

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119722.D
 Acq On : 3 Apr 2020 16:35
 Operator : MA/SJ
 Sample : L2109-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH

Quant Time: Apr 03 17:10:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	209683	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	819837	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	412983	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	781639	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	613929	20.00	ng	-0.02
87) Perylene-d12	15.43	264	519976	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1857123	140.99	ng	0.02
7) Phenol-d6	6.44	99	2276030	135.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	1563979	103.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	740770	173.87	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2726840	97.82	ng	-0.01
79) Terphenyl-d14	12.93	244	2952514	94.22	ng	-0.01

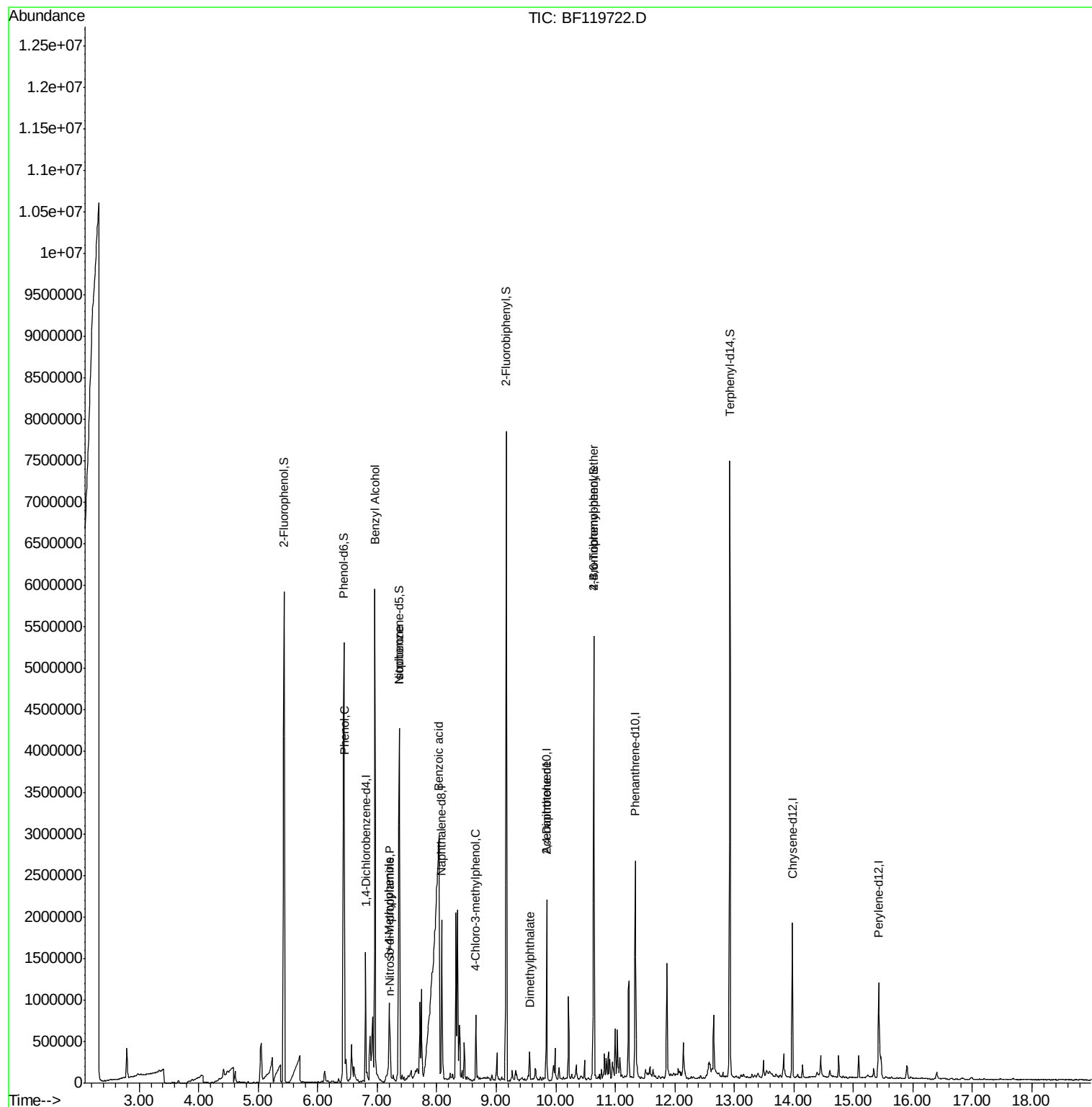
Target Compounds				Qvalue		
10) Phenol	6.45	94	55196	3.074	ng	95
15) Benzyl Alcohol	6.96	79	27293	2.156	ng	# 50
19) n-Nitroso-di-n-propylamine	7.22	70	23847	2.351	ng	# 15
20) 3+4-Methylphenols	7.20	107	157686	10.151	ng	# 74
25) Isophorone	7.37	82	1561594	51.032	ng	# 65
32) Benzoic acid	8.04	122	4040281	478.548	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	78723	5.973	ng	# 19
50) Dimethylphthalate	9.56	163	134223	4.576	ng	99
57) 2,4-Dinitrotoluene	9.85	165	53804	6.793	ng	# 21
67) 4-Bromophenyl-phenylether	10.64	248	44247	4.971	ng	# 1

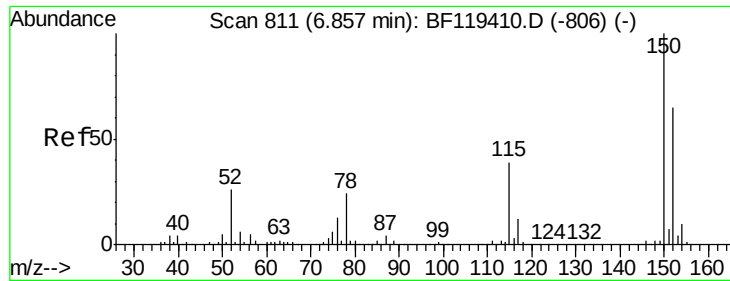
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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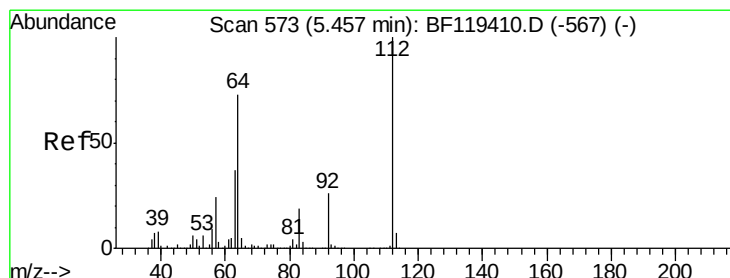
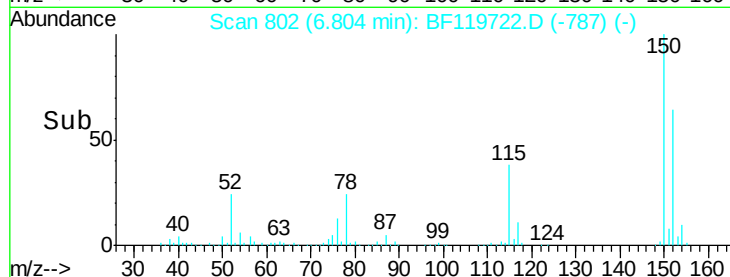
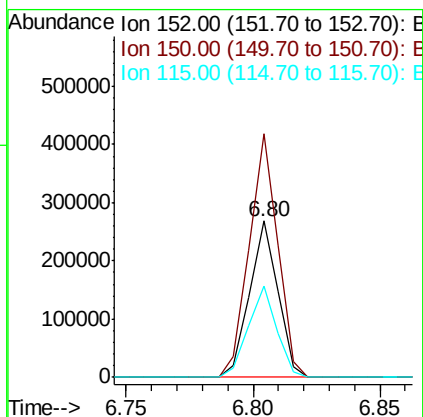
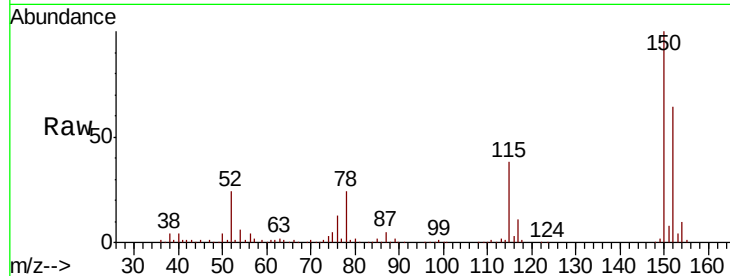


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASH

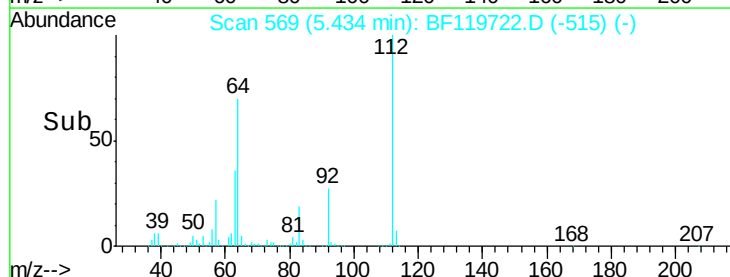
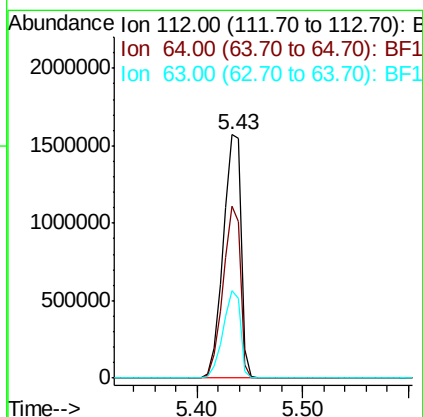
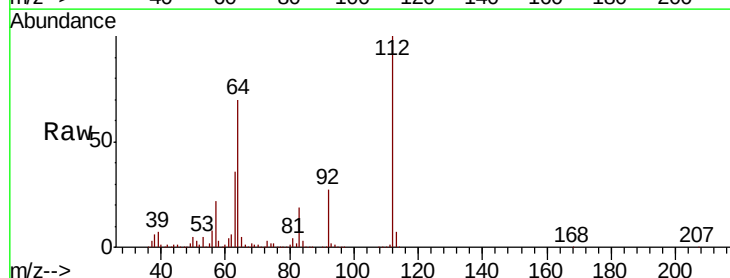
Tot Ion:152 Resp: 209683
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 58.6 49.6 74.4

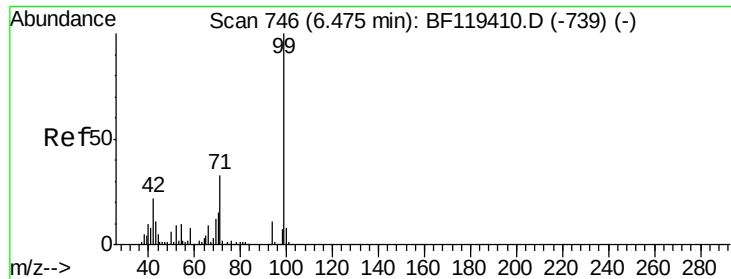


#5

2-Fluorophenol
Concen: 140.992 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Tgt Ion:112 Resp: 1857123
Ion Ratio Lower Upper
112 100
64 70.4 56.7 85.1
63 36.0 29.5 44.3





#7

Phenol-d6

Concen: 135.268 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119722.D

Acq: 3 Apr 2020 16:35

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH

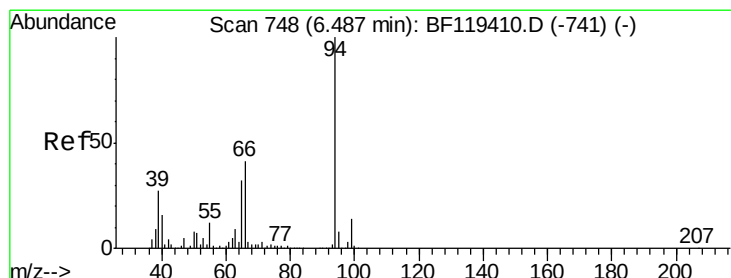
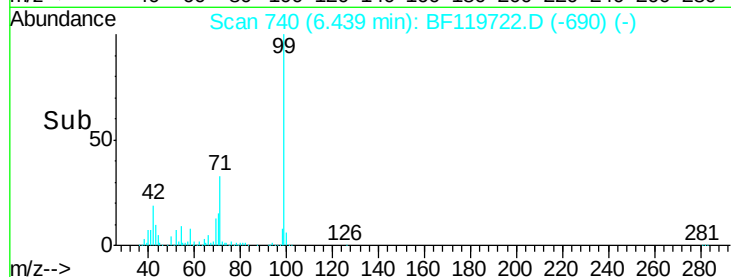
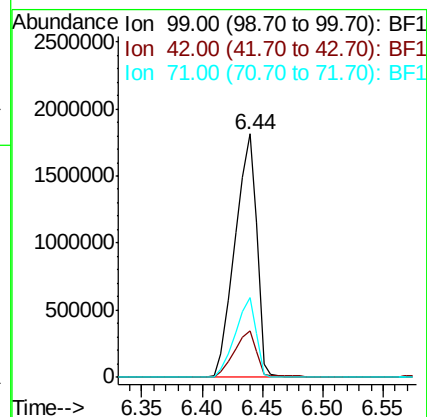
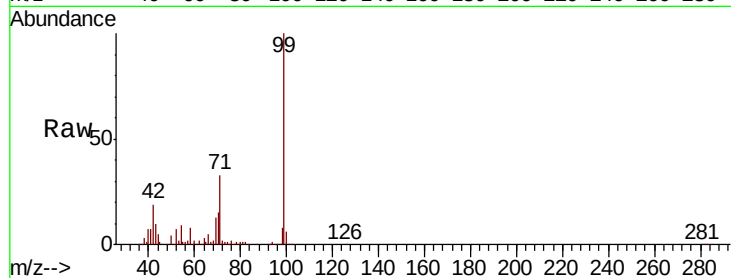
Tot Ion: 99 Resp: 2276030

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 32.6 26.4 39.6



#10

Phenol

Concen: 3.074 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119722.D

Acq: 3 Apr 2020 16:35

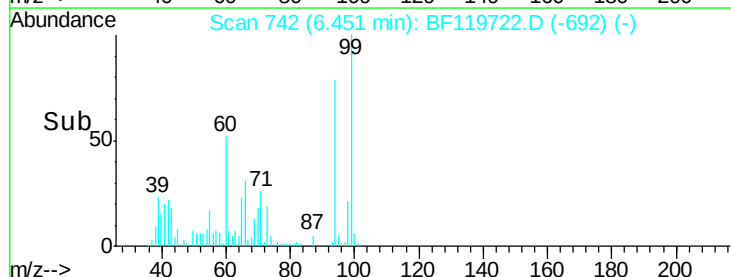
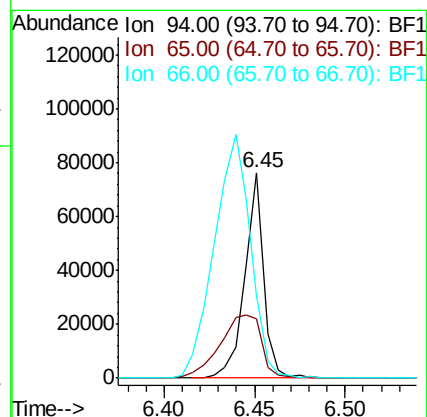
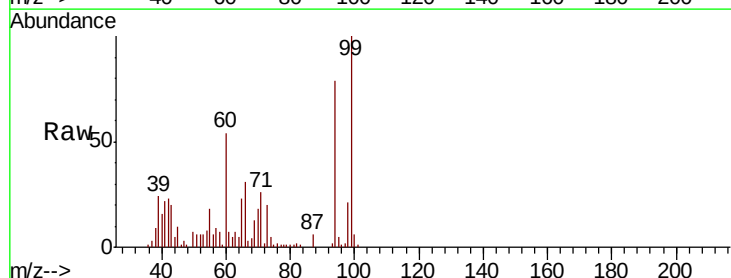
Tgt Ion: 94 Resp: 55196

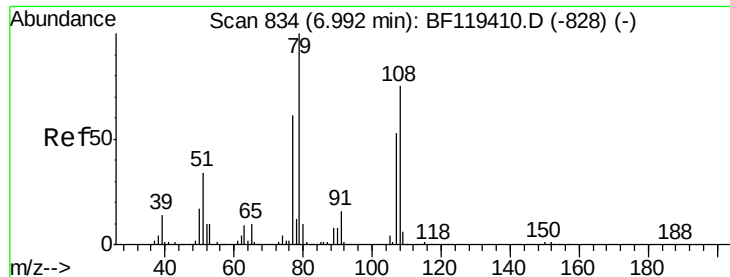
Ion Ratio Lower Upper

94 100

65 29.1 13.2 53.2

66 39.9 22.3 62.3





#15

Benzyl Alcohol

Concen: 2.156 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF119722.D

Acq: 3 Apr 2020 16:35

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH

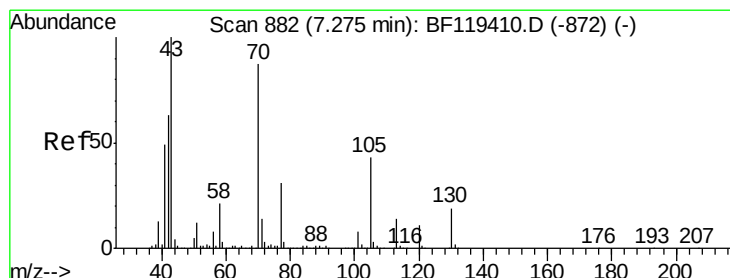
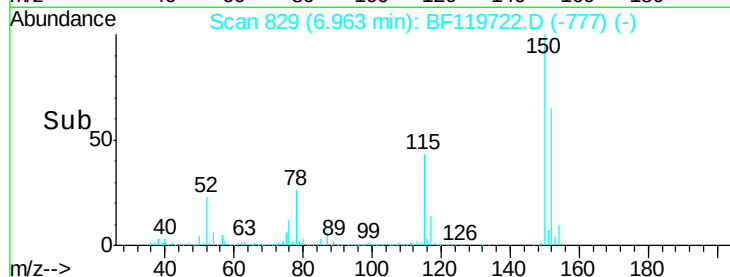
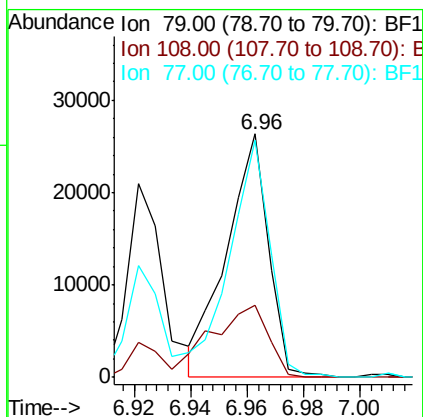
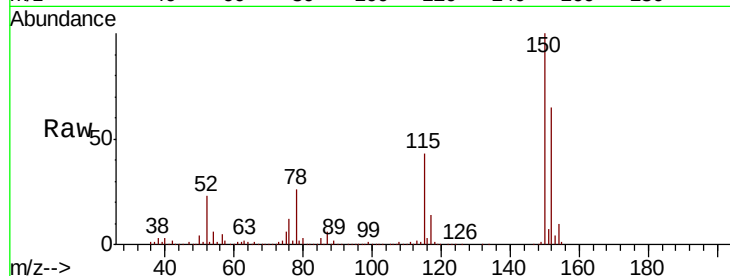
Tot Ion: 79 Resp: 27293

Ion Ratio Lower Upper

79 100

108 29.6 60.6 90.8#

77 97.5 50.2 75.2#



#19

n-Nitroso-di-n-propylamine

Concen: 2.351 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF119722.D

Acq: 3 Apr 2020 16:35

Tgt Ion: 70 Resp: 23847

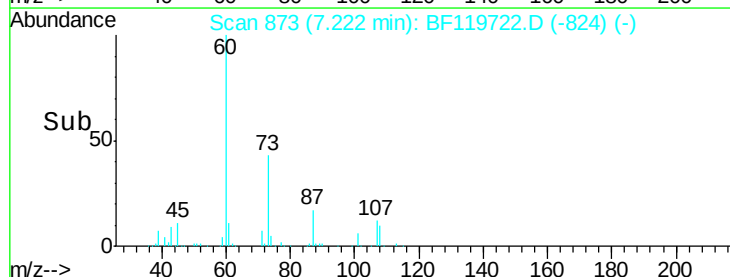
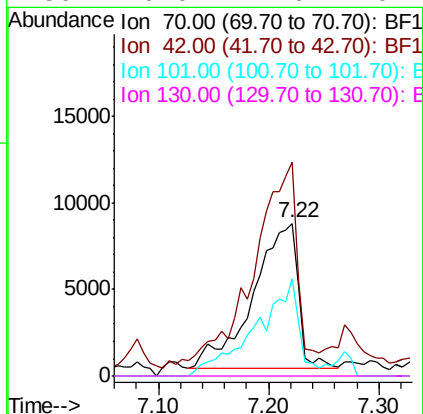
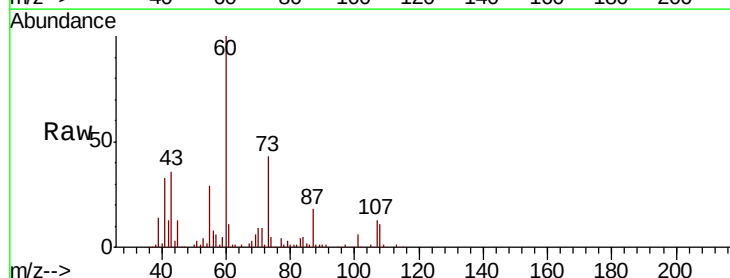
Ion Ratio Lower Upper

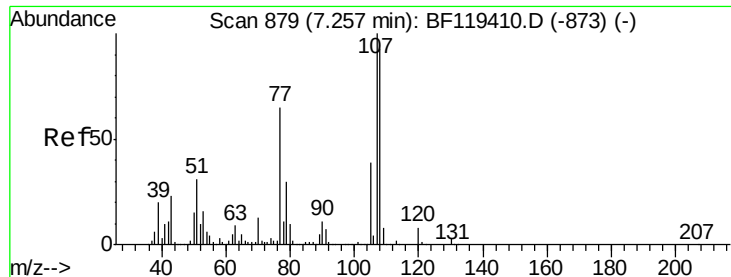
70 100

42 139.8 54.5 81.7#

101 63.6 7.6 11.4#

130 0.0 17.6 26.4#

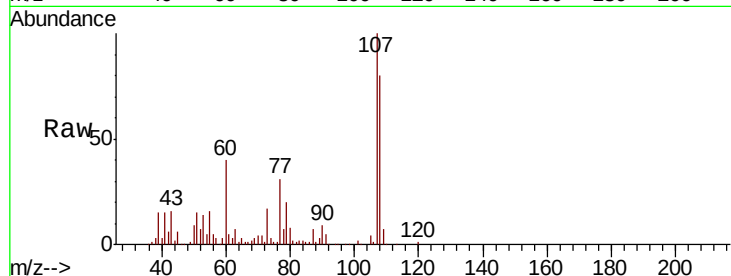




#20
3+4-Methylphenols
Concen: 10.151 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASH

Tot Ion:	107	Resp:	157686
Ion	Ratio	Lower	Upper
107	100		
108	80.1	67.9	107.9
77	30.7	52.9	92.9#
79	20.1	7.7	47.7



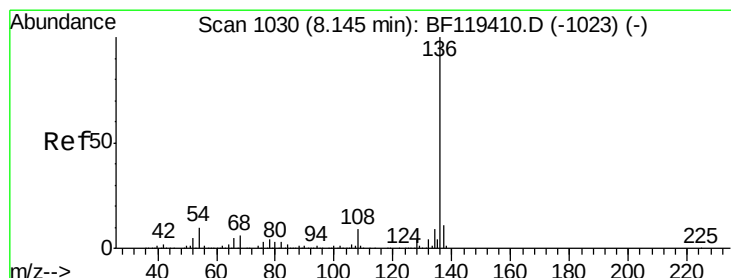
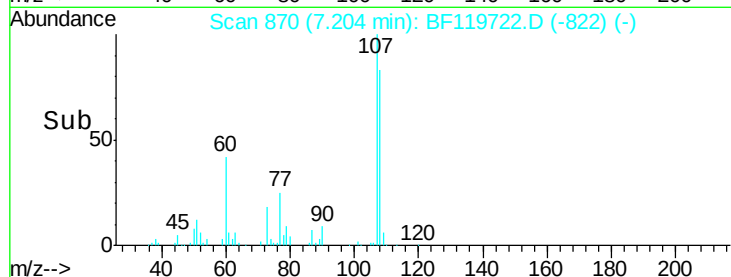
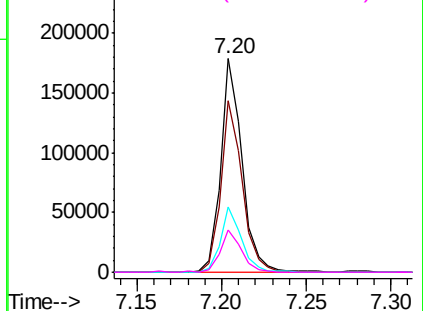
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Tgt Ion:	136	Resp:	819837
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.4	9.1	13.7
68	5.9	4.6	6.8

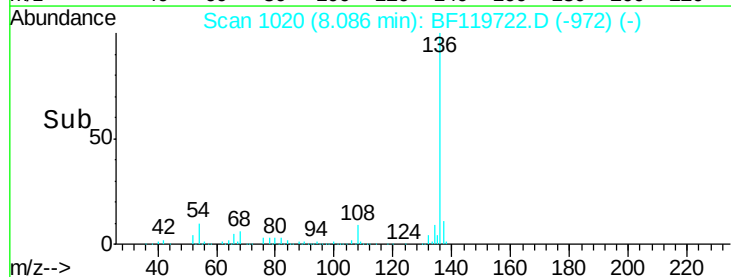
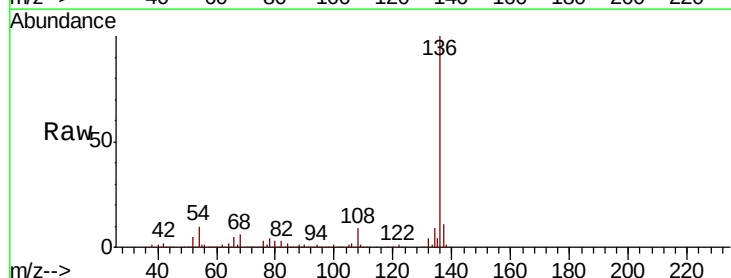
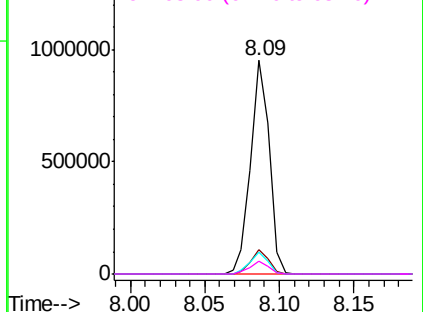
Abundance

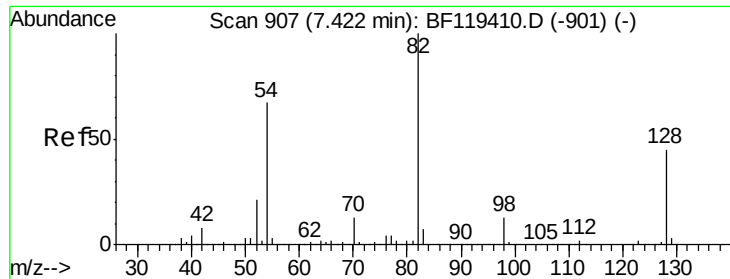
Ion 136.00 (135.70 to 136.70): E

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

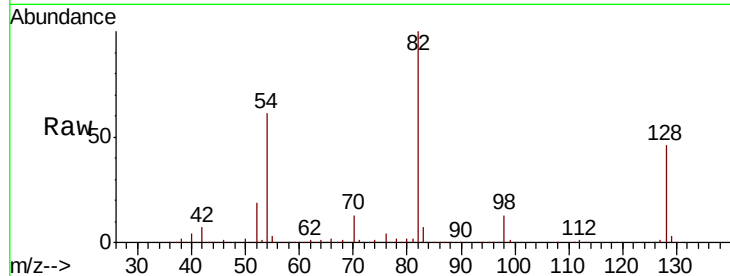




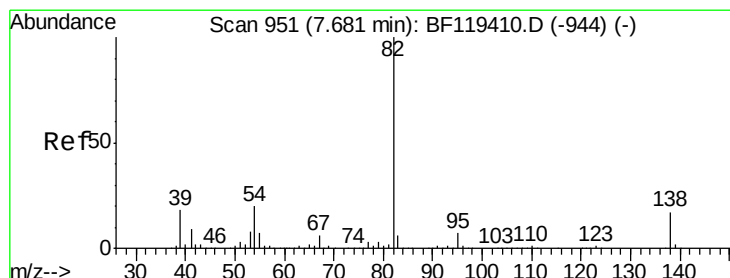
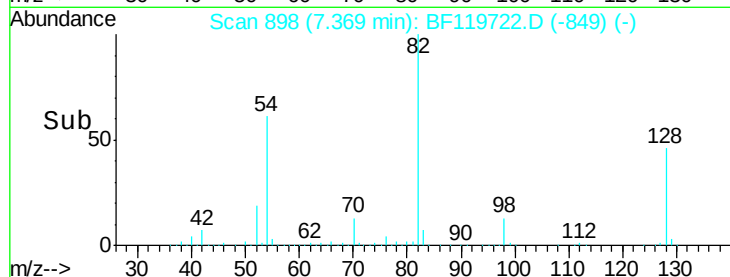
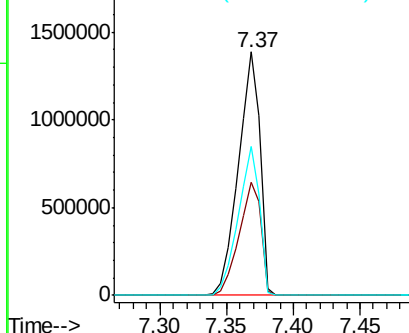
#23
Nitrobenzene-d5
Concen: 103.678 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASH

Tot Ion: 82 Resp: 1563979
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 61.2 50.6 75.8

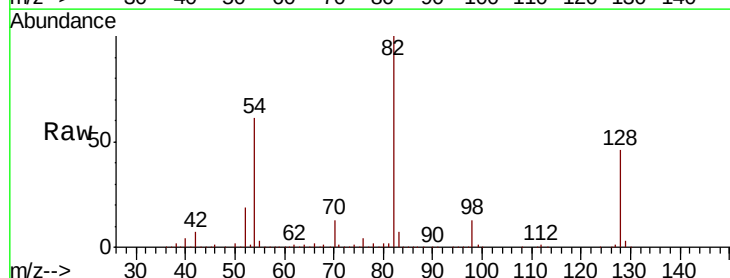


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

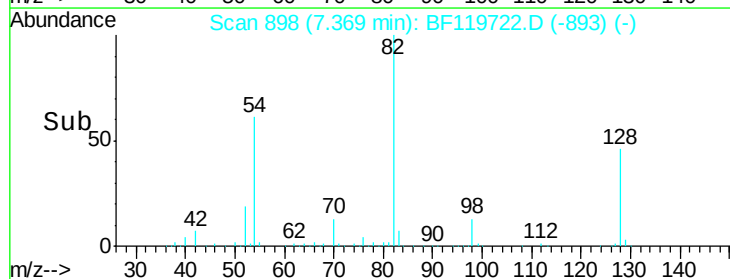
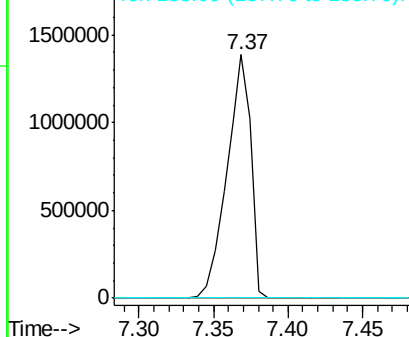


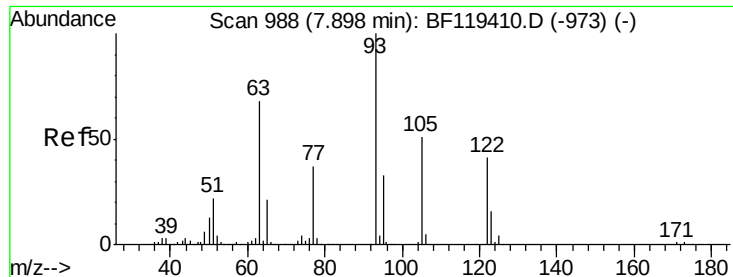
#25
Isophorone
Concen: 51.032 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Tgt Ion: 82 Resp: 1561594
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



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

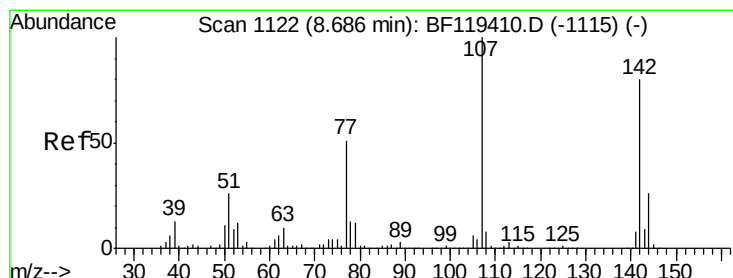
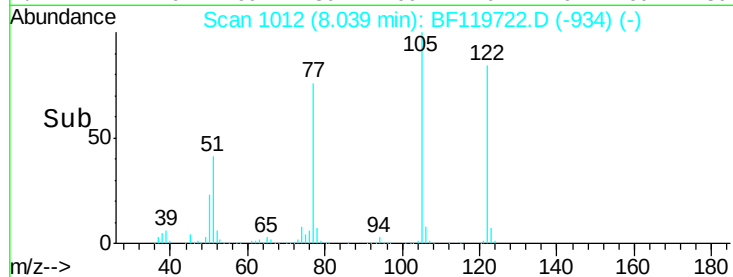
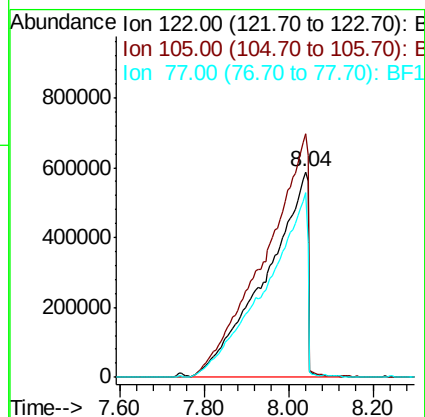
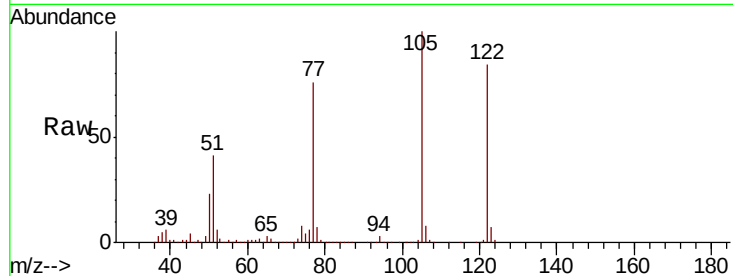




#32
Benzoic acid
Concen: 478.548 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.16 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

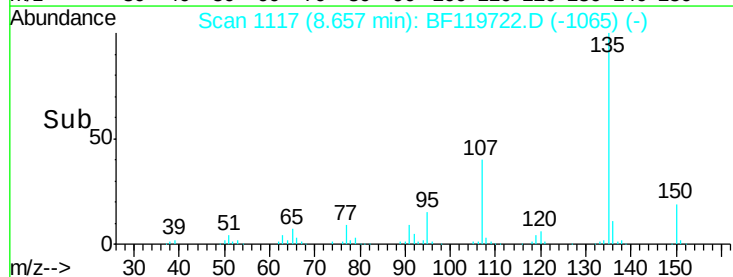
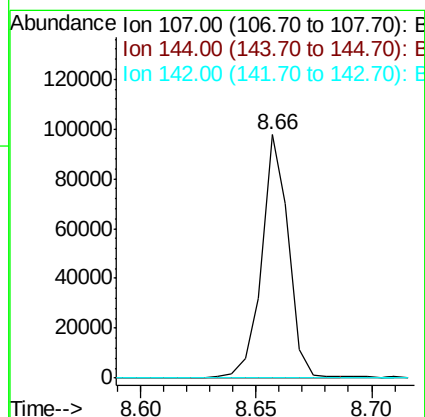
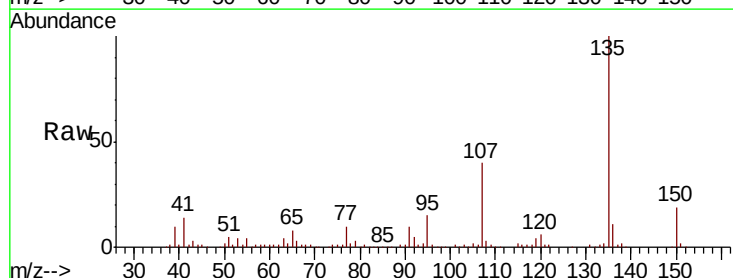
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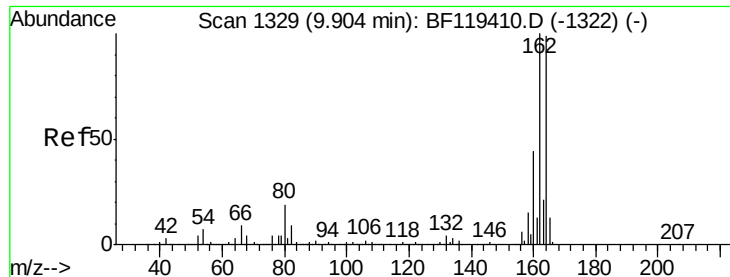
Tot Ion:122 Resp: 4040281
Ion Ratio Lower Upper
122 100
105 118.3 104.9 144.9
77 89.6 74.4 114.4



#36
4-Chloro-3-methylphenol
Concen: 5.973 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Tgt Ion:107 Resp: 78723
Ion Ratio Lower Upper
107 100
144 0.0 21.0 31.6#
142 0.0 64.4 96.6#

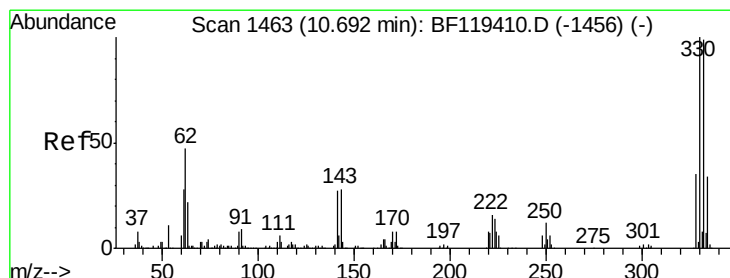
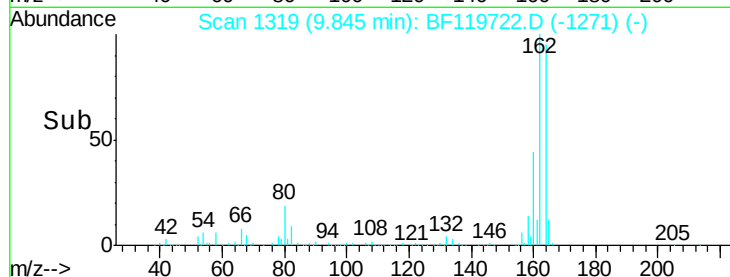
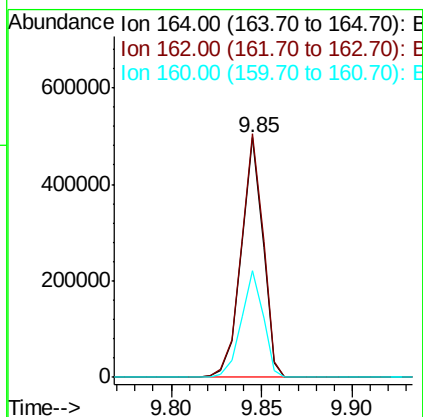
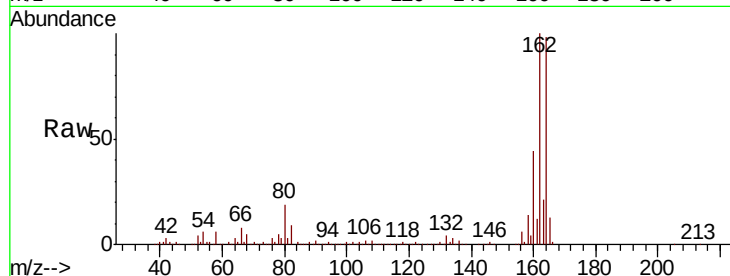




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119722.D
 Acq: 3 Apr 2020 16:35

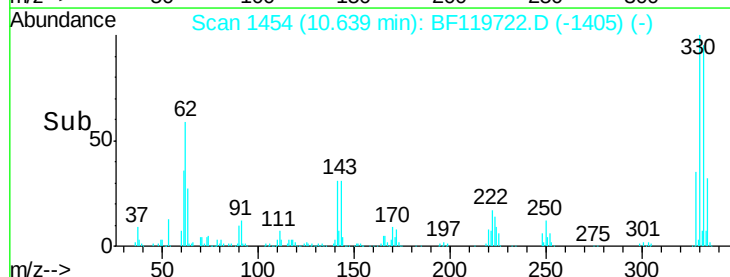
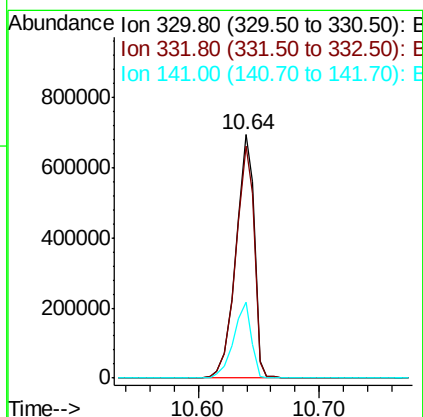
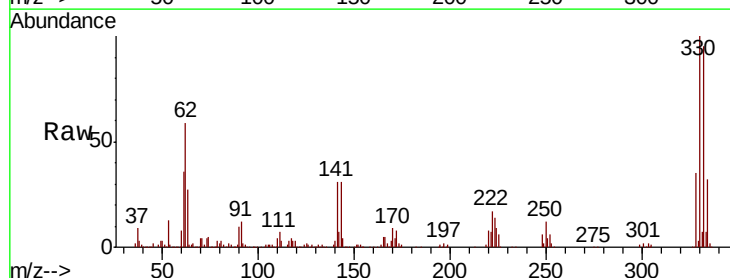
Instrument :
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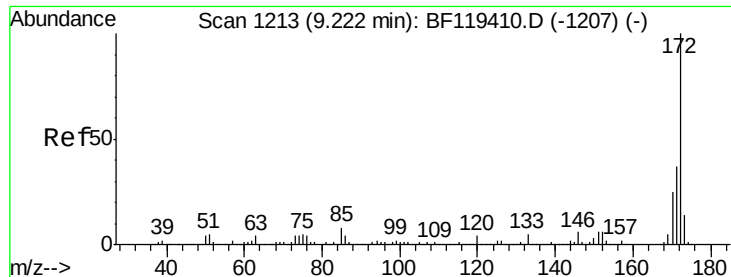
Tot Ion:164 Resp: 412983
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.6 121.0
 160 44.5 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 173.865 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119722.D
 Acq: 3 Apr 2020 16:35

Tgt Ion:330 Resp: 740770
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.7 113.5
 141 30.1 25.4 38.0

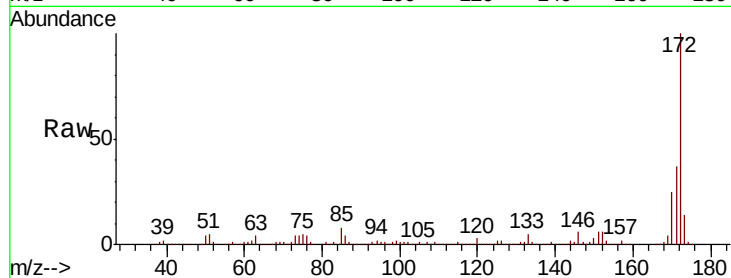




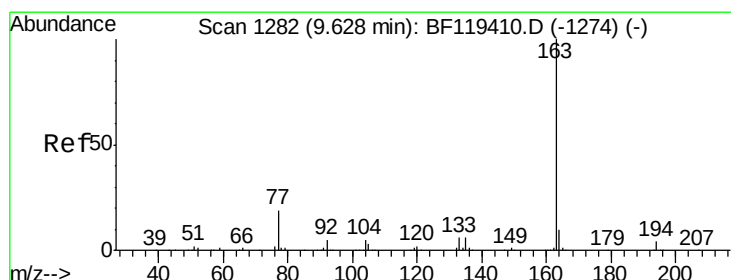
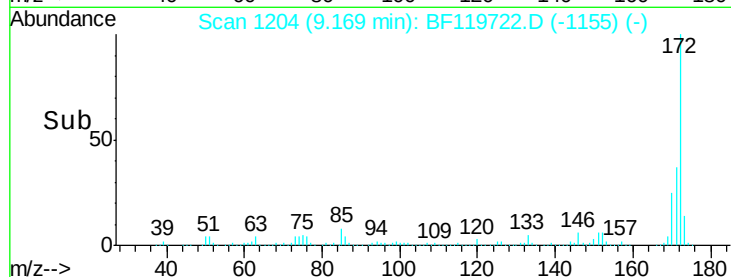
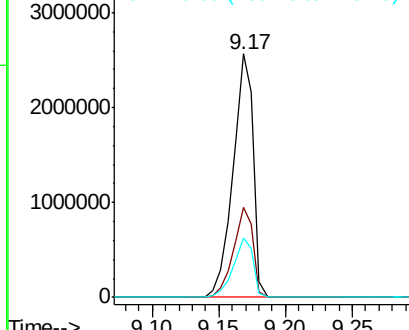
#45
2-Fluorobiphenyl
Concen: 97.818 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASH

Tot Ion:172 Resp: 2726840
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.5 20.2 30.2

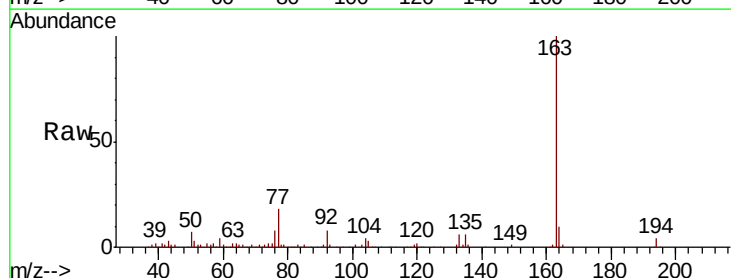


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

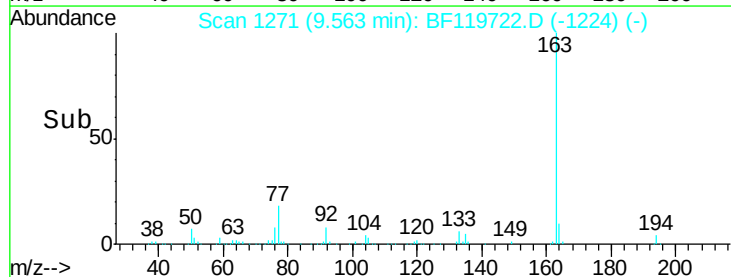
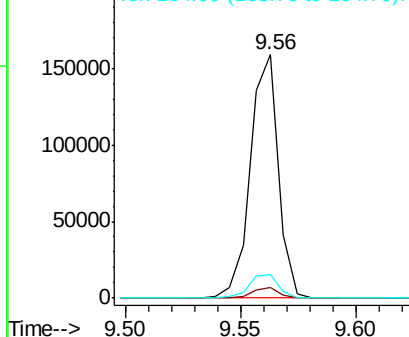


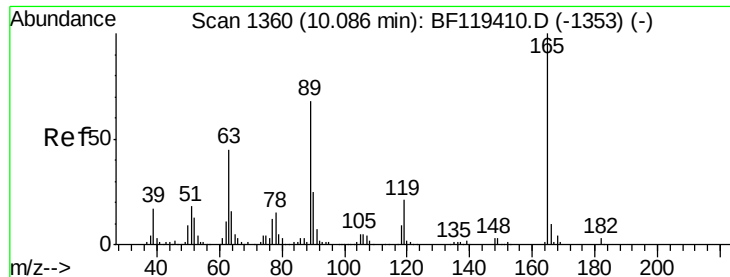
#50
Dimethylphthalate
Concen: 4.576 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Tgt Ion:163 Resp: 134223
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.6 8.2 12.2



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

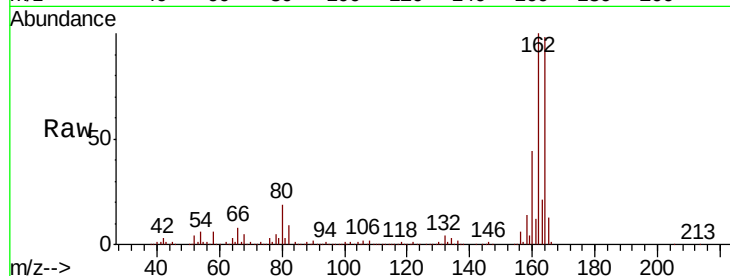




#57
 2,4-Dinitrotoluene
 Concen: 6.793 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119722.D
 Acq: 3 Apr 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.6	64.0#
89	1.6	61.0	91.4#
182	0.0	2.2	3.2#

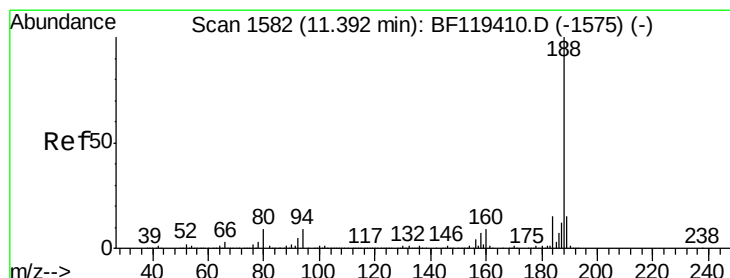
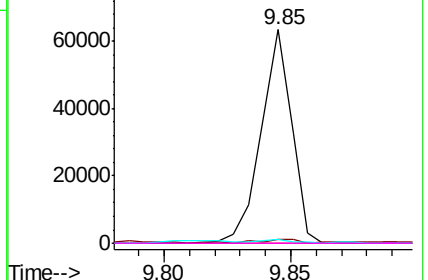
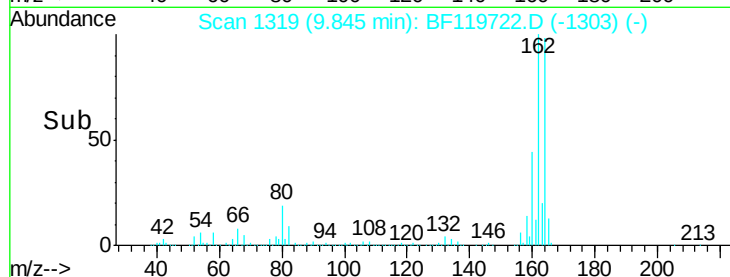


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

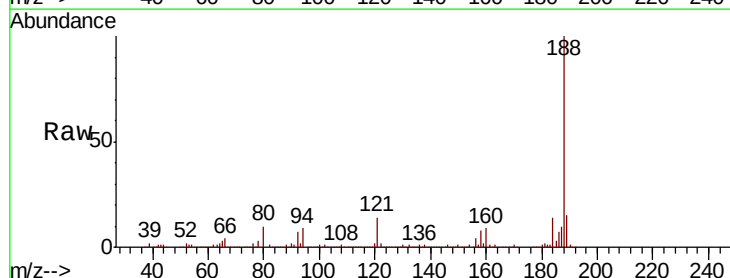
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119722.D
 Acq: 3 Apr 2020 16:35

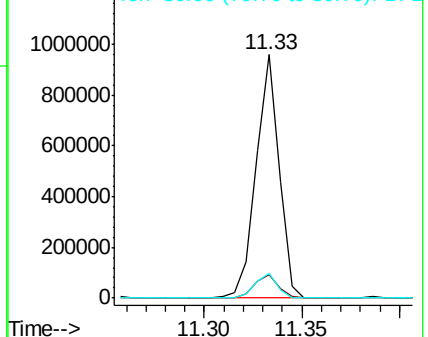
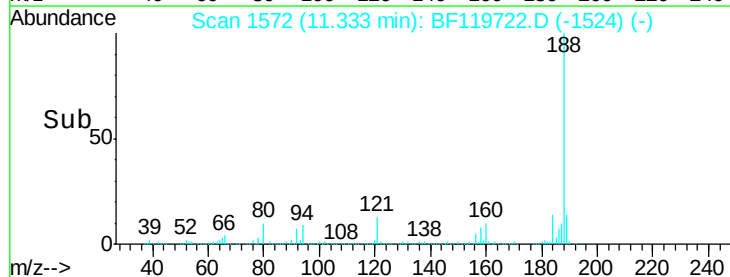
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.1	9.0	13.4

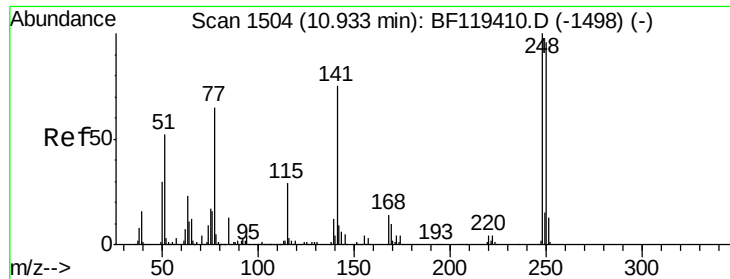


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

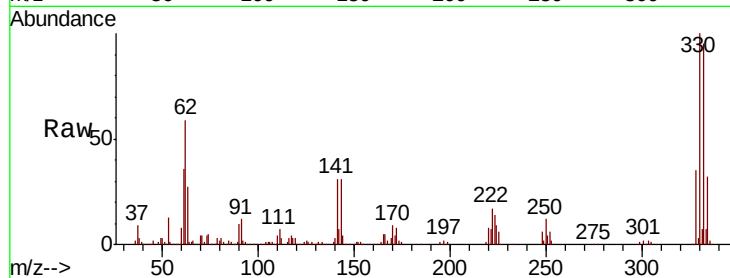




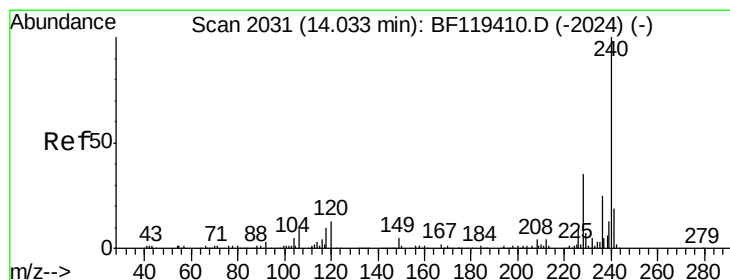
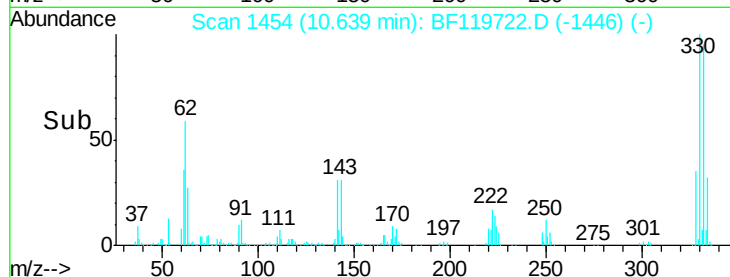
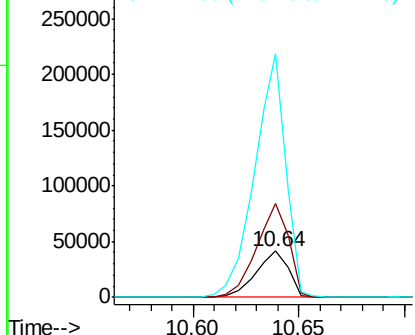
#67
4-Bromophenyl-phenylether
Concen: 4.971 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASH

Tot Ion:248 Resp: 44247
Ion Ratio Lower Upper
248 100
250 204.0 77.3 115.9#
141 527.2 58.6 87.8#

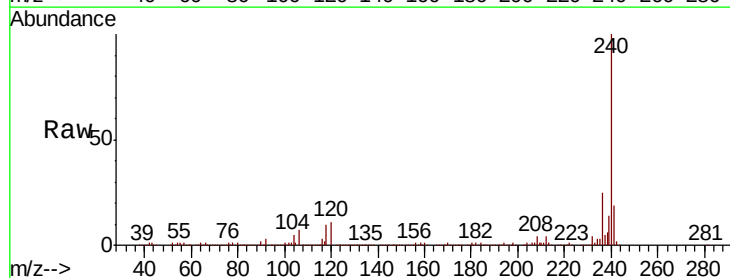


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

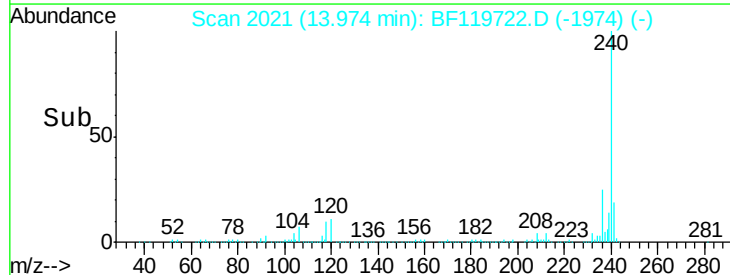
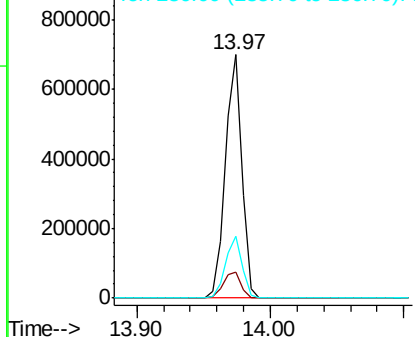


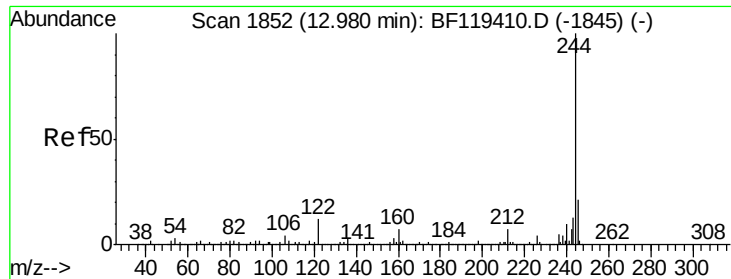
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF119722.D
Acq: 3 Apr 2020 16:35

Tgt Ion:240 Resp: 613929
Ion Ratio Lower Upper
240 100
120 10.8 10.6 15.8
236 25.4 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: 94.223 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119722.D

Acq: 3 Apr 2020 16:35

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH

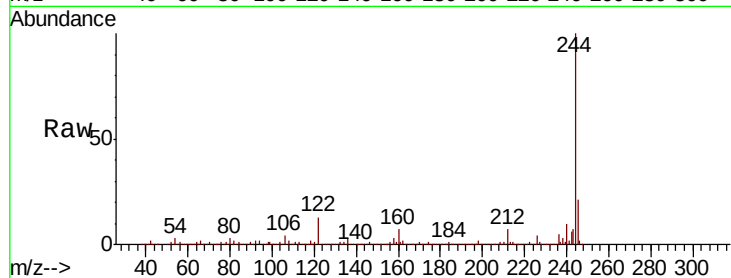
Tot Ion:244 Resp: 2952514

Ion Ratio Lower Upper

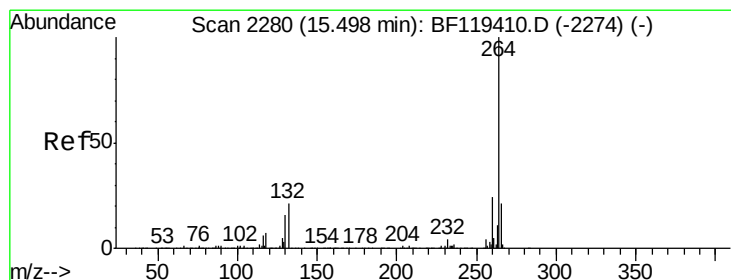
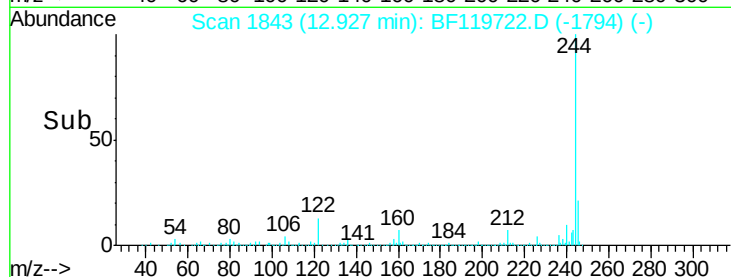
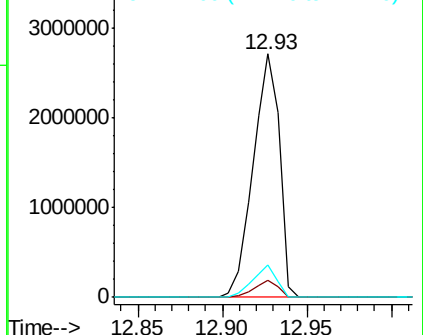
244 100

212 6.8 5.8 8.8

122 13.3 10.3 15.5



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: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF119722.D

Acq: 3 Apr 2020 16:35

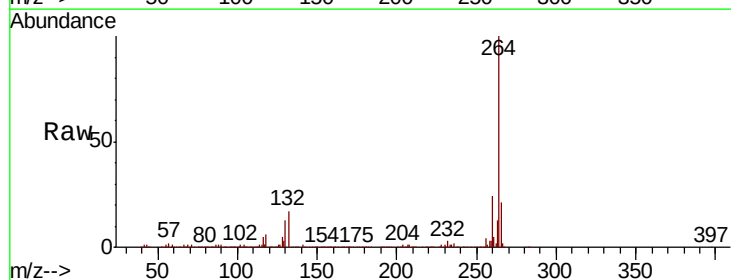
Tgt Ion:264 Resp: 519976

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

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

