

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121244.D
 Acq On : 11 Aug 2020 17:17
 Operator : JU/CG
 Sample : L3506-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080720

Quant Time: Aug 11 18:47:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

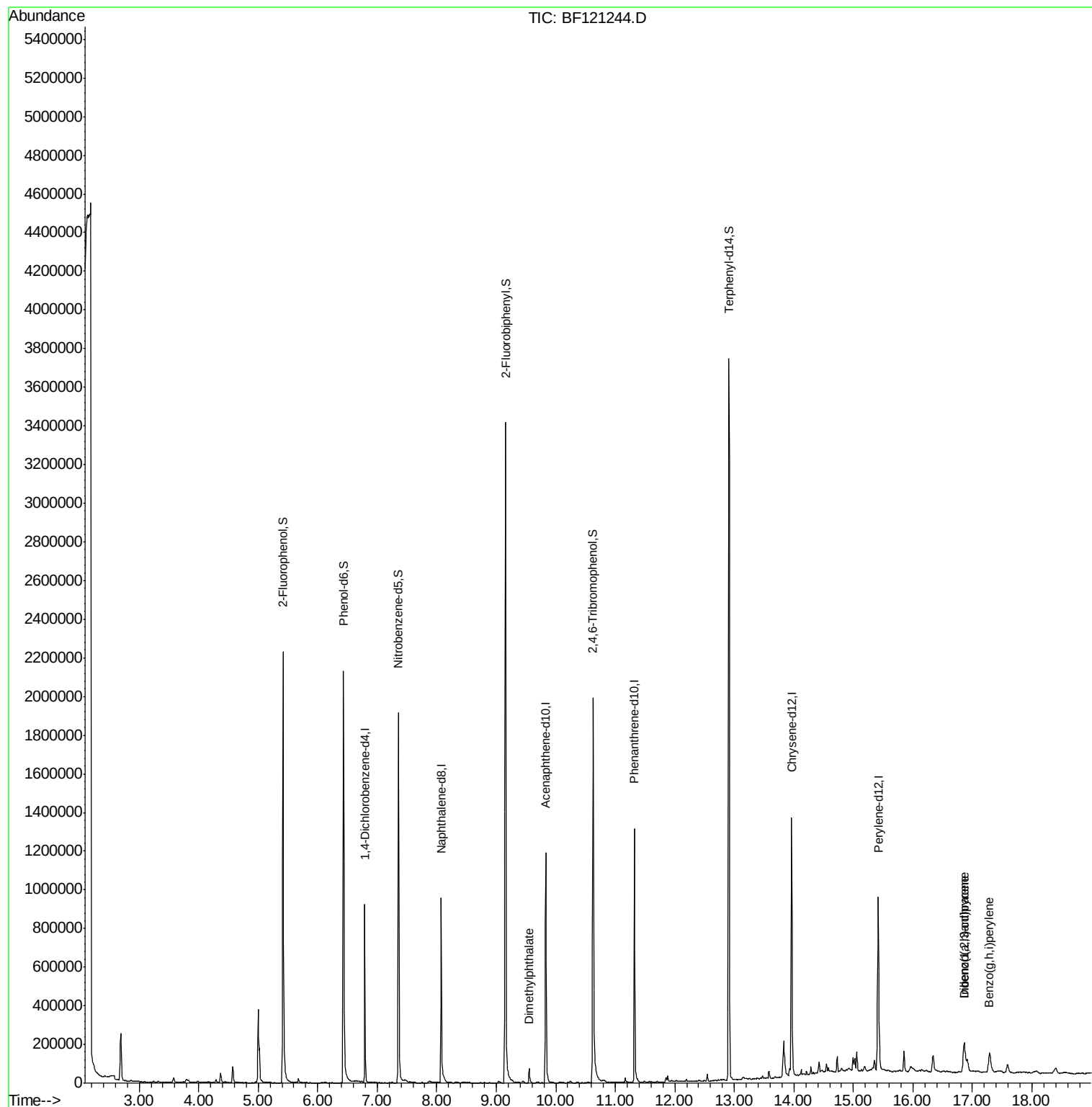
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	131866	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	516734	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	271734	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	549862	20.00	ng	0.00
76) Chrysene-d12	13.96	240	502702	20.00	ng	0.00
86) Perylene-d12	15.42	264	464400	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	804085	99.96	ng	0.00
7) Phenol-d6	6.43	99	872128	83.94	ng	-0.01
23) Nitrobenzene-d5	7.36	82	711758	79.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	363048	122.06	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1302288	71.55	ng	0.00
79) Terphenyl-d14	12.91	244	1473953	63.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	43588	2.223	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	113503	3.514	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	87396	3.313	ng	98
92) Benzo(g,h,i)perylene	17.29	276	117657	4.523	ng	100

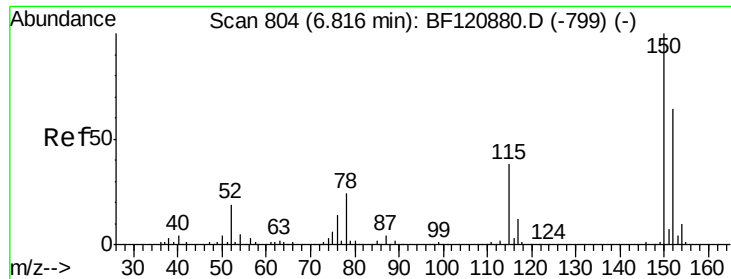
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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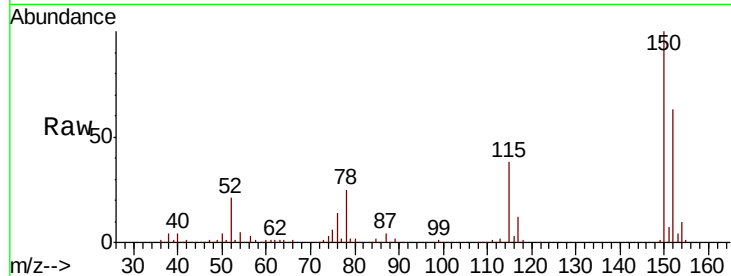


#1

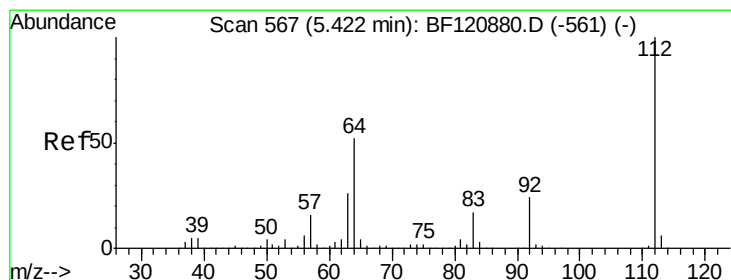
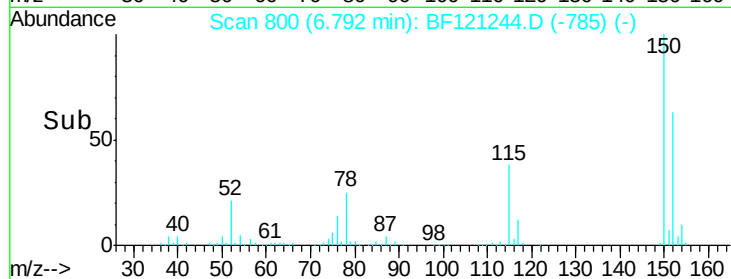
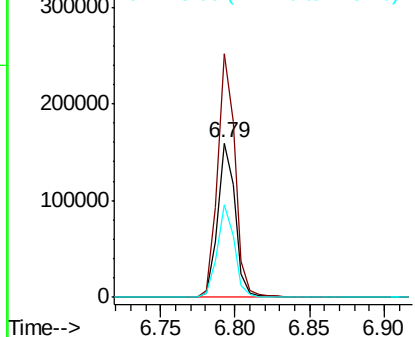
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121244.D
 Acq: 11 Aug 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080720

Tot Ion:152 Resp: 131866
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.6 188.4
 115 59.6 46.2 69.2



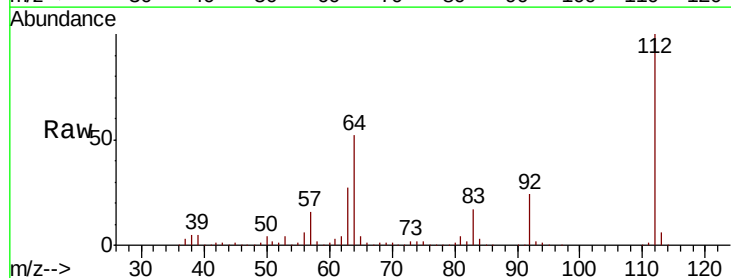
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



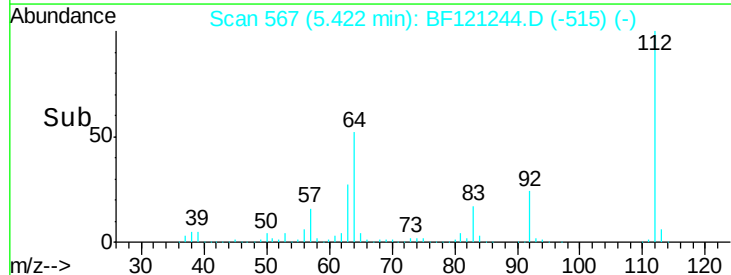
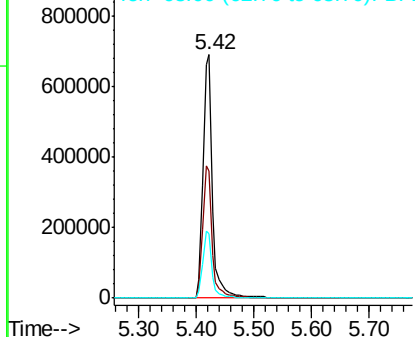
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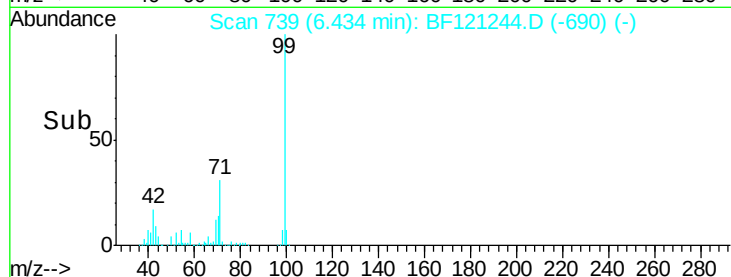
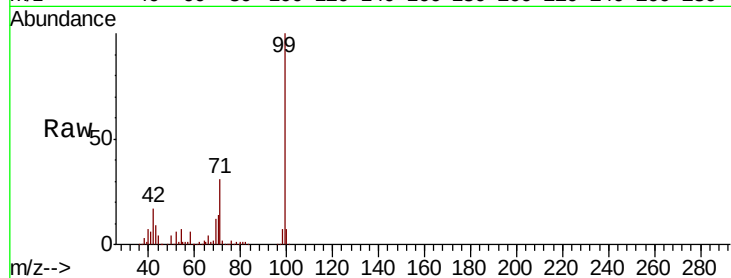
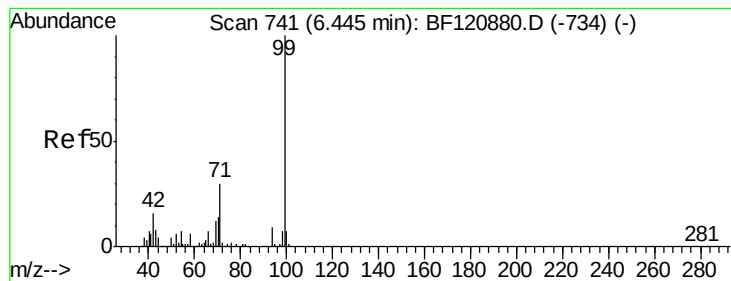
2-Fluorophenol
 Concen: 99.964 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF121244.D
 Acq: 11 Aug 2020 17:17

Tgt Ion:112 Resp: 804085
 Ion Ratio Lower Upper
 112 100
 64 52.0 43.9 65.9
 63 26.7 22.7 34.1



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: 83.935 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121244.D

Acq: 11 Aug 2020 17:17

Instrument :

BNA_F

ClientSampleId :

OR-02-080720

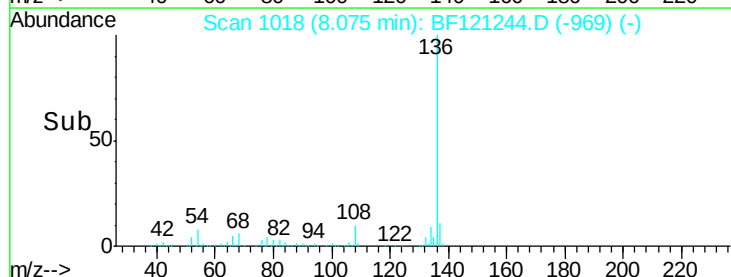
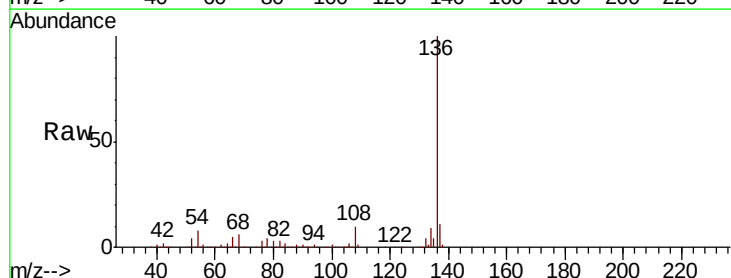
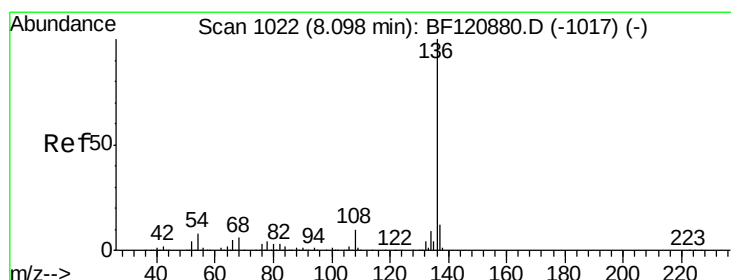
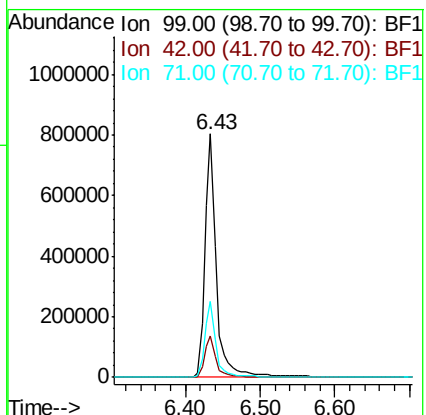
Tot Ion: 99 Resp: 872128

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 31.2 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121244.D

Acq: 11 Aug 2020 17:17

Tgt Ion: 136 Resp: 516734

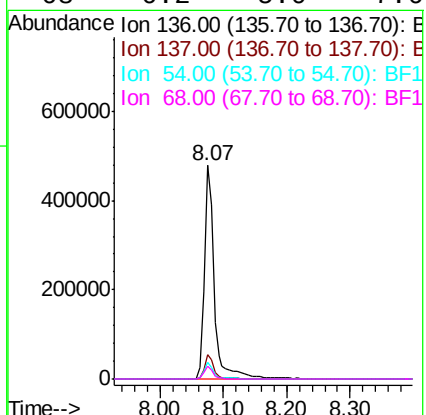
Ion Ratio Lower Upper

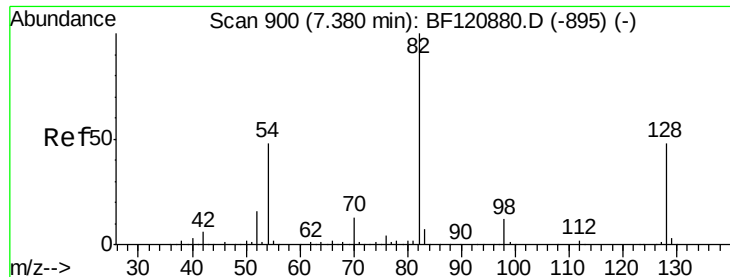
136 100

137 11.1 9.0 13.4

54 7.8 6.1 9.1

68 6.2 5.0 7.6

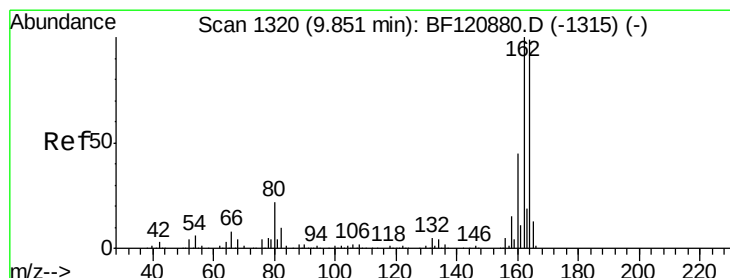
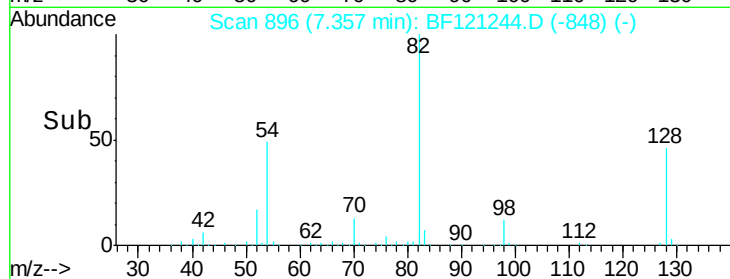
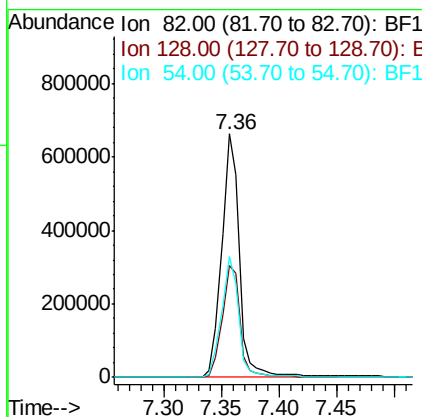
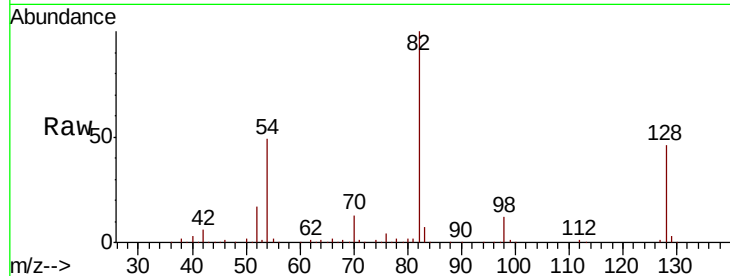




#23
 Nitrobenzene-d5
 Concen: 79.702 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121244.D
 Acq: 11 Aug 2020 17:17

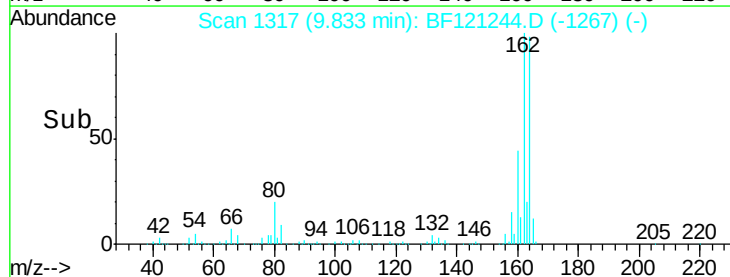
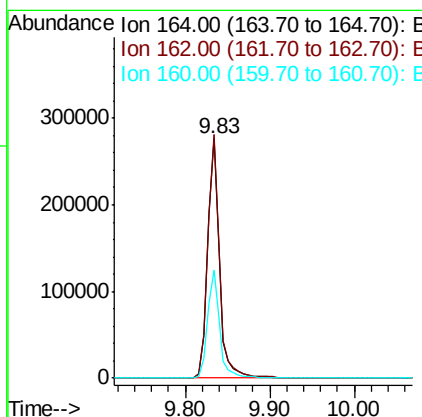
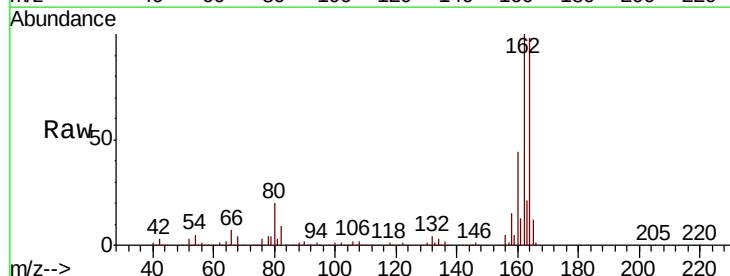
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080720

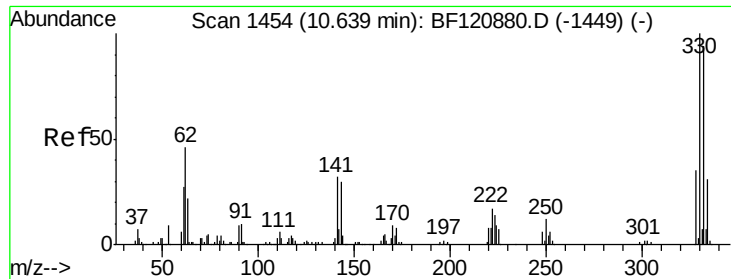
Tot Ion	82	Resp	711758
Ion Ratio	Lower	Upper	
82	100		
128	45.7	39.2	58.8
54	49.5	37.8	56.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121244.D
 Acq: 11 Aug 2020 17:17

Tgt Ion	164	Resp	271734
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.2	123.2
160	45.1	37.2	55.8

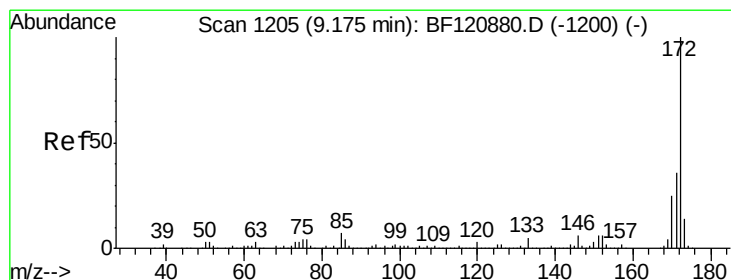
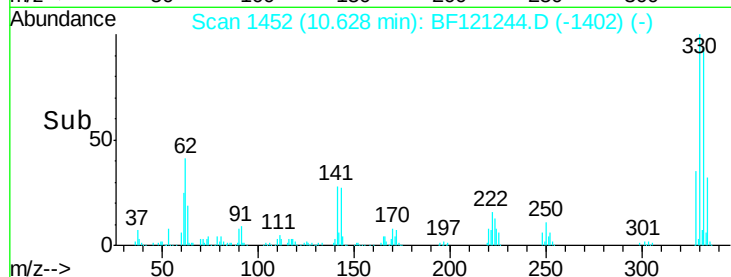
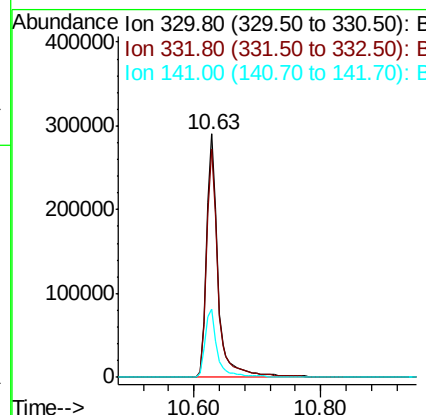
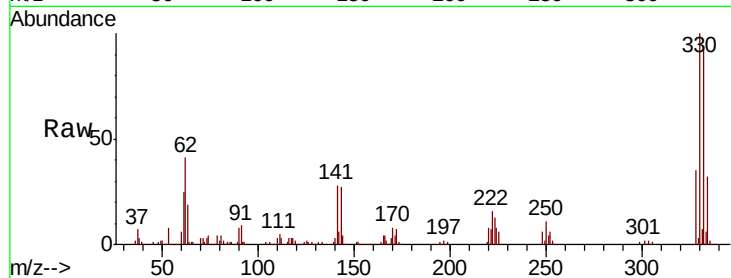




#42
 2,4,6-Tribromophenol
 Concen: 122.058 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121244.D
 Acq: 11 Aug 2020 17:17

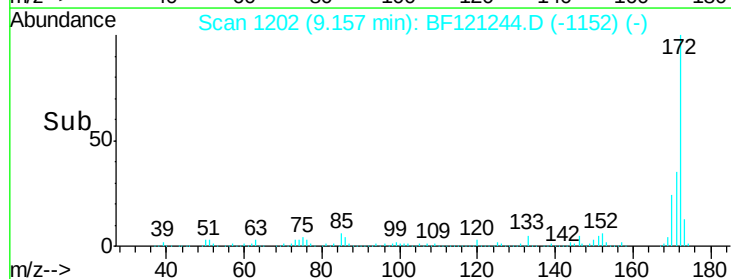
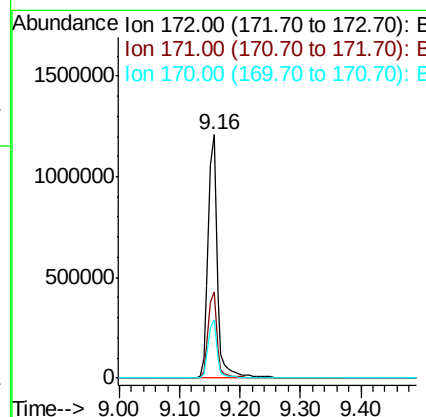
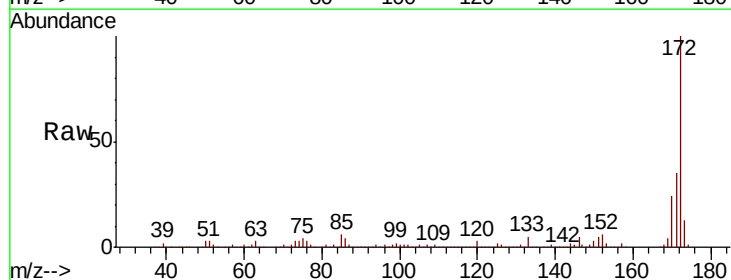
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080720

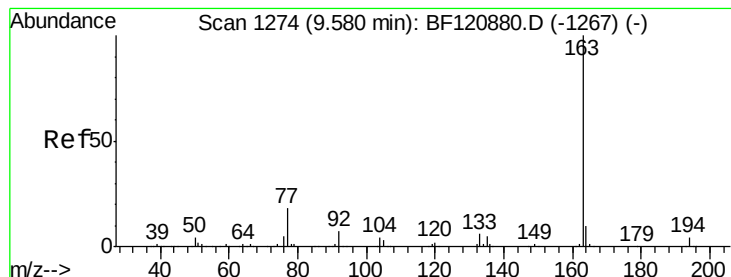
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	30.1	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 71.554 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121244.D
 Acq: 11 Aug 2020 17:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	24.1	19.6	29.4





#50

Dimethylphthalate

Concen: 2.223 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121244.D

Acq: 11 Aug 2020 17:17

Instrument :

BNA_F

ClientSampleId :

OR-02-080720

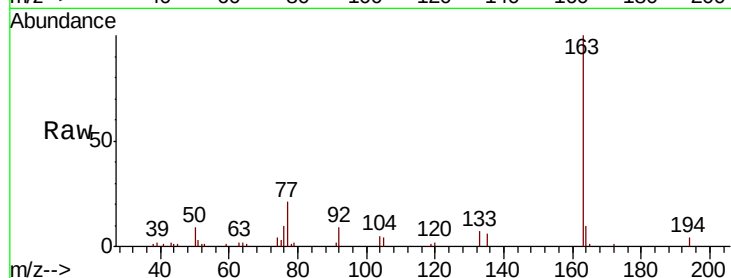
Tot Ion:163 Resp: 43588

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

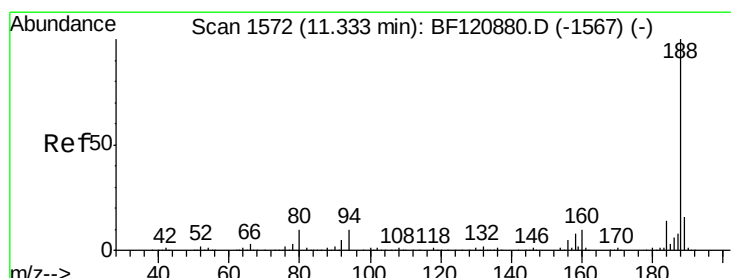
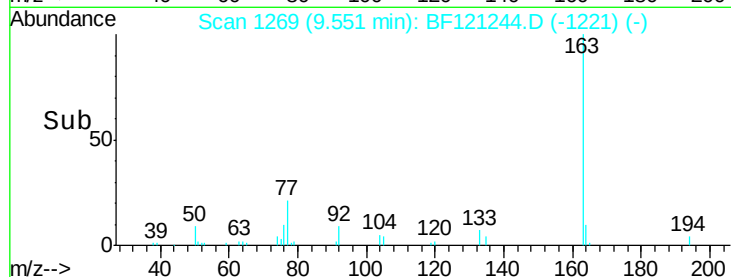
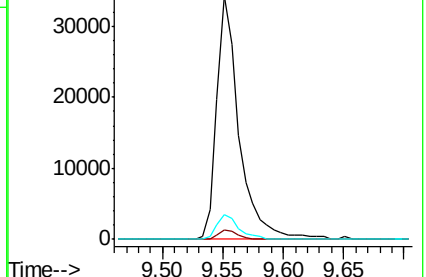
164 10.2 8.4 12.6



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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121244.D

Acq: 11 Aug 2020 17:17

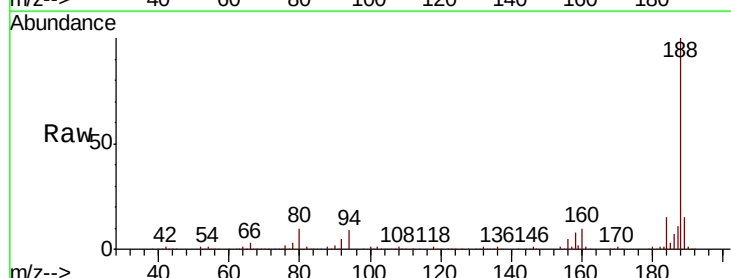
Tgt Ion:188 Resp: 549862

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

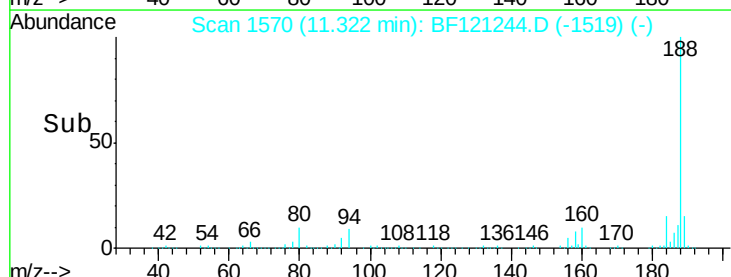
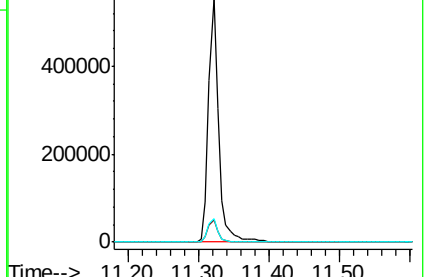
80 9.9 8.3 12.5

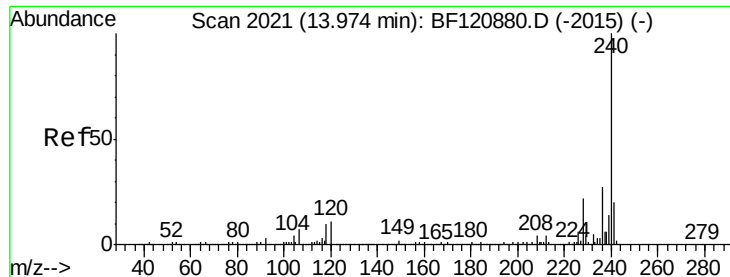


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

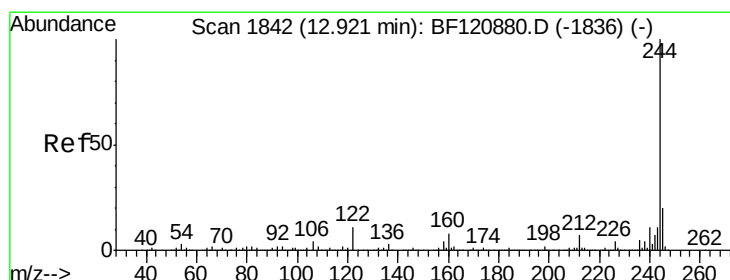
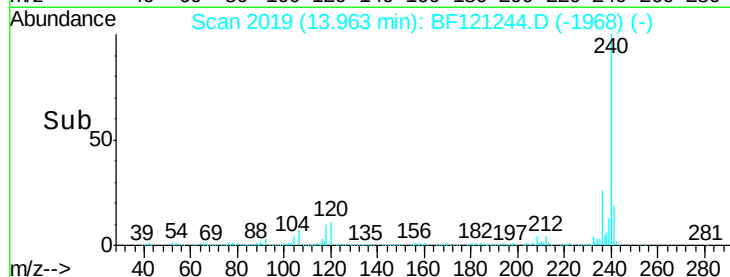
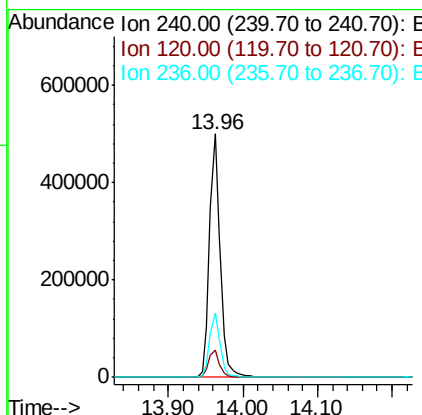
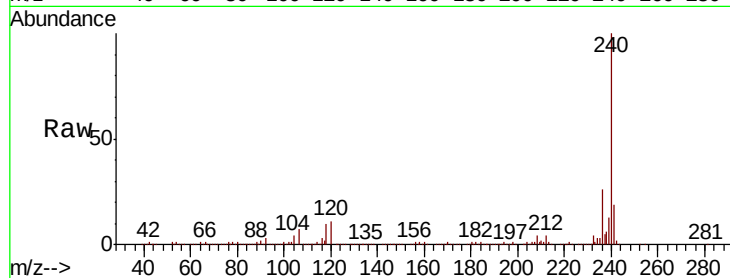




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121244.D
Acq: 11 Aug 2020 17:17

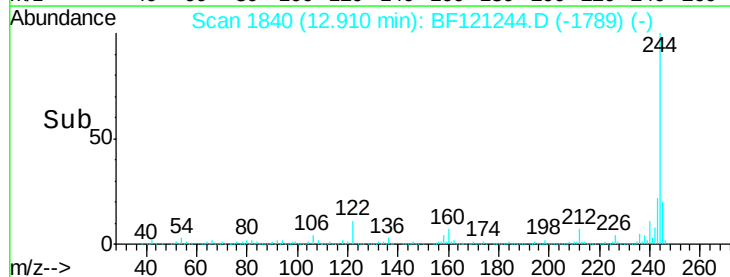
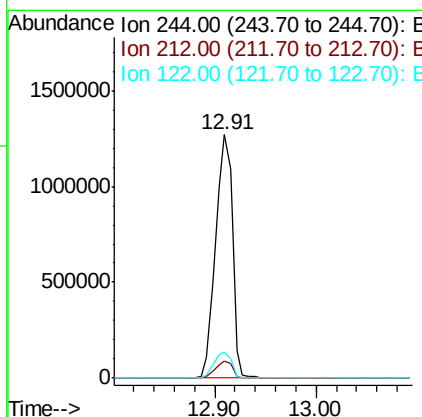
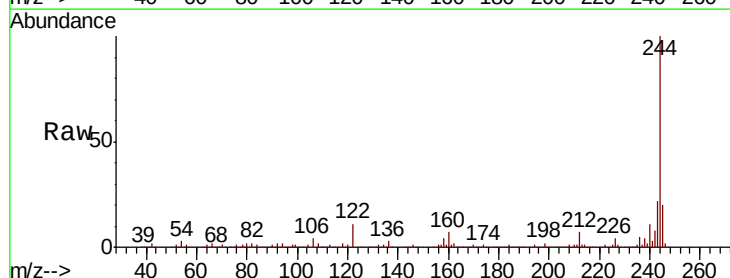
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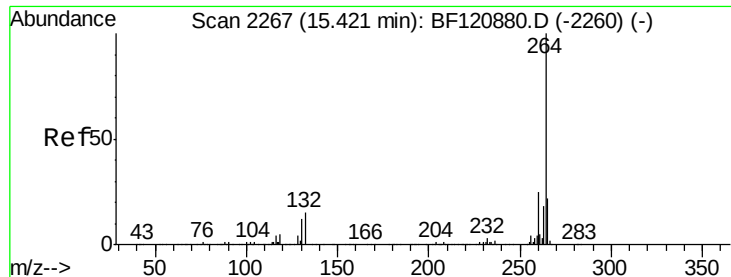
Tot Ion:240 Resp: 502702
Ion Ratio Lower Upper
240 100
120 11.3 9.3 13.9
236 26.2 21.1 31.7



#79
Terphenyl-d14
Concen: 63.737 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF121244.D
Acq: 11 Aug 2020 17:17

Tgt Ion:244 Resp: 1473953
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.7 8.3 12.5

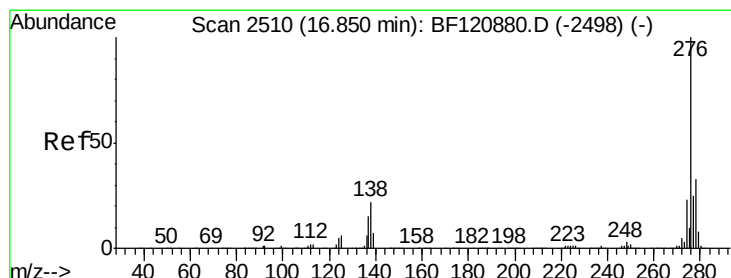
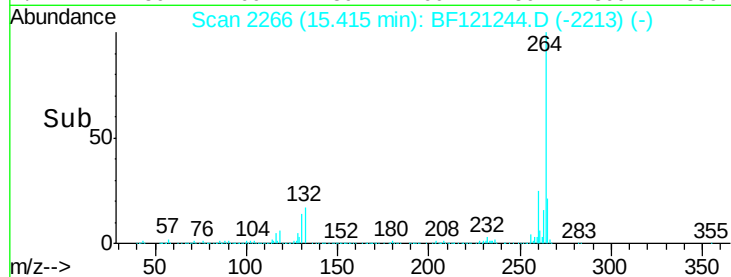
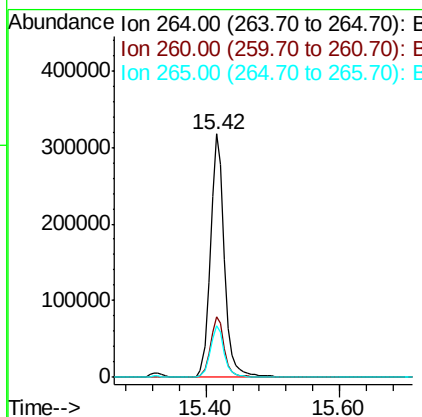
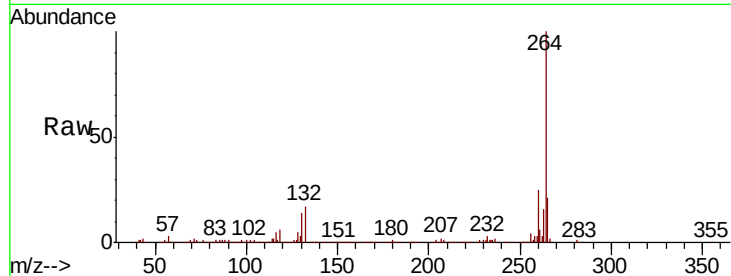




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121244.D
Acq: 11 Aug 2020 17:17

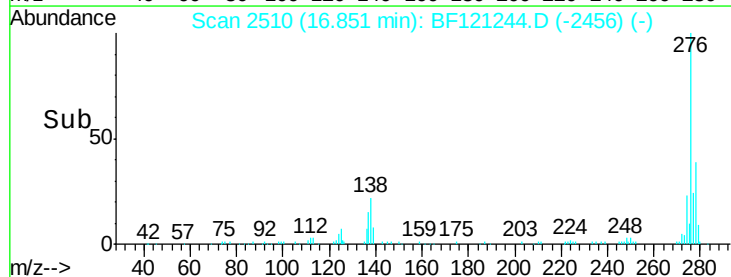
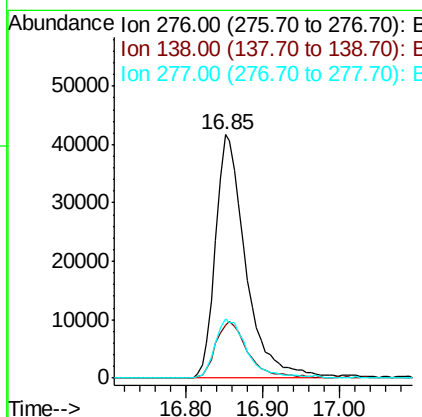
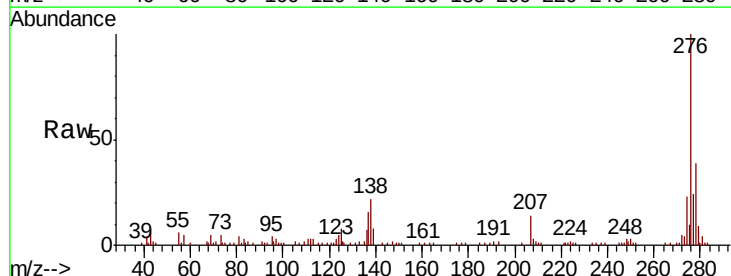
Instrument :
BNA_F
ClientSampleId :
OR-02-080720

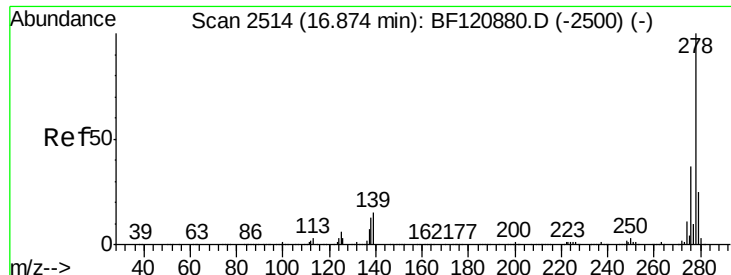
Tot Ion:264 Resp: 464400
Ion Ratio Lower Upper
264 100
260 25.0 19.9 29.9
265 21.4 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.514 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.02 min
Lab File: BF121244.D
Acq: 11 Aug 2020 17:17

Tgt Ion:276 Resp: 113503
Ion Ratio Lower Upper
276 100
138 24.9 19.3 28.9
277 25.6 20.1 30.1





#91

Dibenzo(a,h)anthracene

Concen: 3.313 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.02 min

Lab File: BF121244.D

Acq: 11 Aug 2020 17:17

Instrument :

BNA_F

ClientSampleId :

OR-02-080720

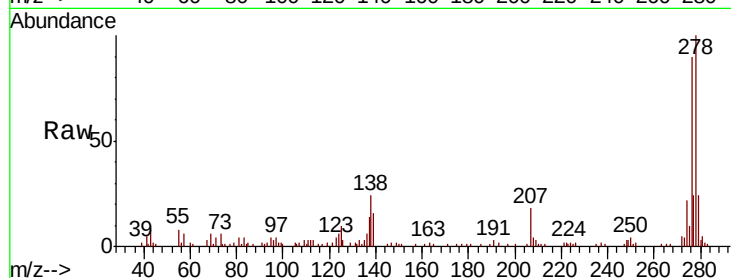
Tot Ion:278 Resp: 87396

Ion Ratio Lower Upper

278 100

139 16.2 12.6 18.8

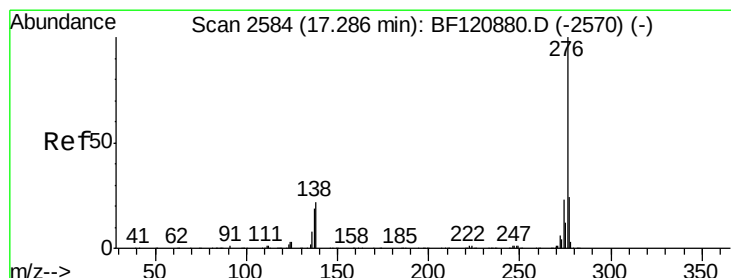
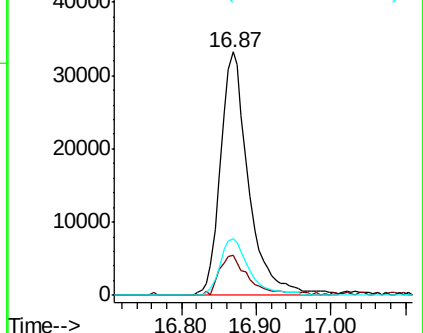
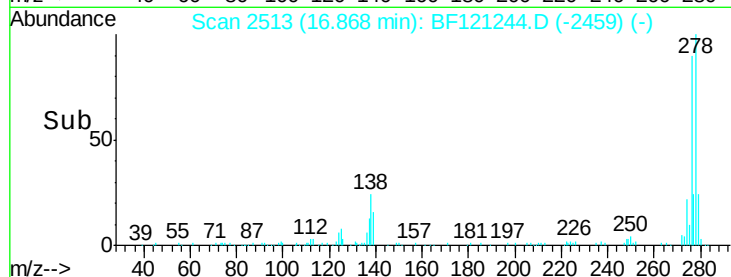
279 23.5 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 4.523 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF121244.D

Acq: 11 Aug 2020 17:17

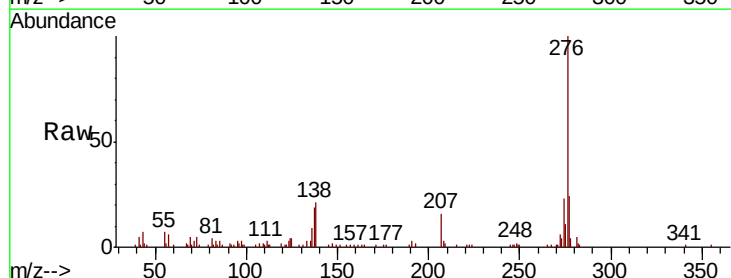
Tgt Ion:276 Resp: 117657

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 21.4 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

