

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114871.D
 Acq On : 6 Jun 2019 19:23
 Operator : HP/JU
 Sample : K3198-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DPC-81626-FB-06

Quant Time: Jun 07 00:02:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

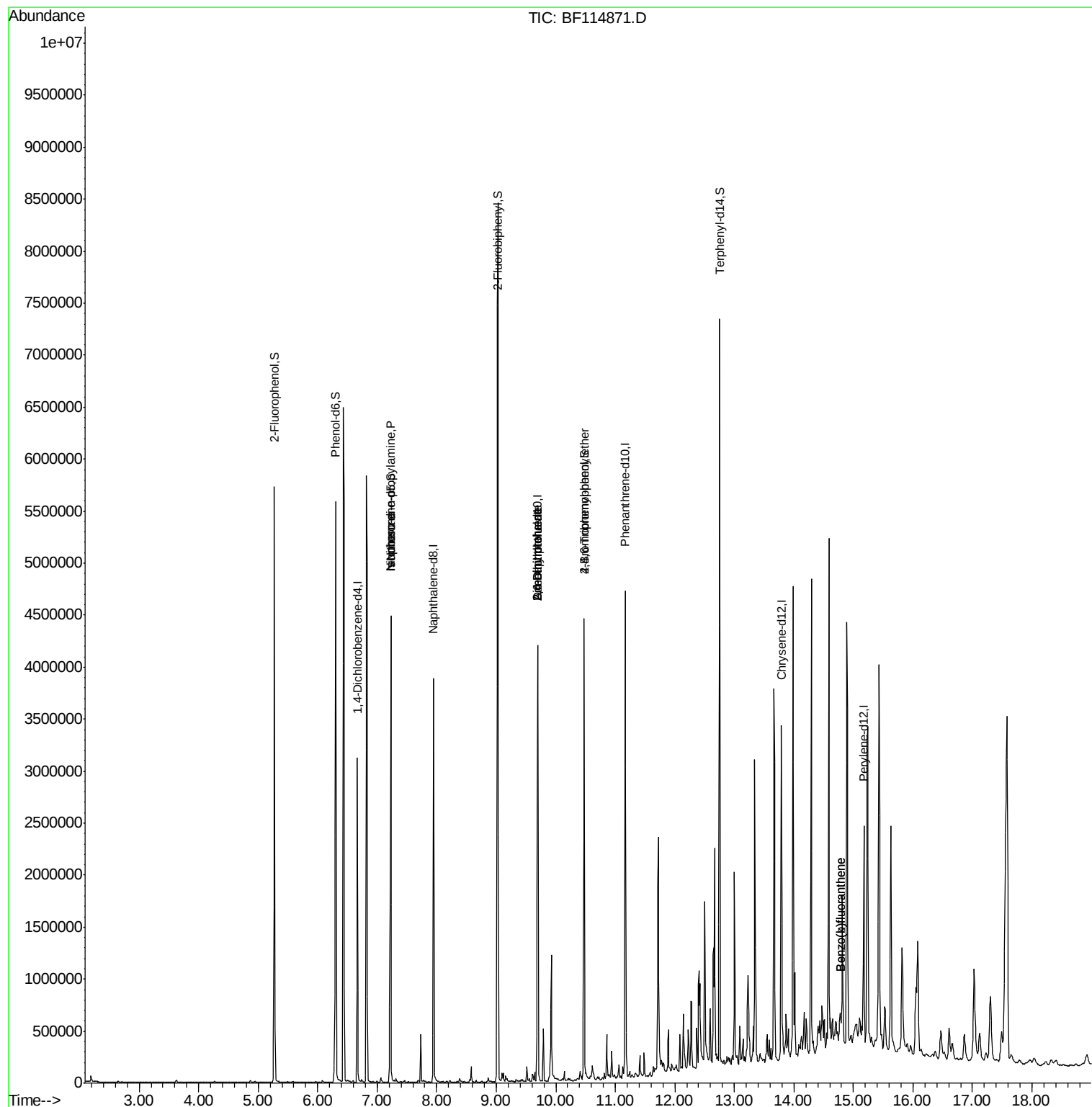
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	491287	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1894310	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	921242	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1609349	20.00	ng	0.00
76) Chrysene-d12	13.79	240	991311	20.00	ng	0.00
87) Perylene-d12	15.17	264	904838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1828798	65.04	ng	0.01
7) Phenol-d6	6.30	99	2312832	67.60	ng	0.00
23) Nitrobenzene-d5	7.23	82	1510272	49.08	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	606035	61.04	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2874412	58.45	ng	0.00
79) Terphenyl-d14	12.75	244	2641167	51.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	199593	8.813	ng	# 79
25) Isophorone	7.23	82	1483726	24.389	ng	# 61
50) Dimethylphthalate	9.70	163	262203	3.897	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	121127	7.655	ng	# 32
57) 2,4-Dinitrotoluene	9.69	165	121127	6.089	ng	# 32
58) Fluorene	10.24	166	4900	Below Cal		# 94
67) 4-Bromophenyl-phenylether	10.48	248	39642	2.169	ng	# 1
88) Benzo(b)fluoranthene	14.79	252	119077	2.067	ng	# 96
89) Benzo(k)fluoranthene	14.79	252	119077	2.434	ng	# 97

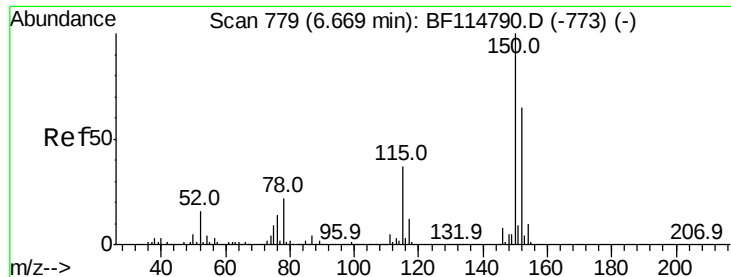
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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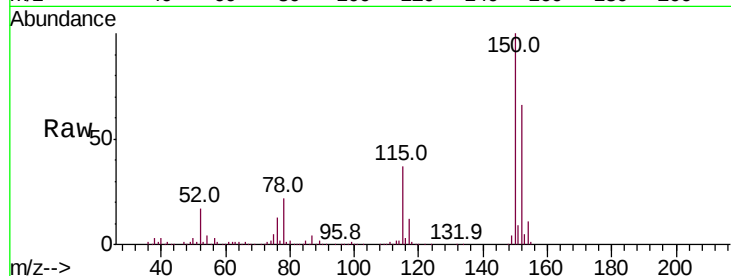


#1

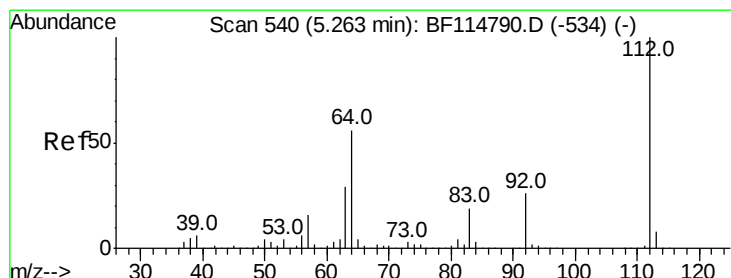
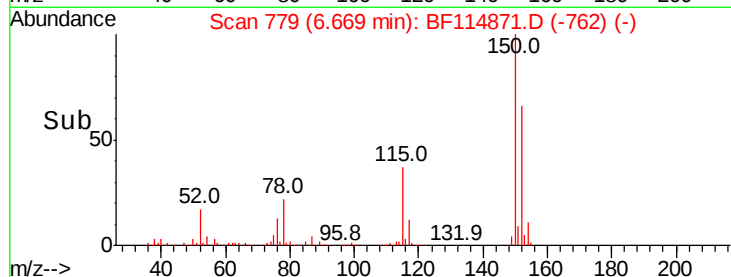
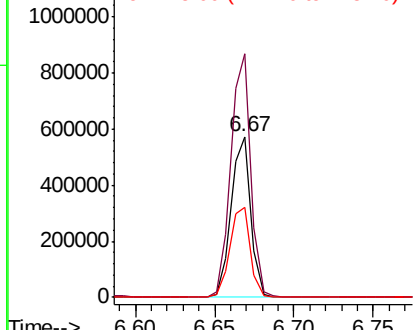
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-06

Tot Ion:152 Resp: 491287
Ion Ratio Lower Upper
152 100
150 151.8 124.0 186.0
115 56.5 46.3 69.5



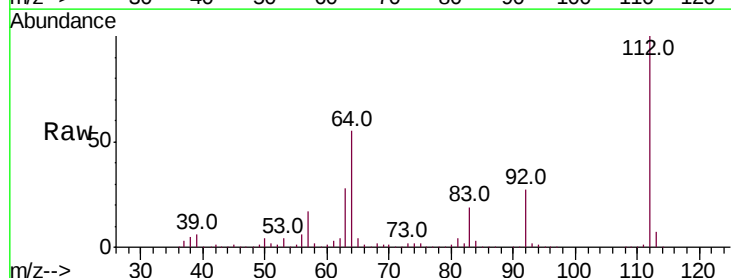
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



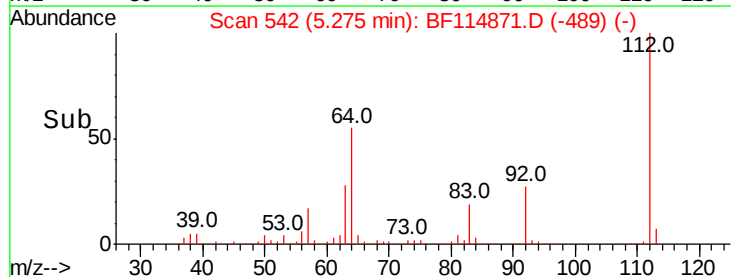
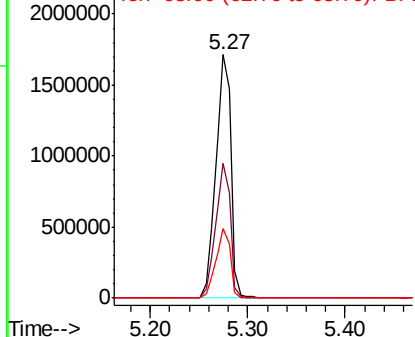
#5

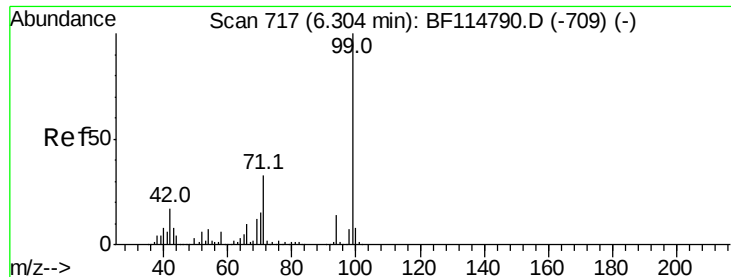
2-Fluorophenol
Concen: 65.045 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

Tgt Ion:112 Resp: 1828798
Ion Ratio Lower Upper
112 100
64 55.4 44.6 66.8
63 28.4 23.0 34.4



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: 67.604 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-06

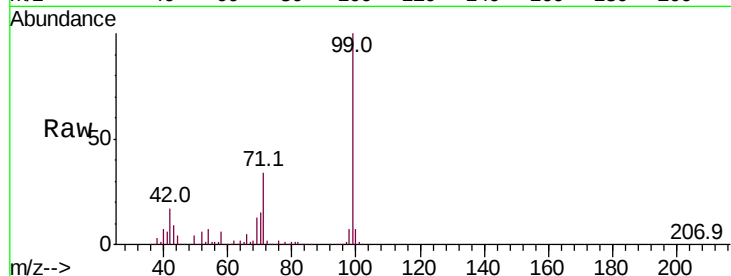
Tot Ion: 99 Resp: 2312832

Ion Ratio Lower Upper

99 100

42 17.0 13.3 19.9

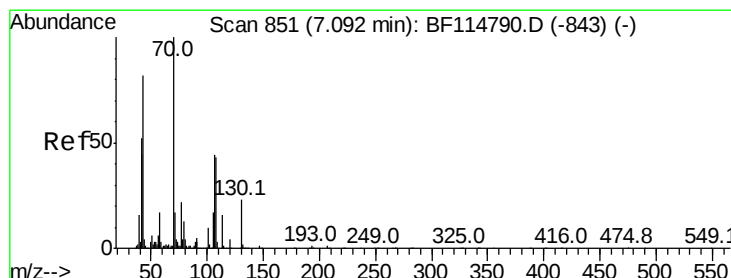
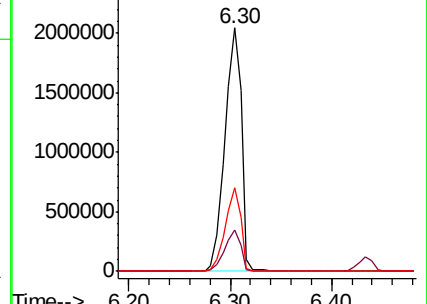
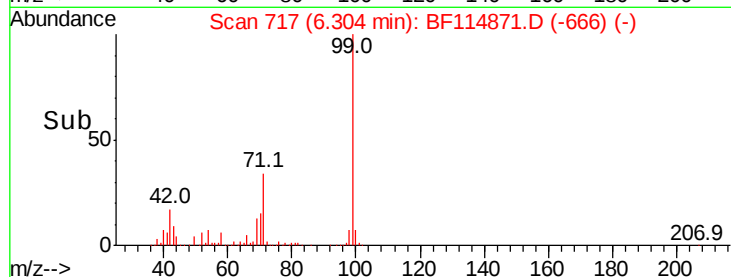
71 34.2 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.813 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Tgt Ion: 70 Resp: 199593

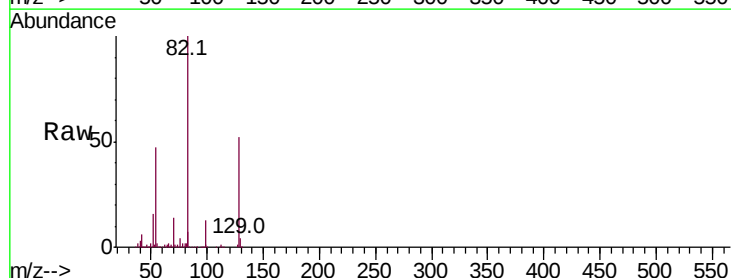
Ion Ratio Lower Upper

70 100

42 44.3 41.8 62.8

101 0.0 8.2 12.4#

130 2.8 18.5 27.7#

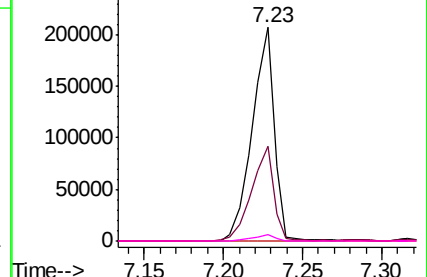
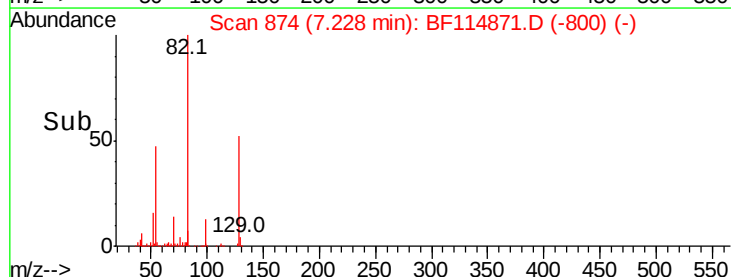


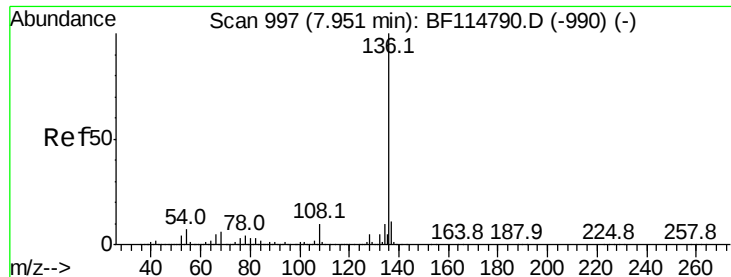
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

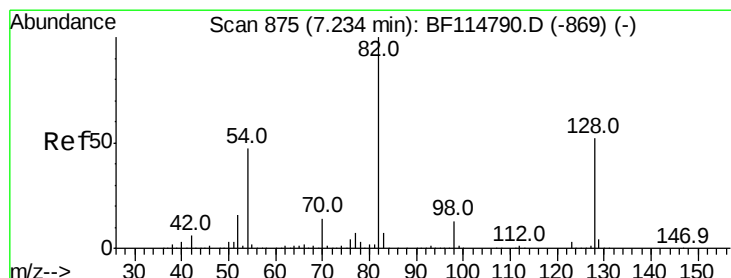
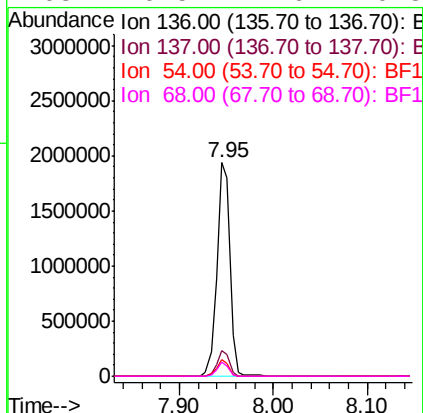
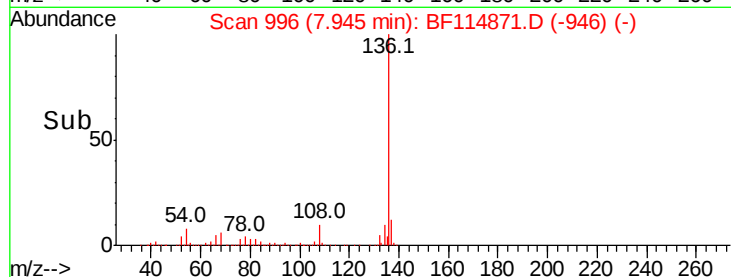
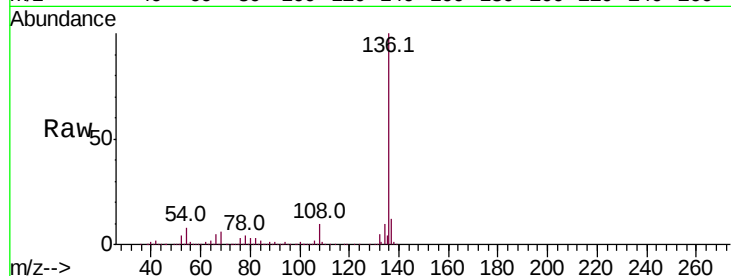




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

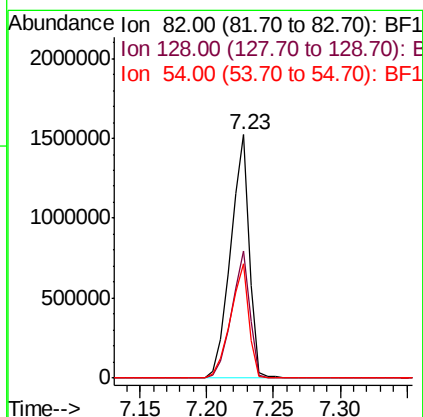
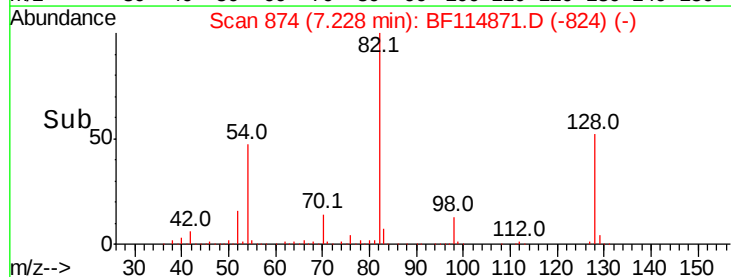
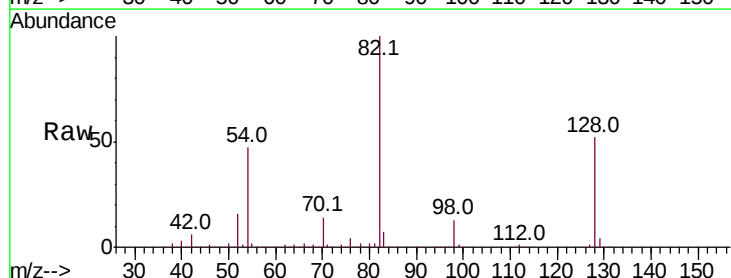
Instrument :
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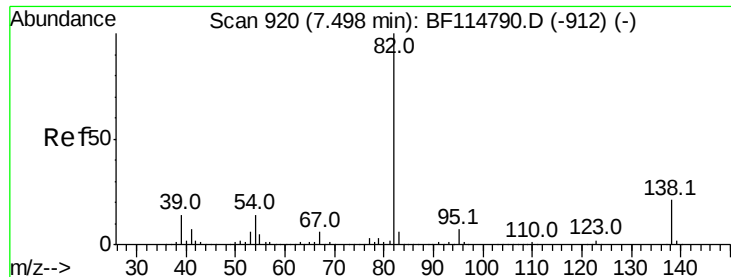
Tot Ion:136	Resp: 1894310
Ion Ratio	Lower Upper
136 100	
137 11.8	9.1 13.7
54 7.5	5.4 8.0
68 6.5	4.6 6.8



#23
Nitrobenzene-d5
Concen: 49.079 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

Tgt Ion: 82	Resp: 1510272
Ion Ratio	Lower Upper
82 100	
128 52.2	41.8 62.6
54 47.0	37.9 56.9





#25

Isophorone

Concen: 24.389 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-06

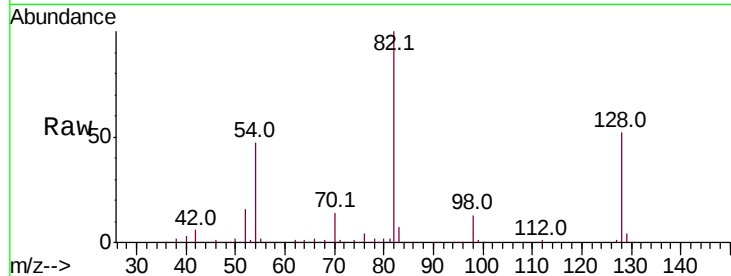
Tot Ion: 82 Resp: 1483726

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

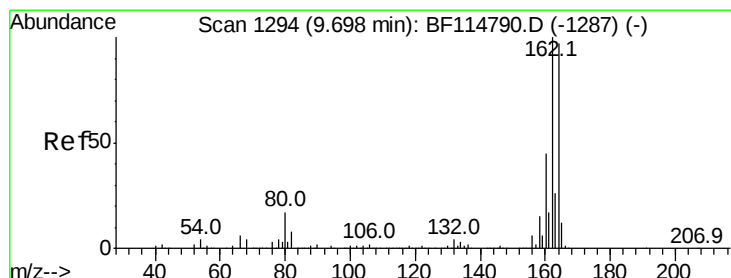
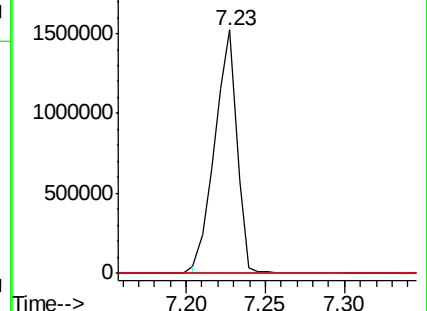
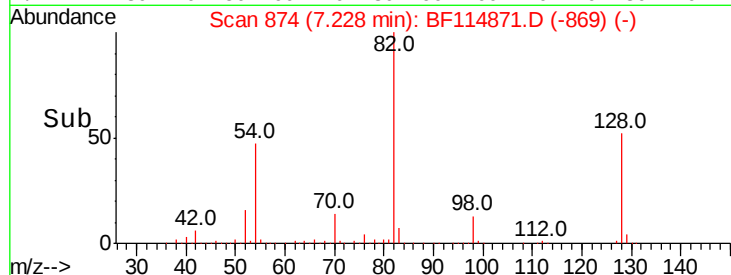
138 0.0 16.9 25.3#



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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

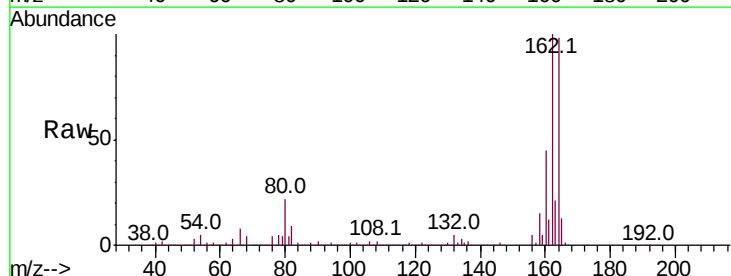
Tgt Ion:164 Resp: 921242

Ion Ratio Lower Upper

164 100

162 101.9 82.3 123.5

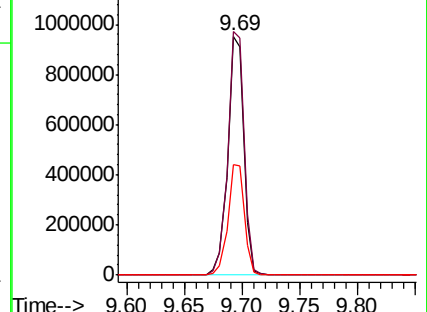
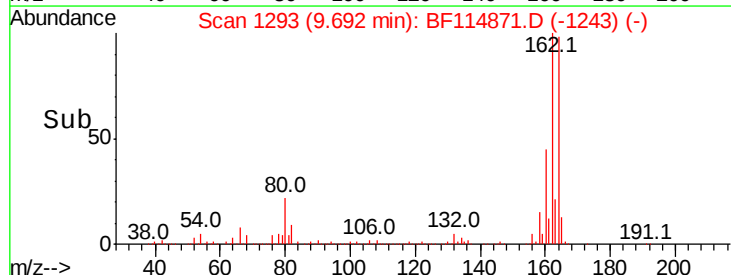
160 46.3 36.7 55.1

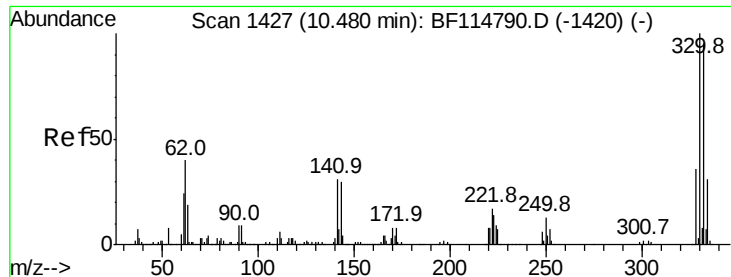


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

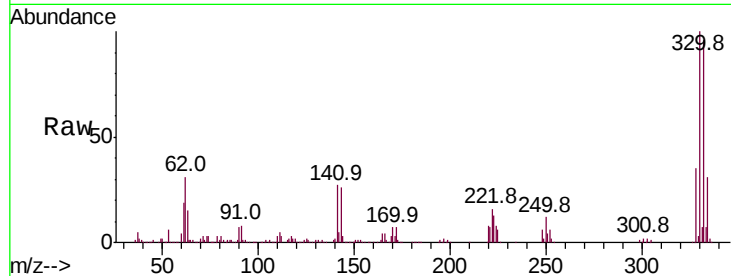




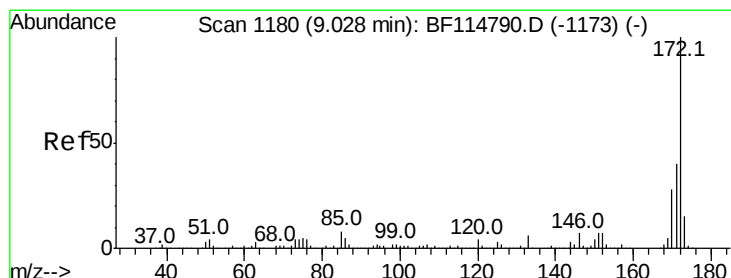
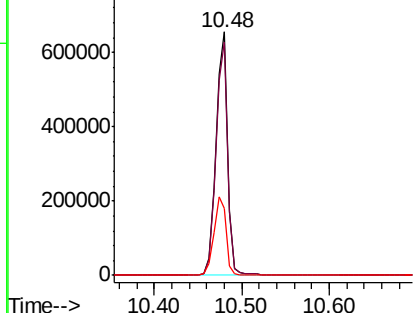
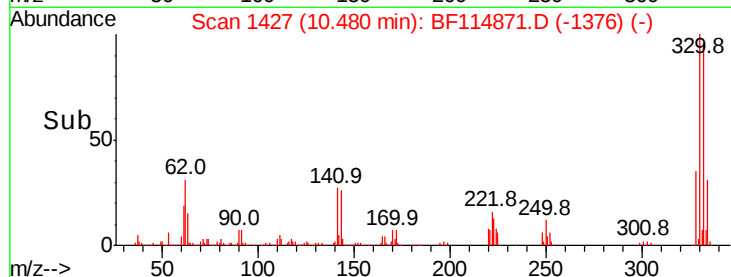
#42
 2,4,6-Tribromophenol
 Concen: 61.044 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114871.D
 Acq: 6 Jun 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DPC-81626-FB-06

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	33.9	26.2	39.4

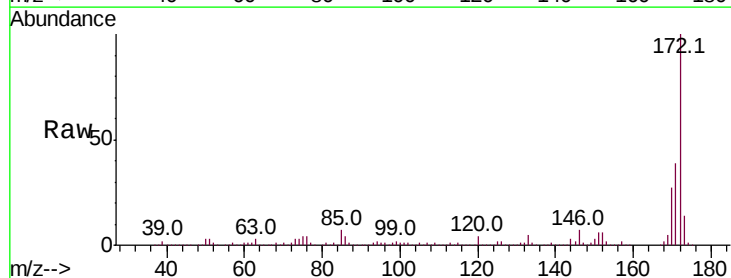


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

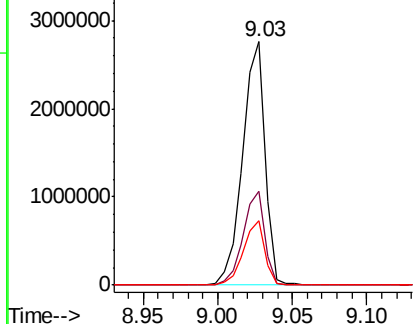
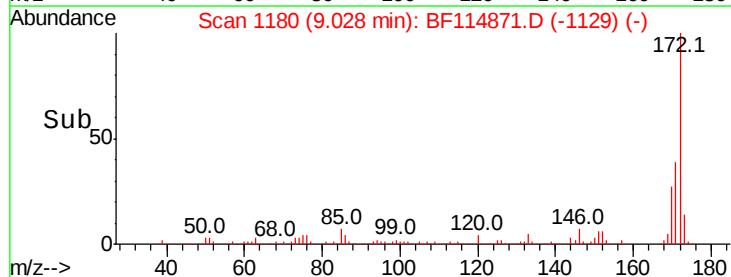


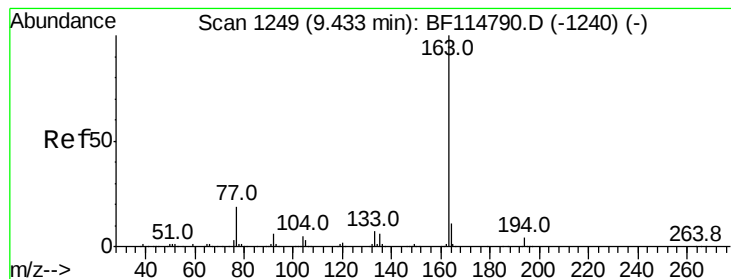
#45
 2-Fluorobiphenyl
 Concen: 58.449 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114871.D
 Acq: 6 Jun 2019 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.3	48.5
170	26.6	22.4	33.6



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: 3.897 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.26 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-06

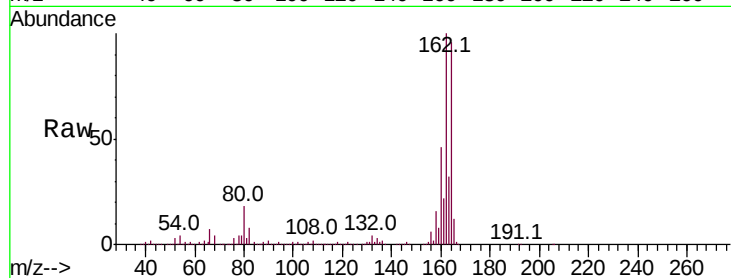
Tot Ion:163 Resp: 262203

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

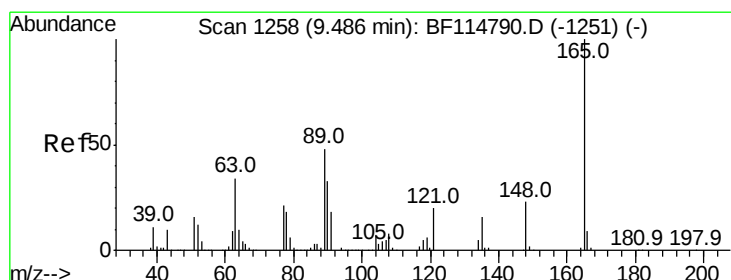
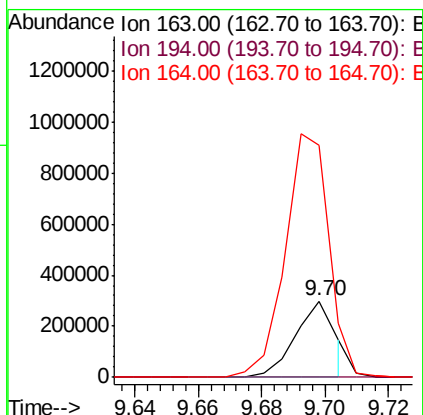
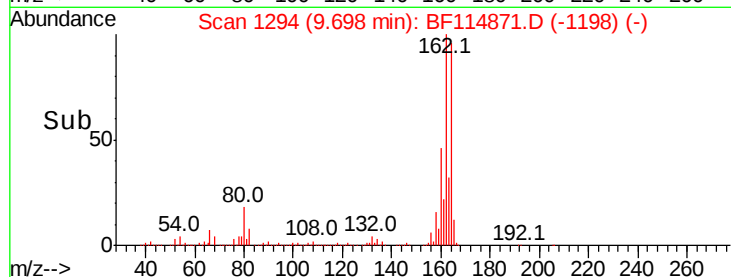
164 305.1 8.6 13.0#



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



#51

2,6-Dinitrotoluene

Concen: 7.655 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.21 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

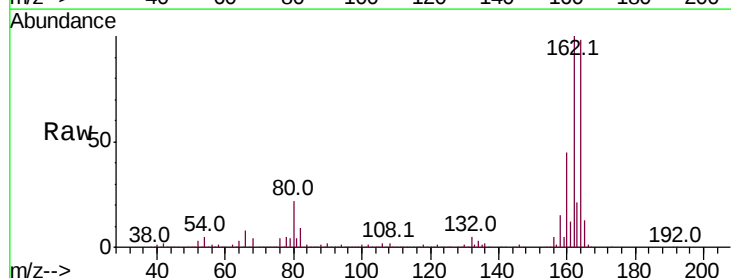
Tgt Ion:165 Resp: 121127

Ion Ratio Lower Upper

165 100

63 0.8 35.1 52.7#

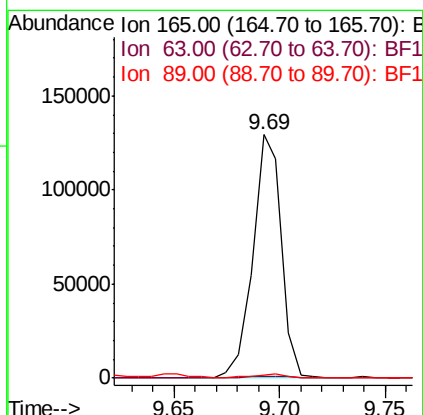
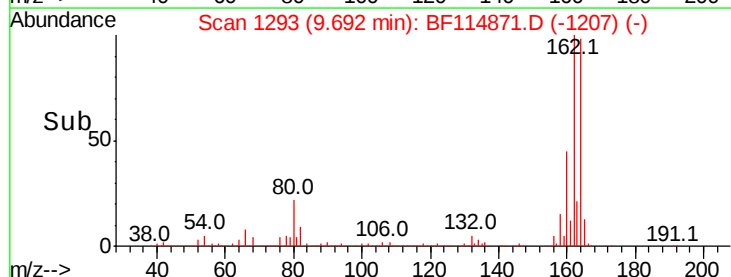
89 1.3 38.2 57.2#

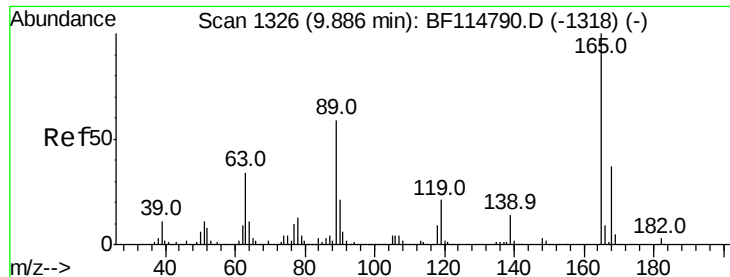


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

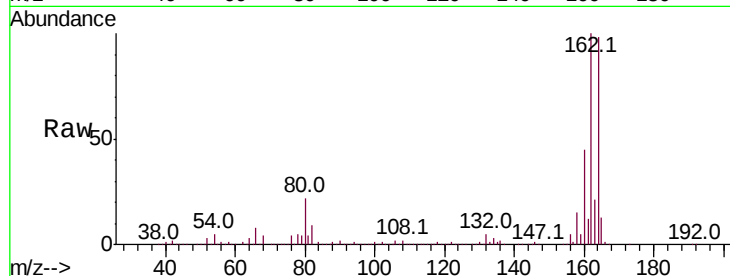




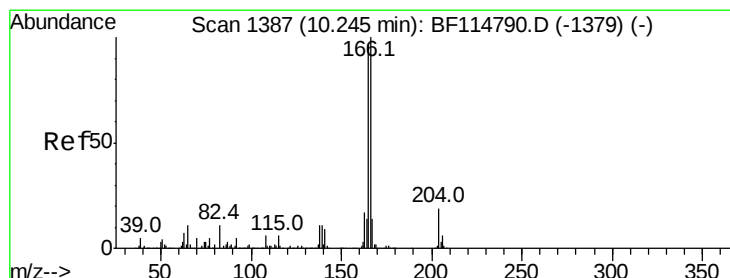
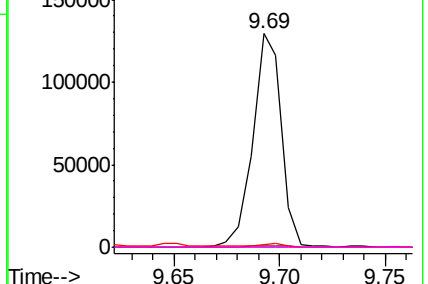
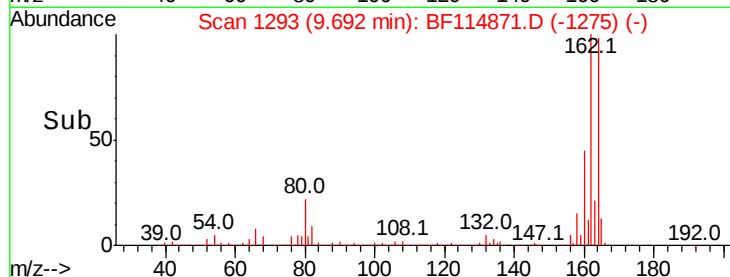
#57
 2,4-Dinitrotoluene
 Concen: 6.089 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.19 min
 Lab File: BF114871.D
 Acq: 6 Jun 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DPC-81626-FB-06

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	27.0	40.4#
89	1.3	47.0	70.6#
182	0.0	2.2	3.2#

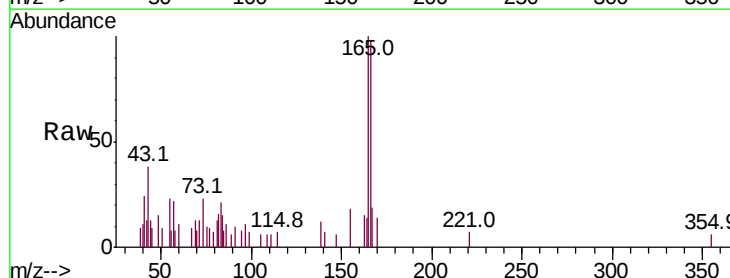


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

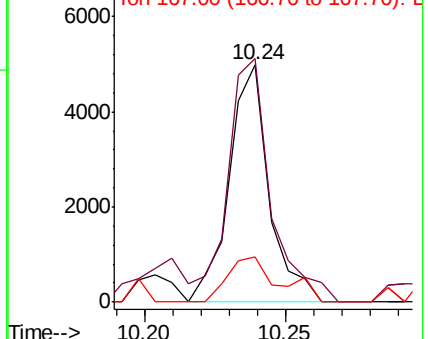
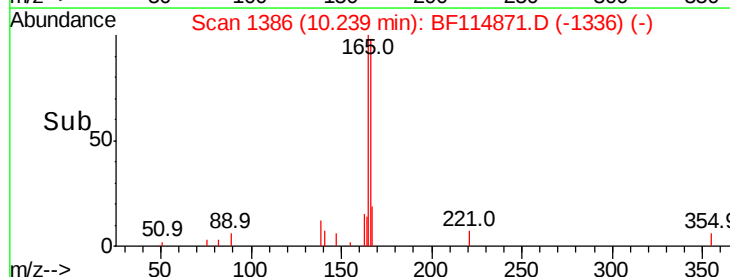


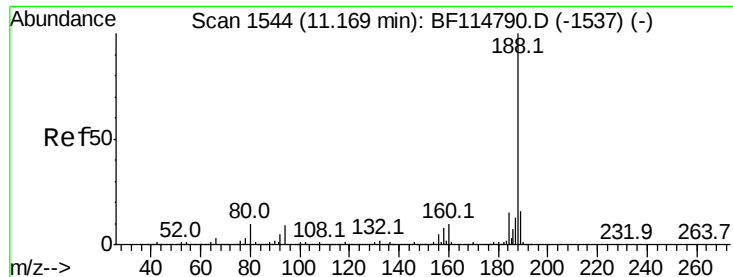
#58
 Fluorene
 Concen: Below Cal
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF114871.D
 Acq: 6 Jun 2019 19:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.9	116.9
167	19.1	11.3	16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-06

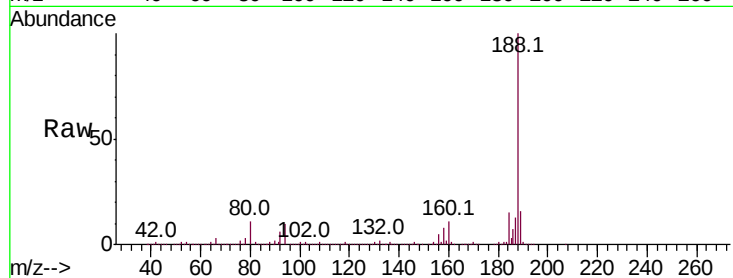
Tot Ion:188 Resp: 1609349

Ion Ratio Lower Upper

188 100

94 10.5 7.6 11.4

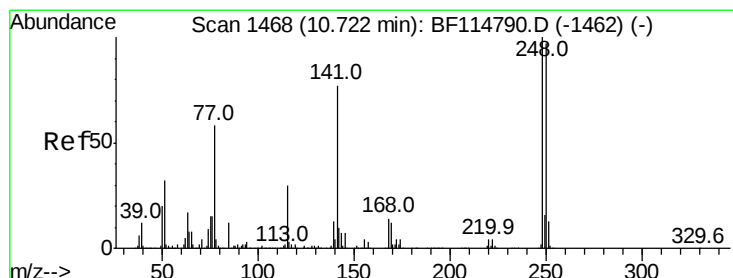
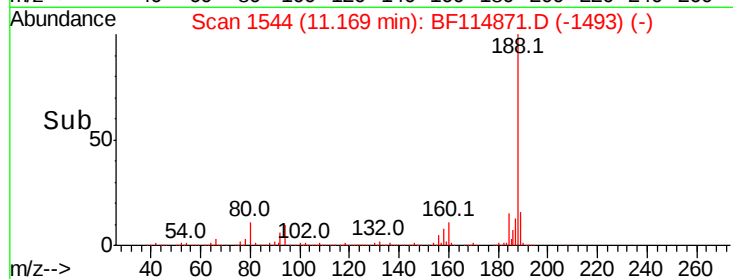
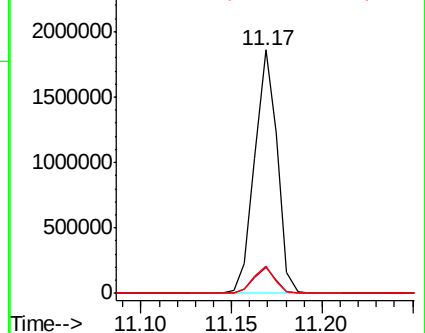
80 11.0 8.3 12.5



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: 2.169 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.24 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

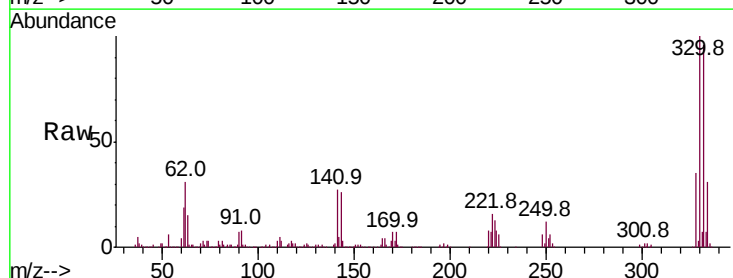
Tgt Ion:248 Resp: 39642

Ion Ratio Lower Upper

248 100

250 199.9 77.5 116.3#

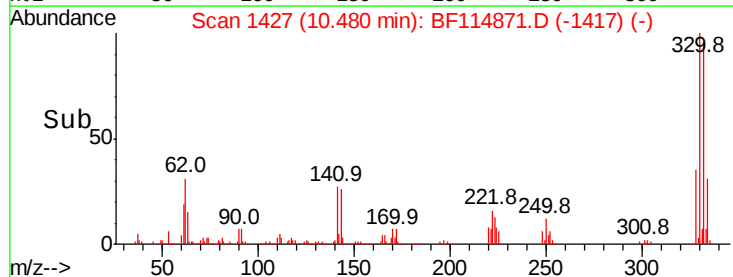
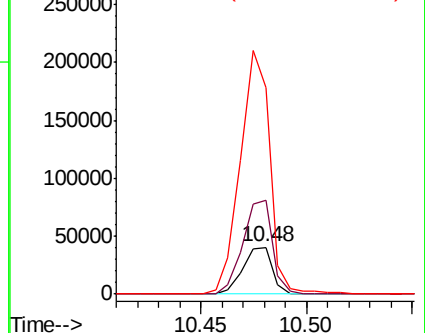
141 440.7 61.8 92.8#

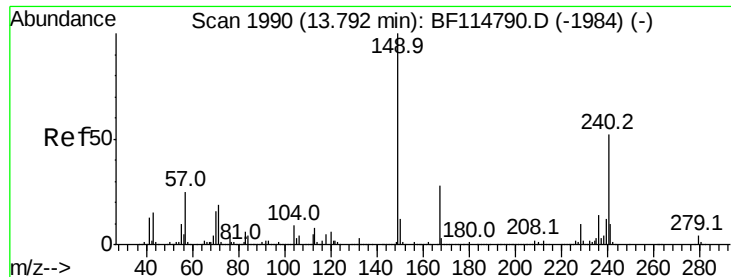


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-06

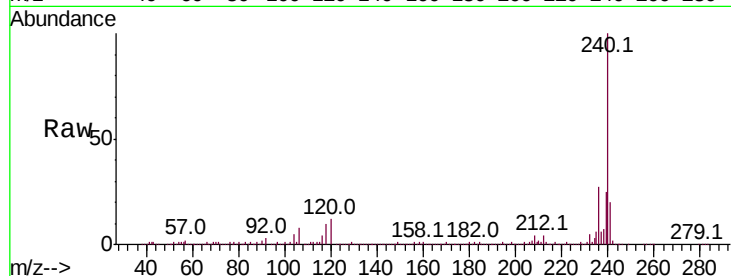
Tot Ion:240 Resp: 991311

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

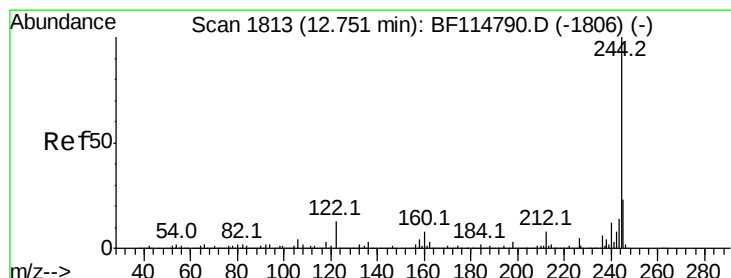
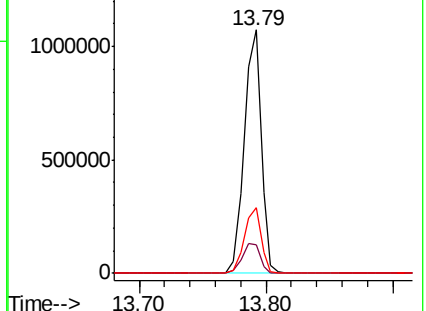
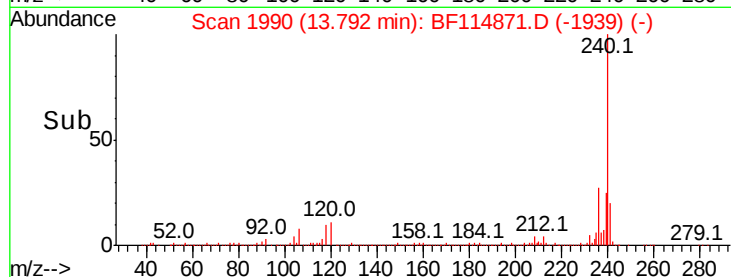
236 27.0 21.4 32.0



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: 51.815 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114871.D

Acq: 6 Jun 2019 19:23

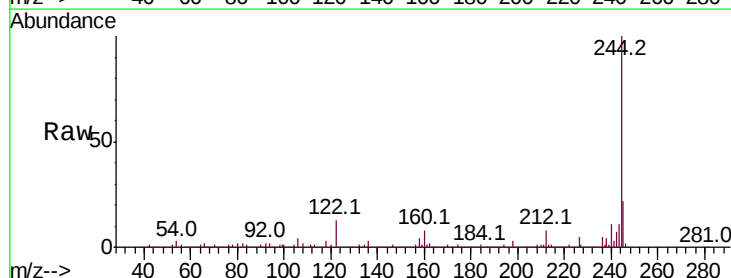
Tgt Ion:244 Resp: 2641167

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

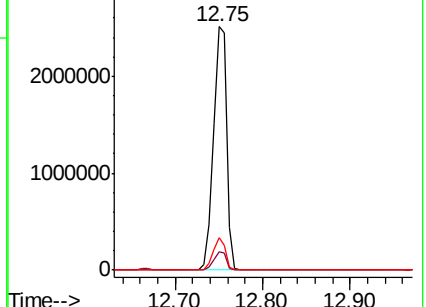
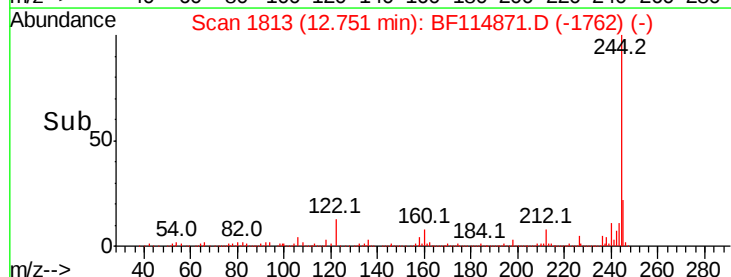
122 13.2 10.5 15.7

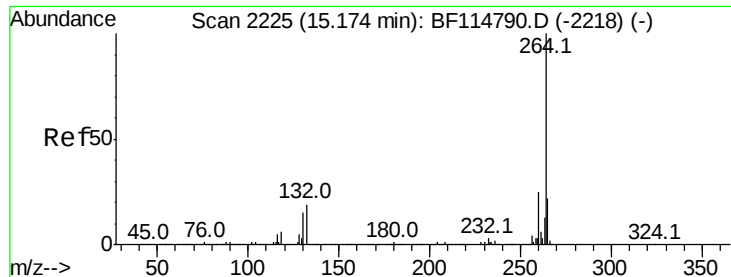


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



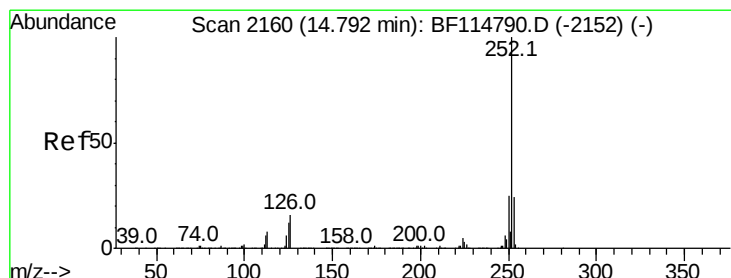
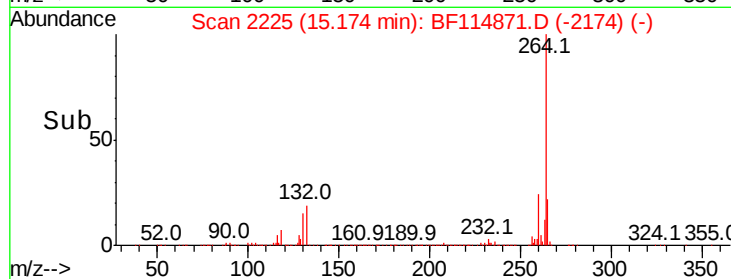
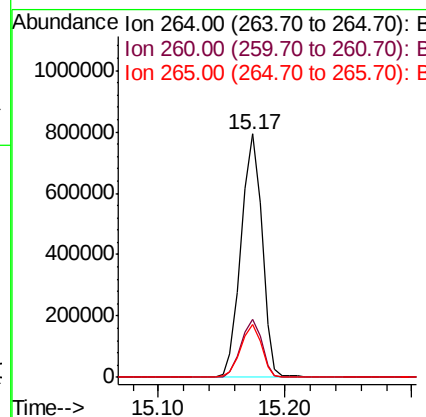
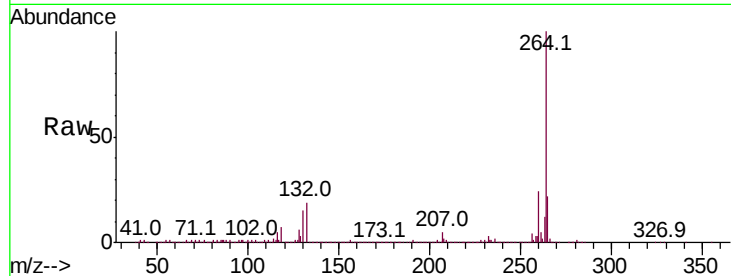


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-06

Tot Ion:264 Resp: 904838

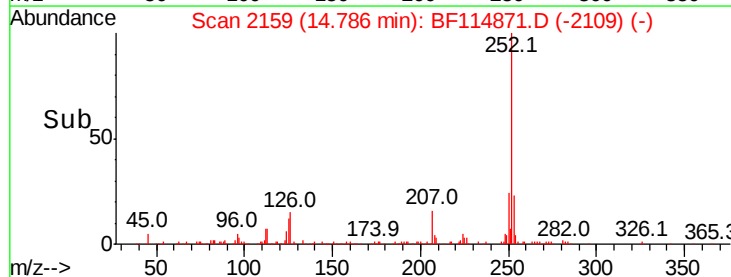
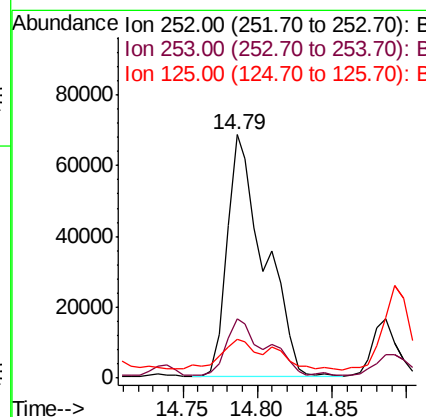
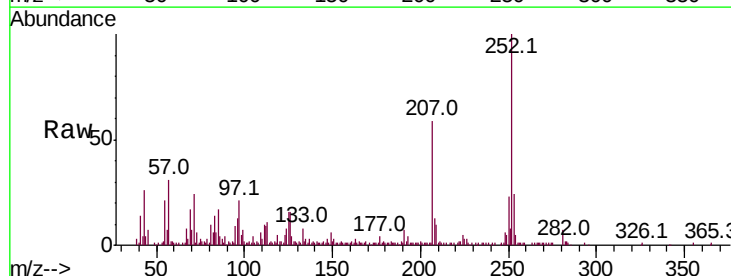
Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.7	17.7	26.5

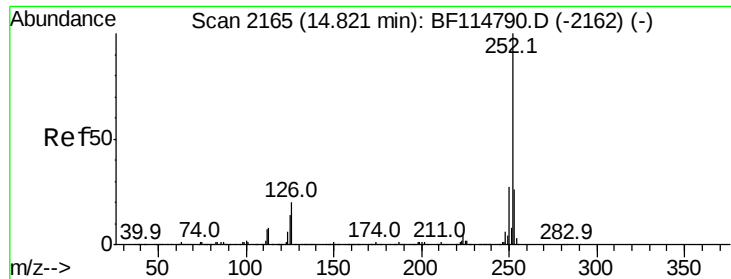


#88
Benzo(b)fluoranthene
Concen: 2.067 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF114871.D
Acq: 6 Jun 2019 19:23

Tgt Ion:252 Resp: 119077

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.6
125	16.1	9.4	14.0#





#89

Benzo(k)fluoranthene

Concen: 2.434 ng

RT: 14.79 min Scan# 2159

Delta R.T. -0.04 min

Lab File: BF114871.D

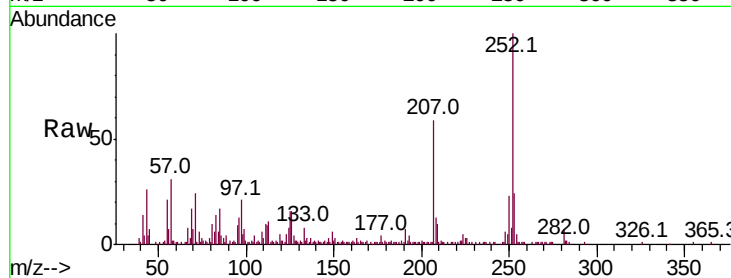
Acq: 6 Jun 2019 19:23

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-06



Tot Ion:252	Resp:	119077
Ion	Ratio	Lower Upper
252	100	
253	24.1	19.3 28.9
125	16.1	10.1 15.1#

