

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117720.D
 Acq On : 7 Nov 2019 22:15
 Operator : JU
 Sample : K5722-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-C

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:31:43 PM

Quant Time: Nov 08 02:51:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	309878	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1190520	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	626785	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1124761	20.00	ng	0.00
76) Chrysene-d12	14.12	240	763827	20.00	ng	0.00
87) Perylene-d12	15.63	264	901576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1539085	89.91	ng	0.00
7) Phenol-d6	6.55	99	1959653	92.84	ng	0.00
23) Nitrobenzene-d5	7.49	82	1166467	57.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	551309	89.92	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2127853	66.98	ng	0.00
79) Terphenyl-d14	13.06	244	2161949	58.27	ng	0.00
Target Compounds						
10) Phenol	6.56	94	68947	3.031	ng	89
50) Dimethylphthalate	9.69	163	317893	7.502	ng	99
71) Phenanthrene	11.49	178	621902	11.536	ng	95
75) Fluoranthene	12.69	202	483176	8.777	ng	95
78) Pyrene	12.92	202	757558	13.586	ng	96
81) Benzo(a)anthracene	14.11	228	286331	6.022	ng	97
83) Chrysene	14.14	228	310743	6.618	ng	98
88) Benzo(b)fluoranthene	15.18	252	240103m	4.228	ng	
90) Benzo(a)pyrene	15.56	252	193925	3.940	ng	99
92) Benzo(g,h,i)perylene	17.62	276	93835	2.193	ng	98

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

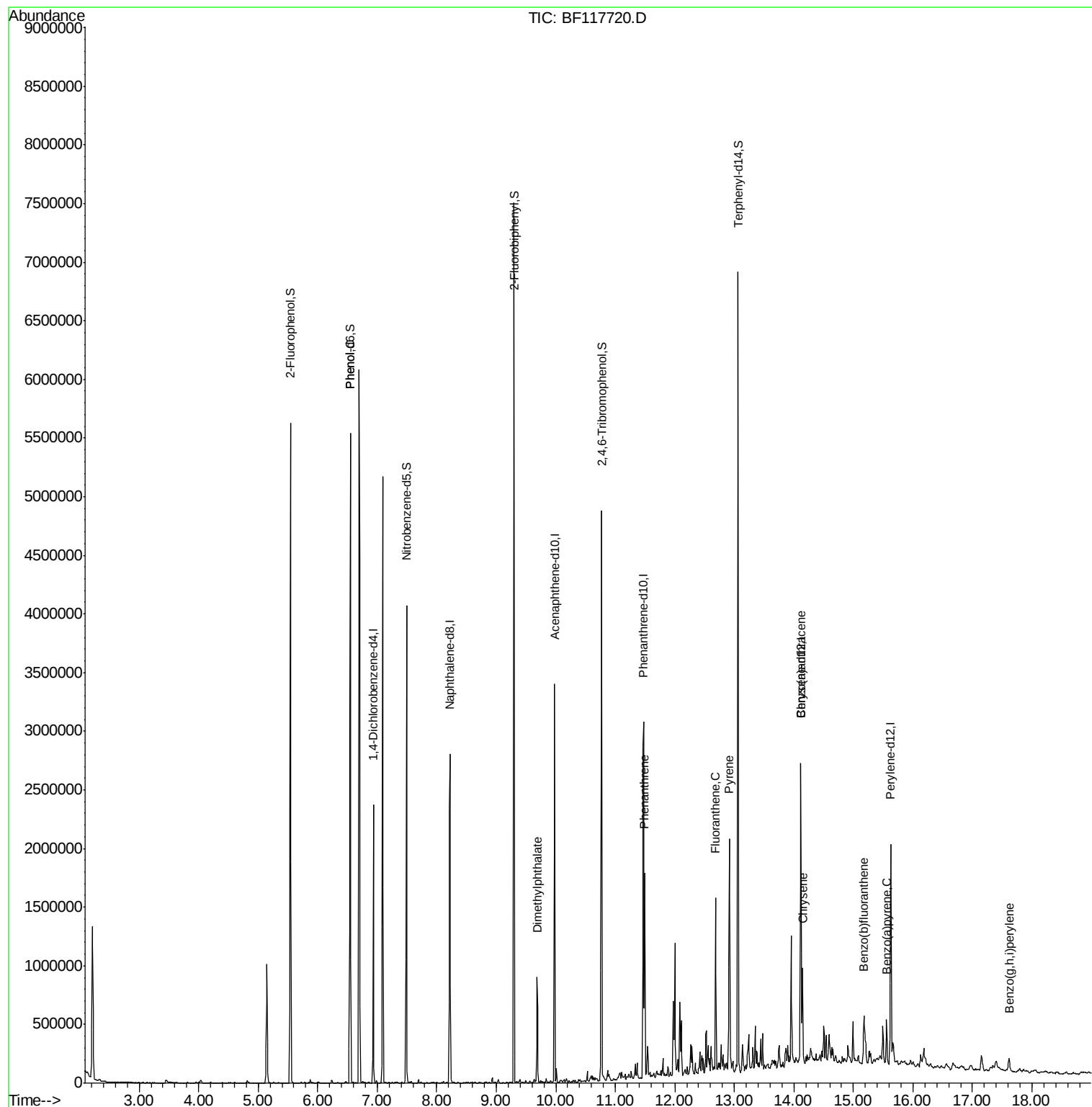
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117720.D
Acq On : 7 Nov 2019 22:15
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Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

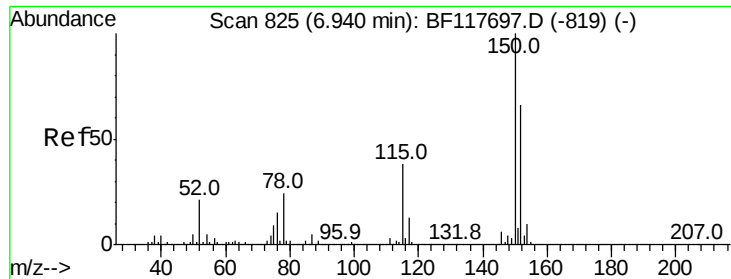
Instrument :
BNA_F
ClientSampleId :
4-C

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#1

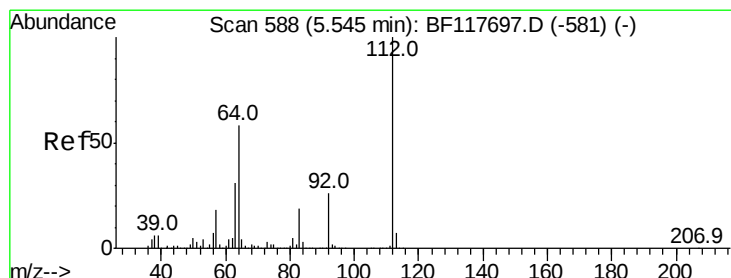
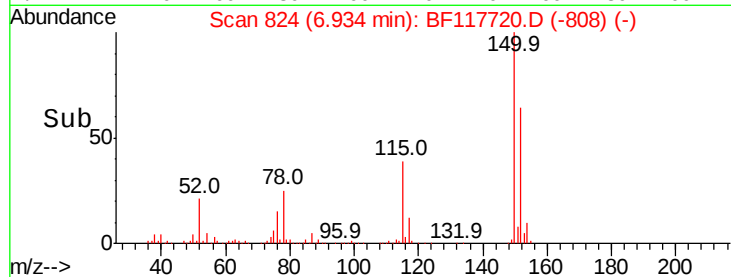
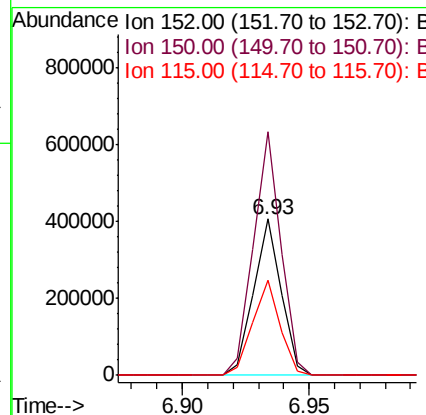
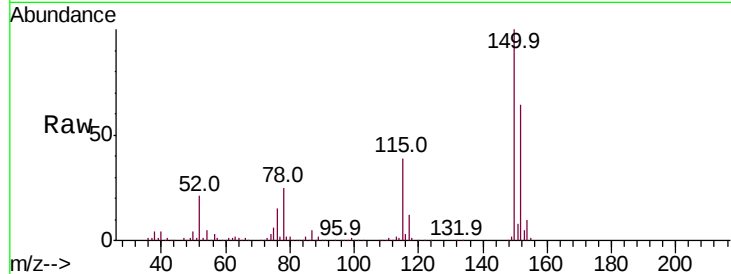
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Instrument :
BNA_F
ClientSampleId :
4-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.4	182.2
115	60.5	46.7	70.1

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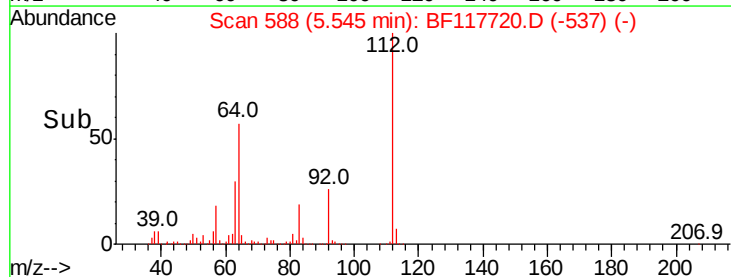
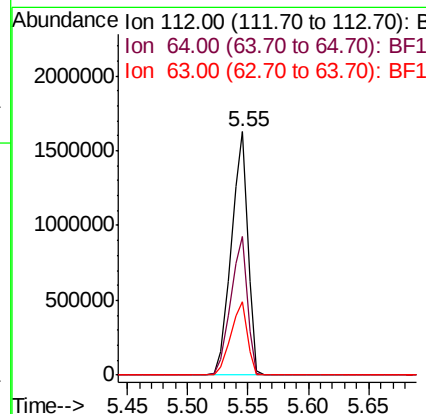
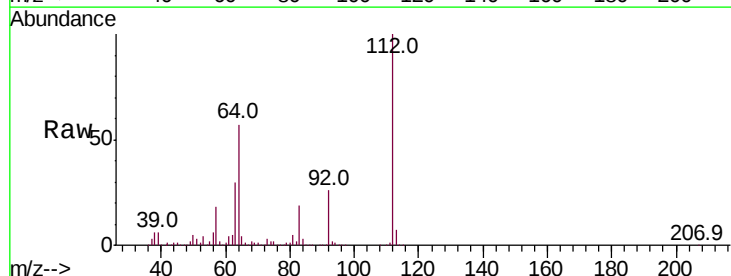
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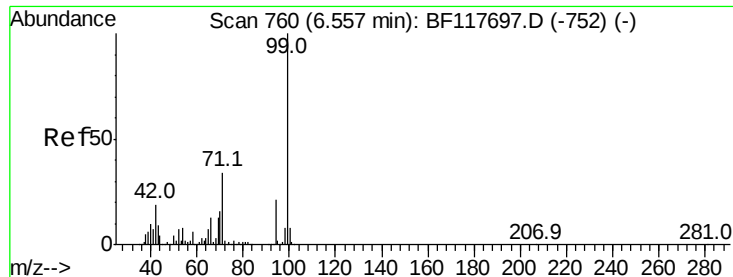


#5

2-Fluorophenol
Concen: 89.906 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.4	69.6
63	30.3	24.6	37.0





#7

Phenol-d6

Concen: 92.839 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117720.D

Acq: 7 Nov 2019 22:15

Instrument :

BNA_F

ClientSampled :

4-C

Tot Ion: 99 Resp: 1959653

Ion Ratio Lower Upper

99 100

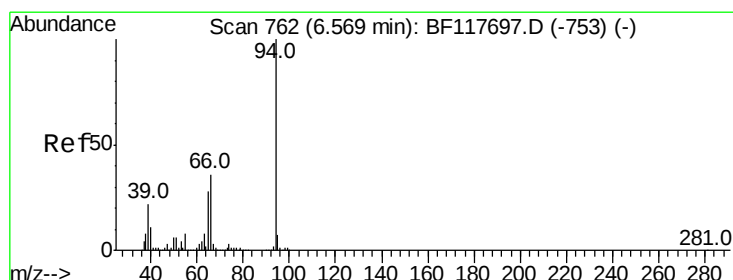
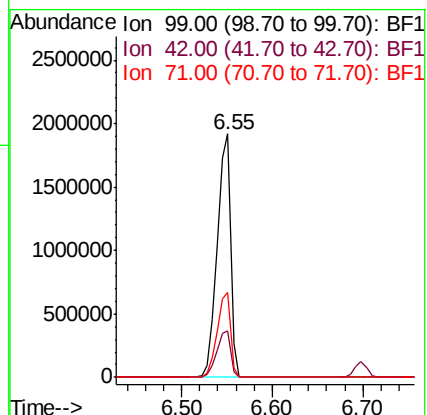
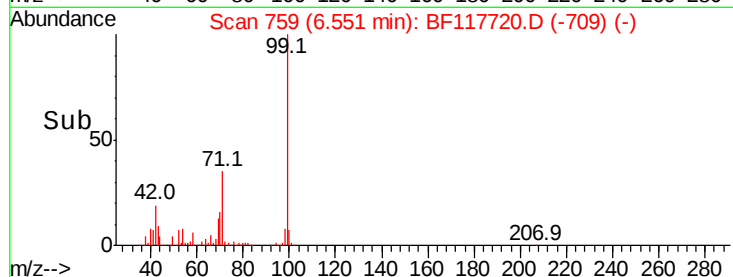
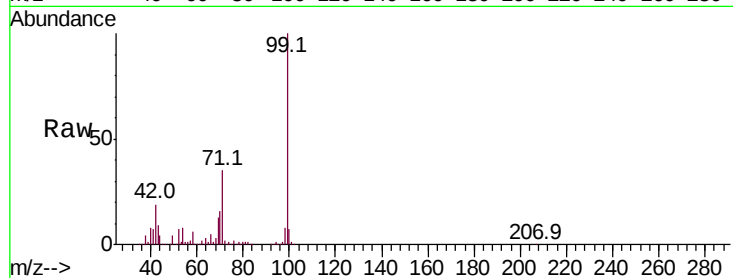
42 18.9 15.3 22.9

71 34.9 26.8 40.2

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#10

Phenol

Concen: 3.031 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117720.D

Acq: 7 Nov 2019 22:15

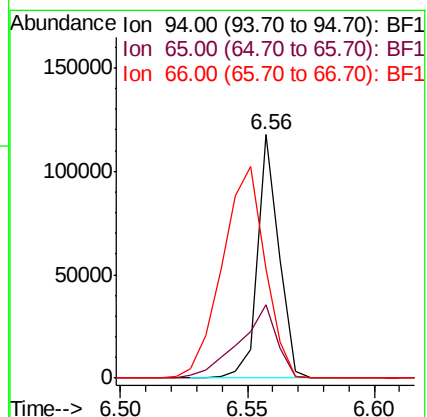
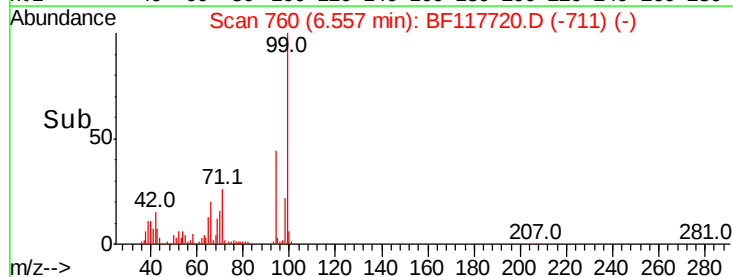
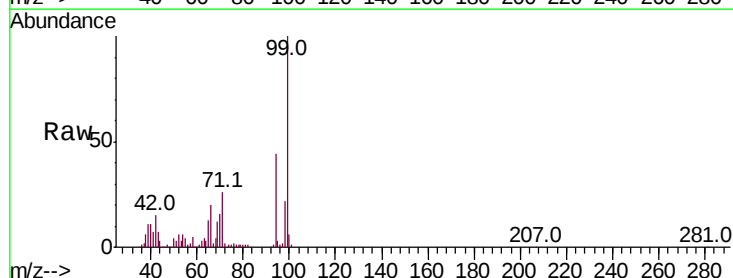
Tgt Ion: 94 Resp: 68947

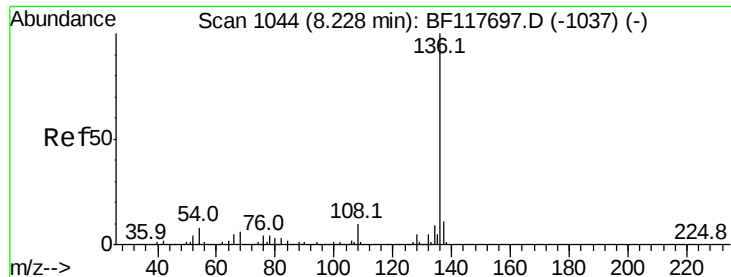
Ion Ratio Lower Upper

94 100

65 30.2 7.6 47.6

66 45.0 16.1 56.1





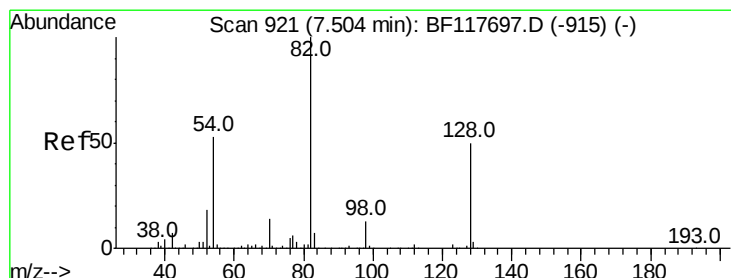
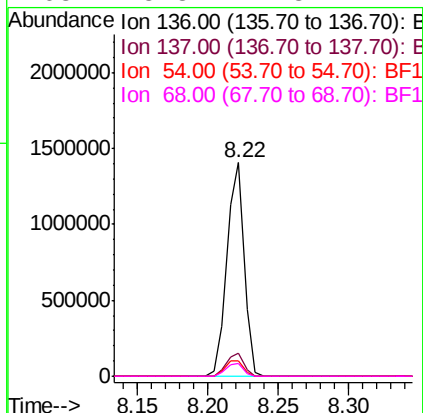
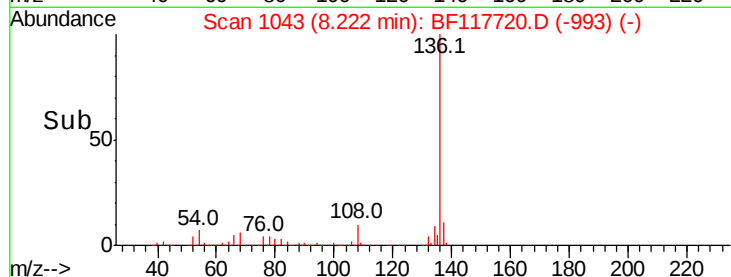
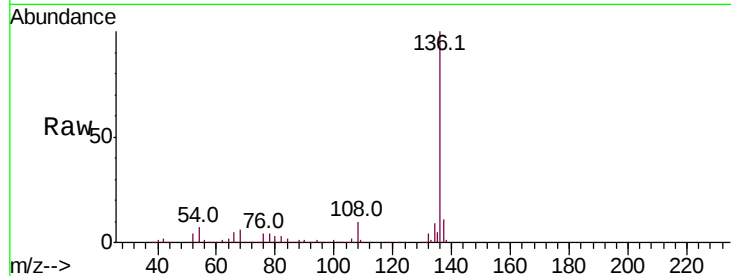
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Instrument :
BNA_F
ClientSampleId :
4-C

Tot Ion	136	Resp	1190520
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.0	9.0
68	5.8	4.8	7.2

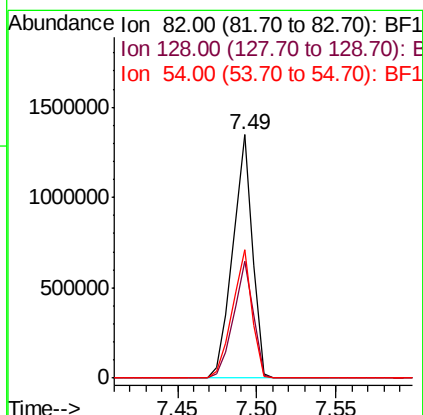
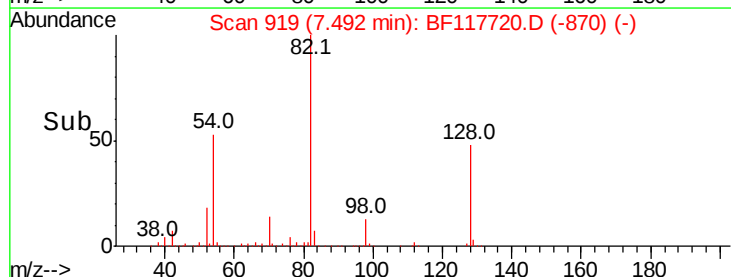
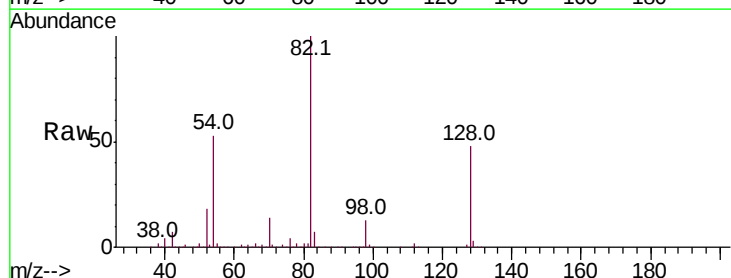
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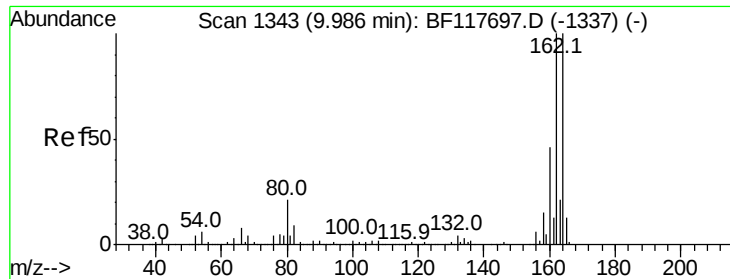
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#23
Nitrobenzene-d5
Concen: 57.846 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Tgt Ion	82	Resp	1166467
Ion	Ratio	Lower	Upper
82	100		
128	48.0	40.2	60.2
54	52.6	42.0	63.0





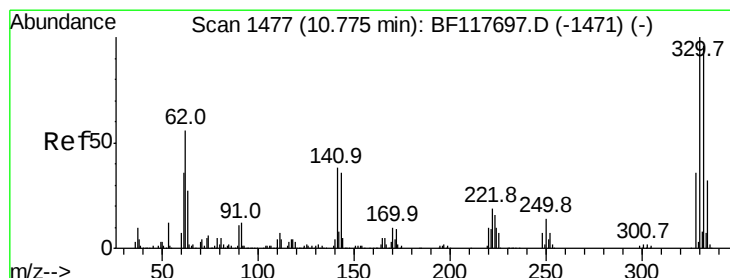
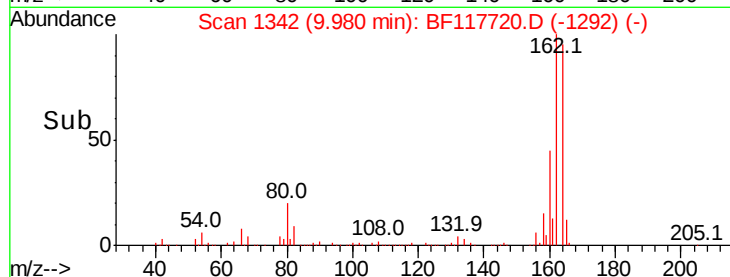
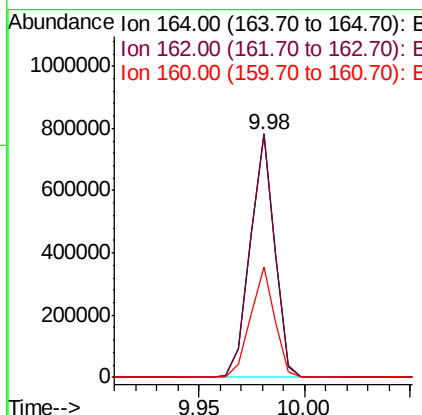
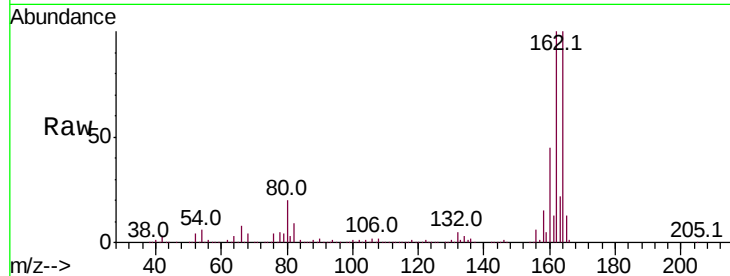
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Instrument :
BNA_F
ClientSampled :
4-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.7	119.5
160	45.2	36.5	54.7

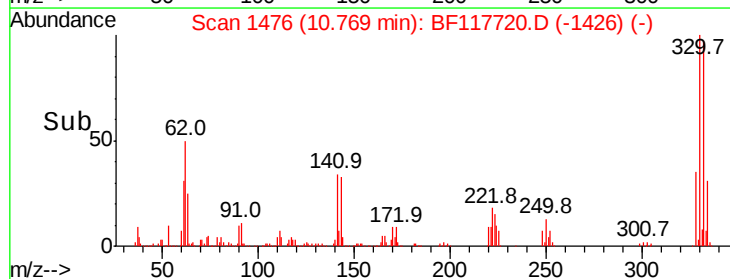
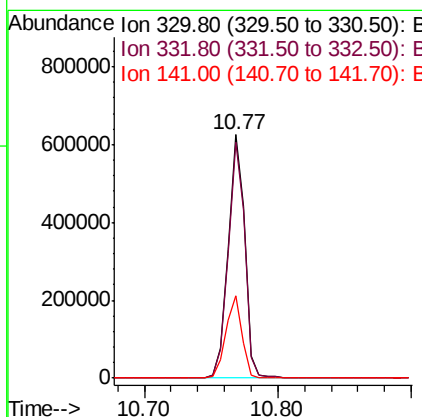
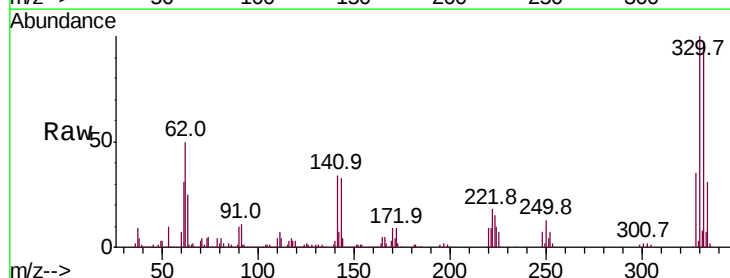
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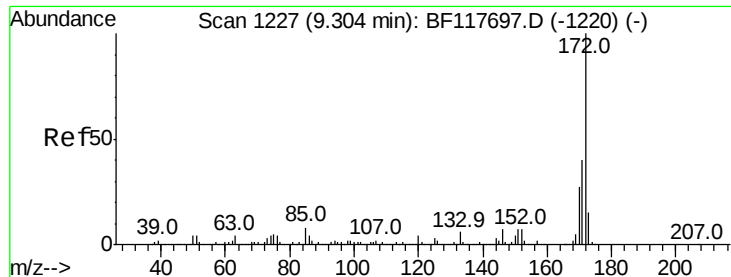
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#42
2,4,6-Tribromophenol
Concen: 89.916 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	33.5	28.0	42.0





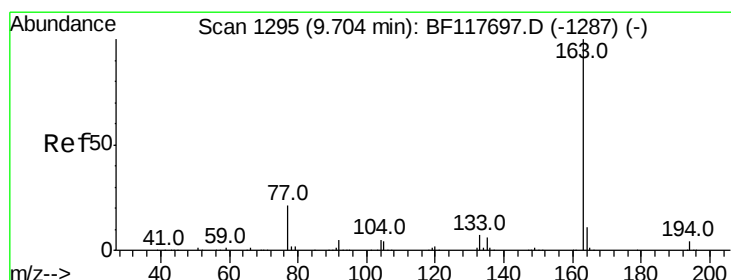
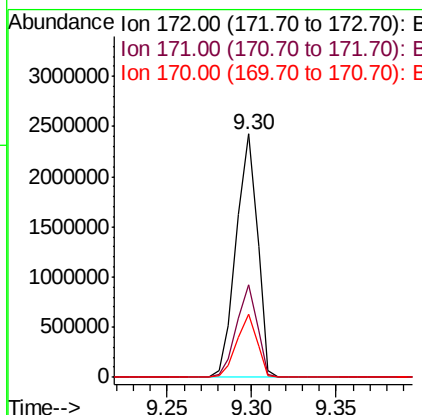
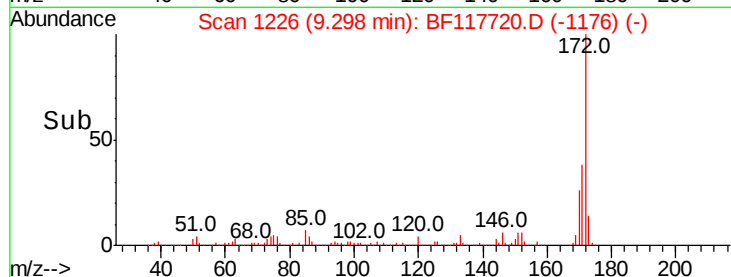
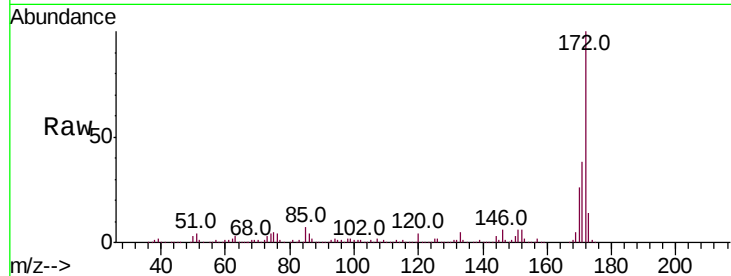
#45
2-Fluorobiphenyl
Concen: 66.981 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Instrument :
BNA_F
ClientSampled :
4-C

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.8	47.8
170	25.7	21.6	32.4

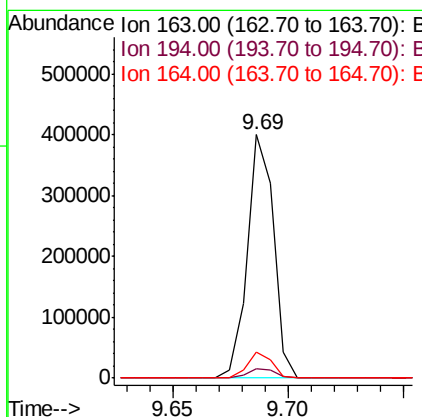
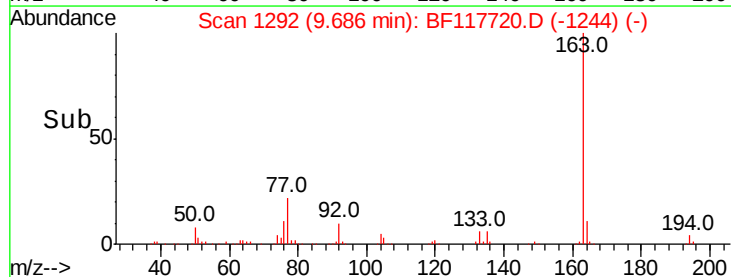
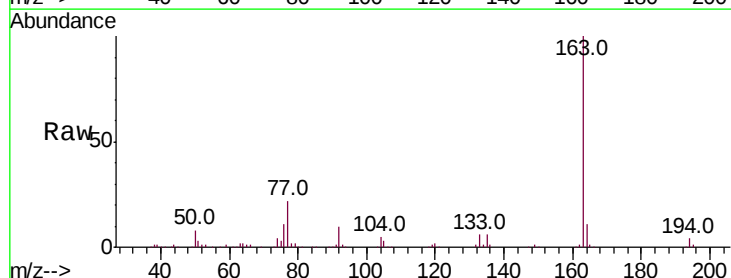
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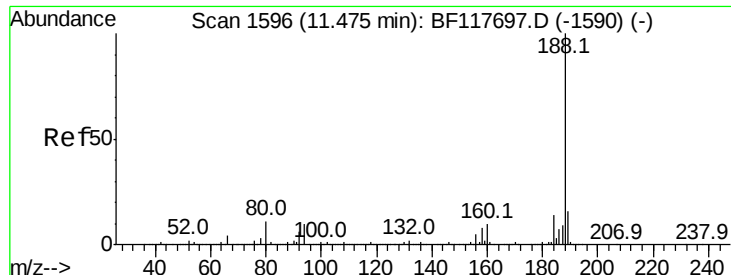
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#50
Dimethylphthalate
Concen: 7.502 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.6	8.9	13.3





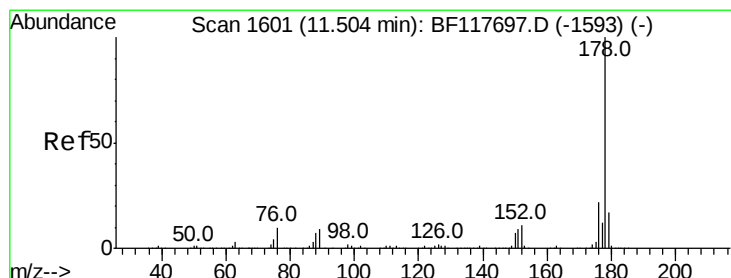
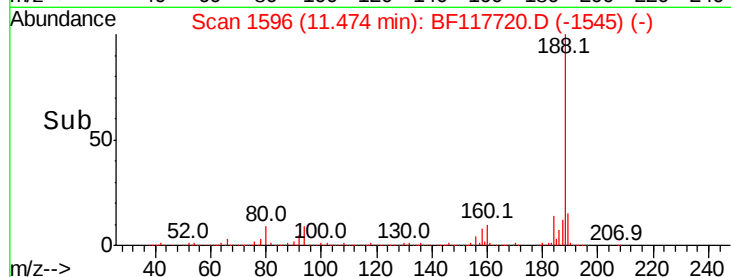
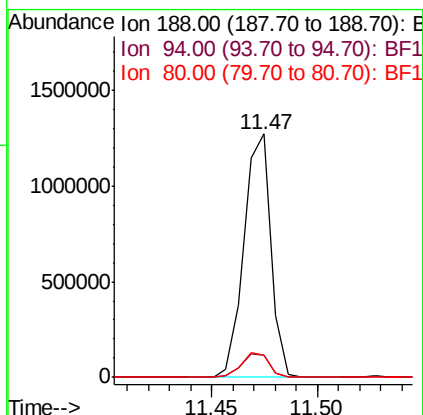
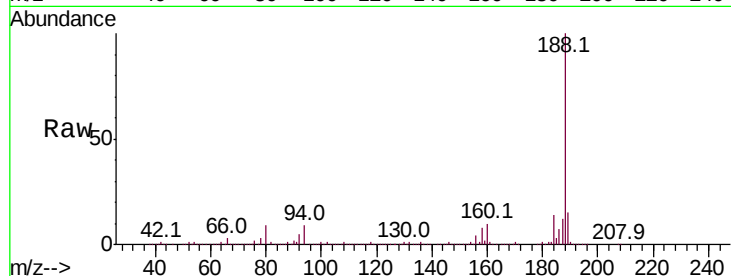
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Instrument :
BNA_F
ClientSampleId :
4-C

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.4
80	9.2	8.6	13.0

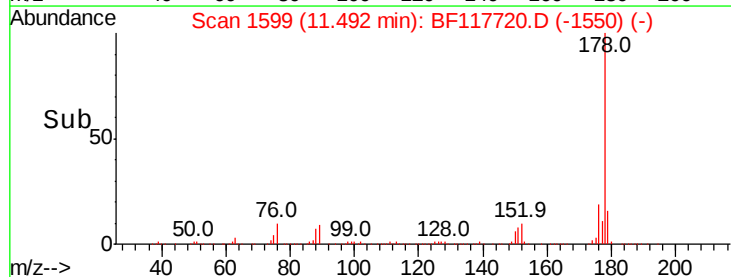
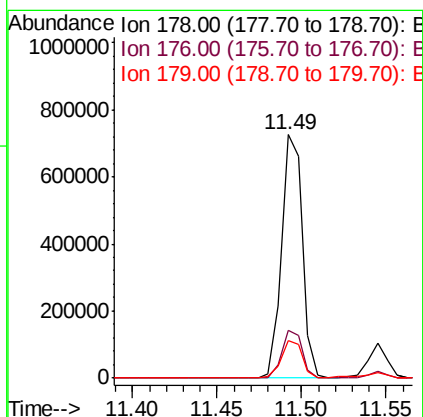
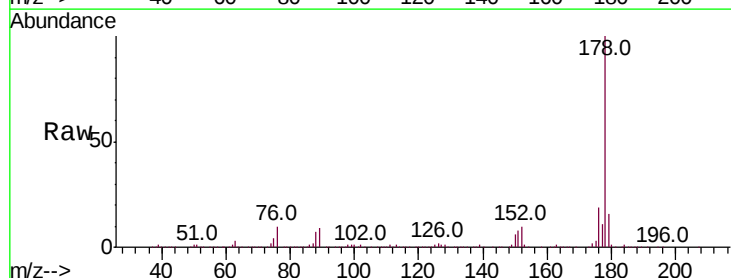
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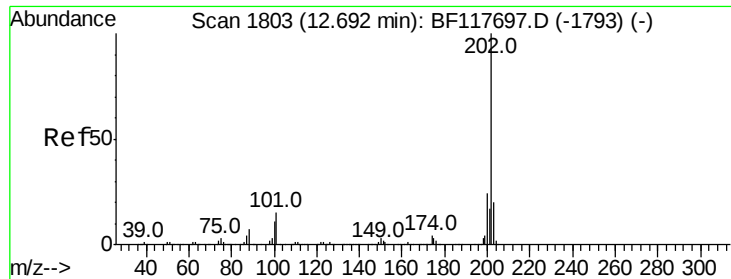
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#71
Phenanthrene
Concen: 11.536 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.7	26.5
179	15.6	13.8	20.8





#75

Fluoranthene

Concen: 8.777 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF117720.D

Acq: 7 Nov 2019 22:15

Instrument :

BNA_F

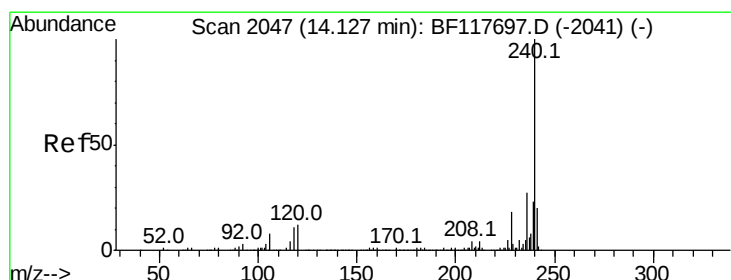
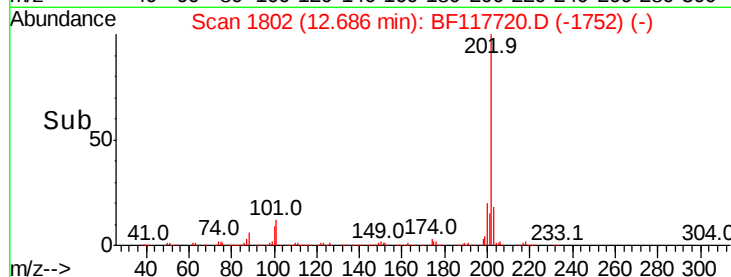
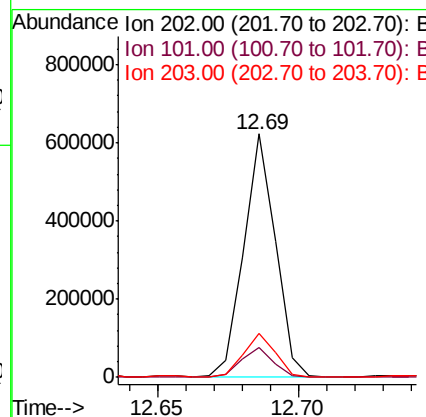
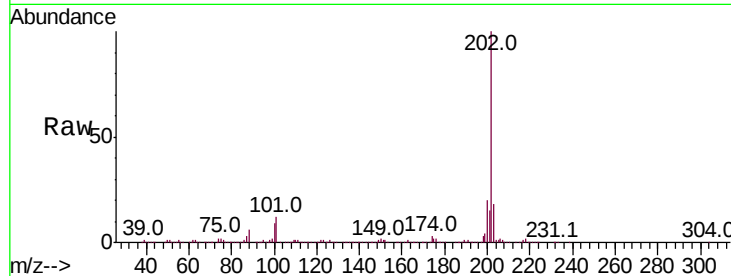
ClientSampleId :

4-C

Tot Ion:	202	Resp:	483176
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.5
203	17.8	0.0	39.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

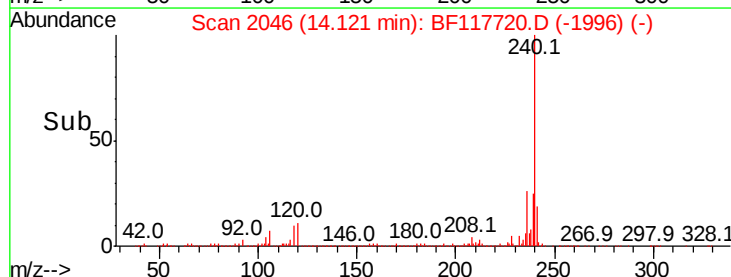
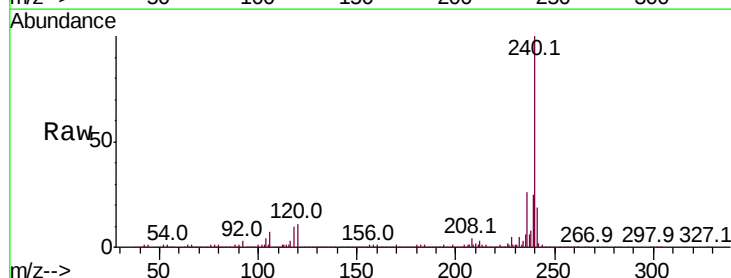
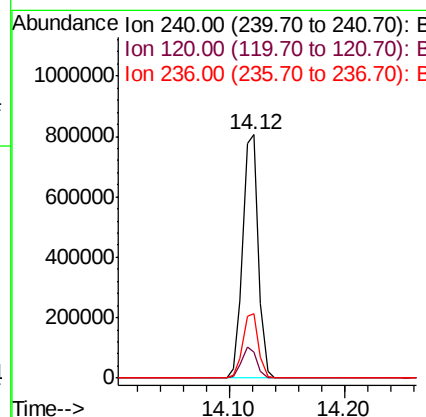
RT: 14.12 min Scan# 2046

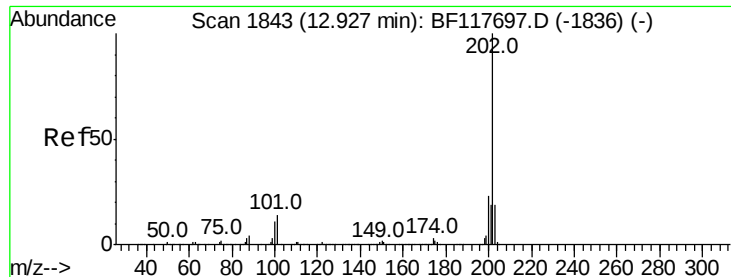
Delta R.T. -0.01 min

Lab File: BF117720.D

Acq: 7 Nov 2019 22:15

Tgt Ion:	240	Resp:	763827
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.7	14.5
236	26.5	21.9	32.9





#78

Pvrene

Concen: 13.586 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF117720.D

Acq: 7 Nov 2019 22:15

Instrument :

BNA_F

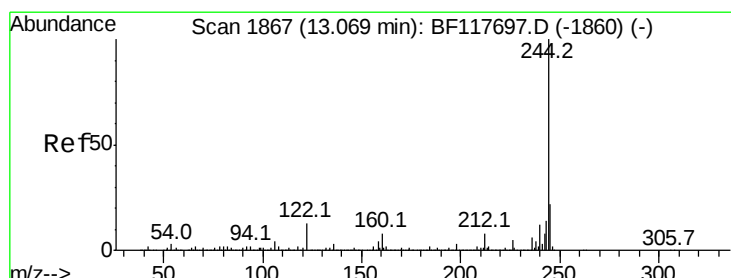
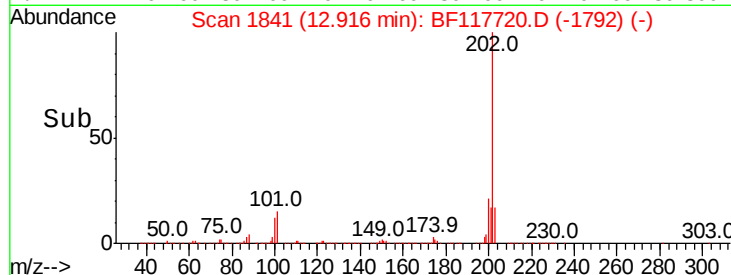
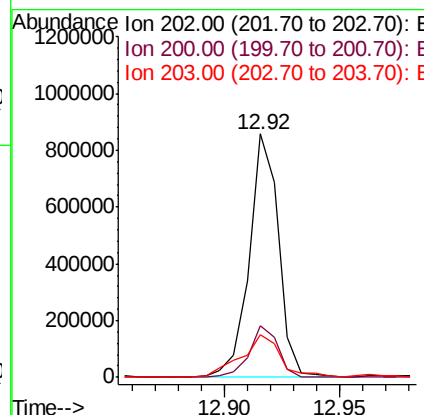
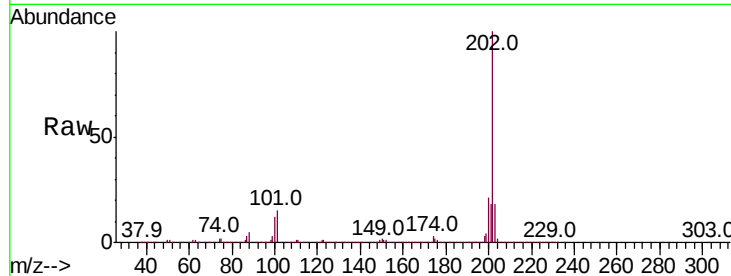
ClientSampled :

4-C

Tot Ion:	202	Resp:	757558
Ion Ratio	Lower	Upper	
202	100		
200	21.4	18.8	28.2
203	17.7	15.2	22.8

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#79

Terphenyl-d14

Concen: 58.267 ng

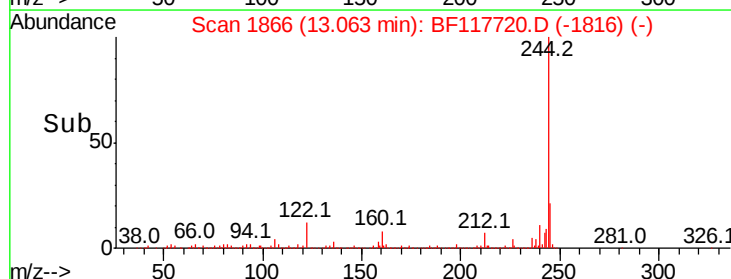
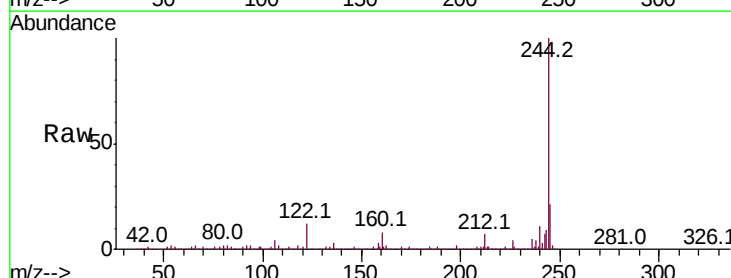
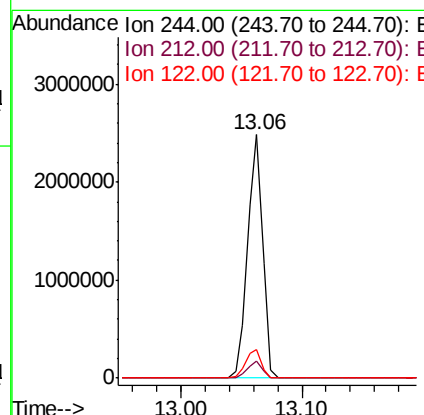
RT: 13.06 min Scan# 1866

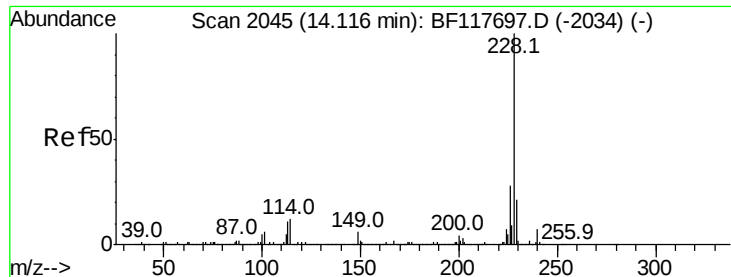
Delta R.T. -0.01 min

Lab File: BF117720.D

Acq: 7 Nov 2019 22:15

Tgt Ion:	244	Resp:	2161949
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.4	9.6
122	11.9	10.0	15.0





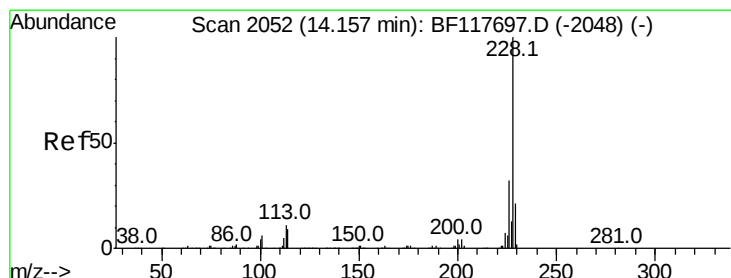
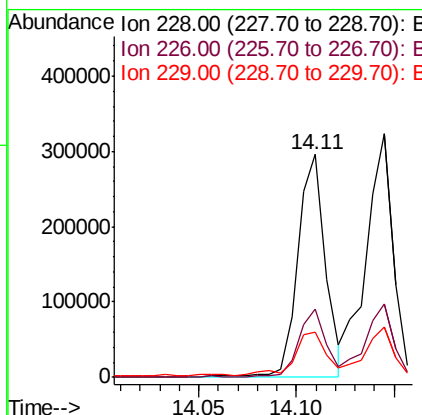
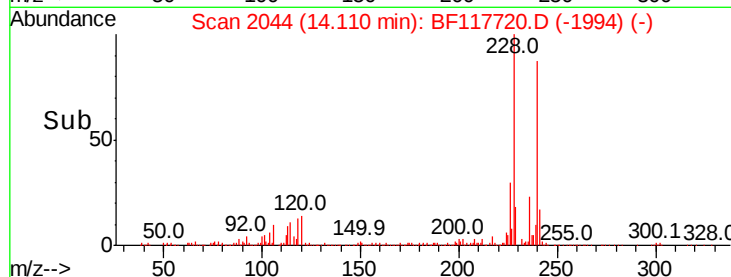
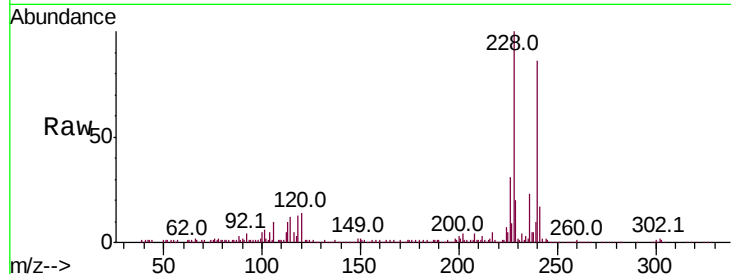
#81
Benzo(a)anthracene
Concen: 6.022 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Instrument :
BNA_F
ClientSampled :
4-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.8	34.2
229	20.2	16.9	25.3

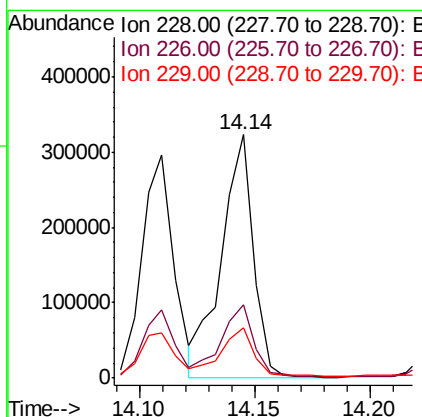
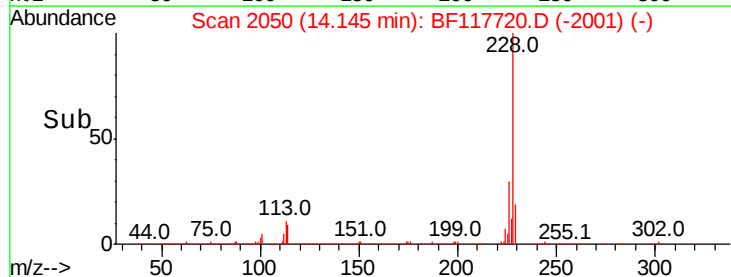
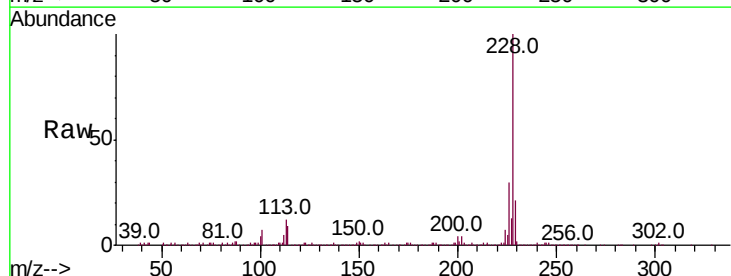
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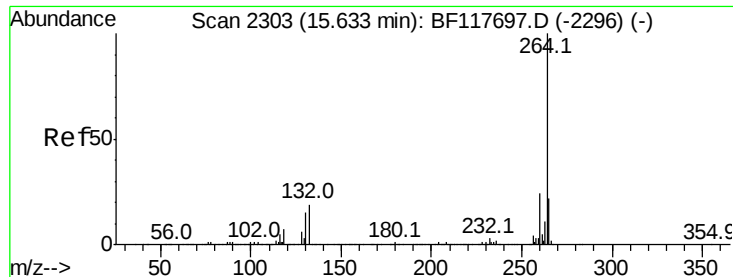
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#83
Chrysene
Concen: 6.618 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	20.6	16.6	24.8





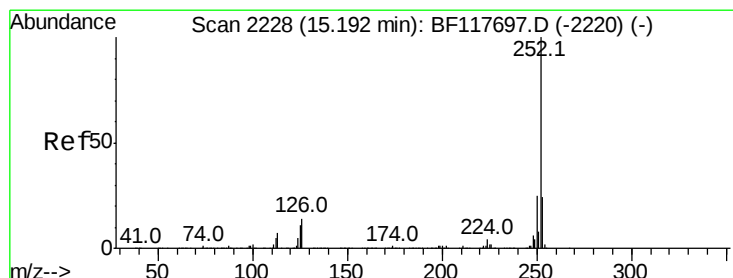
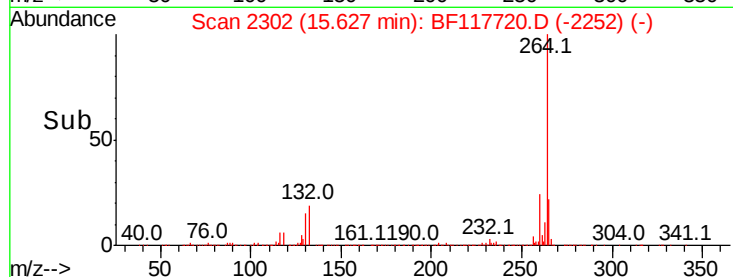
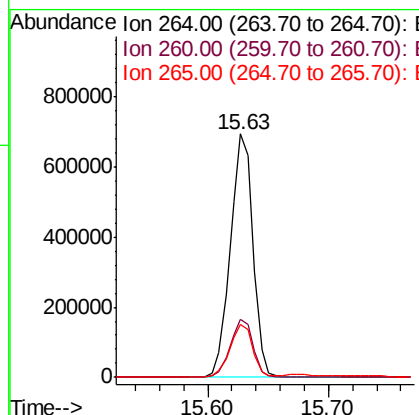
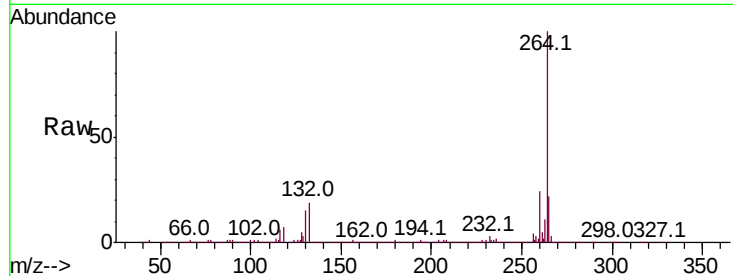
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Instrument :
BNA_F
ClientSampleId :
4-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.0	17.7	26.5

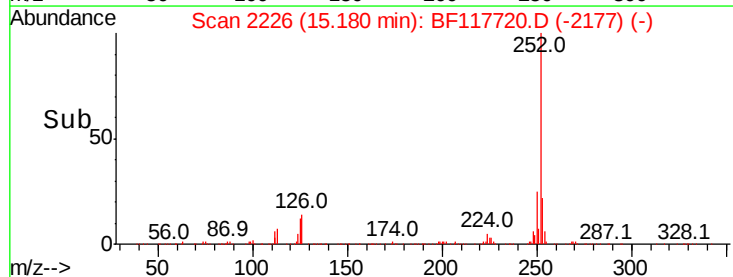
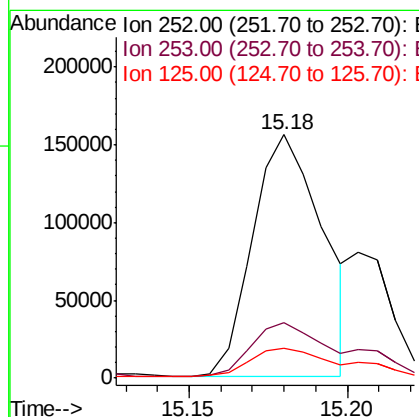
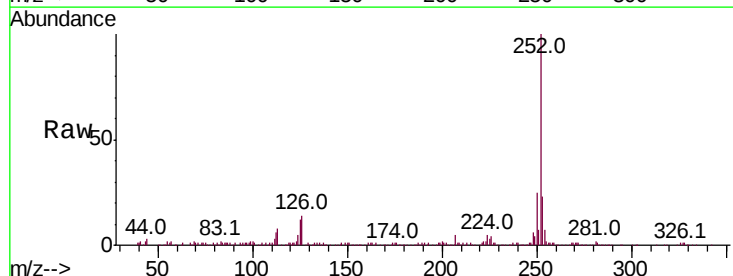
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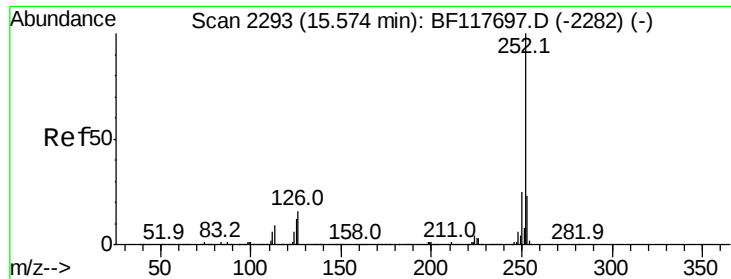
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#88
Benzo(b)fluoranthene
Concen: 4.228 ng m
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	12.2	8.5	12.7





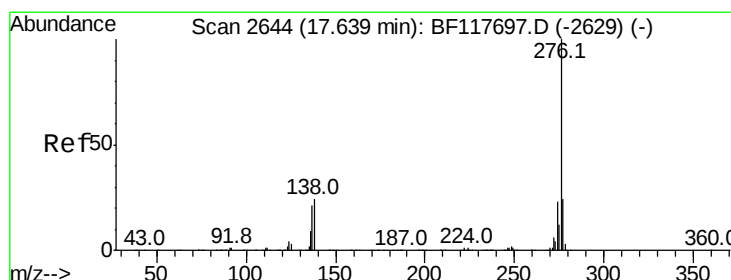
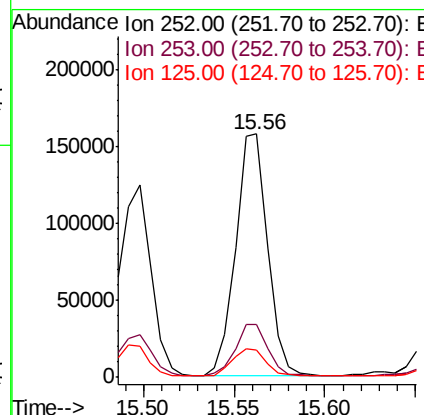
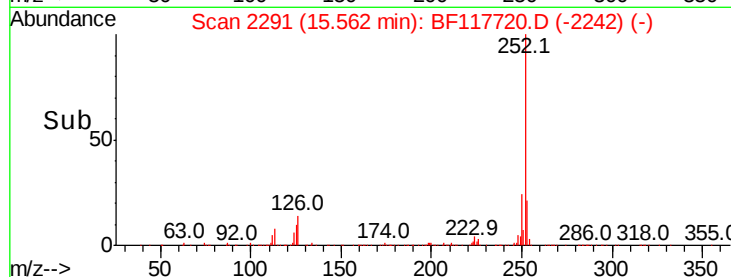
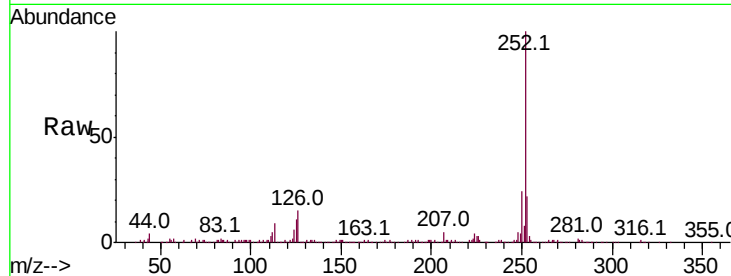
#90
Benzo(a)pyrene
Concen: 3.940 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Instrument :
BNA_F
ClientSampleId :
4-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.3	9.5	14.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.193 ng
RT: 17.62 min Scan# 2640
Delta R.T. -0.02 min
Lab File: BF117720.D
Acq: 7 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.4	29.0
138	25.1	19.2	28.8

