

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
 Data File : BF121566.D
 Acq On : 14 Sep 2020 18:05
 Operator : JU/CG
 Sample : L3869-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-091120

Quant Time: Sep 15 00:46:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

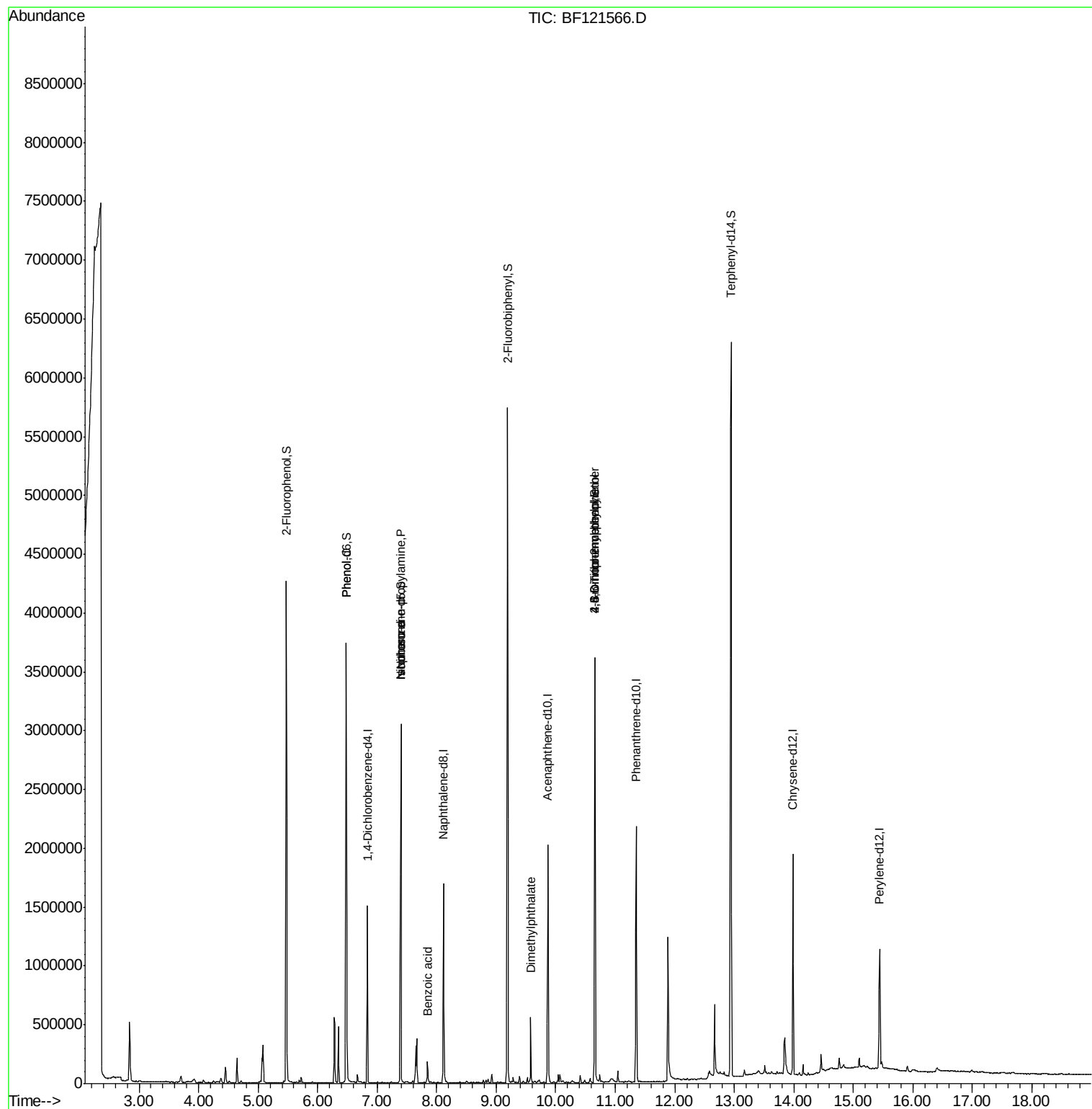
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	189386	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	745095	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	387239	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	735397	20.00	ng	0.00
76) Chrysene-d12	13.99	240	590274	20.00	ng	0.00
86) Perylene-d12	15.44	264	456623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1120074	87.89	ng	0.03
7) Phenol-d6	6.48	99	1304667	78.04	ng	0.02
23) Nitrobenzene-d5	7.40	82	1075418	77.50	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	520335	108.11	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1824562	71.36	ng	0.00
79) Terphenyl-d14	12.95	244	2222214	76.27	ng	0.00
Target Compounds						
10) Phenol	6.49	94	40686	2.285	ng	# 59
19) n-Nitroso-di-n-propylamine	7.40	70	145068	15.056	ng	# 78
25) Isophorone	7.40	82	1069921	38.300	ng	# 66
32) Benzoic acid	7.84	122	959	7.024	ng	# 57
50) Dimethylphthalate	9.58	163	190973	6.804	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.66	198	964	7.035	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	30923	3.693	ng	# 1

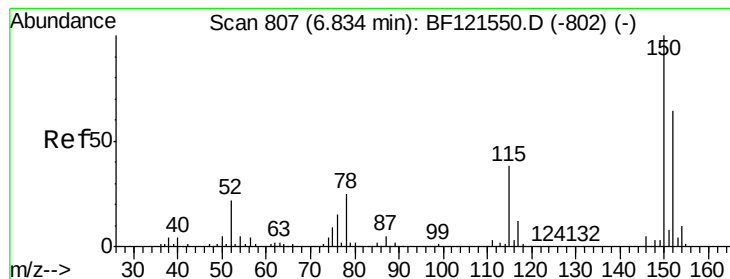
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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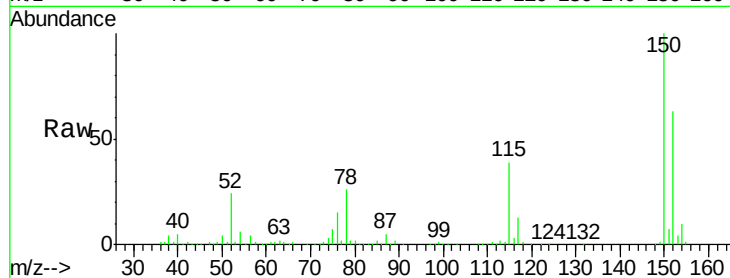


#1

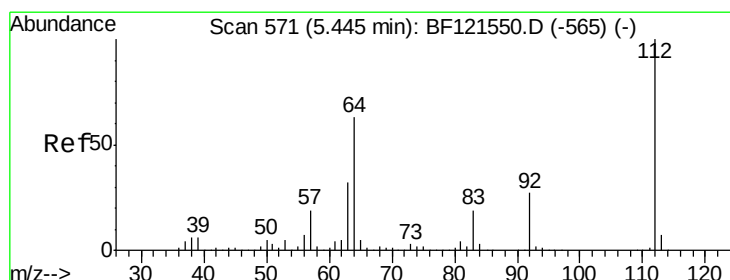
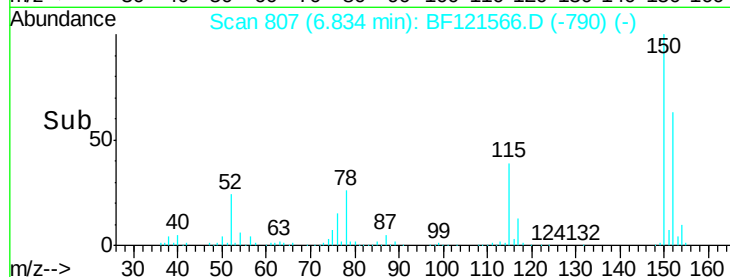
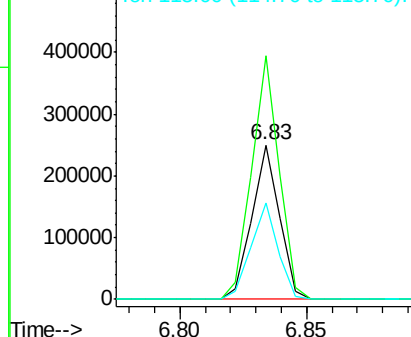
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

Instrument :
BNA_F
ClientSampleId :
OR-03-091120

Tot Ion:152 Resp: 189386
Ion Ratio Lower Upper
152 100
150 157.9 125.8 188.6
115 62.3 47.8 71.8



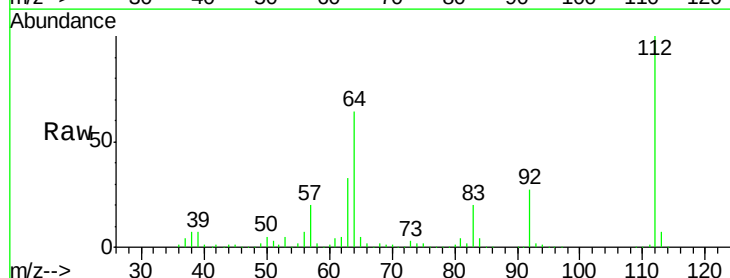
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



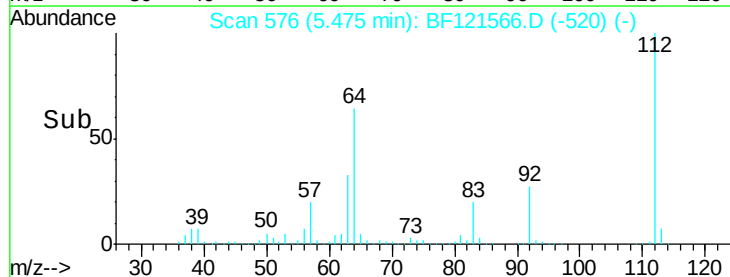
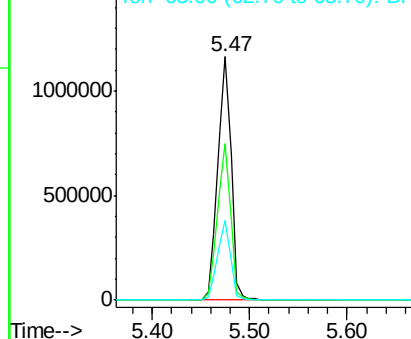
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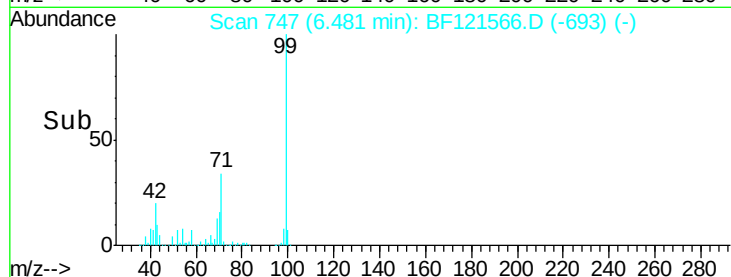
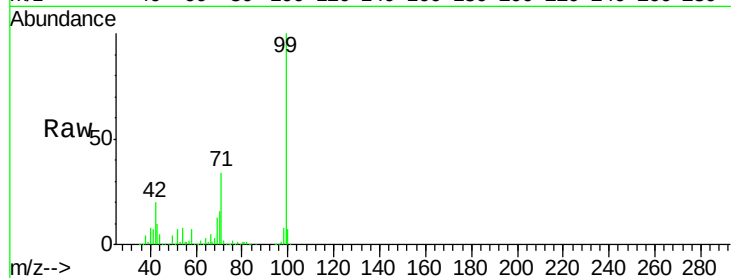
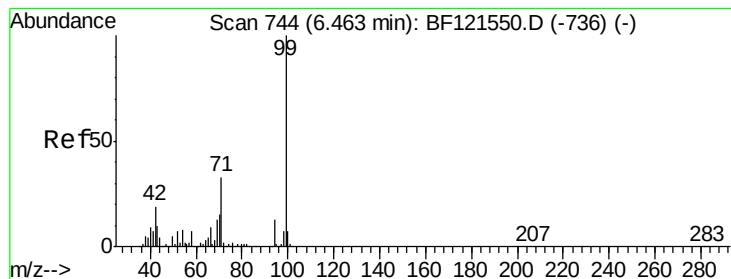
2-Fluorophenol
Concen: 87.893 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.03 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

Tgt Ion:112 Resp: 1120074
Ion Ratio Lower Upper
112 100
64 64.2 50.3 75.5
63 32.8 25.6 38.4



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: 78.036 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121566.D

Acq: 14 Sep 2020 18:05

Instrument :

BNA_F

ClientSampleId :

OR-03-091120

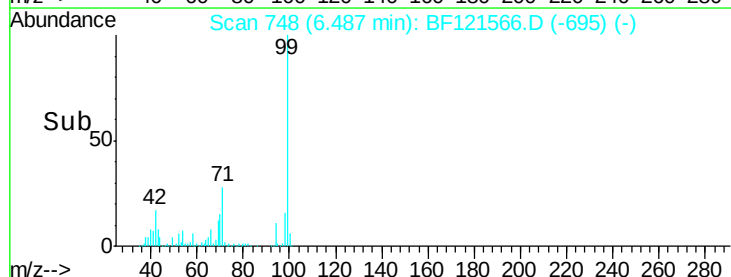
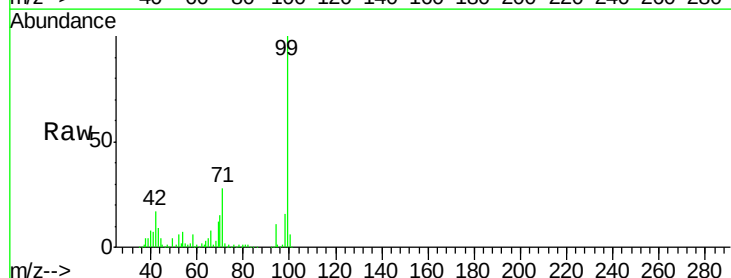
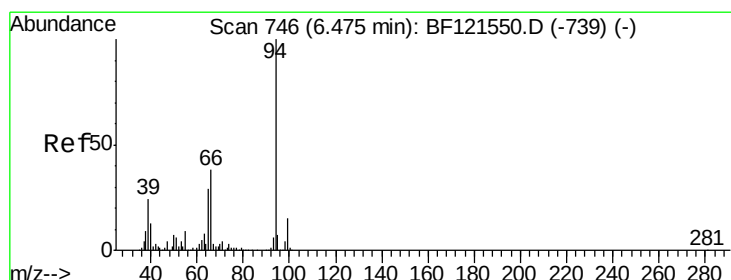
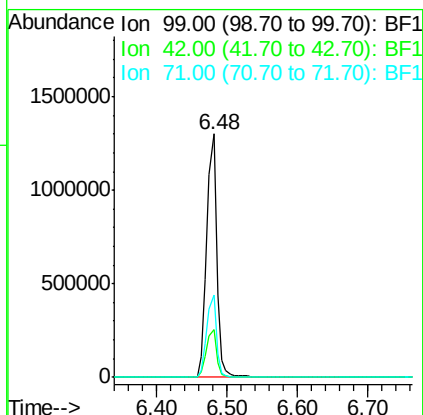
Tot Ion: 99 Resp: 1304667

Ion Ratio Lower Upper

99 100

42 19.8 15.5 23.3

71 33.6 26.1 39.1



#10

Phenol

Concen: 2.285 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121566.D

Acq: 14 Sep 2020 18:05

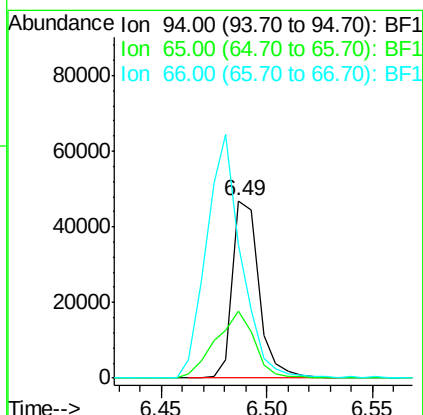
Tgt Ion: 94 Resp: 40686

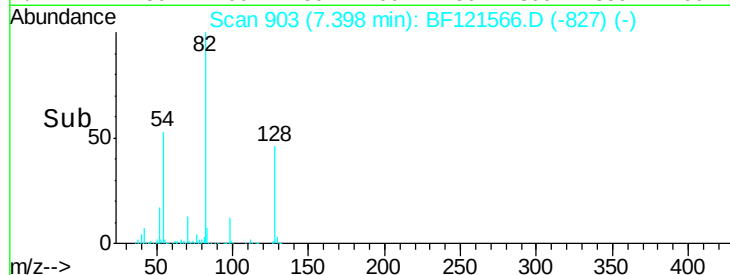
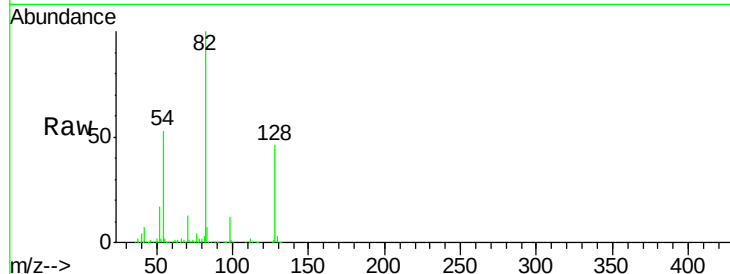
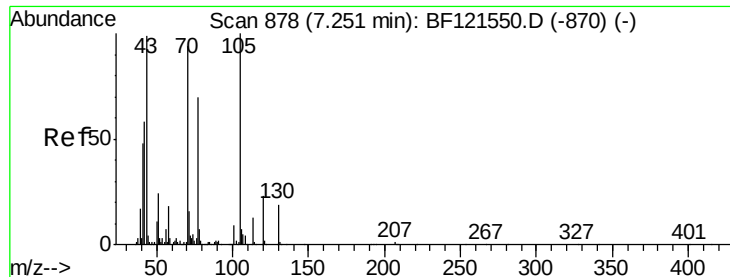
Ion Ratio Lower Upper

94 100

65 37.4 9.4 49.4

66 75.0 18.3 58.3#

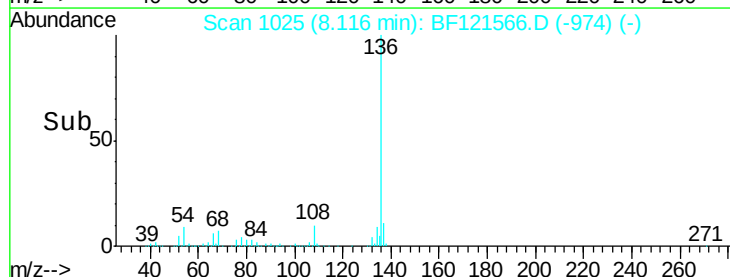
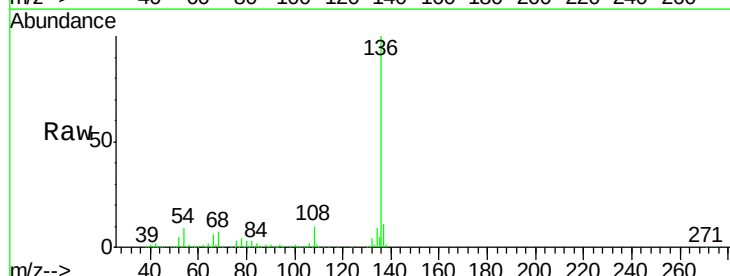
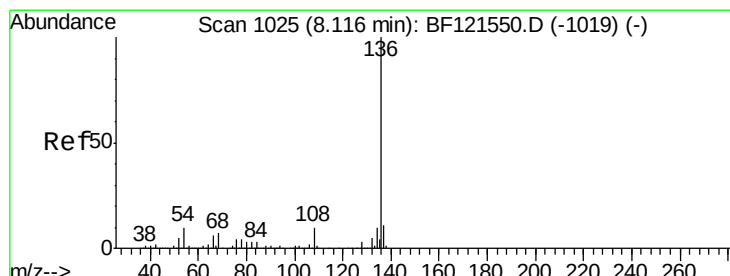
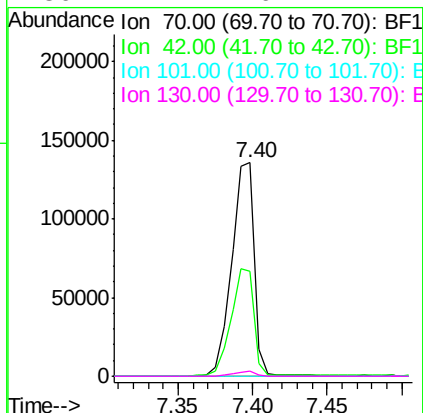




#19
n-Nitroso-di-n-propylamine
Concen: 15.056 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

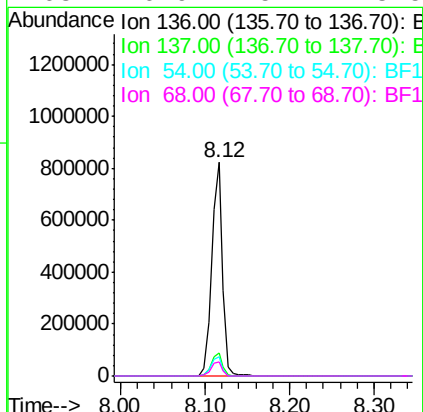
Instrument :
BNA_F
ClientSampleId :
OR-03-091120

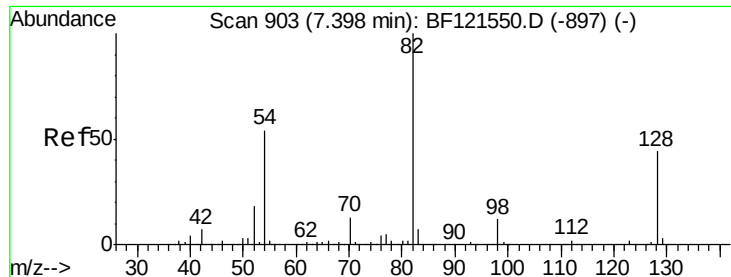
Tot Ion:	70	Resp:	145068
Ion	Ratio	Lower	Upper
70	100		
42	49.4	49.4	74.2#
101	0.0	7.6	11.4#
130	2.2	16.2	24.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

Tgt Ion:	136	Resp:	745095
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.0	7.6	11.4
68	6.9	5.7	8.5

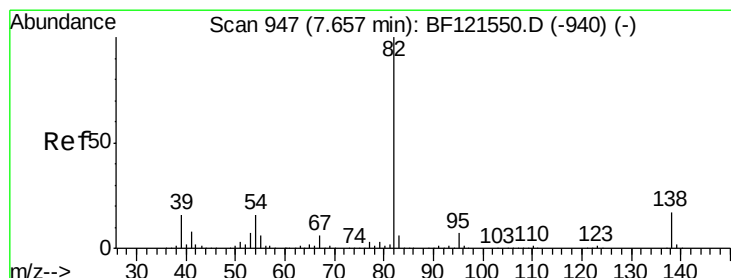
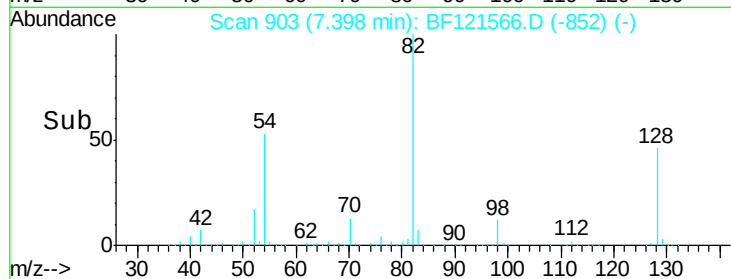
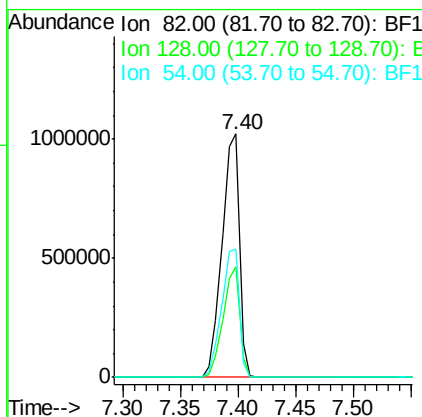
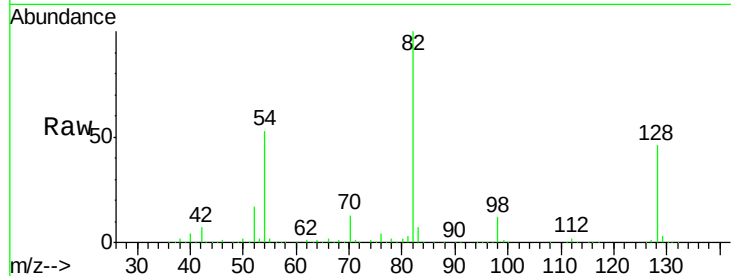




#23
 Nitrobenzene-d5
 Concen: 77.495 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121566.D
 Acq: 14 Sep 2020 18:05

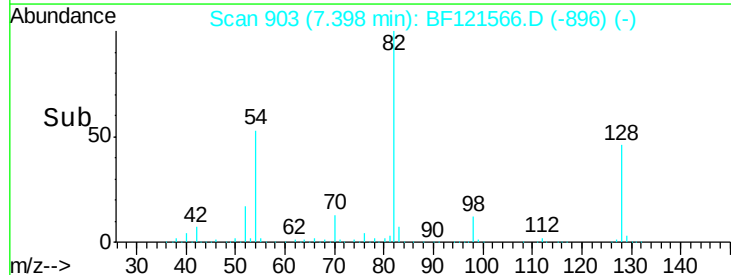
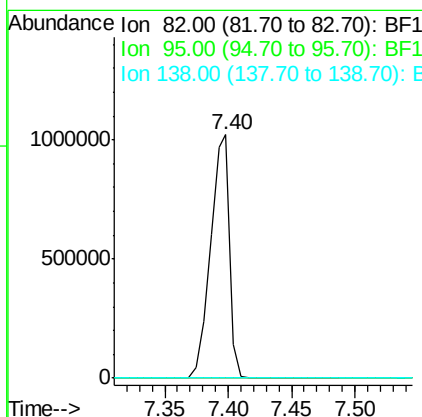
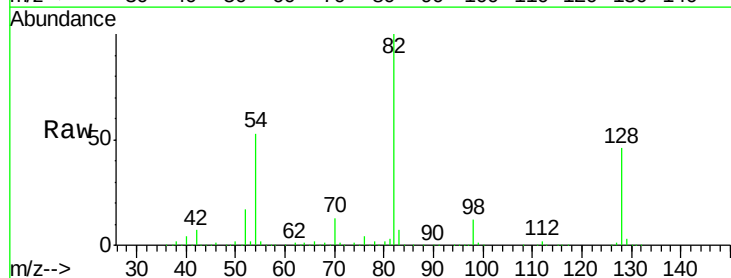
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-091120

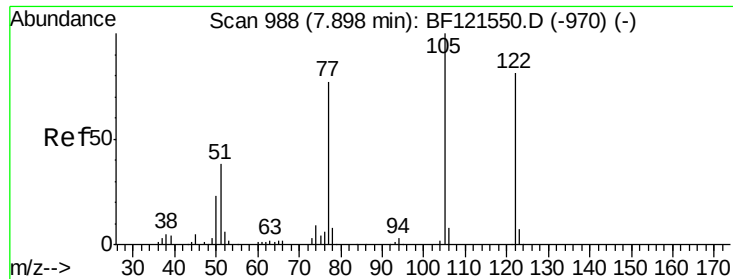
Tot Ion: 82 Resp: 1075418
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.1 52.7
 54 52.7 43.0 64.6



#25
 Isophorone
 Concen: 38.300 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.26 min
 Lab File: BF121566.D
 Acq: 14 Sep 2020 18:05

Tgt Ion: 82 Resp: 1069921
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.7 20.5#

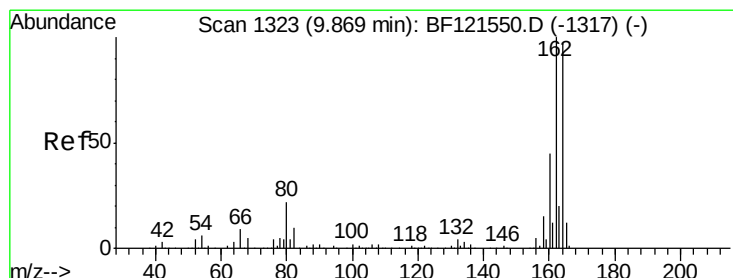
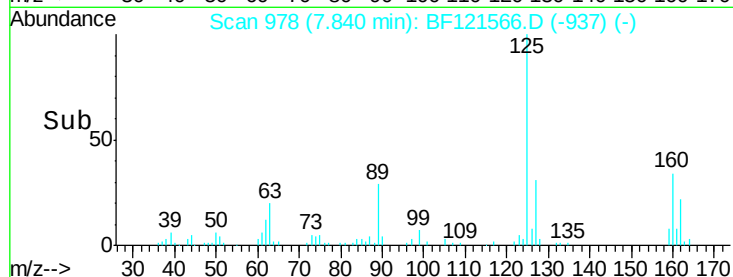
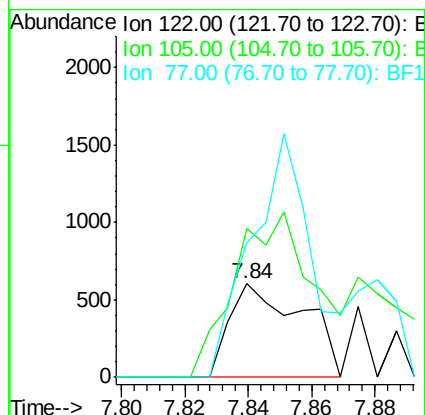
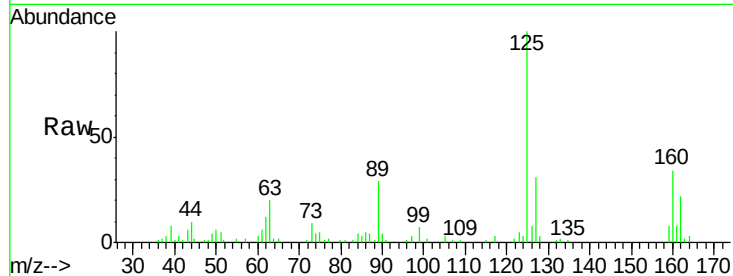




#32
Benzoic acid
Concen: 7.024 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.06 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

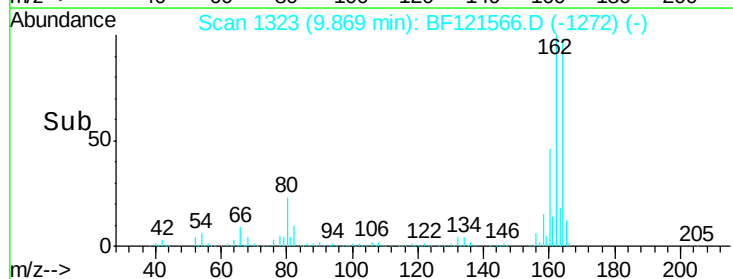
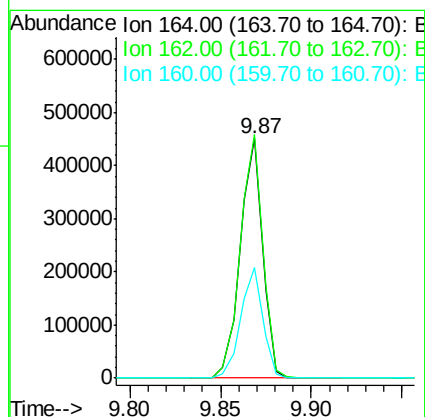
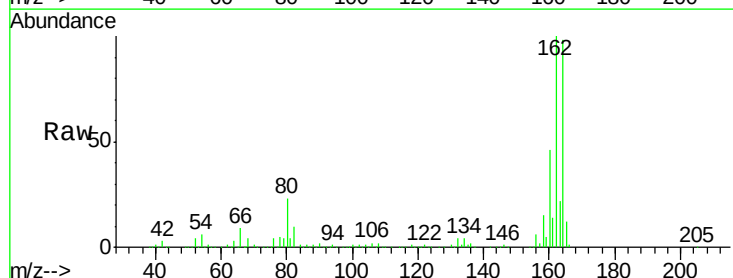
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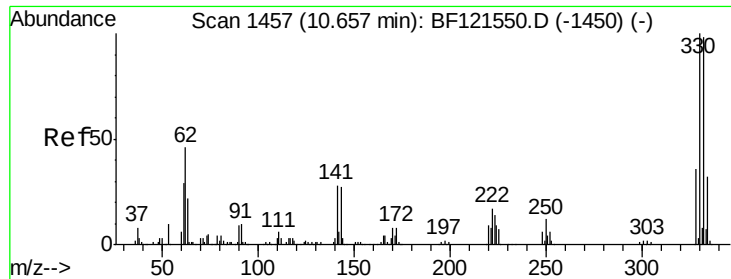
Tot Ion:122 Resp: 959
Ion Ratio Lower Upper
122 100
105 158.8 100.5 140.5#
77 143.5 72.6 112.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

Tgt Ion:164 Resp: 387239
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 46.3 37.0 55.4

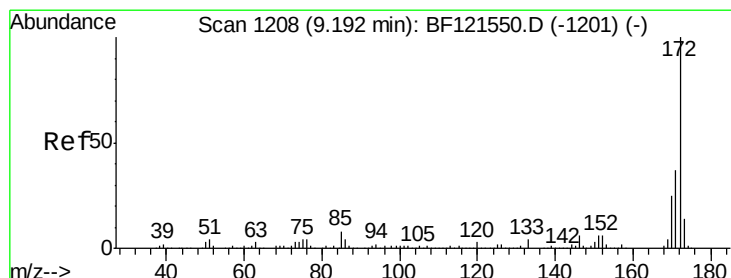
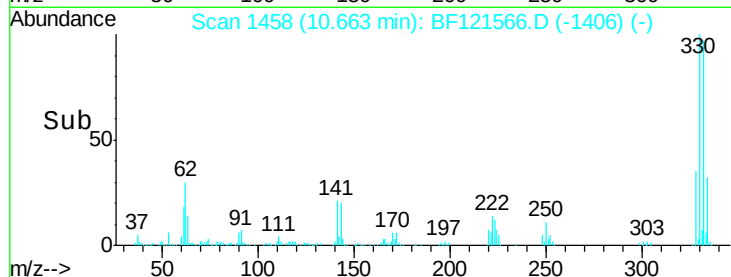
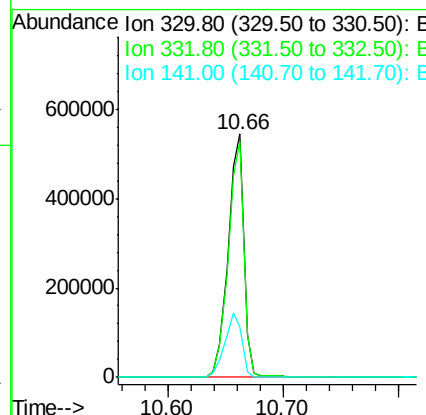
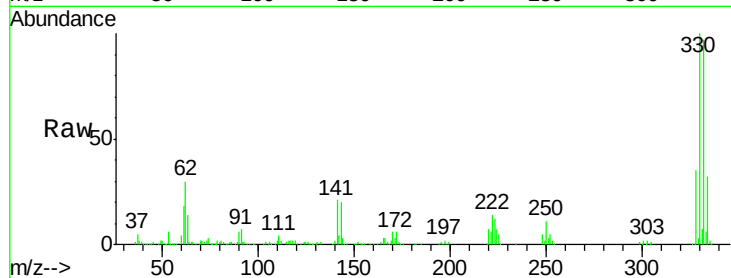




#42
 2,4,6-Tribromophenol
 Concen: 108.113 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF121566.D
 Acq: 14 Sep 2020 18:05

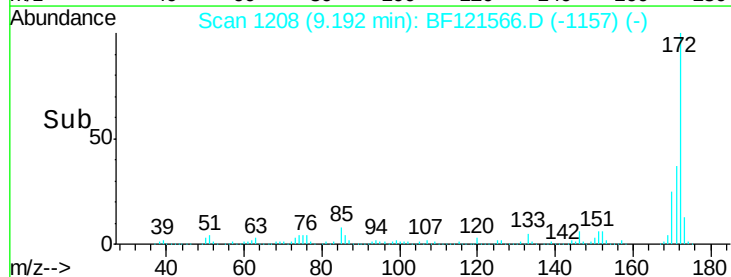
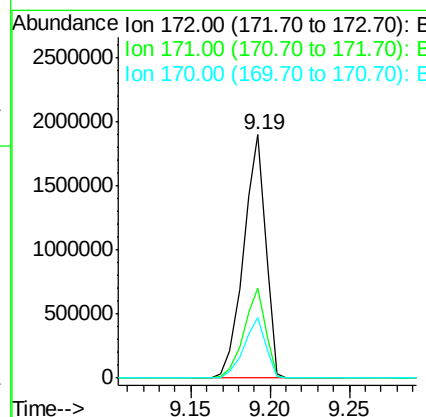
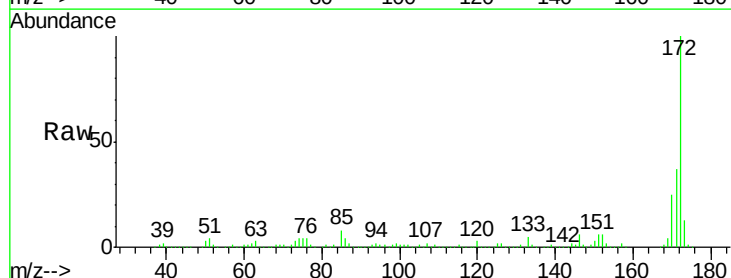
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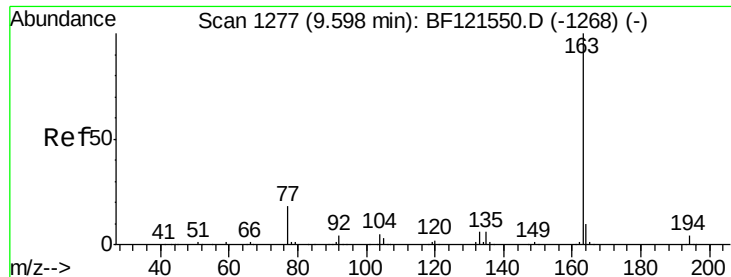
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	28.5	23.6	35.4



#45
 2-Fluorobiphenyl
 Concen: 71.360 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF121566.D
 Acq: 14 Sep 2020 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.0	19.8	29.8

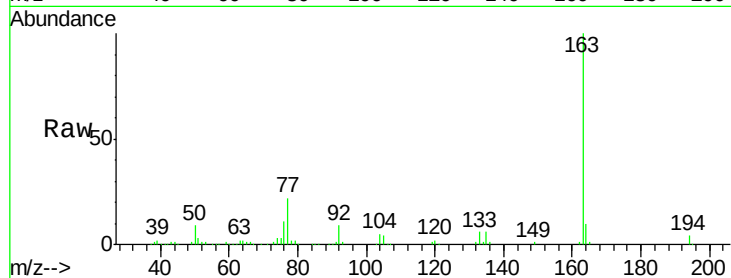




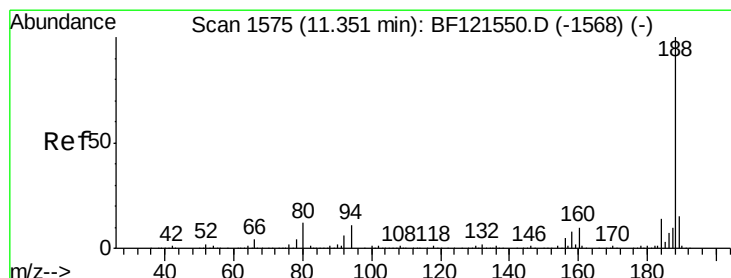
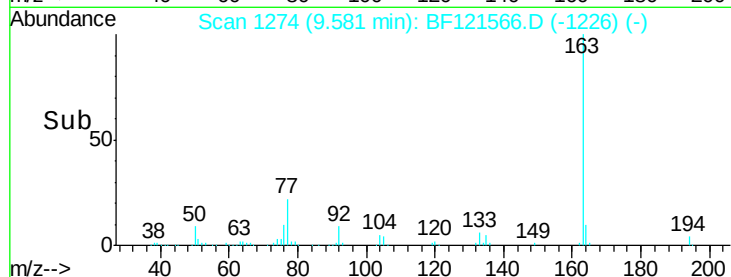
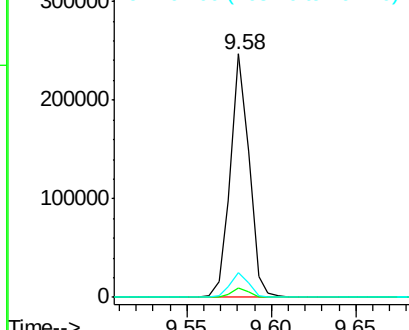
#50
Dimethylphthalate
Concen: 6.804 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

Instrument :
BNA_F
ClientSampleId :
OR-03-091120

Tot Ion:163 Resp: 190973
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.3 7.9 11.9

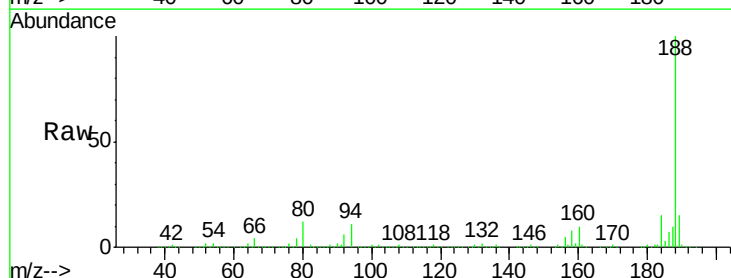


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

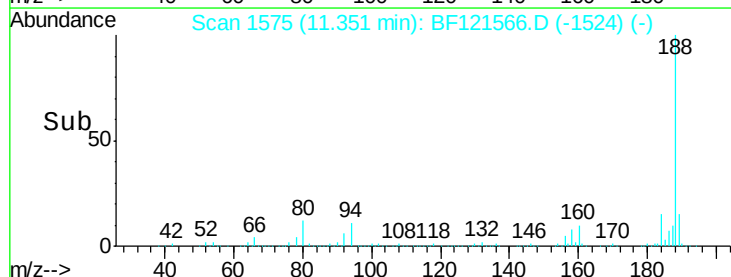
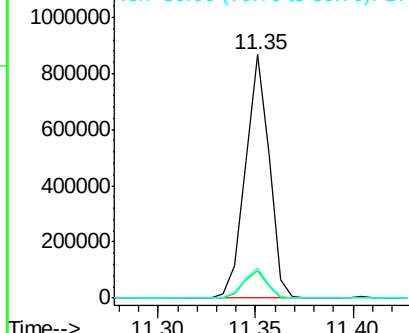


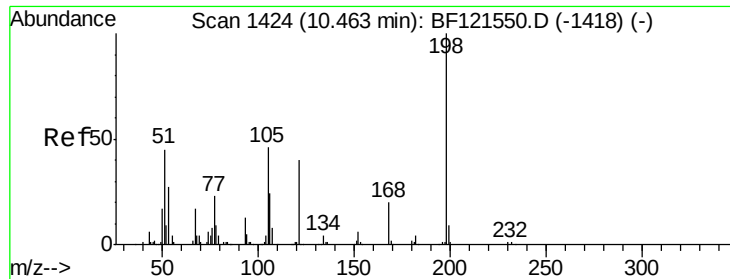
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

Tgt Ion:188 Resp: 735397
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 12.2 9.3 13.9



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

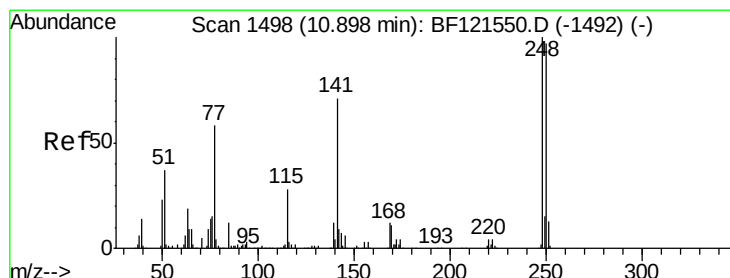
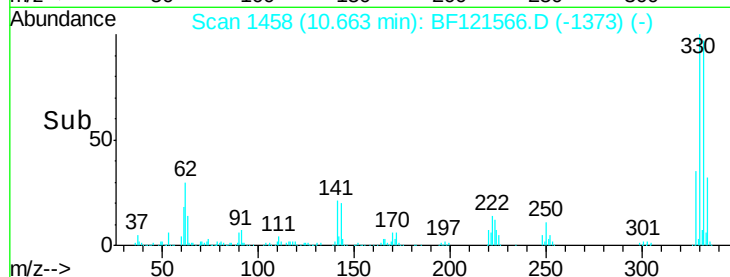
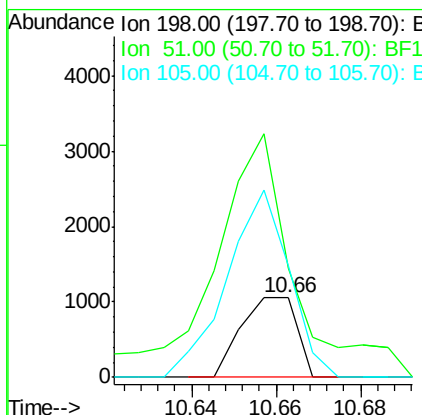
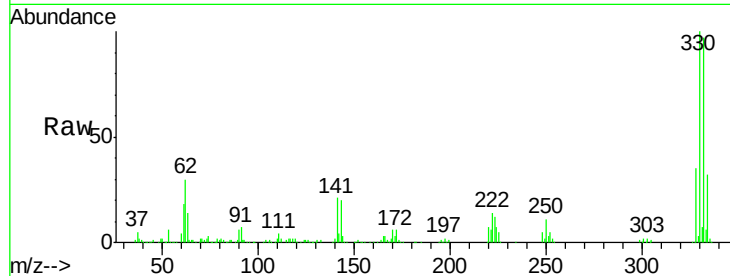




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.035 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.20 min
 Lab File: BF121566.D
 Acq: 14 Sep 2020 18:05

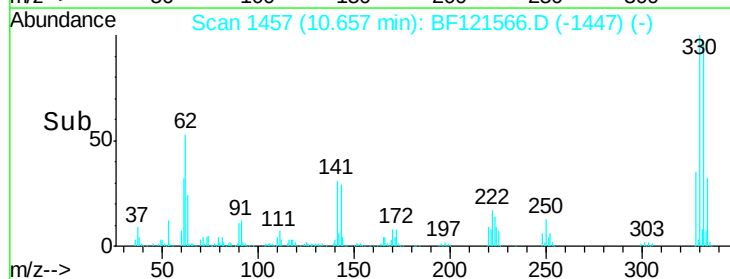
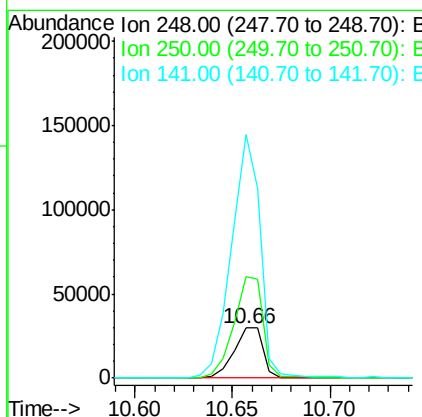
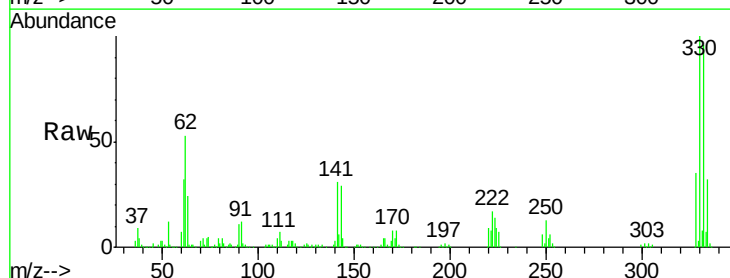
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-091120

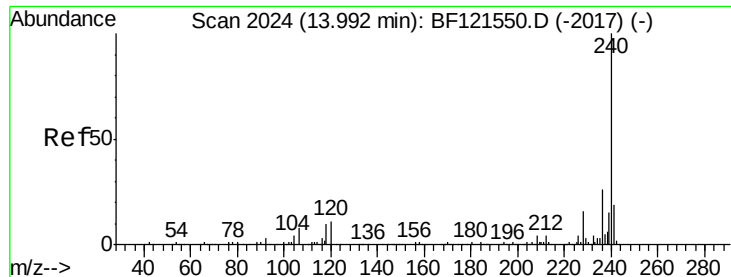
Tot Ion	Ratio	Lower	Upper
198	100		
51	137.2	31.1	71.1#
105	140.2	26.6	66.6#



#67
 4-Bromophenyl-phenylether
 Concen: 3.693 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF121566.D
 Acq: 14 Sep 2020 18:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.0	77.4	116.0#
141	485.2	56.7	85.1#

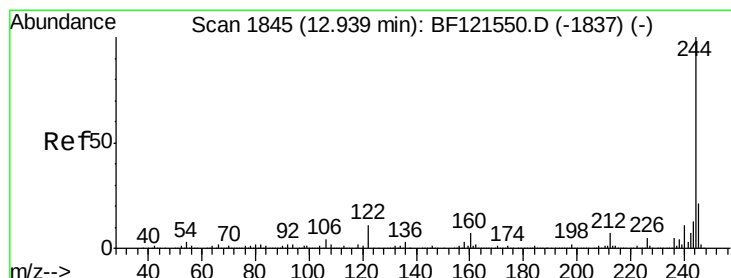
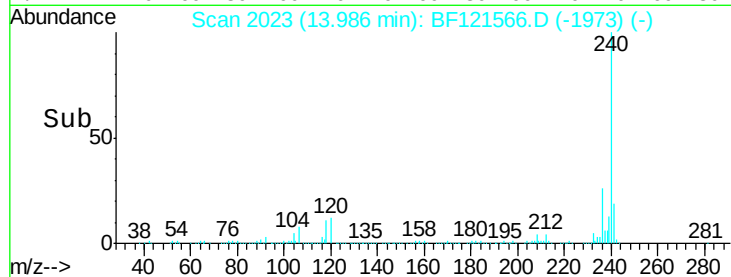
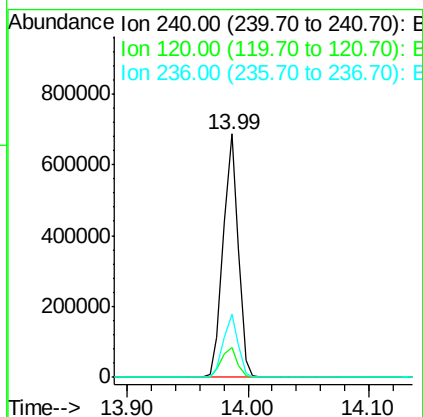
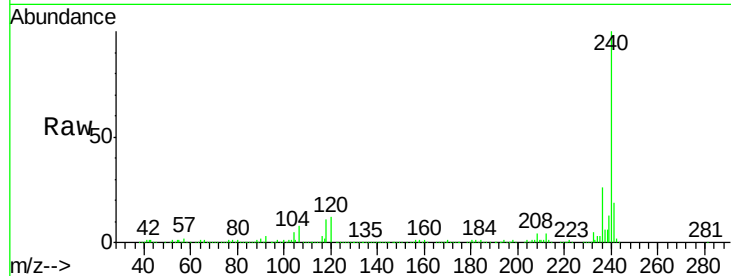




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

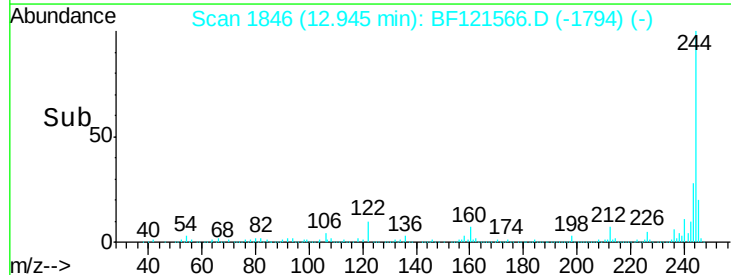
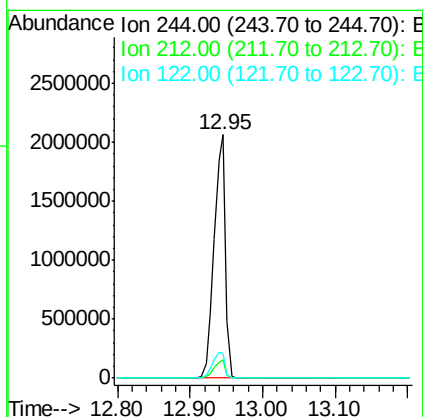
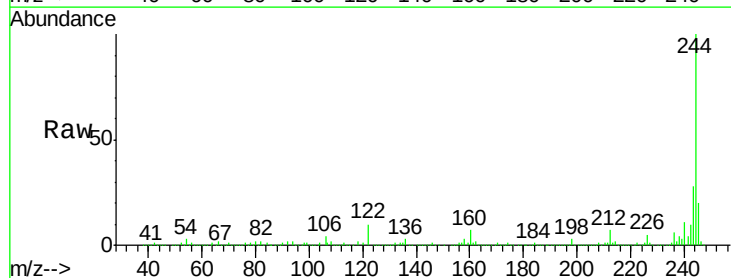
Instrument :
BNA_F
ClientSampleId :
OR-03-091120

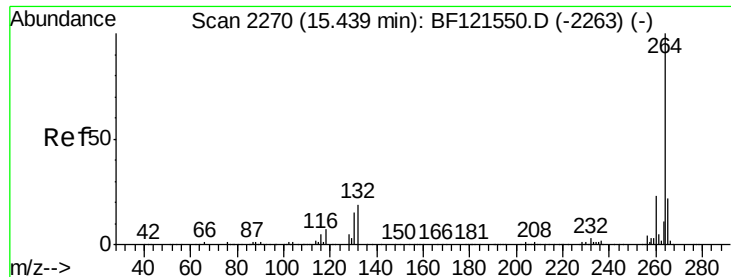
Tot Ion:240 Resp: 590274
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.9 20.5 30.7



#79
Terphenyl-d14
Concen: 76.269 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF121566.D
Acq: 14 Sep 2020 18:05

Tgt Ion:244 Resp: 2222214
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.3 8.7 13.1

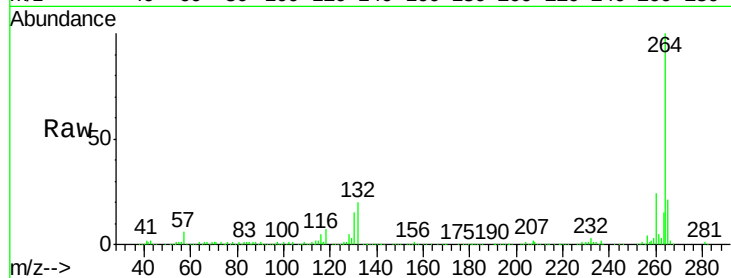




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF121566.D
 Acq: 14 Sep 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-091120

Tot Ion:264 Resp: 456623
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.3 17.8 26.6



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

