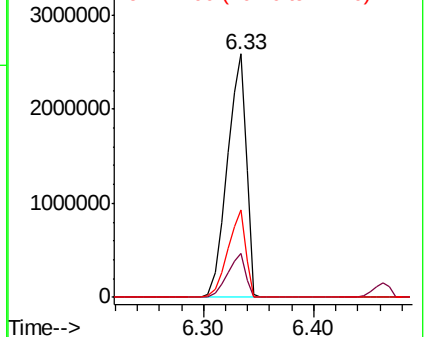
99 100

42 17.9 14.7 22.1

71 35.7 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: 3.905 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114754.D

Acq: 1 Jun 2019 13:59

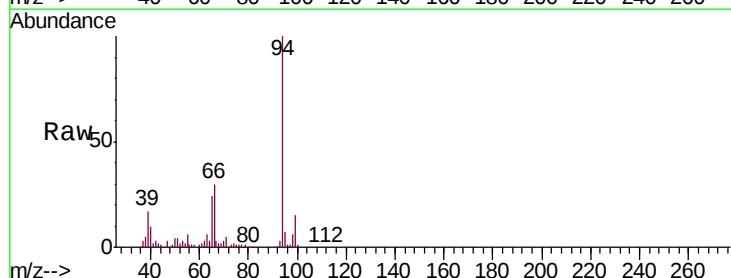
Tgt Ion: 94 Resp: 123446

Ion Ratio Lower Upper

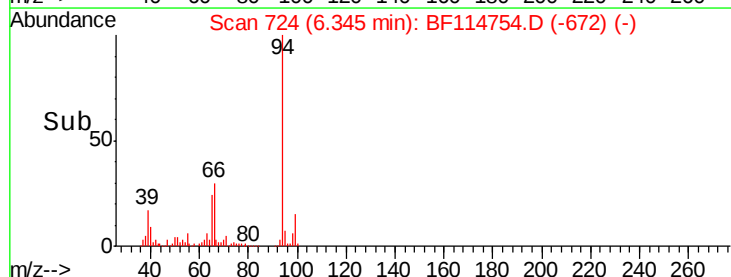
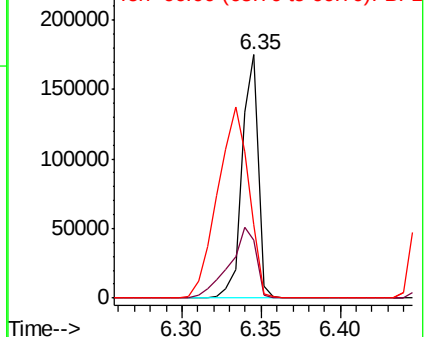
94 100

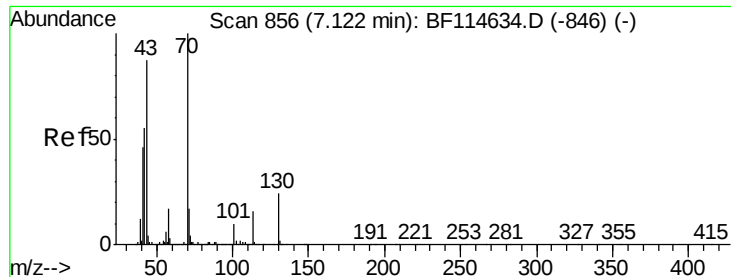
65 23.8 11.0 51.0

66 30.2 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: 14.711 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114754.D

Acq: 1 Jun 2019 13:59

Instrument :

BNA_F

ClientSampleId :

0431-HR-11(HACKENSACK)

Tgt Ion: 70 Resp: 265705

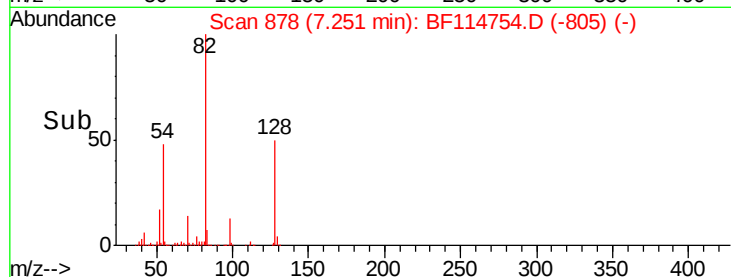
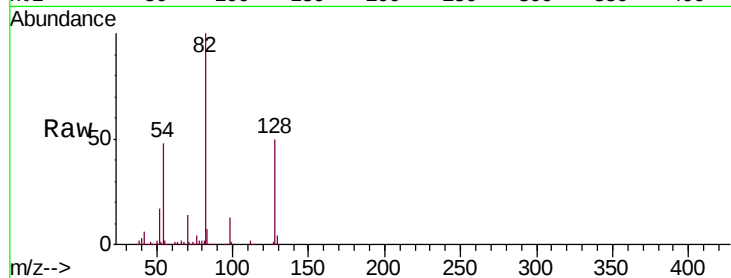
Ion Ratio Lower Upper

70 100

42 45.1 44.4 66.6

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

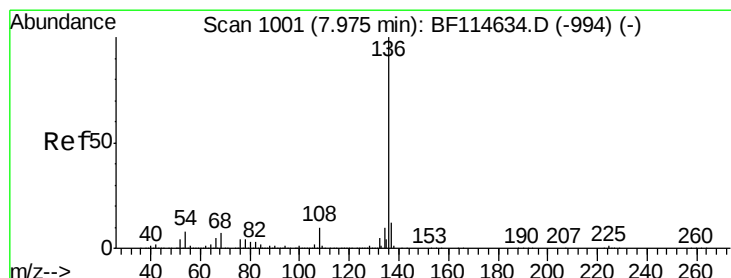
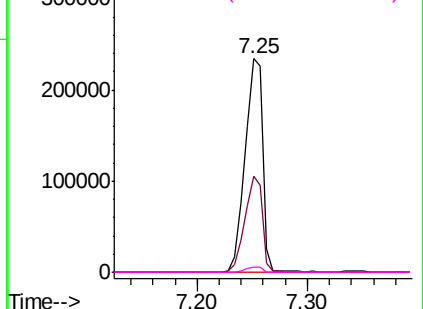


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114754.D

Acq: 1 Jun 2019 13:59

Tgt Ion:136 Resp: 1434106

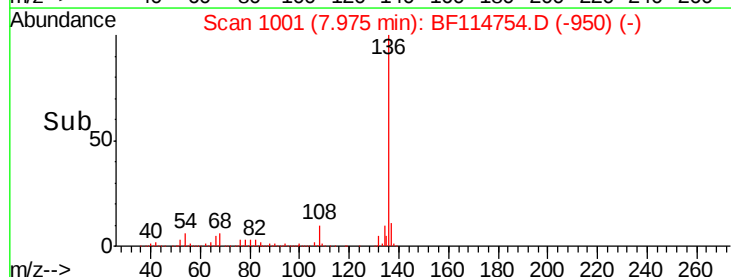
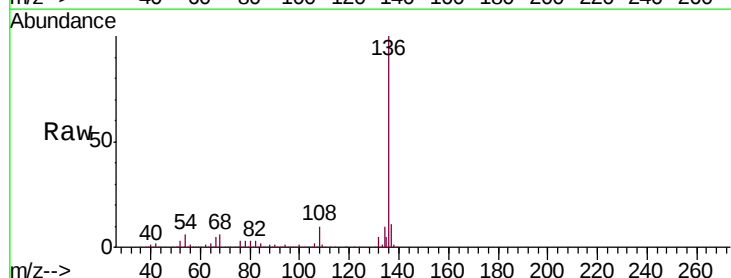
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.4 6.3 9.5

68 5.5 5.4 8.0

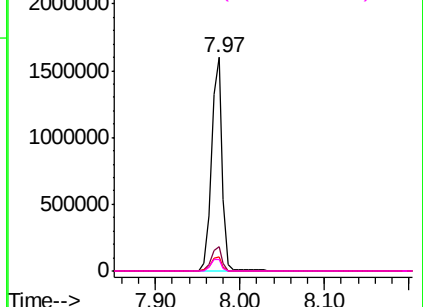


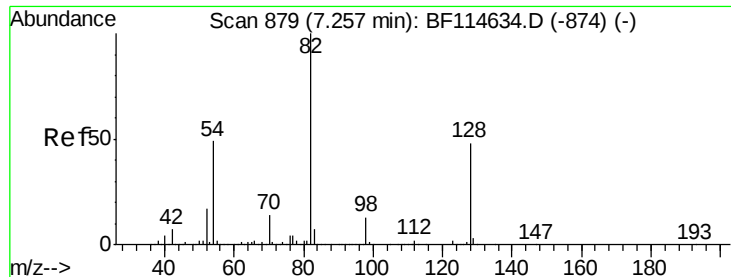
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

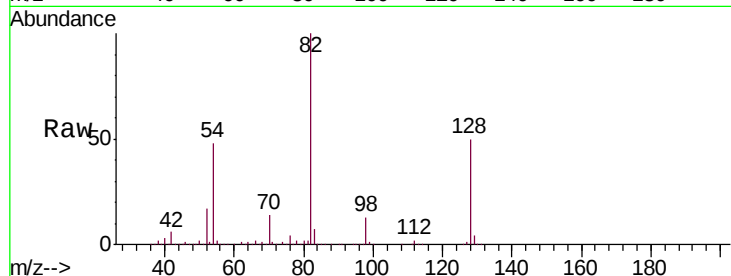




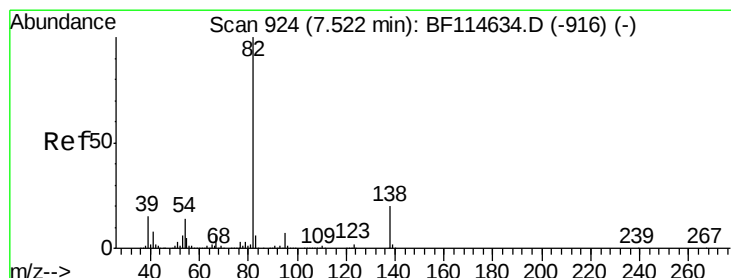
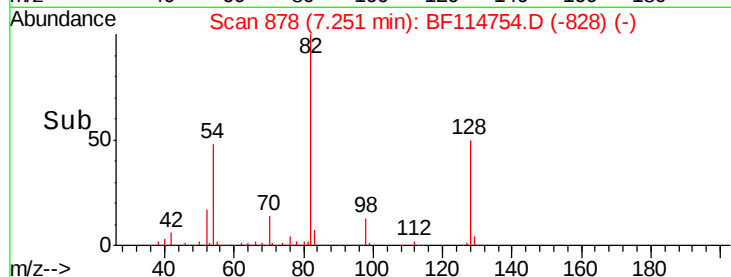
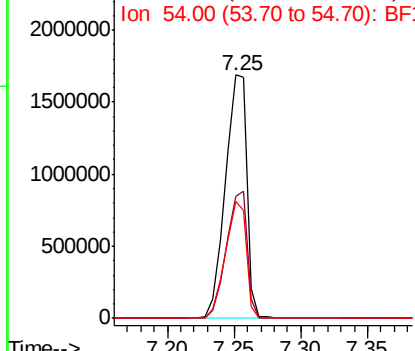
#23
Nitrobenzene-d5
Concen: 84.254 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114754.D
Acq: 1 Jun 2019 13:59

Instrument :
BNA_F
ClientSampleId :
0431-HR-11(HACKENSACK)

Tgt Ion: 82 Resp: 1936702
Ion Ratio Lower Upper
82 100
128 50.1 38.5 57.7
54 47.8 39.1 58.7

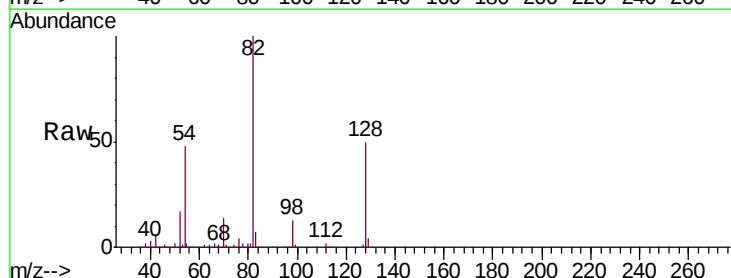


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

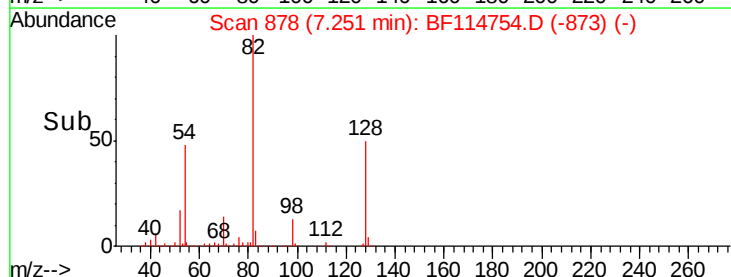
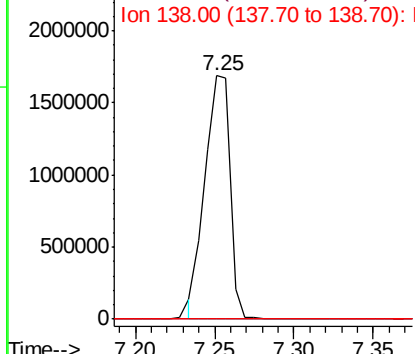


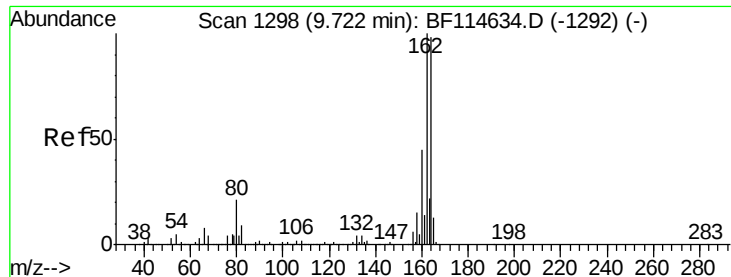
#25
Isophorone
Concen: 40.652 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114754.D
Acq: 1 Jun 2019 13:59

Tgt Ion: 82 Resp: 1875324
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

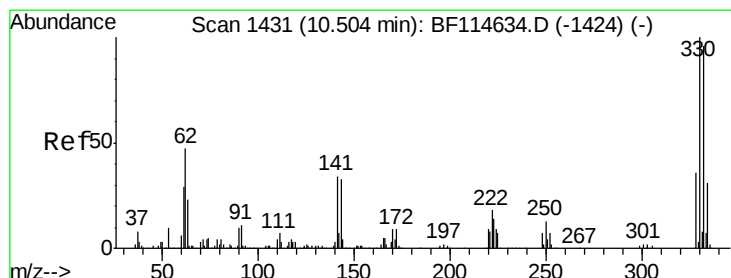
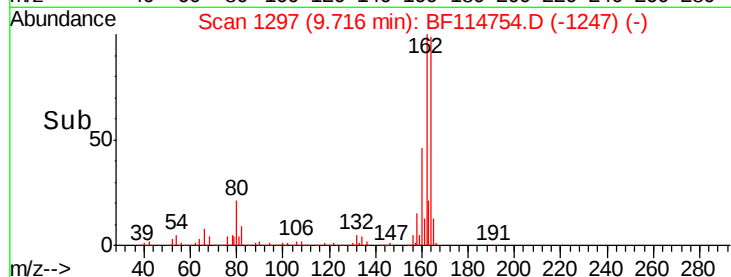
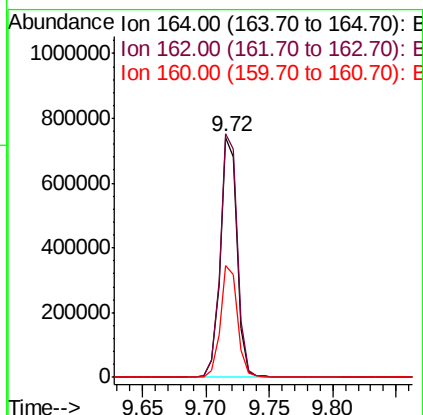
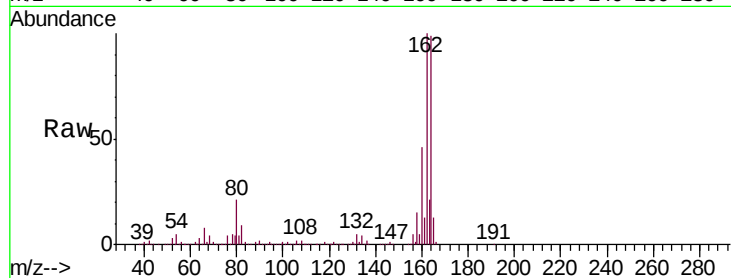




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF114754.D
 Acq: 1 Jun 2019 13:59

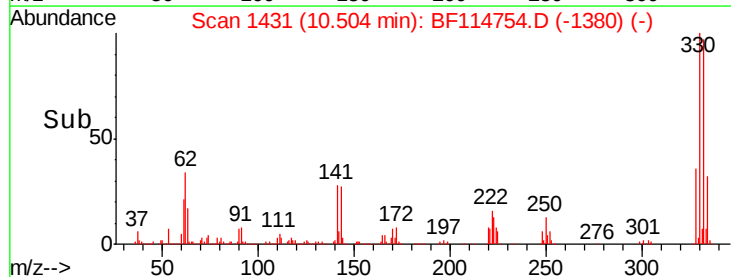
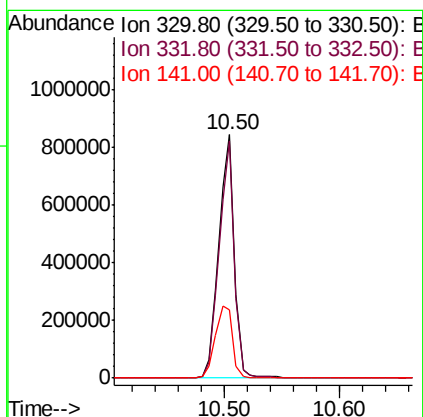
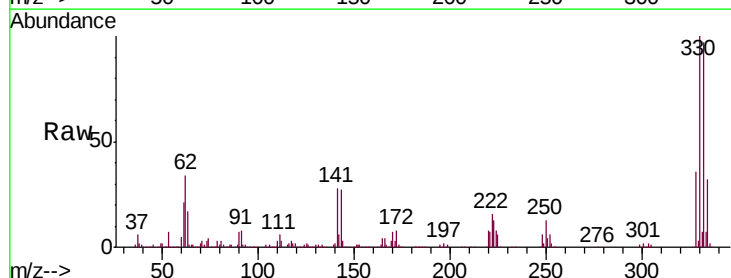
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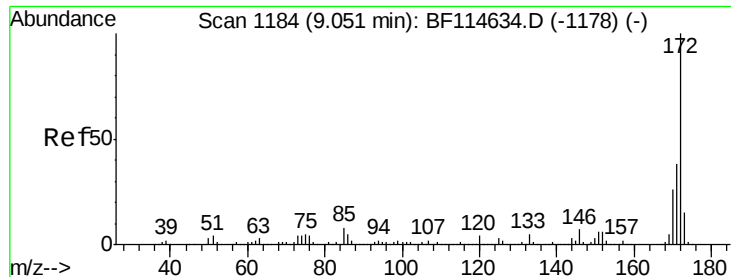
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.2
160	46.3	36.6	54.8



#42
 2,4,6-Tribromophenol
 Concen: 120.262 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114754.D
 Acq: 1 Jun 2019 13:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.8	113.8
141	33.3	27.8	41.8

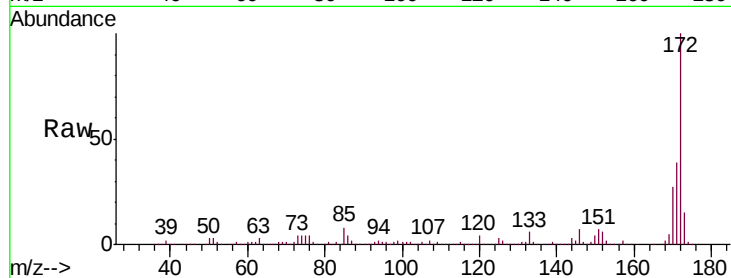




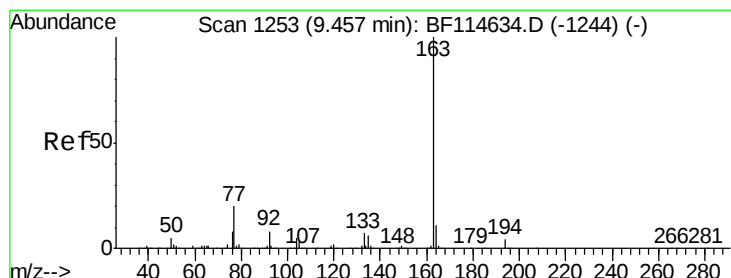
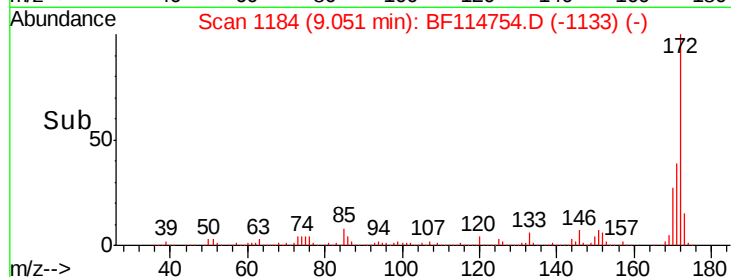
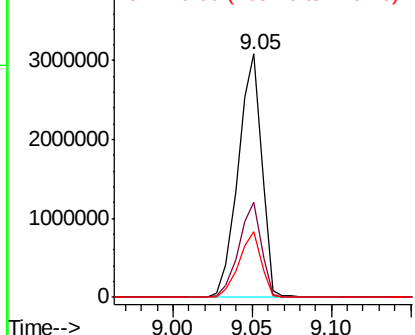
#45
2-Fluorobiphenyl
Concen: 86.869 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114754.D
Acq: 1 Jun 2019 13:59

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ClientSampleId :
0431-HR-11(HACKENSACK)

Tgt Ion:172 Resp: 3182503
Ion Ratio Lower Upper
172 100
171 39.3 30.6 45.8
170 27.0 20.7 31.1

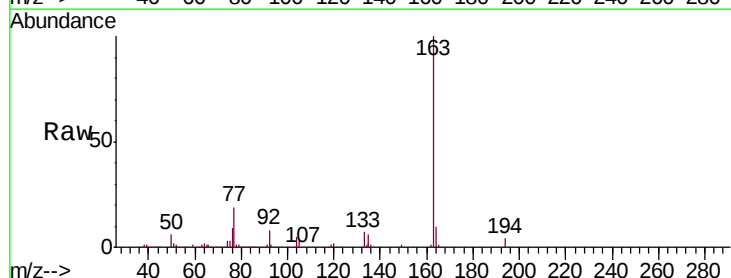


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

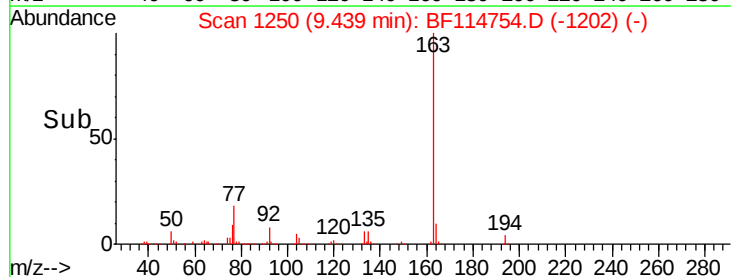
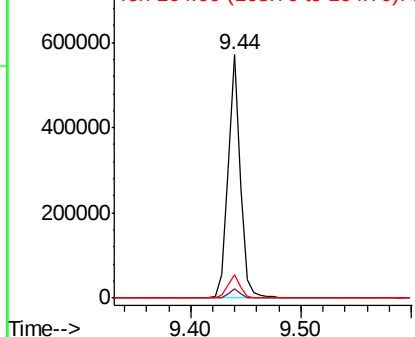


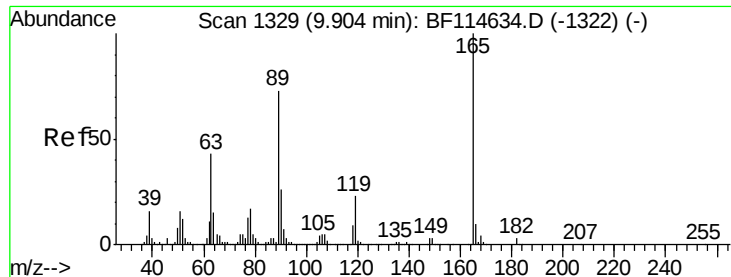
#50
Dimethylphthalate
Concen: 9.324 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114754.D
Acq: 1 Jun 2019 13:59

Tgt Ion:163 Resp: 448933
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.8 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

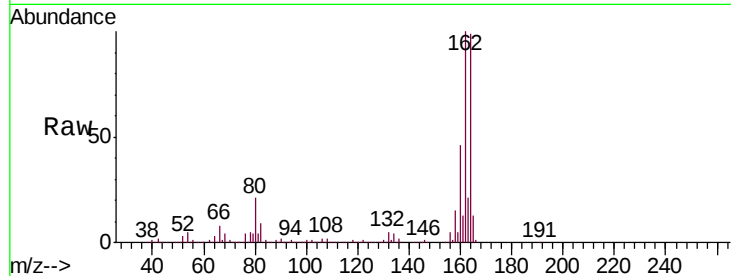




#57
2,4-Dinitrotoluene
Concen: 6.376 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.19 min
Lab File: BF114754.D
Acq: 1 Jun 2019 13:59

Instrument :
BNA_F
ClientSampleId :
0431-HR-11(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	34.8	52.2#
89	1.4	58.5	87.7#
182	0.0	2.2	3.2#



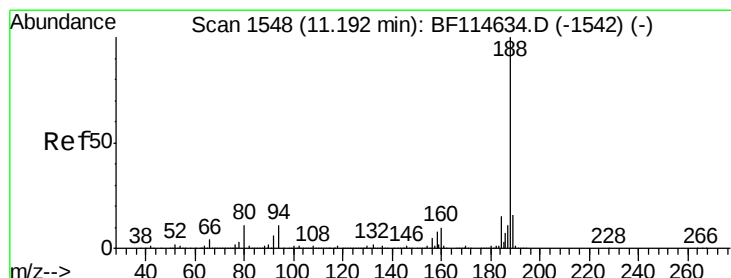
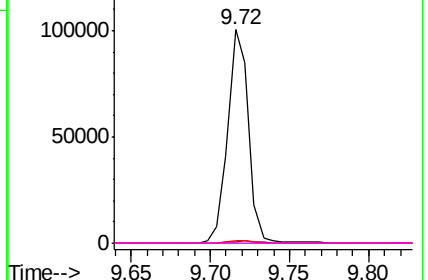
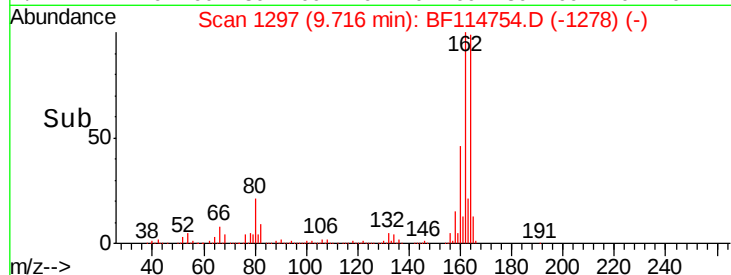
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

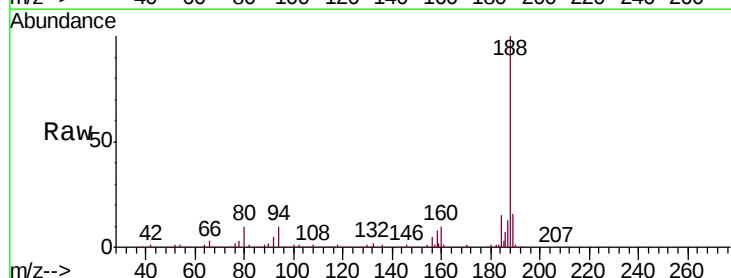
Ion 89.00 (88.70 to 89.70): BF1

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: BF114754.D
Acq: 1 Jun 2019 13:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	13.0
80	10.1	9.0	13.6

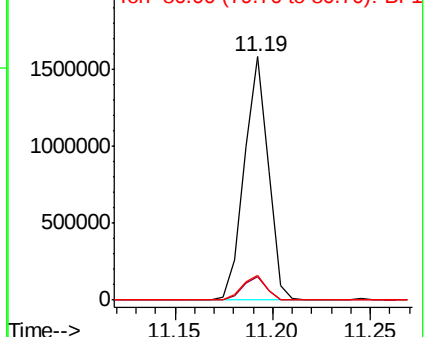
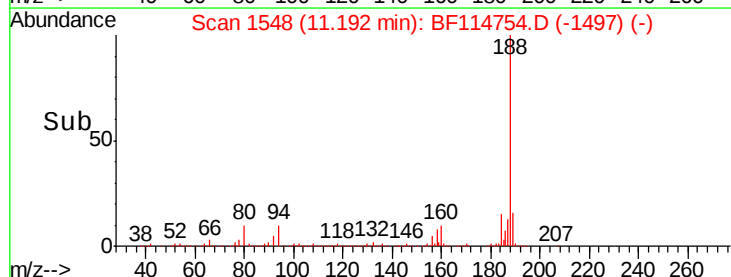


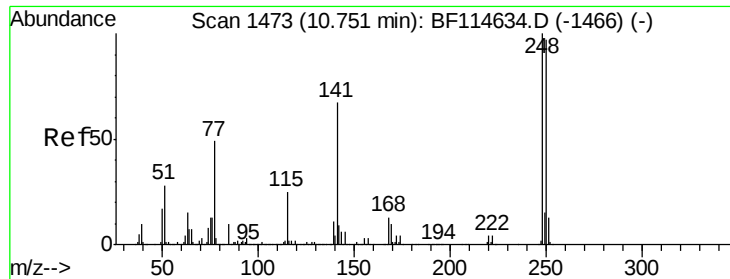
Abundance

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

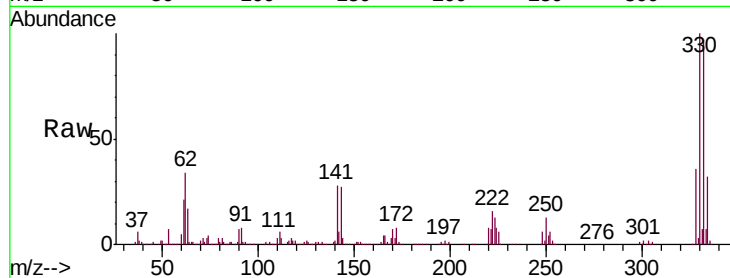




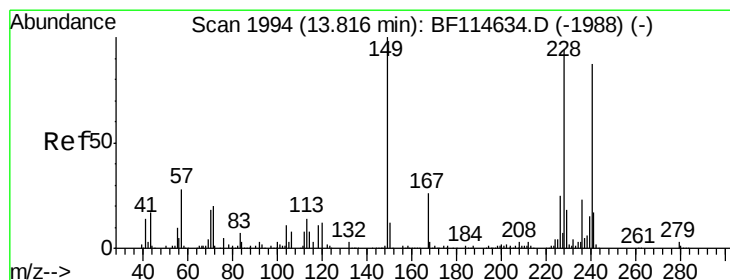
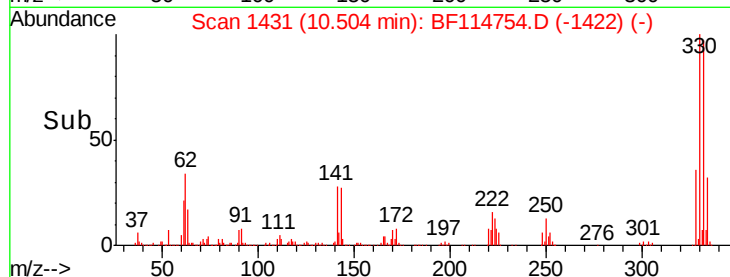
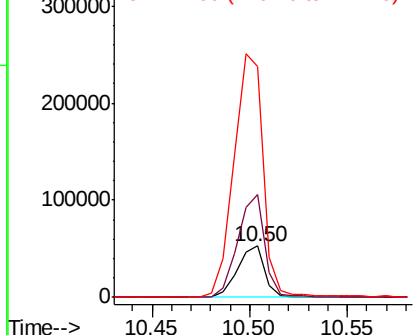
#67
4-Bromophenyl-phenylether
Concen: 3.532 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114754.D
Acq: 1 Jun 2019 13:59

Instrument :
BNA_F
ClientSampleId :
0431-HR-11(HACKENSACK)

Tgt Ion:248 Resp: 50966
Ion Ratio Lower Upper
248 100
250 200.6 78.0 117.0#
141 451.1 53.8 80.8#

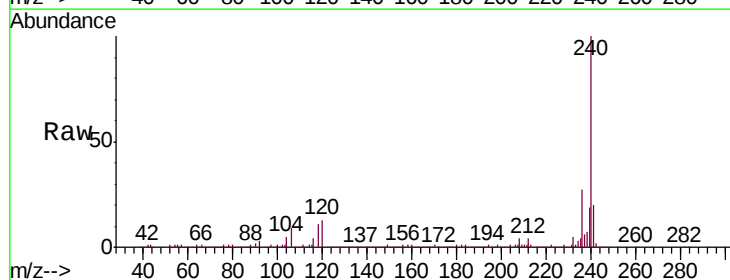


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

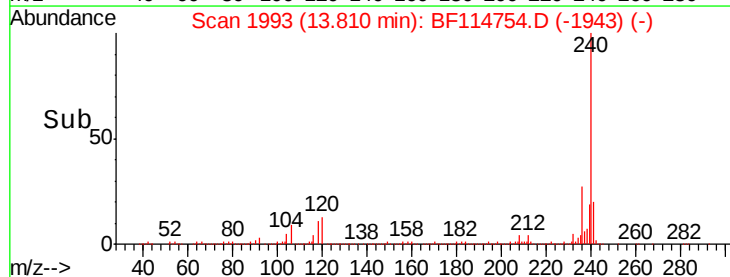
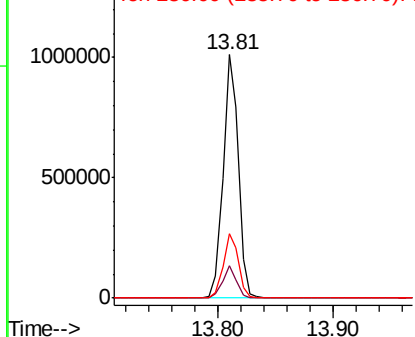


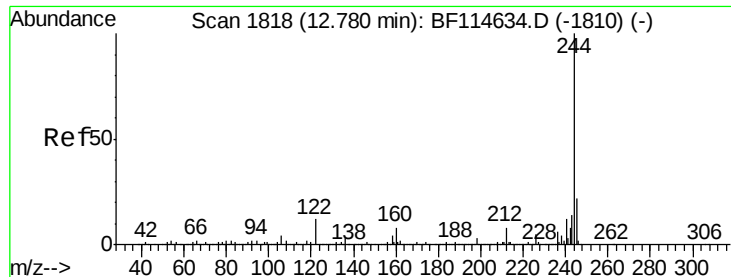
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114754.D
Acq: 1 Jun 2019 13:59

Tgt Ion:240 Resp: 918663
Ion Ratio Lower Upper
240 100
120 13.2 11.2 16.8
236 26.5 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: 69.773 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114754.D

Acq: 1 Jun 2019 13:59

Instrument :

BNA_F

ClientSampleId :

0431-HR-11(HACKENSACK)

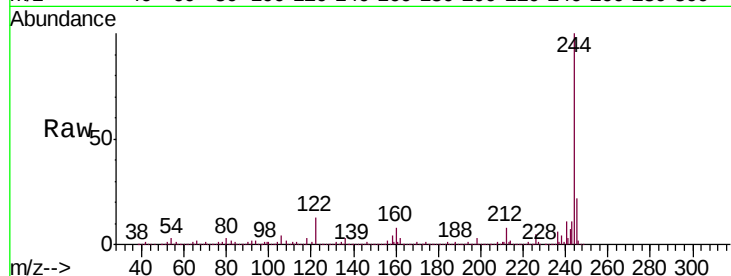
Tgt Ion:244 Resp: 3409167

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

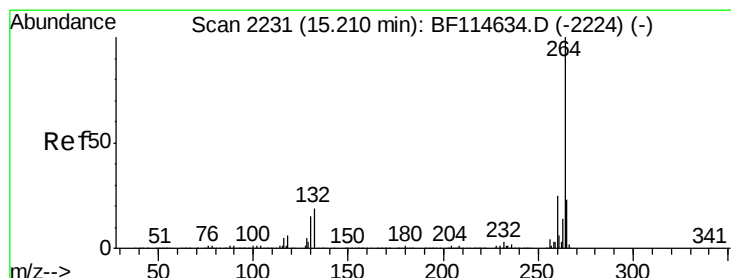
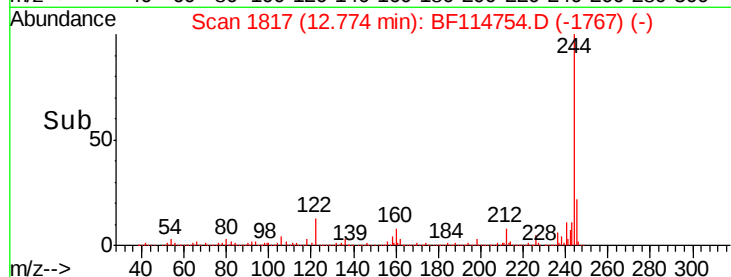
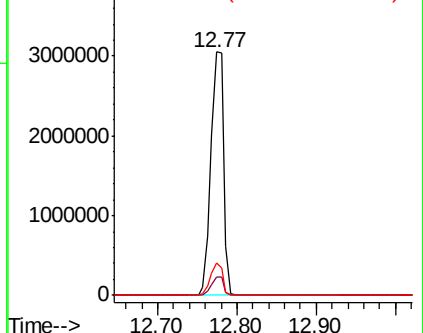
122 13.3 9.8 14.8



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: BF114754.D

Acq: 1 Jun 2019 13:59

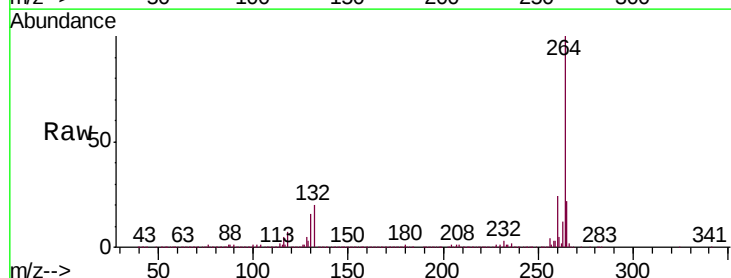
Tgt Ion:264 Resp: 909585

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.0 18.1 27.1



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

