

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121710.D
 Acq On : 28 Sep 2020 14:05
 Operator : JU/CG
 Sample : L4136-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B26-092420-10-19

Quant Time: Sep 28 14:45:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

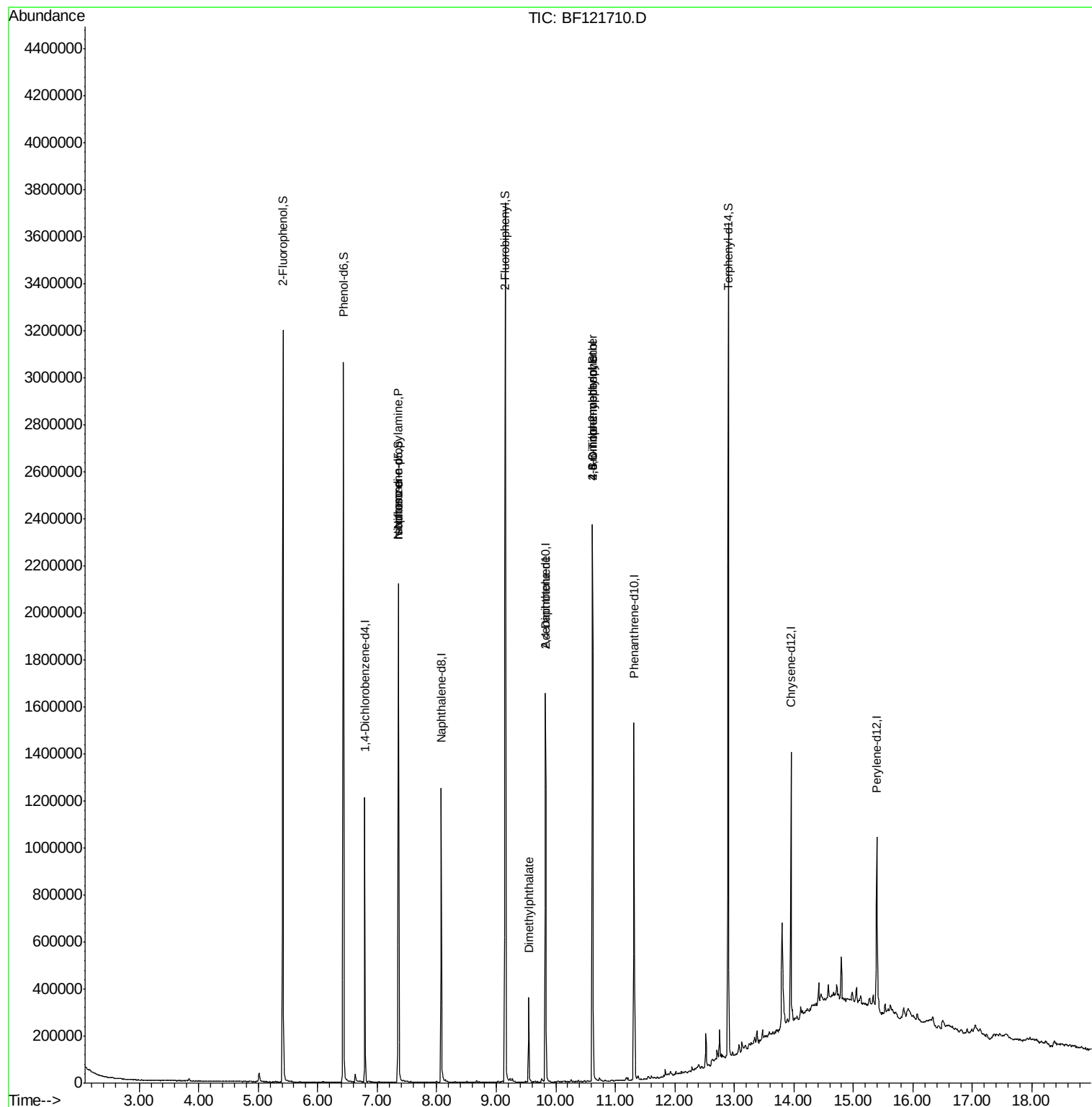
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	155988	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	609096	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	320466	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	582590	20.00	ng	0.00
76) Chrysene-d12	13.95	240	388387	20.00	ng	0.00
86) Perylene-d12	15.40	264	337802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	830862	79.16	ng	0.00
7) Phenol-d6	6.43	99	1063905	77.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	730352	64.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	310055	77.85	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1203306	56.87	ng	0.00
79) Terphenyl-d14	12.90	244	1150591	60.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	98569	12.420	ng	# 80
25) Isophorone	7.36	82	707247	30.970	ng	# 65
50) Dimethylphthalate	9.55	163	138100	5.946	ng	99
57) 2,4-Dinitrotoluene	9.83	165	40183	6.457	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.62	198	506	6.973	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	18171	2.739	ng	# 1

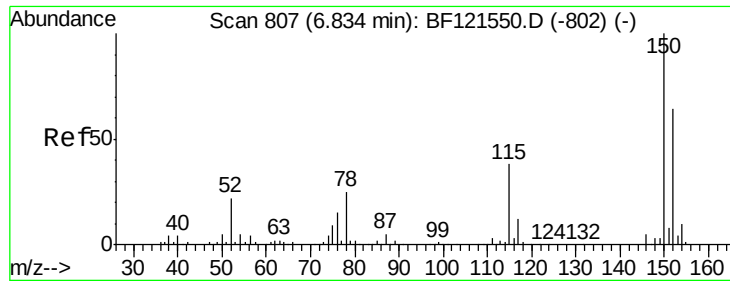
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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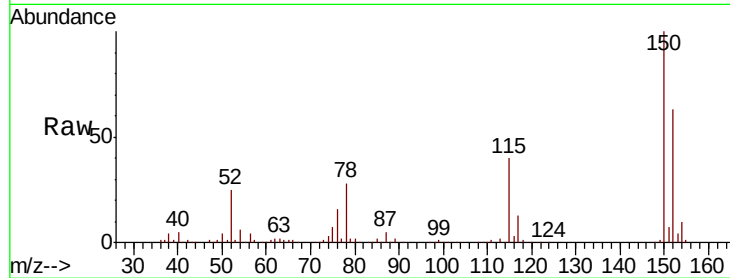


#1

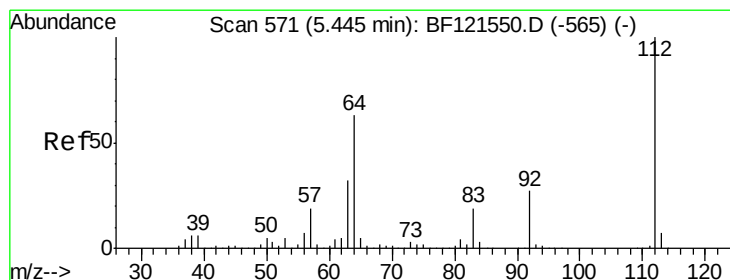
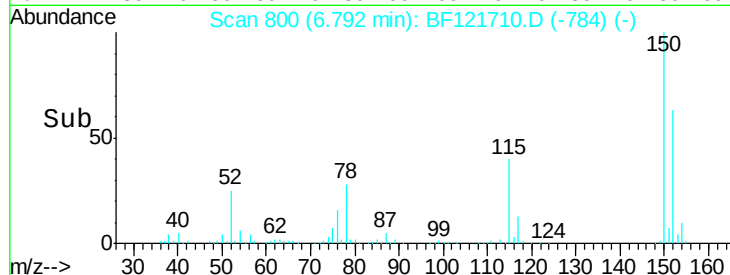
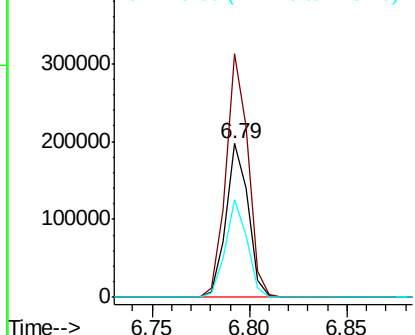
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121710.D
Acq: 28 Sep 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PAV-B26-092420-10-19

Tot Ion:152 Resp: 155988
Ion Ratio Lower Upper
152 100
150 158.1 122.6 184.0
115 63.8 47.1 70.7



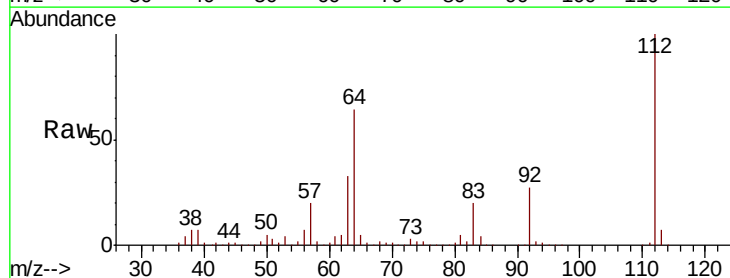
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



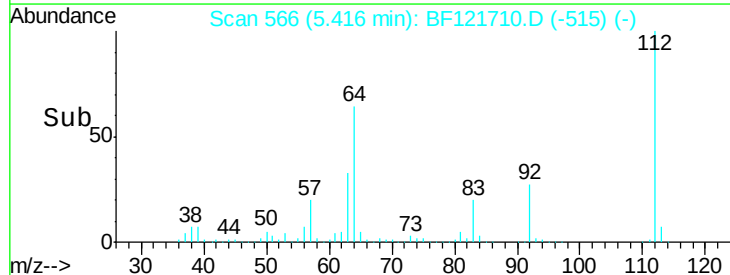
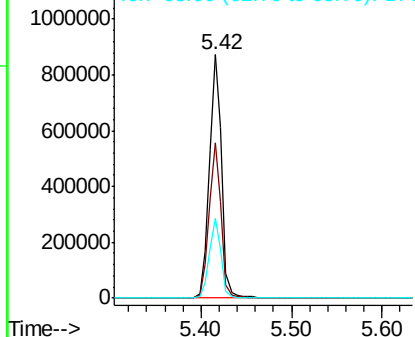
#5

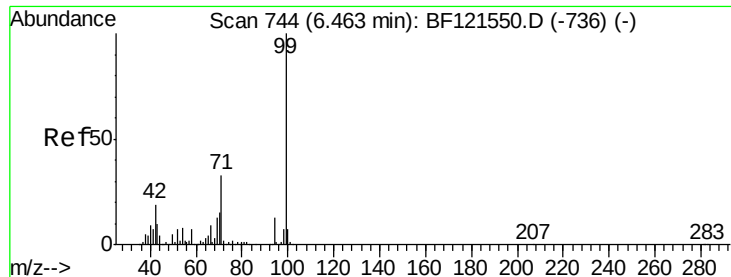
2-Fluorophenol
Concen: 79.158 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121710.D
Acq: 28 Sep 2020 14:05

Tgt Ion:112 Resp: 830862
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 32.6 25.4 38.0



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: 77.260 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121710.D

Acq: 28 Sep 2020 14:05

Instrument :

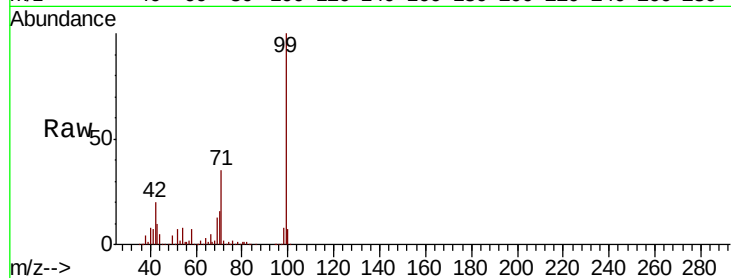
BNA_F

ClientSampleId :

PAV-B26-092420-10-19

Tot Ion: 99 Resp: 1063905

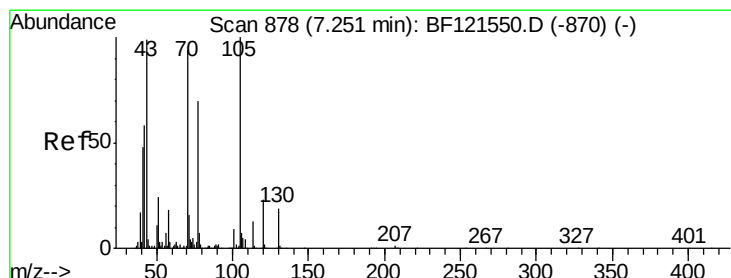
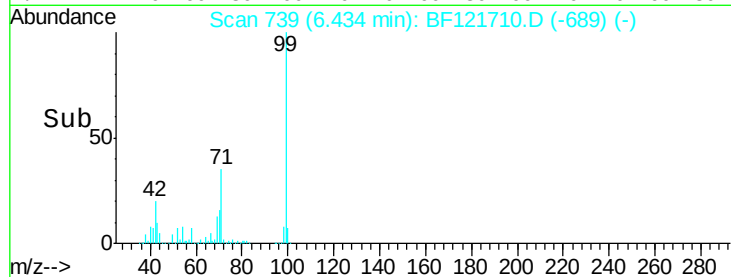
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.1	24.1
71	34.5	27.6	41.4



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: 12.420 ng

RT: 7.36 min Scan# 896

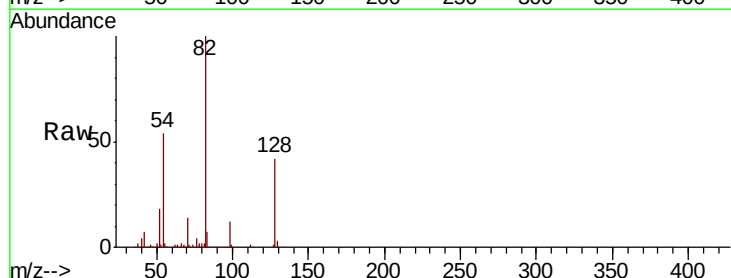
Delta R.T. 0.14 min

Lab File: BF121710.D

Acq: 28 Sep 2020 14:05

Tgt Ion: 70 Resp: 98569

Ion	Ratio	Lower	Upper
70	100		
42	49.5	45.8	68.6
101	0.0	7.6	11.4#
130	1.9	17.8	26.8#

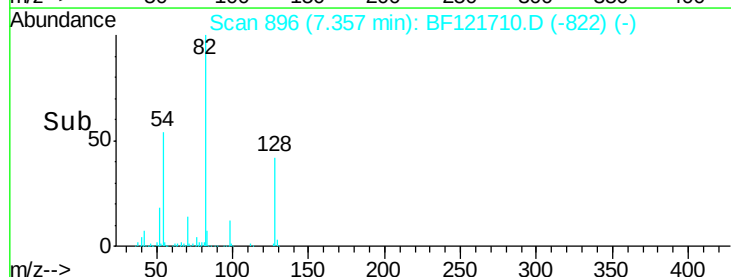


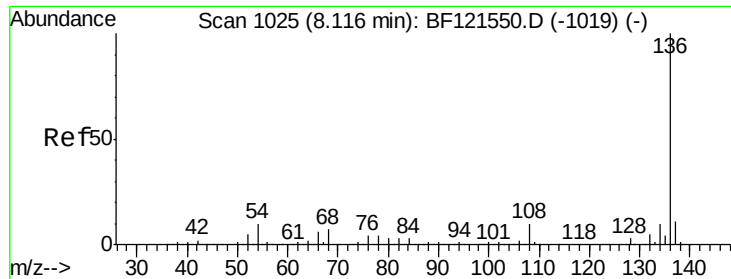
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

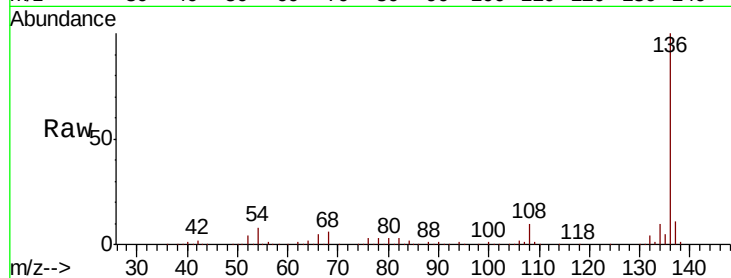




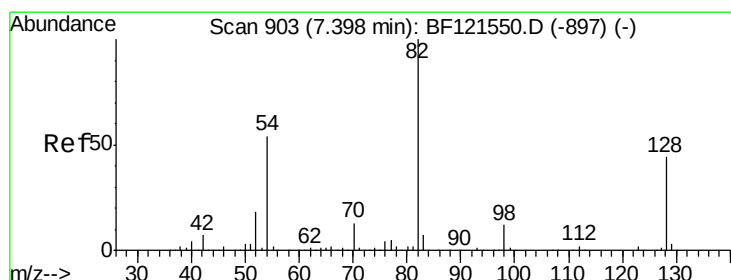
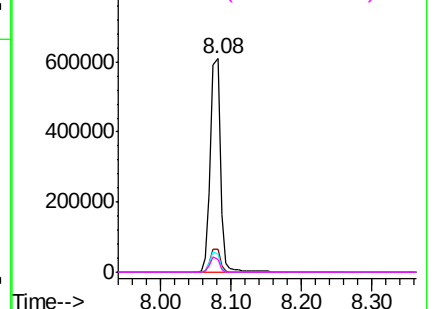
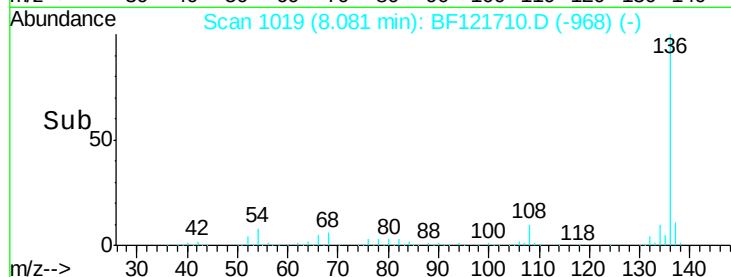
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF121710.D
Acq: 28 Sep 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PAV-B26-092420-10-19

Tot Ion:136	Resp:	609096
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	8.5	7.5 11.3
68	6.2	5.5 8.3

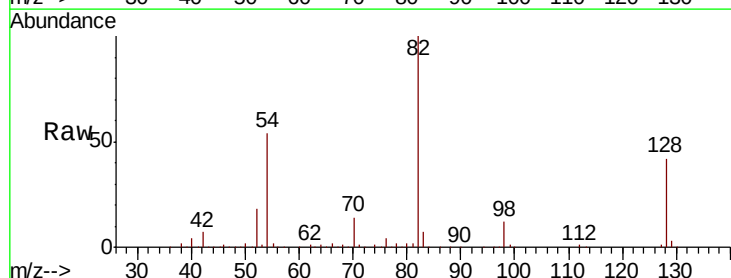


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

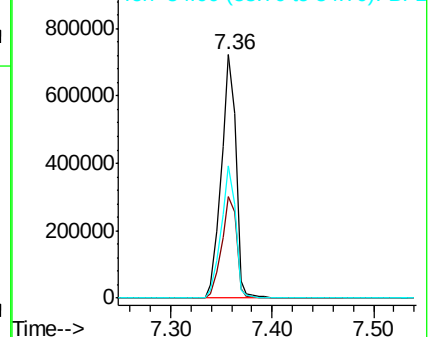
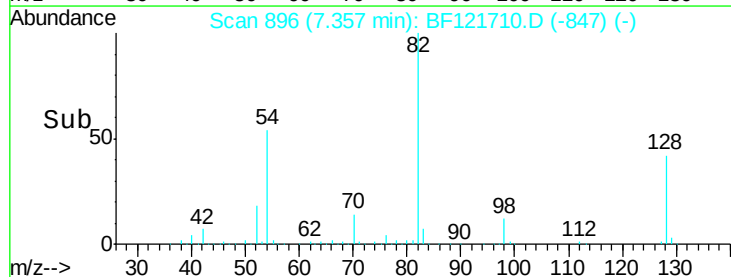


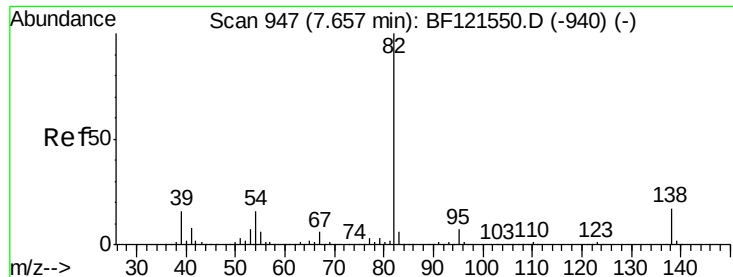
#23
Nitrobenzene-d5
Concen: 64.381 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121710.D
Acq: 28 Sep 2020 14:05

Tgt Ion: 82	Resp:	730352
Ion	Ratio	Lower Upper
82	100	
128	41.7	35.8 53.6
54	54.3	42.6 63.8



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





#25

Isophorone

Concen: 30.970 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF121710.D

Acq: 28 Sep 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PAV-B26-092420-10-19

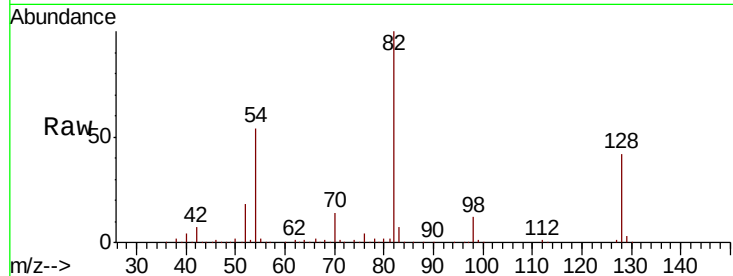
Tot Ion: 82 Resp: 707247

Ion Ratio Lower Upper

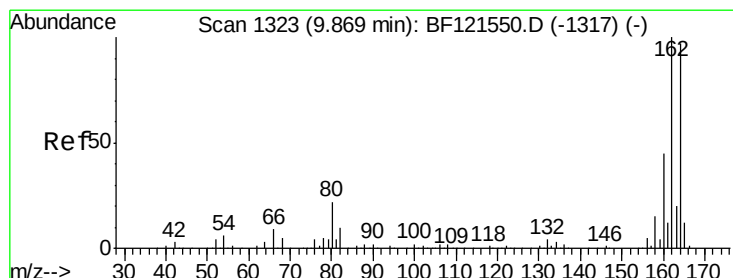
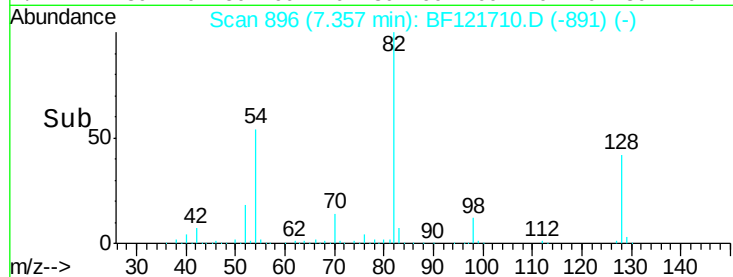
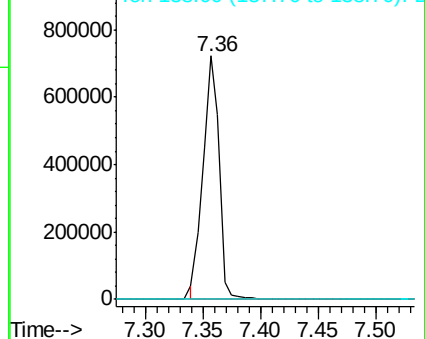
82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF121710.D

Acq: 28 Sep 2020 14:05

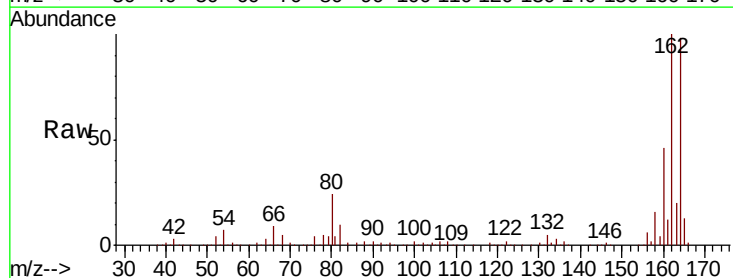
Tgt Ion: 164 Resp: 320466

Ion Ratio Lower Upper

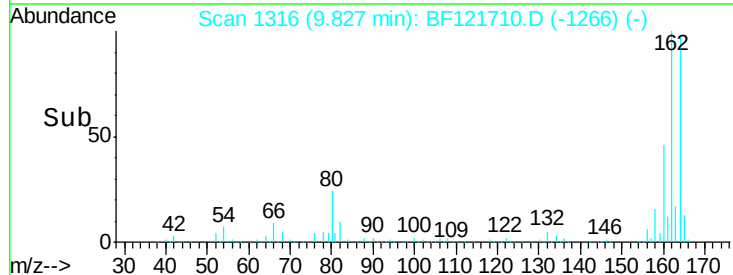
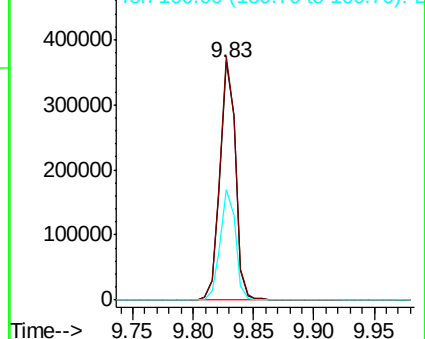
164 100

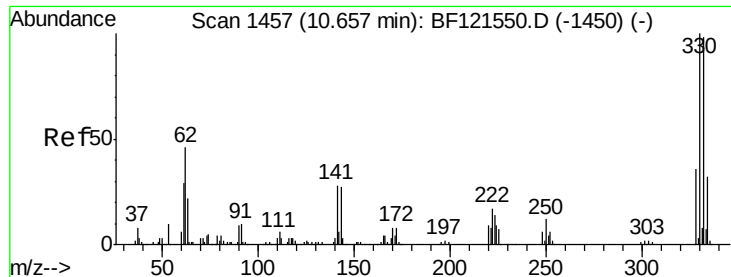
162 102.3 82.1 123.1

160 46.7 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

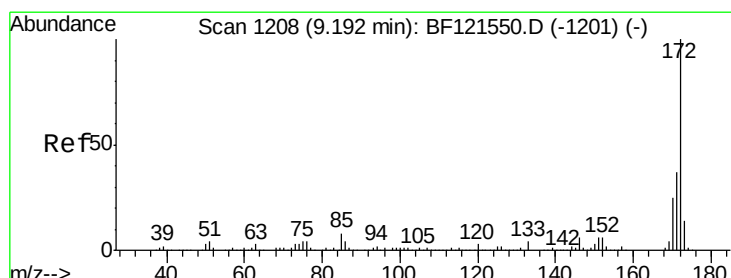
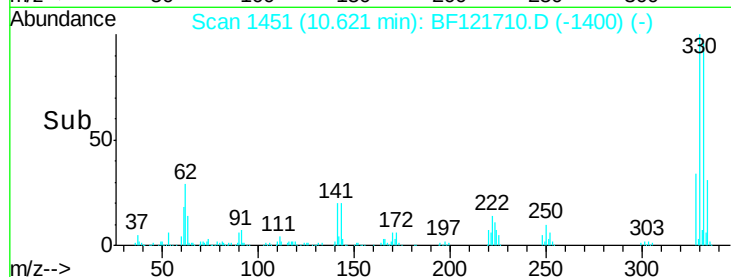
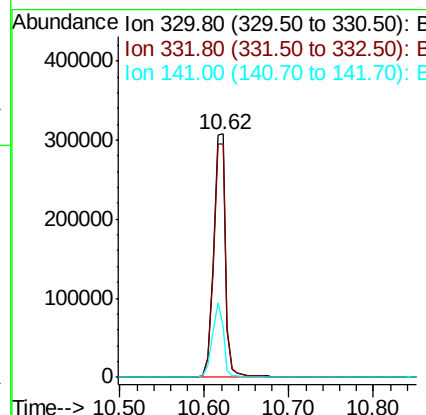
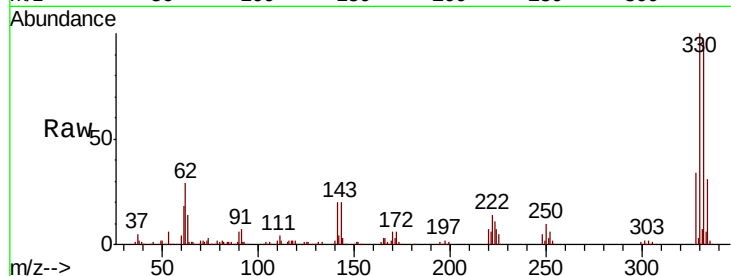




#42
 2,4,6-Tribromophenol
 Concen: 77.845 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF121710.D
 Acq: 28 Sep 2020 14:05

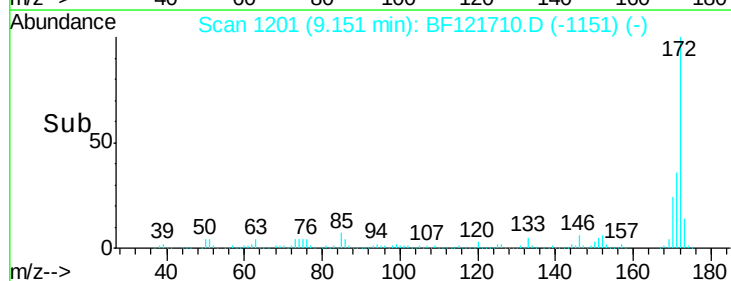
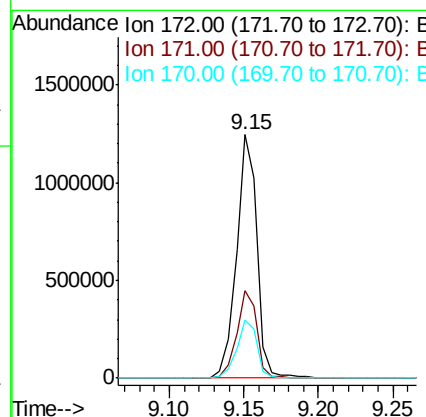
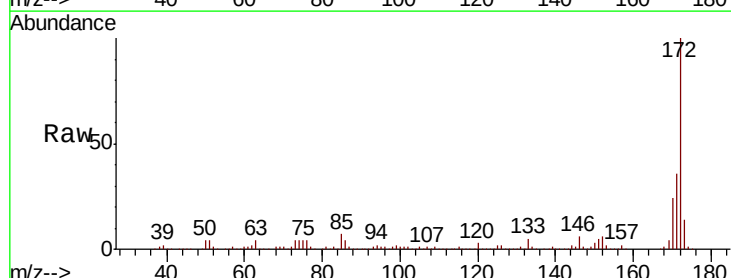
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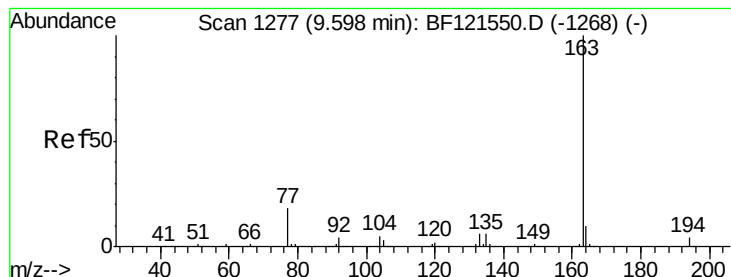
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	28.4	22.2	33.4



#45
 2-Fluorobiphenyl
 Concen: 56.869 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121710.D
 Acq: 28 Sep 2020 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.9	19.5	29.3





#50

Dimethylphthalate

Concen: 5.946 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF121710.D

Acq: 28 Sep 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PAV-B26-092420-10-19

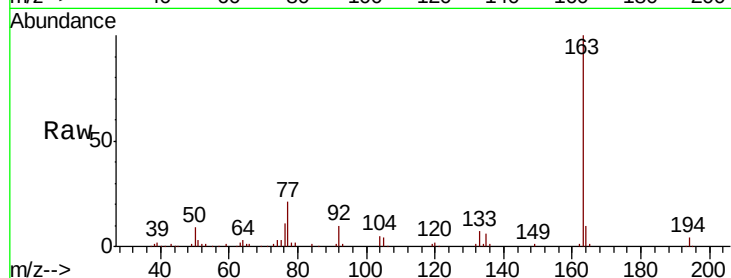
Tot Ion:163 Resp: 138100

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

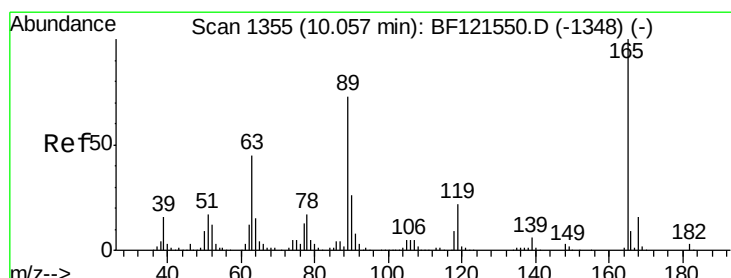
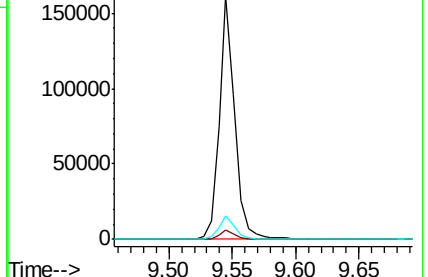
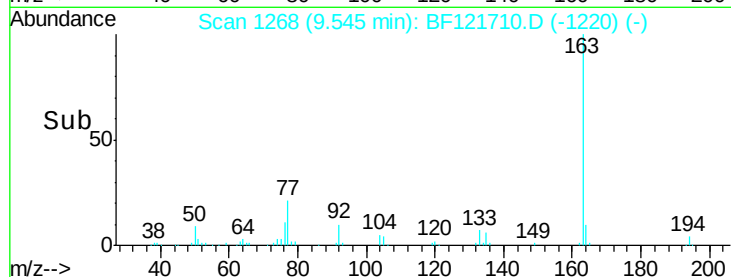
164 9.7 8.2 12.2



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: 6.457 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.20 min

Lab File: BF121710.D

Acq: 28 Sep 2020 14:05

Tgt Ion:165 Resp: 40183

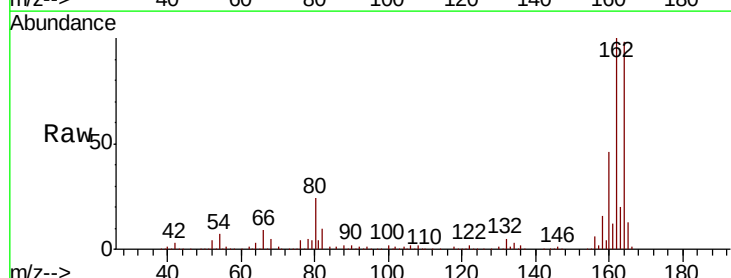
Ion Ratio Lower Upper

165 100

63 1.7 36.6 55.0#

89 1.7 57.6 86.4#

182 0.0 2.3 3.5#

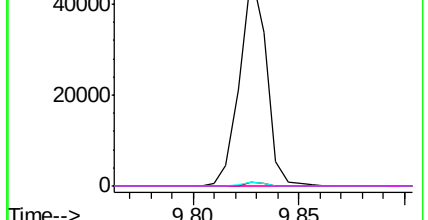
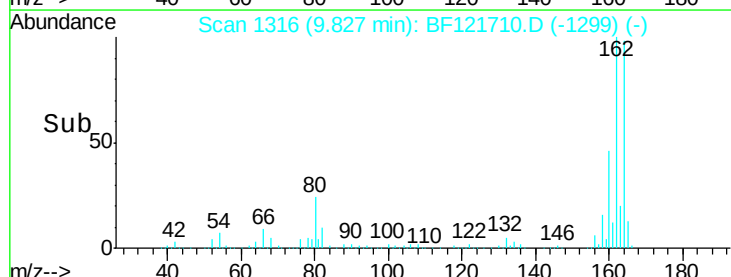


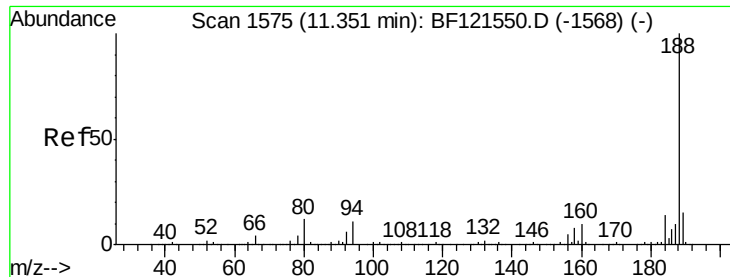
Abundance Ion 165.00 (164.70 to 165.70): E

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

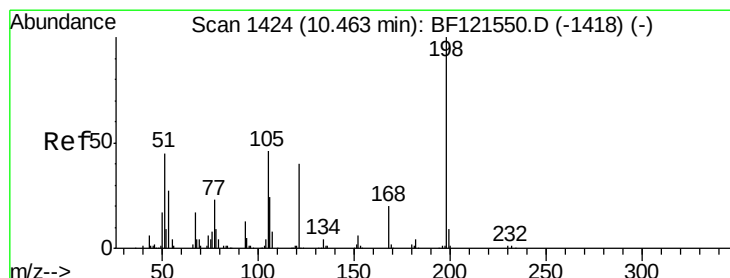
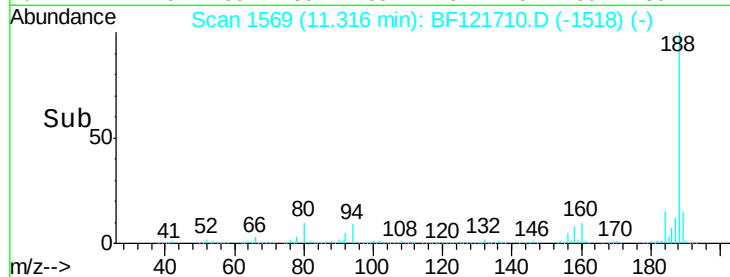
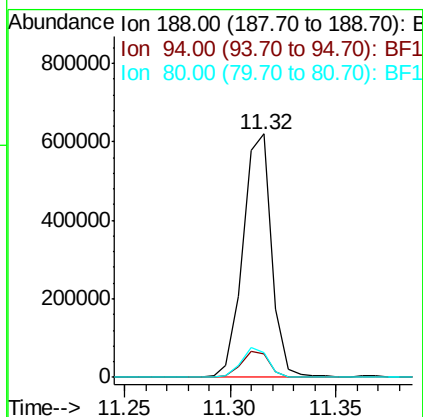
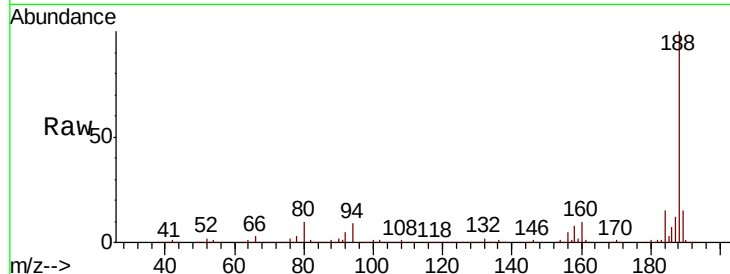




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF121710.D
 Acq: 28 Sep 2020 14:05

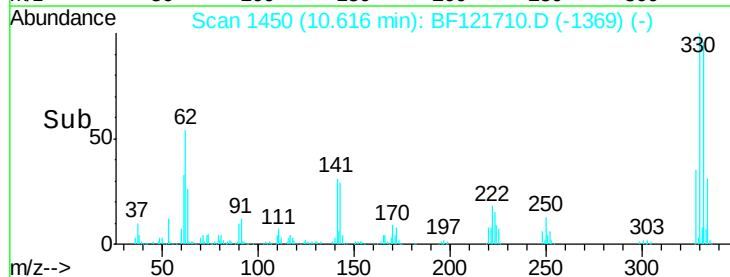
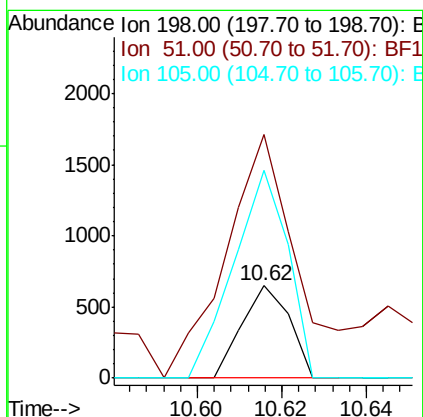
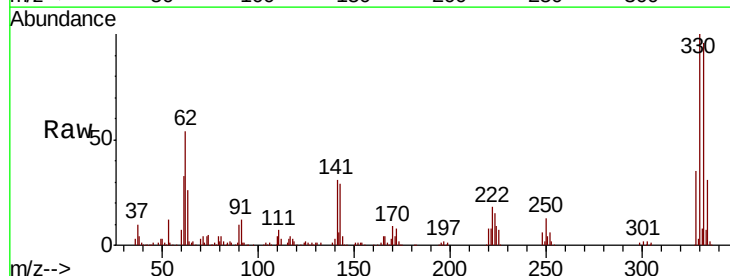
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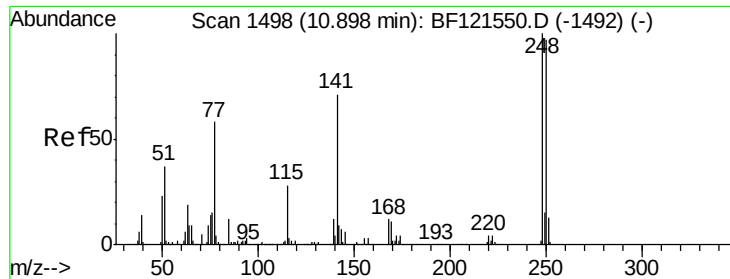
Tot Ion:188 Resp: 582590
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.4 12.6
 80 10.1 9.3 13.9



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.973 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.18 min
 Lab File: BF121710.D
 Acq: 28 Sep 2020 14:05

Tgt Ion:198 Resp: 506
 Ion Ratio Lower Upper
 198 100
 51 263.6 18.8 58.8#
 105 224.8 18.5 58.5#

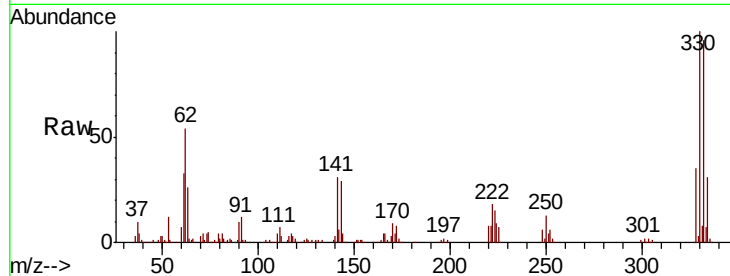




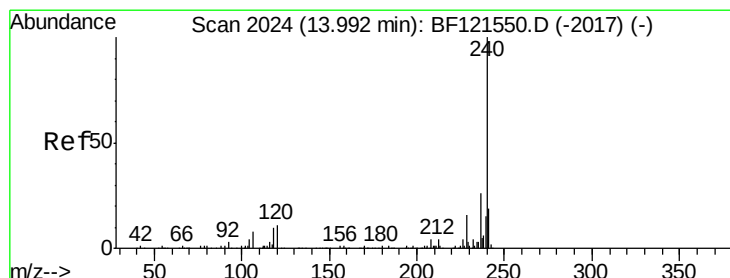
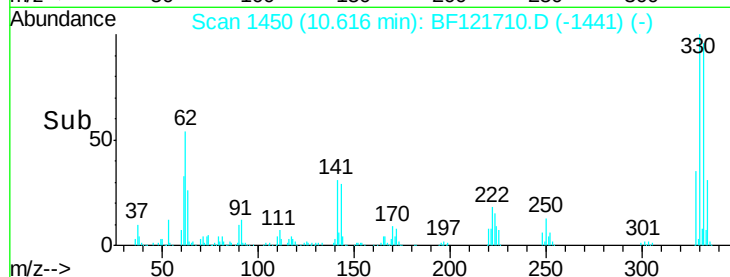
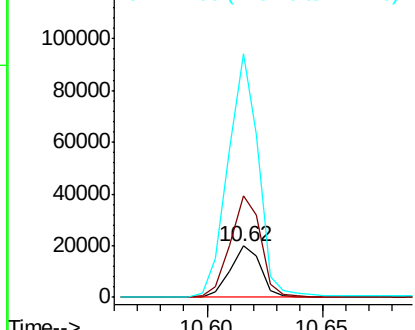
#67
4-Bromophenyl-phenylether
Concen: 2.739 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF121710.D
Acq: 28 Sep 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PAV-B26-092420-10-19

Tot Ion:248 Resp: 18171
Ion Ratio Lower Upper
248 100
250 199.1 76.8 115.2#
141 474.7 55.7 83.5#

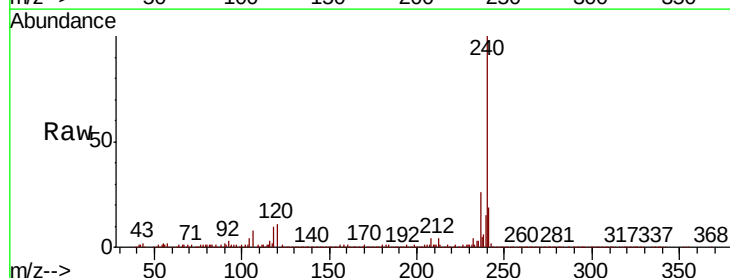


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

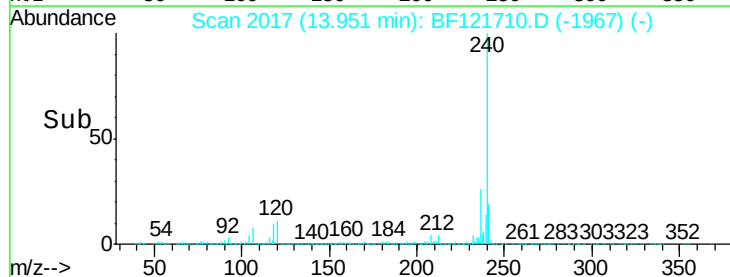
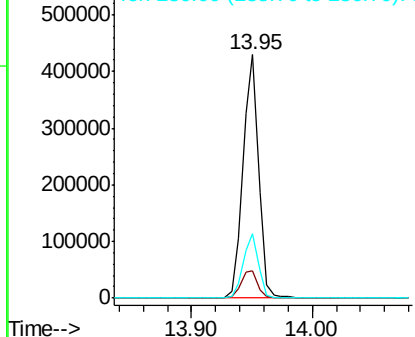


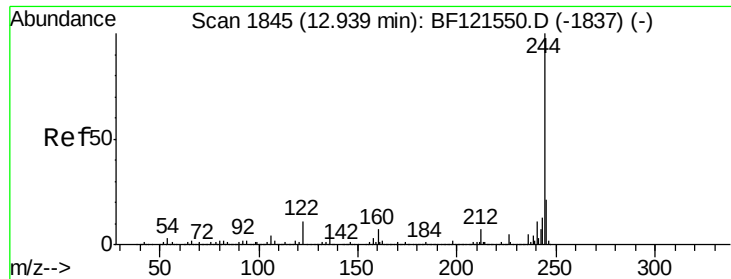
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121710.D
Acq: 28 Sep 2020 14:05

Tgt Ion:240 Resp: 388387
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 26.2 20.6 30.8



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: 60.017 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF121710.D

Acq: 28 Sep 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PAV-B26-092420-10-19

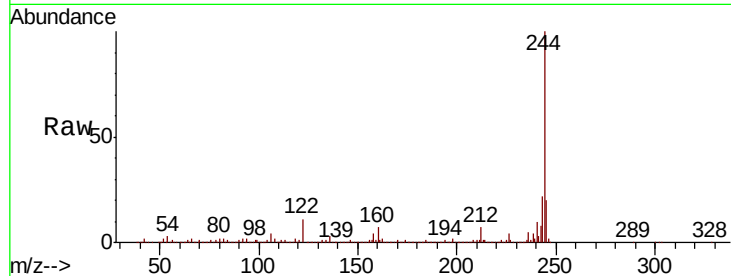
Tot Ion:244 Resp: 1150591

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

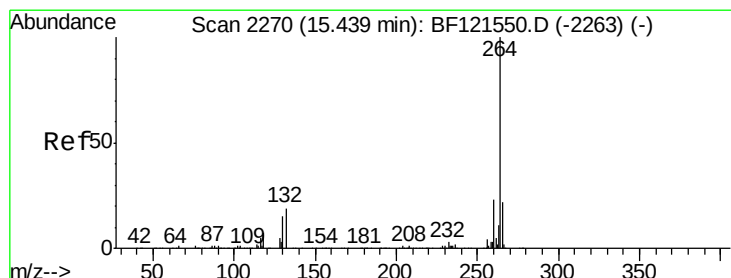
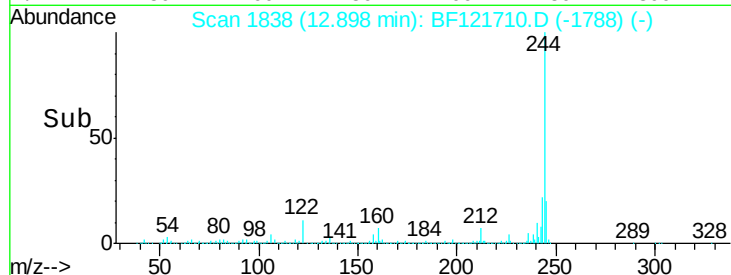
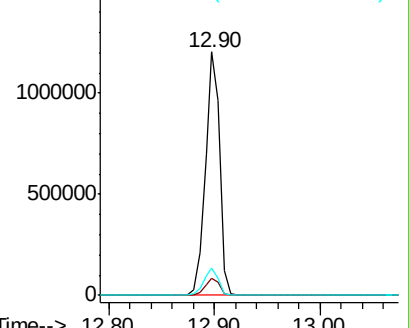
122 11.5 8.0 12.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF121710.D

Acq: 28 Sep 2020 14:05

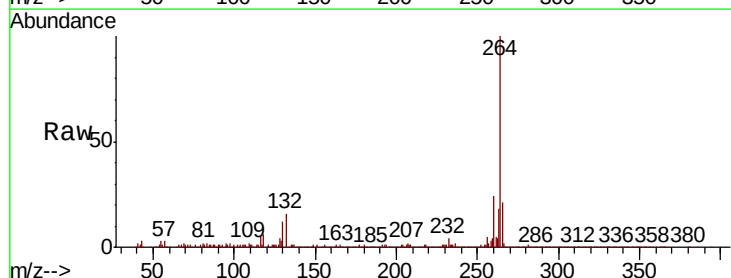
Tgt Ion:264 Resp: 337802

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.4 17.2 25.8



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

