

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117765.D
 Acq On : 12 Nov 2019 17:49
 Operator : JU
 Sample : K5791-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FINES-NORTH-BERGEN

Manual Integrations
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 11/13/2019 6:48:34 PM

Quant Time: Nov 13 01:34:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	276799	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1054870	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	526054	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	842583	20.00	ng	0.00
76) Chrysene-d12	14.12	240	597461	20.00	ng	0.00
87) Perylene-d12	15.63	264	697288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1330987	87.04	ng	0.00
7) Phenol-d6	6.55	99	1665283	88.32	ng	0.00
23) Nitrobenzene-d5	7.49	82	1024348	57.33	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	419684	81.56	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1861563	69.82	ng	0.00
79) Terphenyl-d14	13.06	244	1620880	55.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.68	163	211051	5.935	ng	98
71) Phenanthrene	11.49	178	967743	23.962	ng	97
72) Anthracene	11.54	178	130855	3.257	ng	96
75) Fluoranthene	12.69	202	1394983	33.827	ng	97
78) Pyrene	12.92	202	1192091	27.333	ng	96
81) Benzo(a)anthracene	14.10	228	572179	15.385	ng	98
83) Chrysene	14.14	228	560842	15.271	ng	97
86) Indeno(1,2,3-cd)pyrene	17.16	276	279618	8.180	ng	94
88) Benzo(b)fluoranthene	15.18	252	758469m	17.271	ng	
89) Benzo(k)fluoranthene	15.20	252	251672m	6.425	ng	
90) Benzo(a)pyrene	15.56	252	490150	12.875	ng	99
91) Dibenzo(a,h)anthracene	17.17	278	72082m	2.111	ng	
92) Benzo(a,h,i)perylene	17.62	276	234928	7.100	ng	98

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

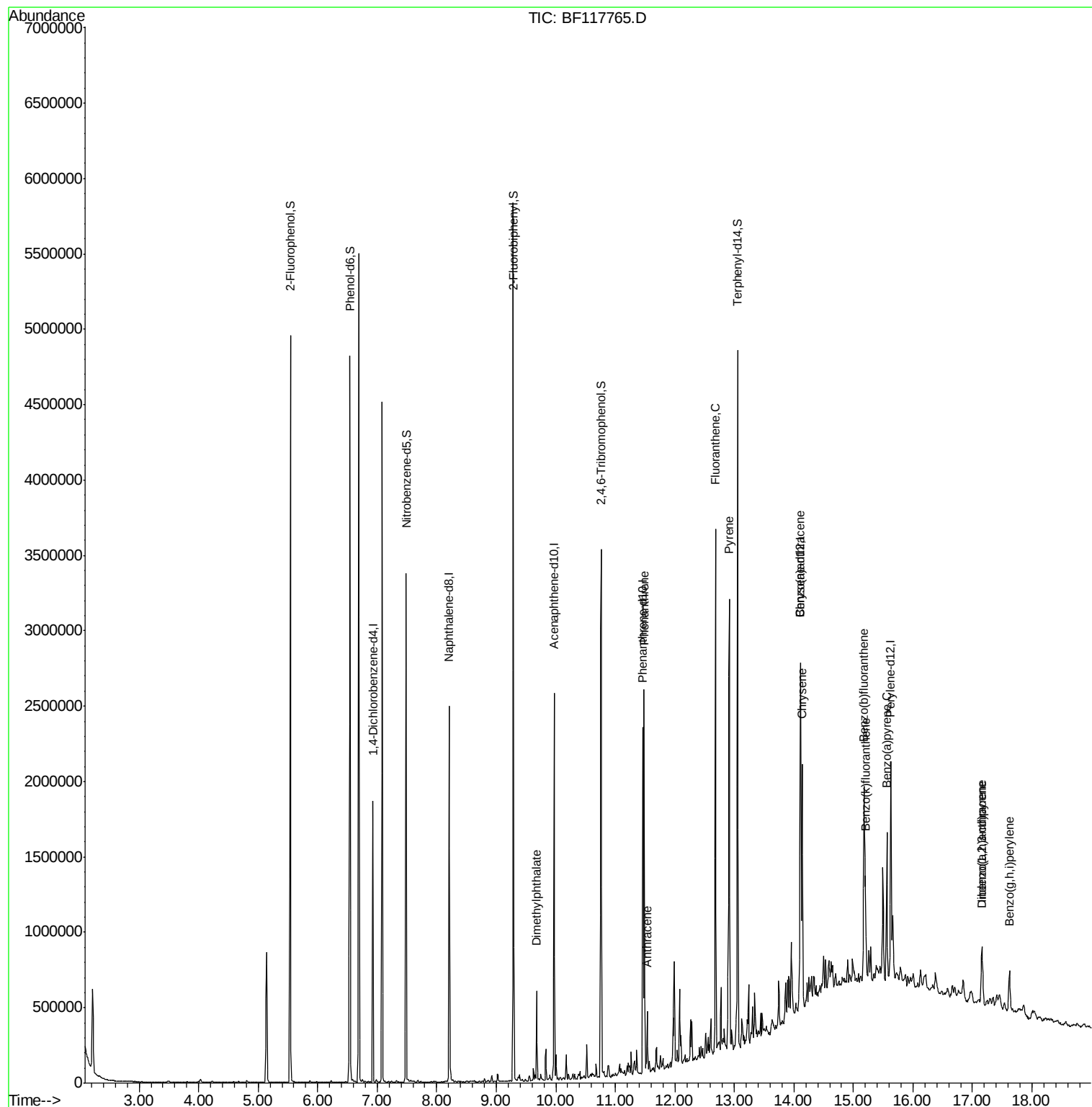
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117765.D
Acq On : 12 Nov 2019 17:49
Operator : JU
Sample : K5791-01
Misc :
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#1

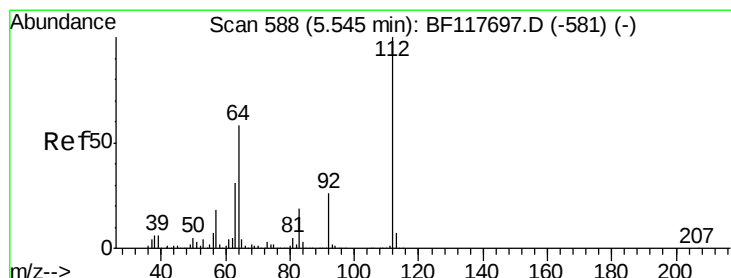
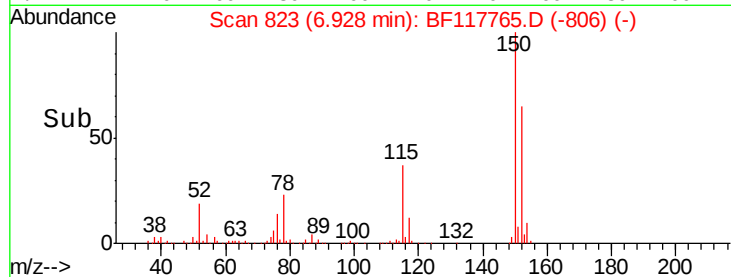
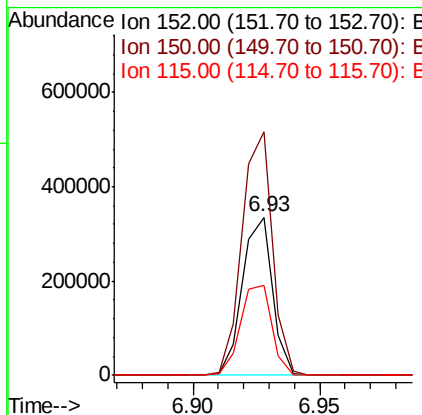
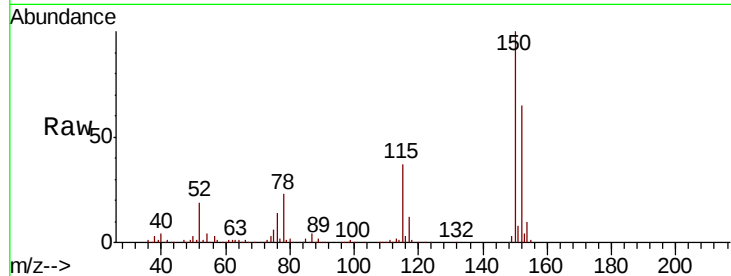
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Instrument :
BNA_F
ClientSampleId :
FINES-NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	190.0
115	56.8	47.6	71.4

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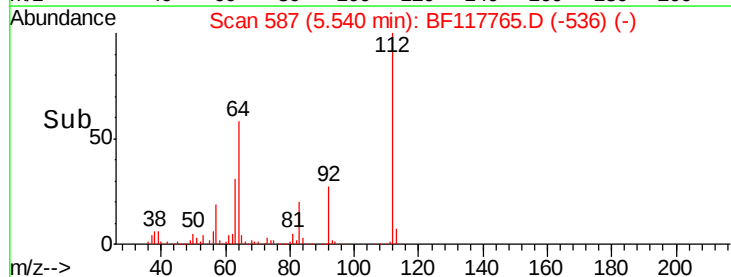
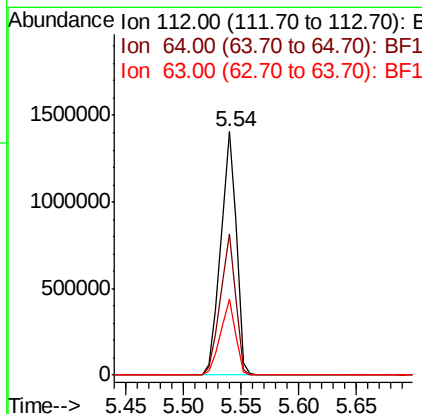
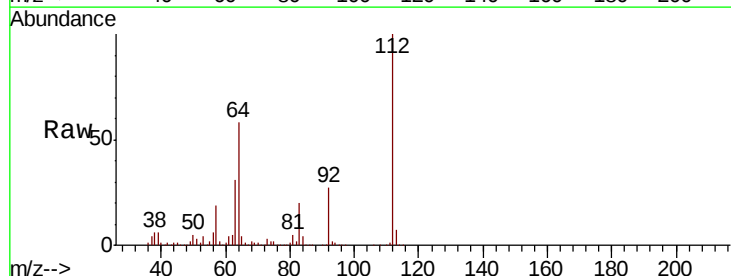
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#5

2-Fluorophenol
Concen: 87.041 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	43.5	65.3
63	31.2	23.5	35.3





#7

Phenol-d6

Concen: 88.321 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

Instrument :

BNA_F

ClientSampleId :

FINES-NORTH-BERGEN

Tot Ion: 99 Resp: 1665283

Ion Ratio Lower Upper

99 100

42 18.7 15.3 22.9

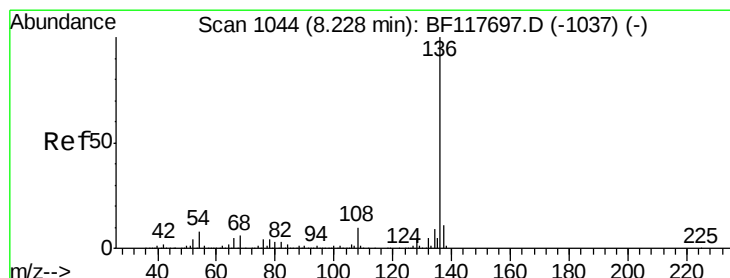
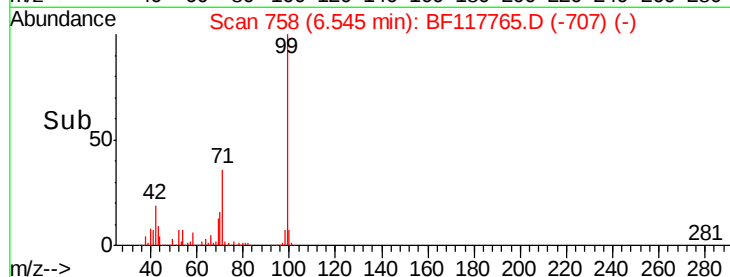
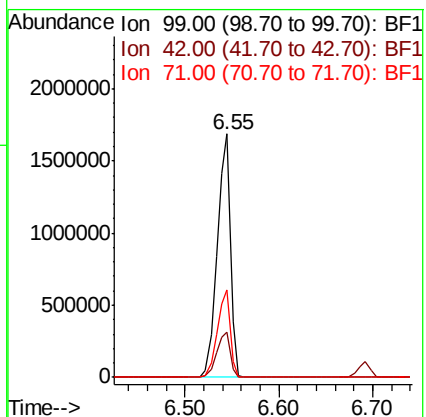
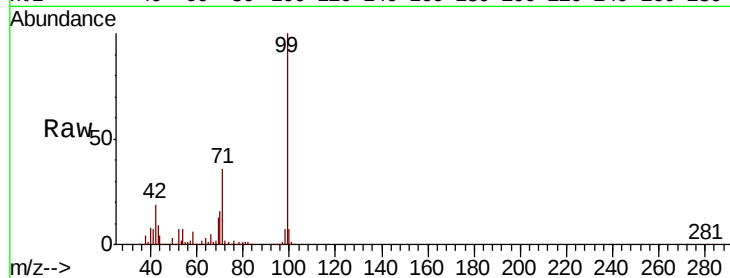
71 35.7 28.2 42.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

Tgt Ion: 136 Resp: 1054870

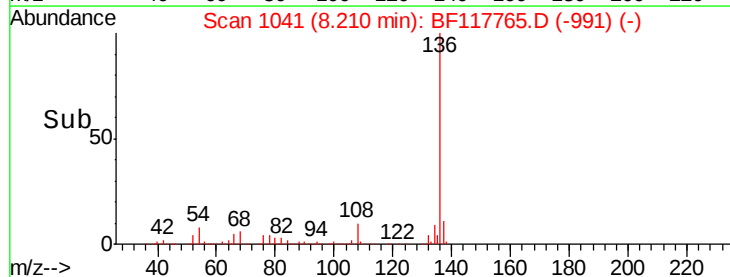
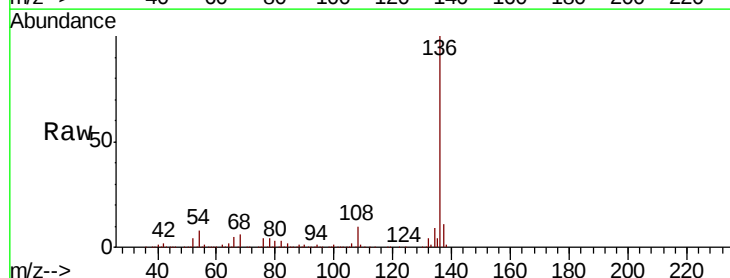
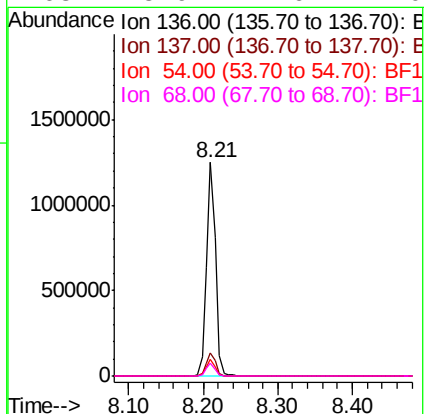
Ion Ratio Lower Upper

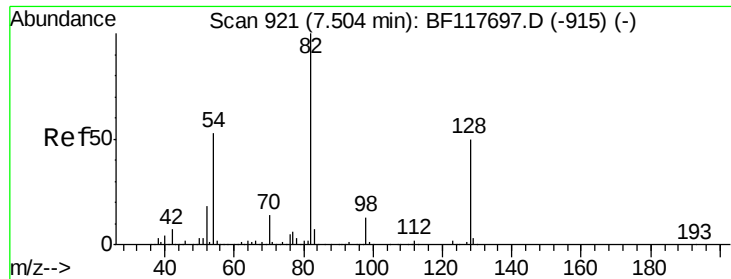
136 100

137 11.0 9.0 13.6

54 7.6 6.1 9.1

68 5.9 4.6 7.0





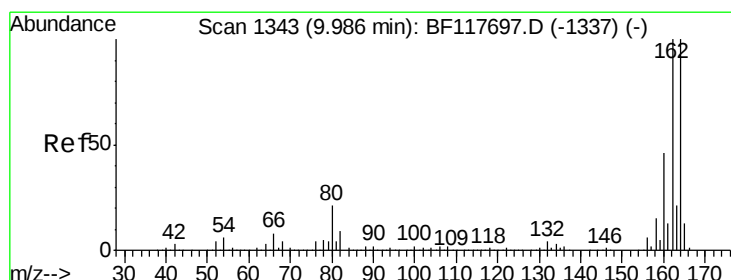
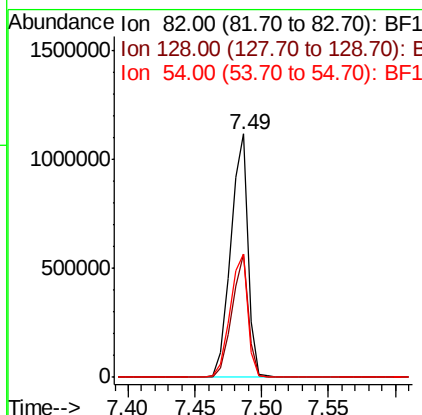
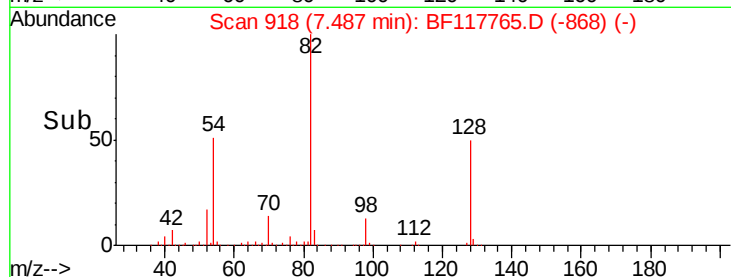
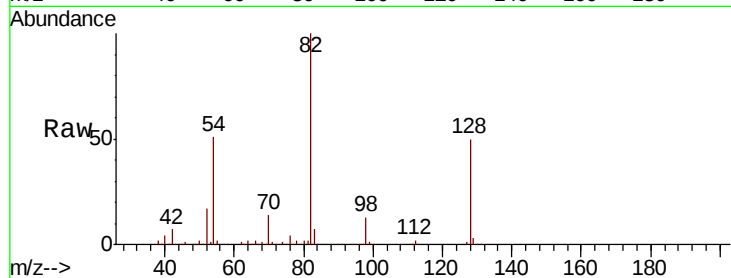
#23
Nitrobenzene-d5
Concen: 57.331 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Instrument :
BNA_F
ClientSampleId :
FINES-NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	38.7	58.1
54	50.9	41.4	62.2

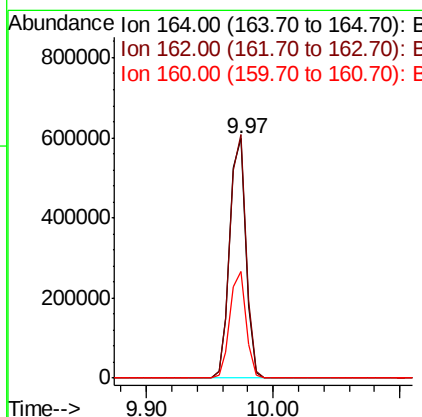
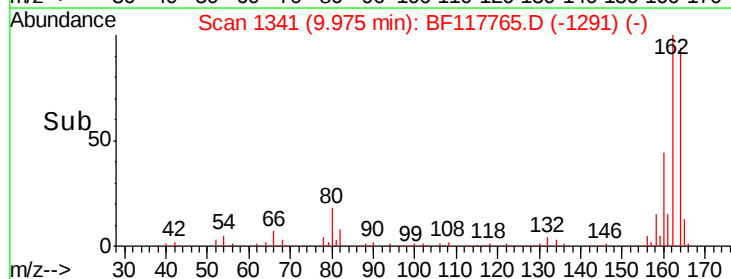
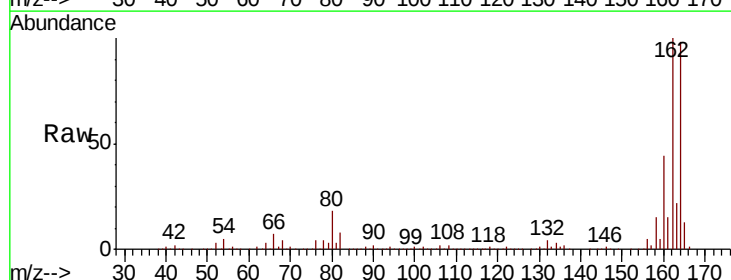
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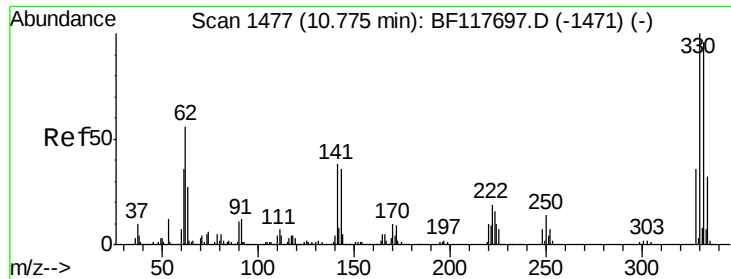
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.2	121.8
160	44.6	36.3	54.5





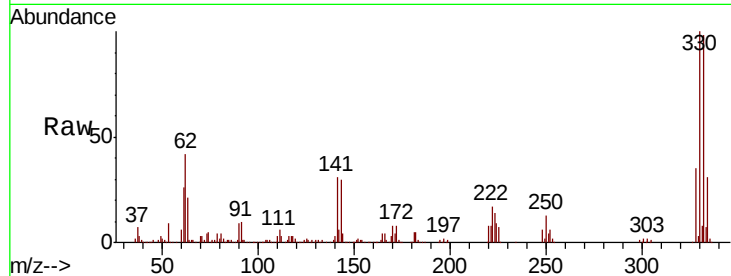
#42
 2,4,6-Tribromophenol
 Concen: 81.555 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF117765.D
 Acq: 12 Nov 2019 17:49

Instrument :
 BNA_F
 ClientSampleId :
 FINES-NORTH-BERGEN

Tot Ion	Ratio	Resp	Lower	Upper
330	100	419684		
332	97.2	76.9	115.3	
141	33.0	26.5	39.7	

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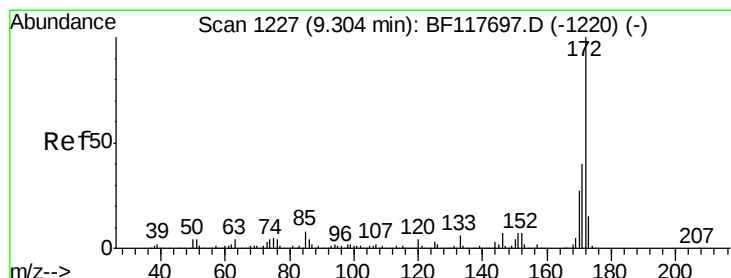
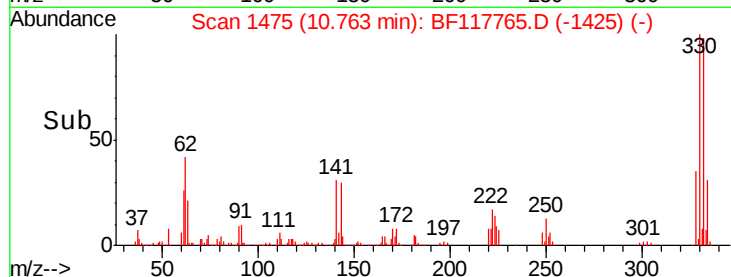
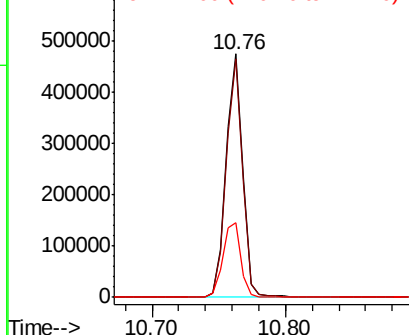


Abundance

Ion 329.80 (329.50 to 330.50): E

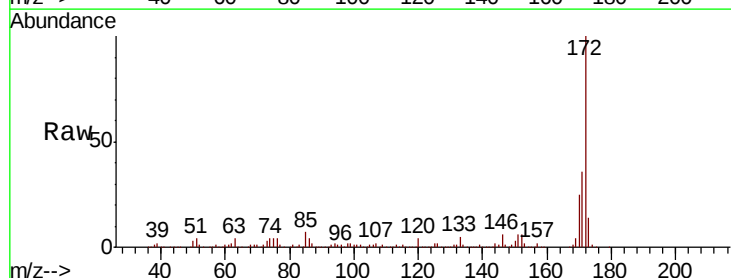
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.820 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF117765.D
 Acq: 12 Nov 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1861563		
171	36.5	30.7	46.1	
170	24.6	20.6	30.8	

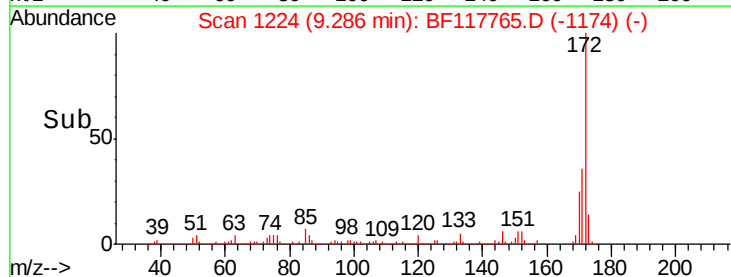
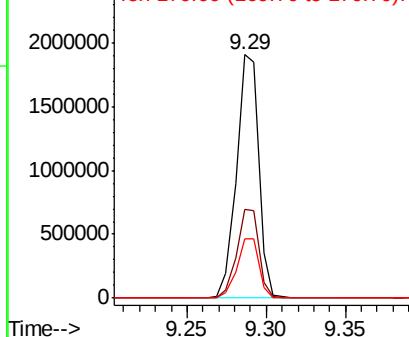


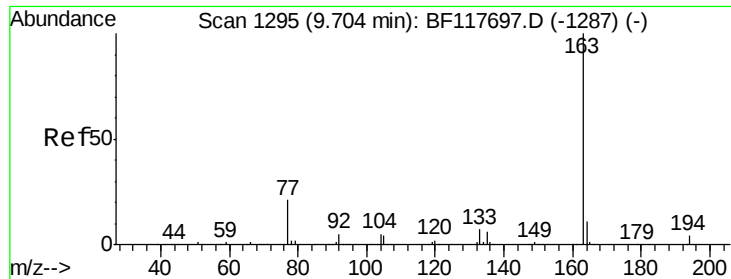
Abundance

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





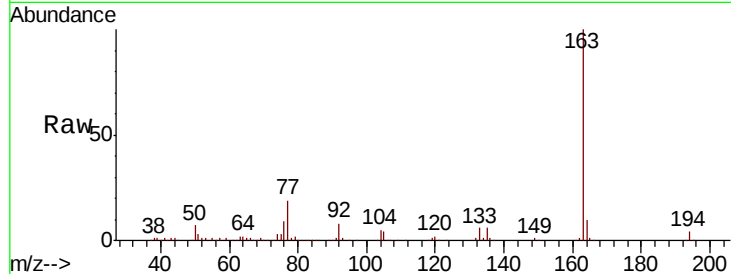
#50
Dimethylphthalate
Concen: 5.935 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Instrument :
BNA_F
ClientSampleId :
FINES-NORTH-BERGEN

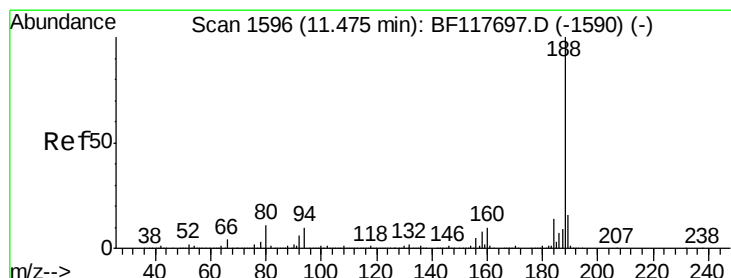
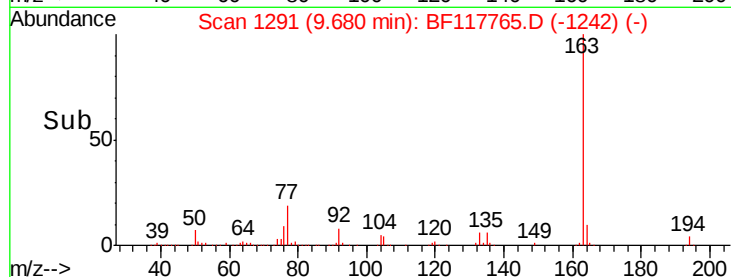
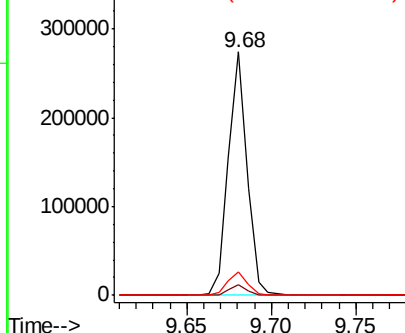
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		211051		
194	4.3		3.2	4.8	
164	9.7		8.6	13.0	

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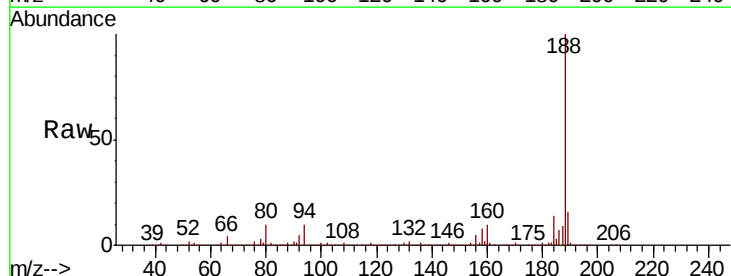


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

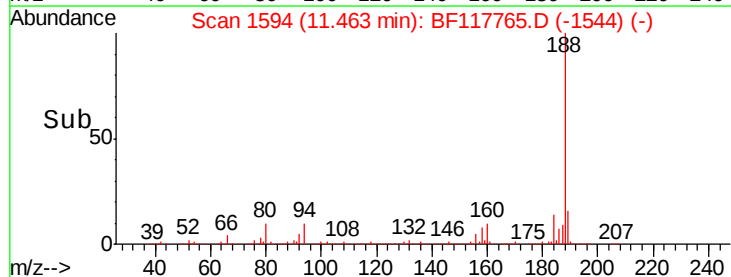
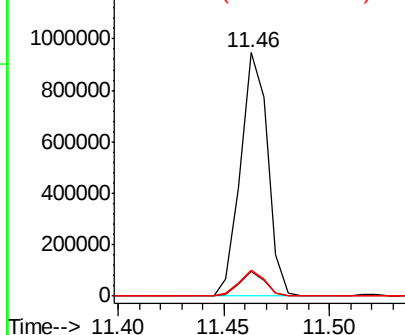


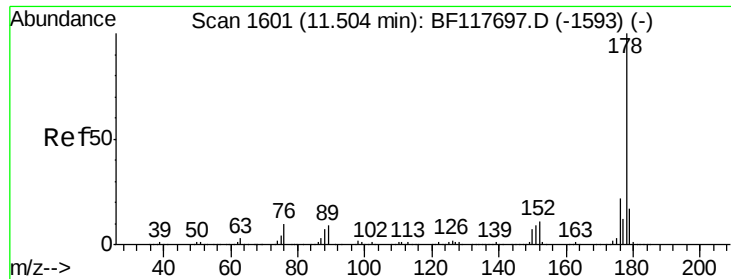
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		842583		
94	10.1		7.4	11.2	
80	10.4		8.1	12.1	



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





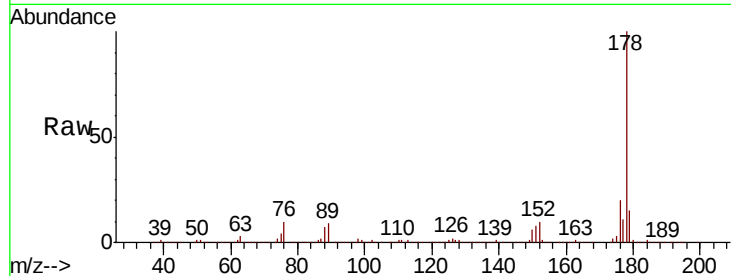
#71
Phenanthrene
Concen: 23.962 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Instrument :
BNA_F
ClientSampleId :
FINES-NORTH-BERGEN

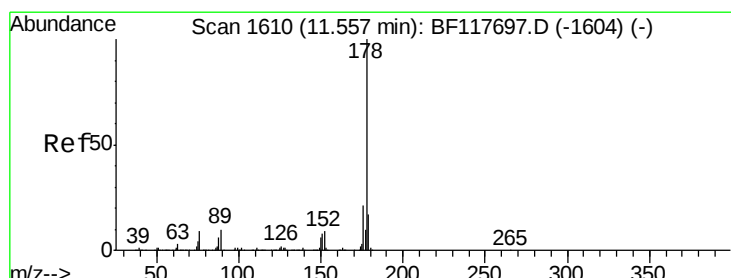
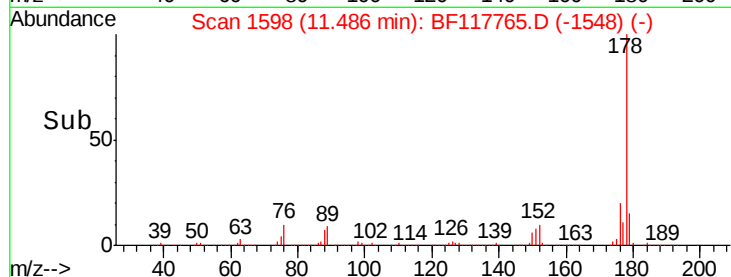
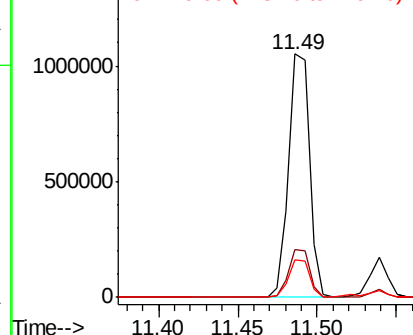
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.8	25.2
179	15.4	13.5	20.3

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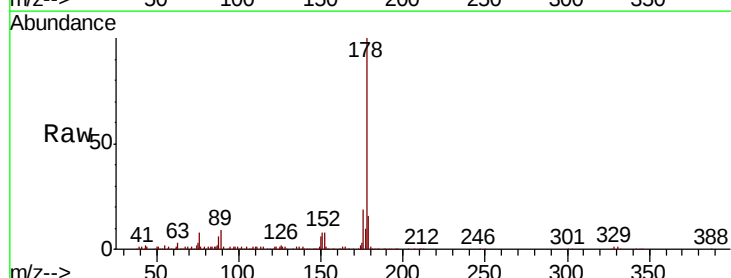


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

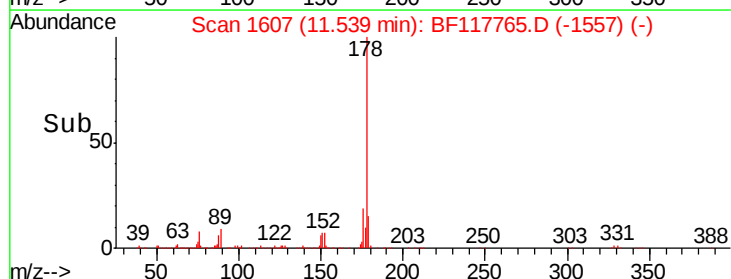
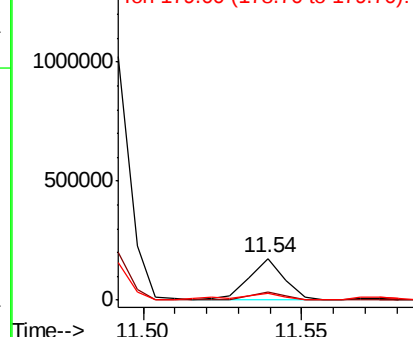


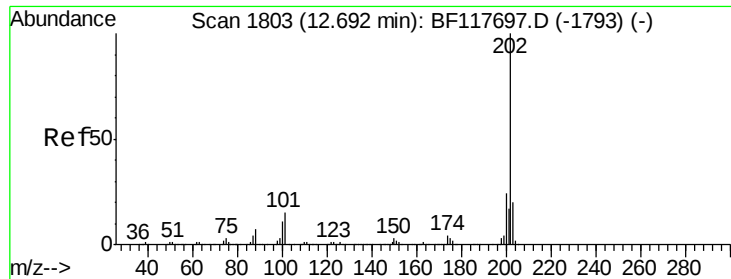
#72
Anthracene
Concen: 3.257 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.4	24.6
179	15.7	13.6	20.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 33.827 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

Instrument :

BNA_F

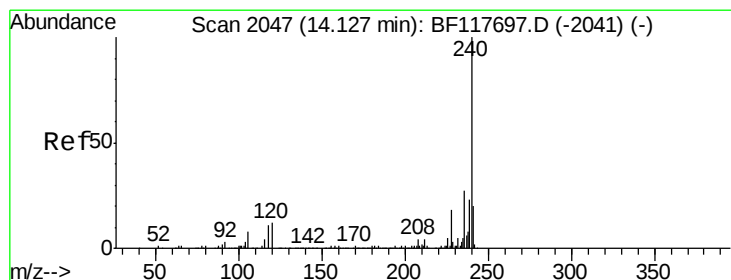
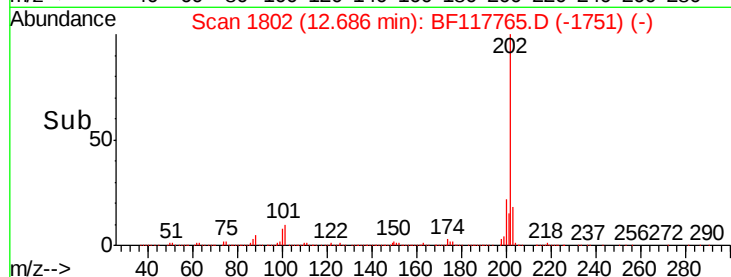
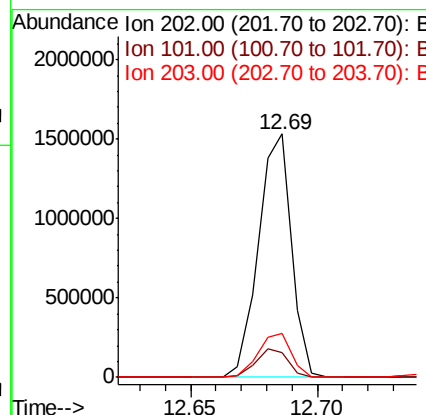
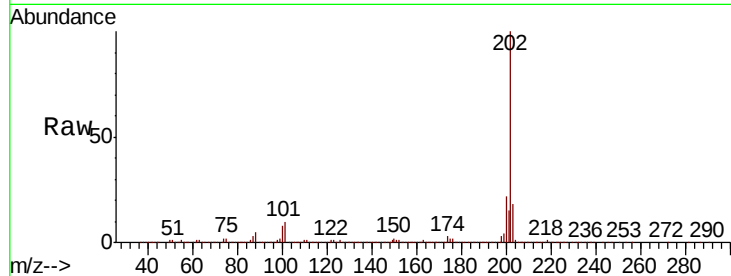
ClientSampleId :

FINES-NORTH-BERGEN

Tot Ion:	202	Resp:	1394983
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.5
203	18.0	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

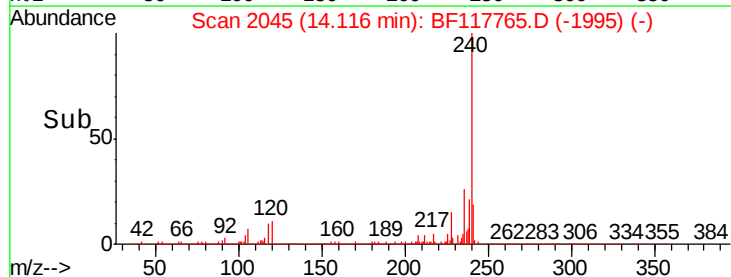
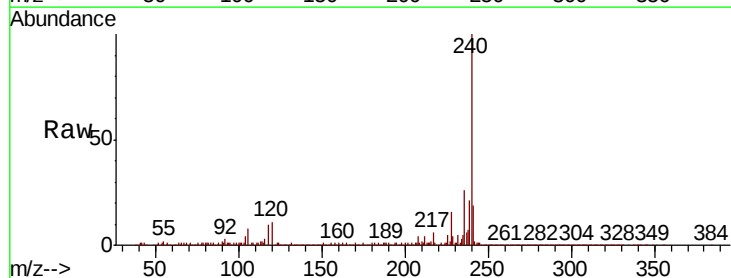
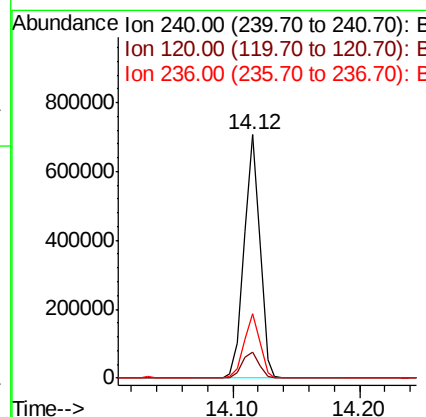
RT: 14.12 min Scan# 2045

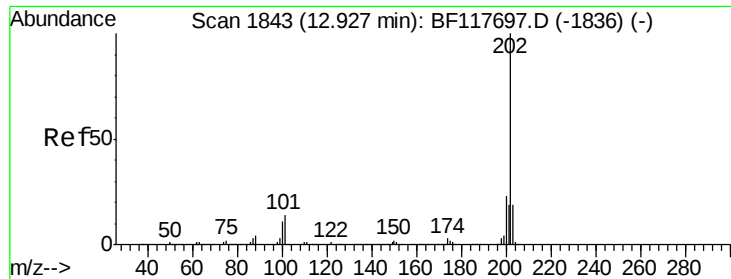
Delta R.T. -0.01 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

Tgt Ion:	240	Resp:	597461
Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.3	13.9
236	26.2	21.4	32.0





#78

Pvrene

Concen: 27.333 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

Instrument :

BNA_F

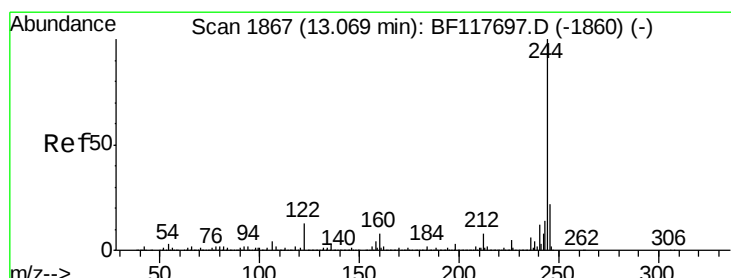
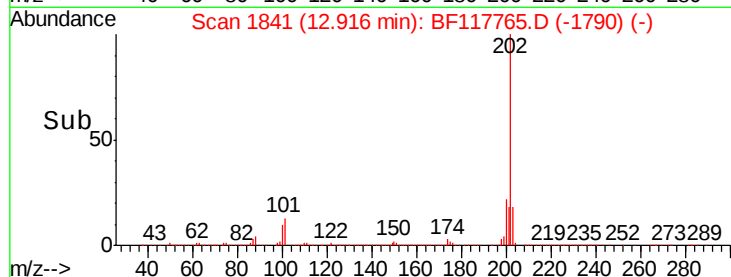
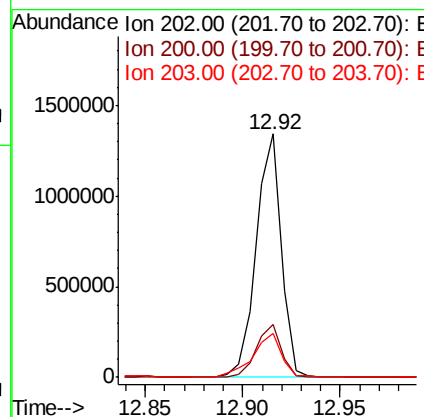
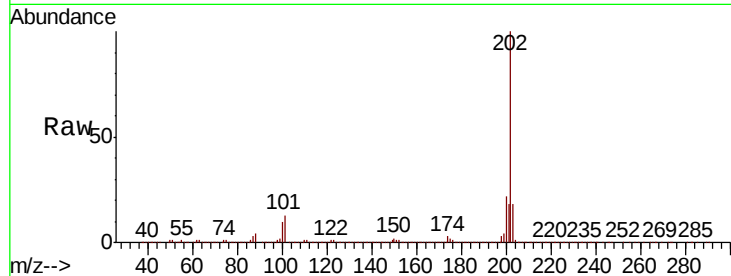
ClientSampleId :

FINES-NORTH-BERGEN

Tot Ion:	202	Resp:	1192091
Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.9	28.3
203	17.9	15.3	22.9

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#79

Terphenyl-d14

Concen: 55.848 ng

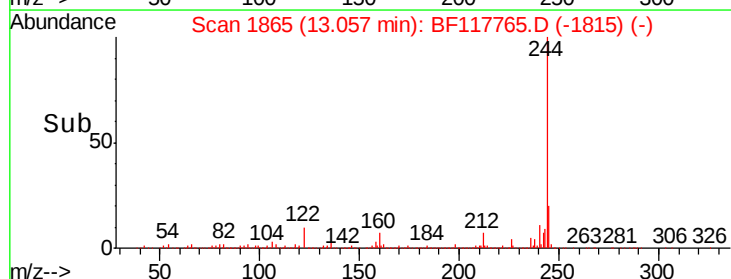
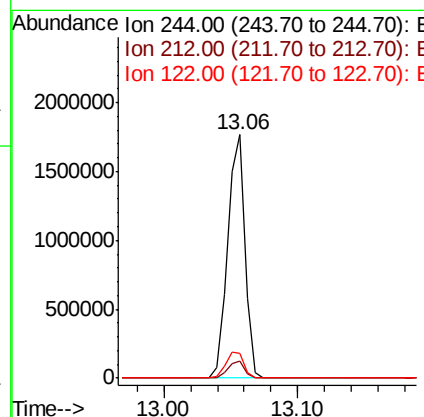
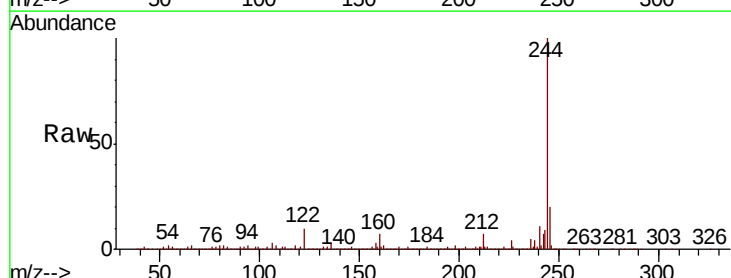
RT: 13.06 min Scan# 1865

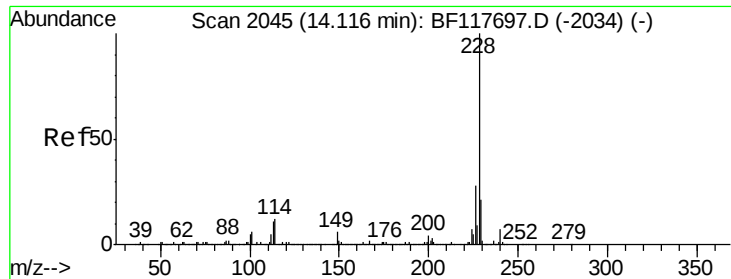
Delta R.T. -0.01 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

Tgt Ion:	244	Resp:	1620880
Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.4
122	10.1	9.1	13.7





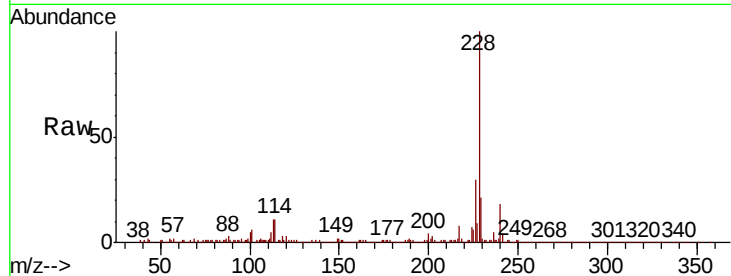
#81
Benzo(a)anthracene
Concen: 15.385 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Instrument :
BNA_F
ClientSampleId :
FINES-NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.2	17.0	25.4

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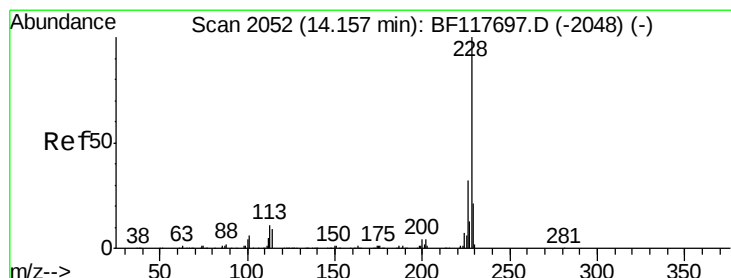
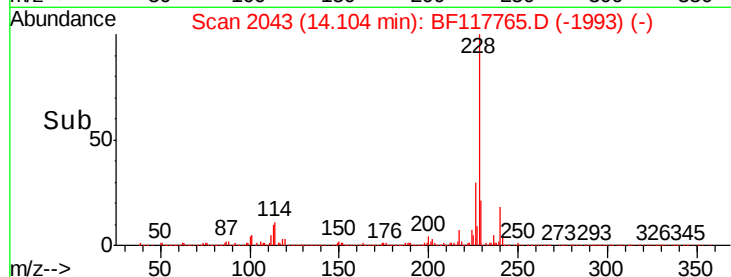
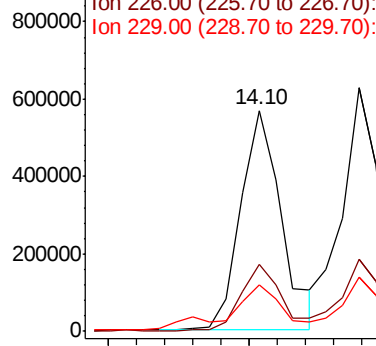


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 15.271 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

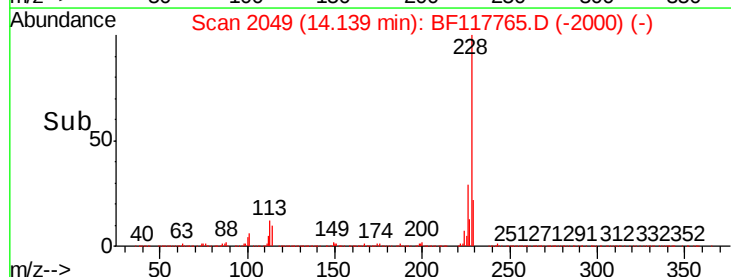
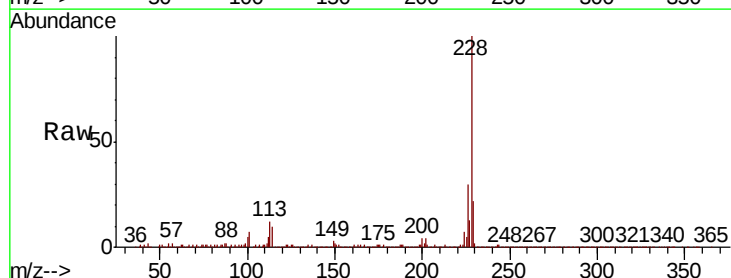
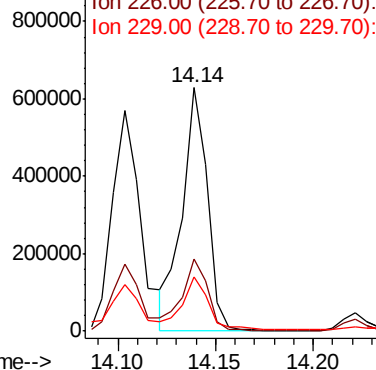
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.1	37.7
229	22.5	16.6	25.0

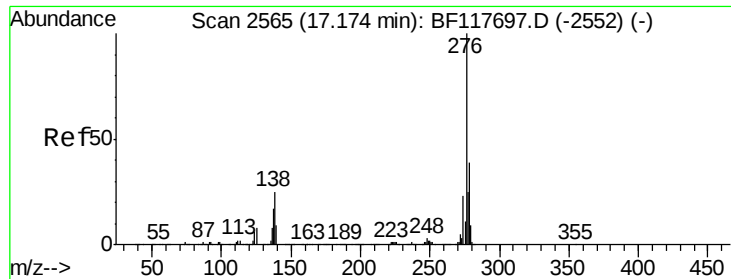
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 8.180 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

Instrument :

BNA_F

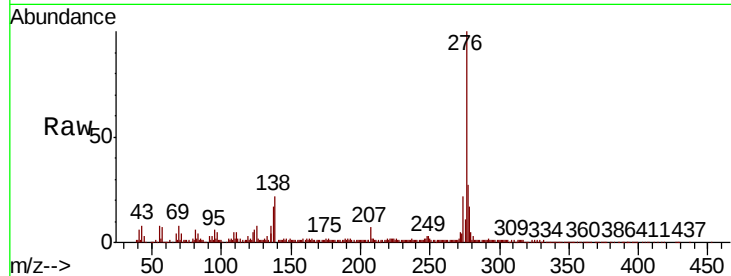
ClientSampleId :

FINES-NORTH-BERGEN

Tot Ion:	276	Resp:	279618
Ion Ratio	Lower	Upper	
276	100		
138	21.7	21.2	31.8
277	23.8	20.1	30.1

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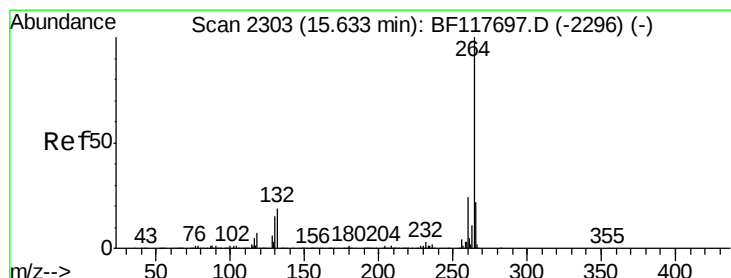
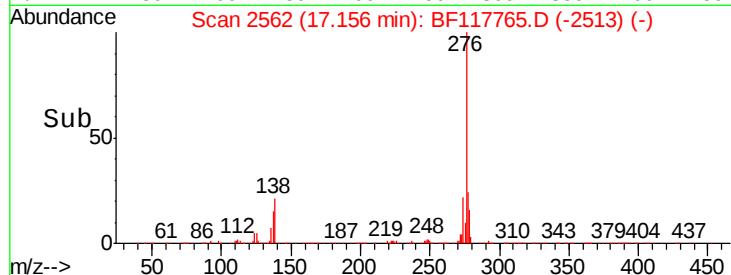
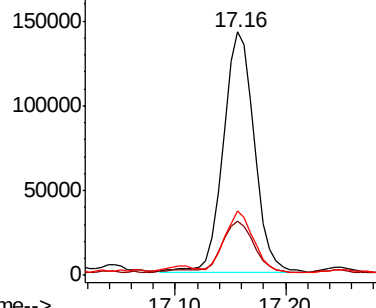


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

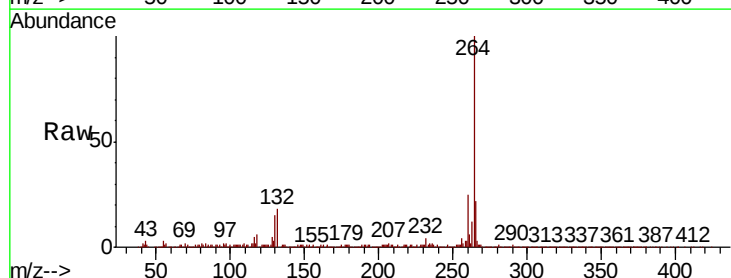
RT: 15.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

Tgt Ion:	264	Resp:	697288
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.0	28.6
265	22.5	17.2	25.8

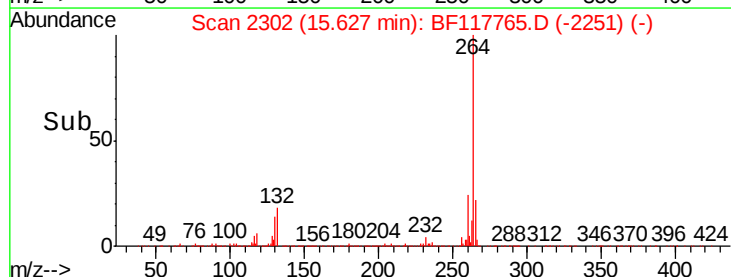
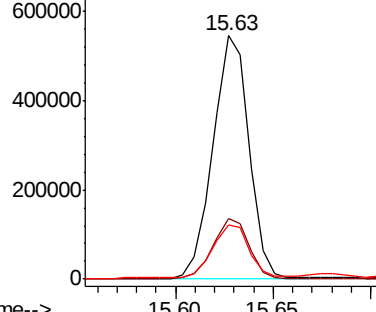


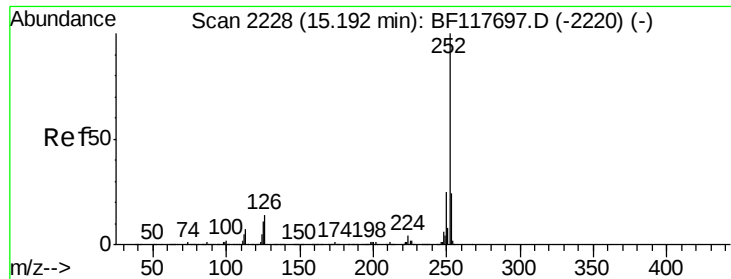
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 17.271 ng m

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

Instrument :

BNA_F

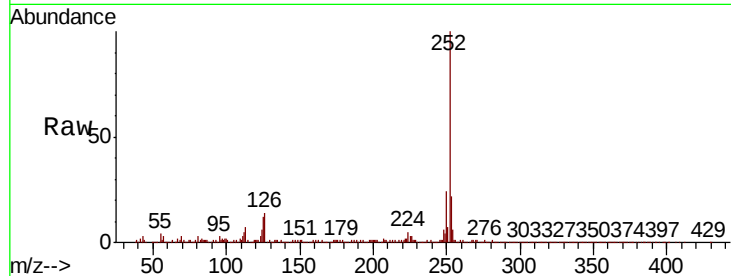
ClientSampleId :

FINES-NORTH-BERGEN

Tot Ion:	252	Resp:	758469
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.3	27.5
125	11.9	8.4	12.6

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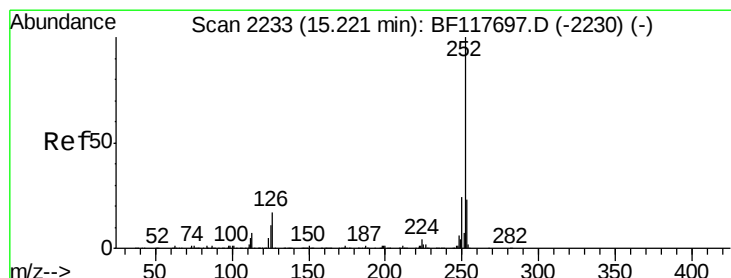
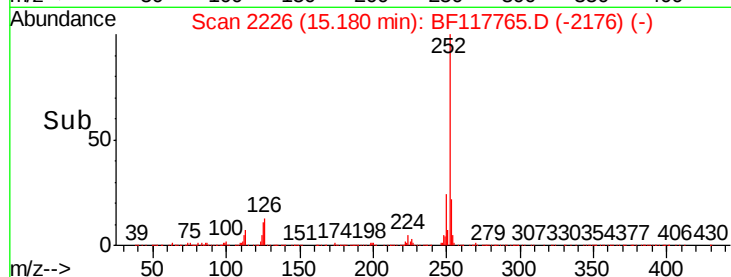
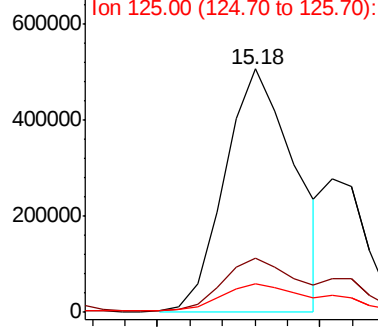


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 6.425 ng m

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF117765.D

Acq: 12 Nov 2019 17:49

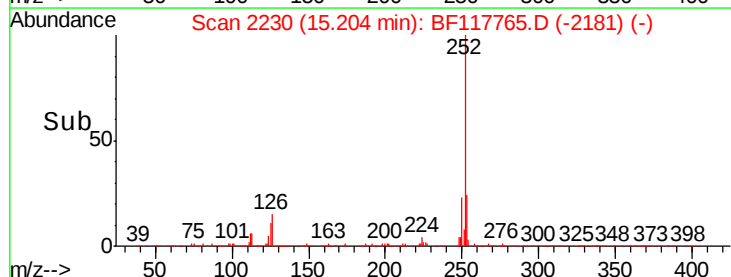
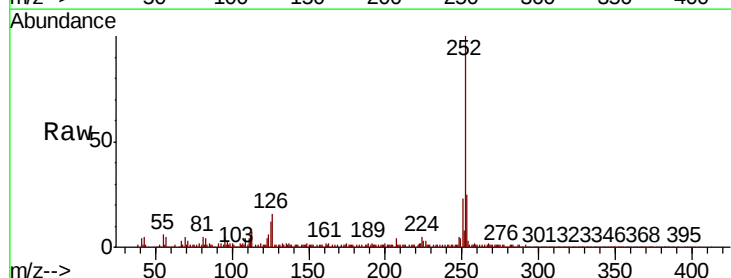
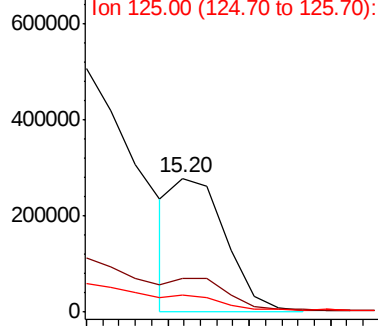
Tgt Ion:	252	Resp:	251672
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.6	28.0
125	12.5	8.9	13.3

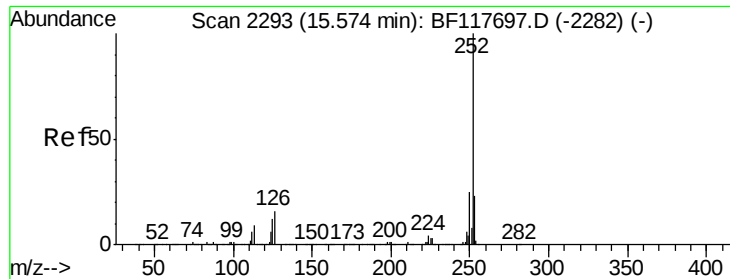
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





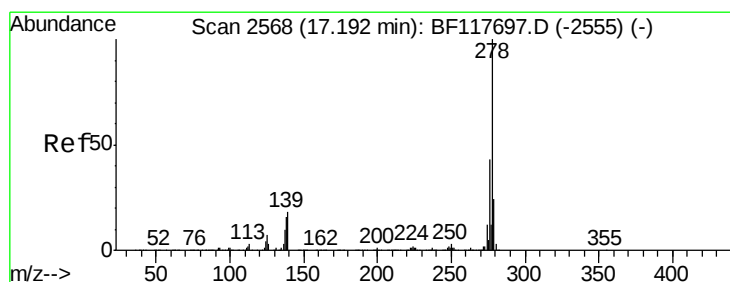
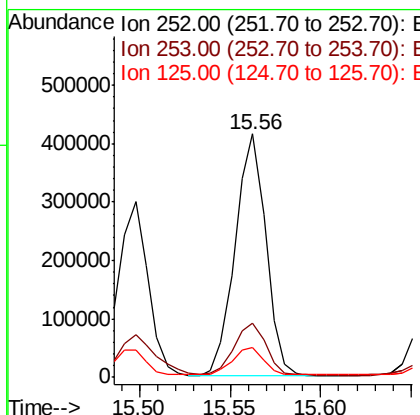
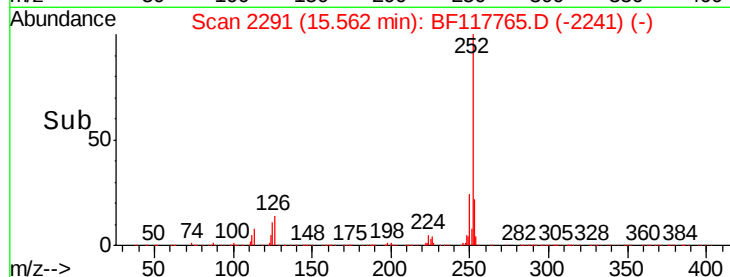
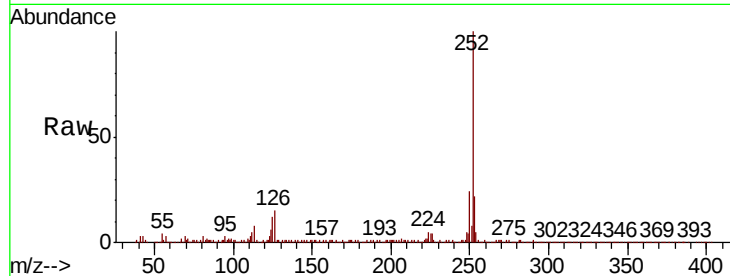
#90
Benzo(a)pyrene
Concen: 12.875 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Instrument :
BNA_F
ClientSampleId :
FINES-NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.1	9.6	14.4

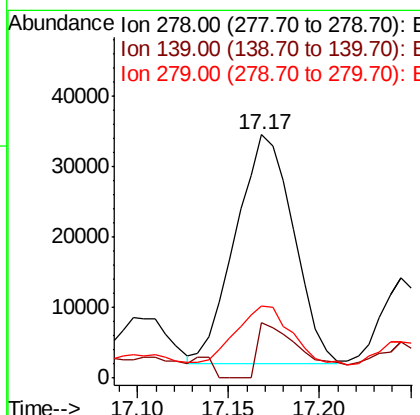
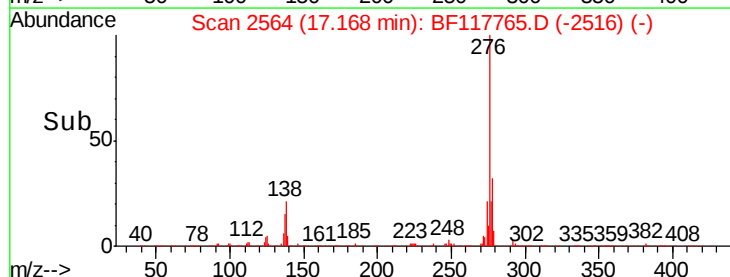
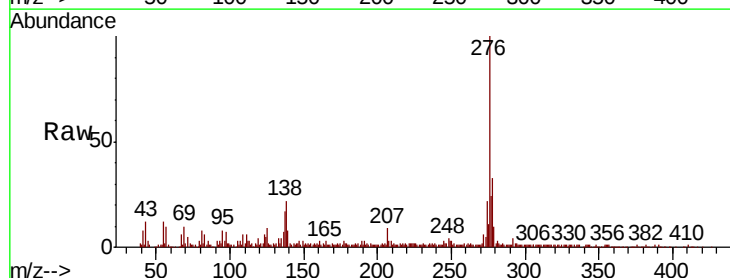
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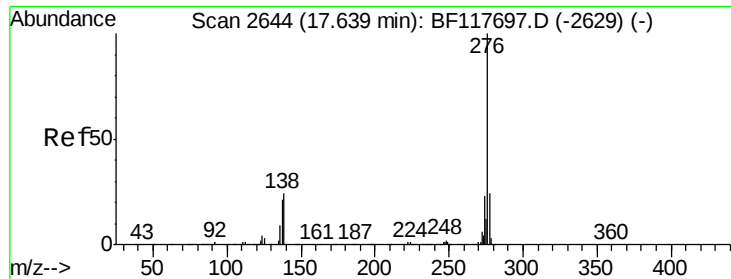
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#91
Dibenzo(a,h)anthracene
Concen: 2.111 ng m
RT: 17.17 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BF117765.D
Acq: 12 Nov 2019 17:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	13.8	20.6#
279	29.9	19.6	29.4#





#92
 Benzo(a,h,i)perylene
 Concen: 7.100 ng
 RT: 17.62 min Scan# 2641
 Delta R.T. -0.01 min
 Lab File: BF117765.D
 Acq: 12 Nov 2019 17:49

Instrument :
 BNA_F
 ClientSampleId :
 FINES-NORTH-BERGEN

Tot Ion:	276	Resp:	234928
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.0	28.6
138	23.8	18.6	27.8

Manual Integrations
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