

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117724.D
 Acq On : 8 Nov 2019 00:02
 Operator : JU
 Sample : K5722-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-A

Manual Integrations
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Quant Time: Nov 08 03:03:46 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	296432	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1147283	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	596450	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1017647	20.00	ng	0.00
76) Chrysene-d12	14.12	240	695737	20.00	ng	0.00
87) Perylene-d12	15.63	264	843594	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1461257	89.23	ng	0.00
7) Phenol-d6	6.55	99	1863112	92.27	ng	-0.01
23) Nitrobenzene-d5	7.49	82	1111633	57.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	498339	85.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2094015	69.27	ng	0.00
79) Terphenyl-d14	13.06	244	1978107	58.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	65055	2.990	ng	95
50) Dimethylphthalate	9.69	163	244357	6.060	ng	98
71) Phenanthrene	11.49	178	300389	6.158	ng	95
75) Fluoranthene	12.69	202	412005	8.272	ng	96
78) Pyrene	12.92	202	425595	8.380	ng	97
81) Benzo(a)anthracene	14.11	228	187290	4.325	ng	96
83) Chrysene	14.14	228	226928	5.306	ng	96
86) Indeno(1,2,3-cd)pyrene	17.16	276	109073	2.740	ng	94
88) Benzo(b)fluoranthene	15.18	252	285697m	5.377	ng	
90) Benzo(a)pyrene	15.56	252	161700	3.511	ng	96
92) Benzo(g,h,i)perylene	17.62	276	98471	2.460	ng	96

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

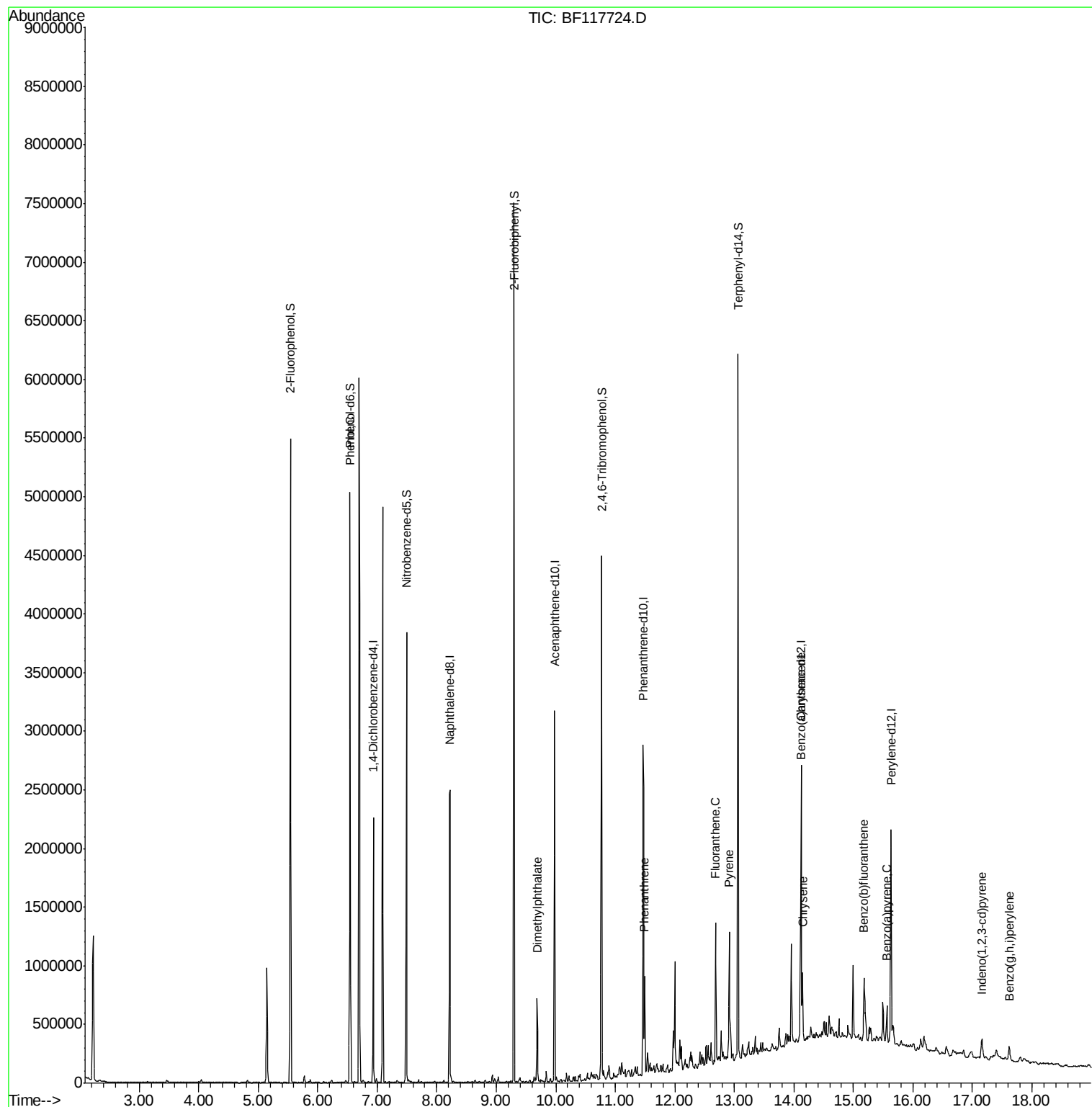
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117724.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

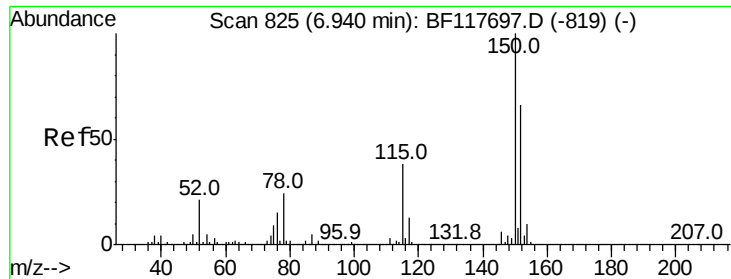
Instrument :
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6-A

Quant Time: Nov 08 03:03:46 2019
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QLast Update : Wed Nov 06 17:27:10 2019
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#1

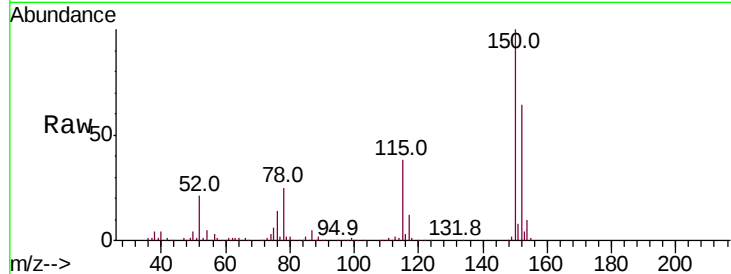
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	121.4	182.2
115	60.2	46.7	70.1

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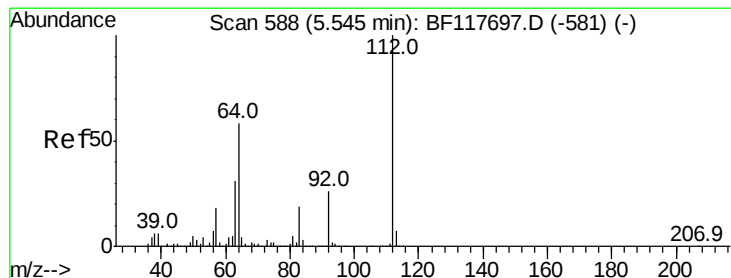
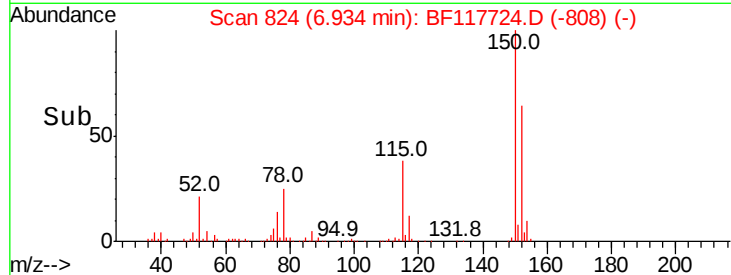
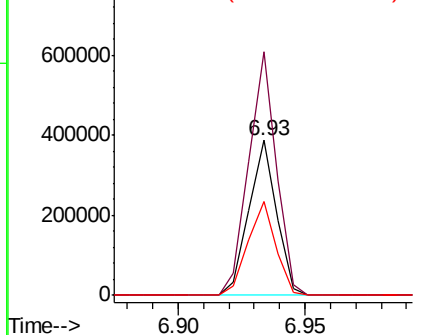


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

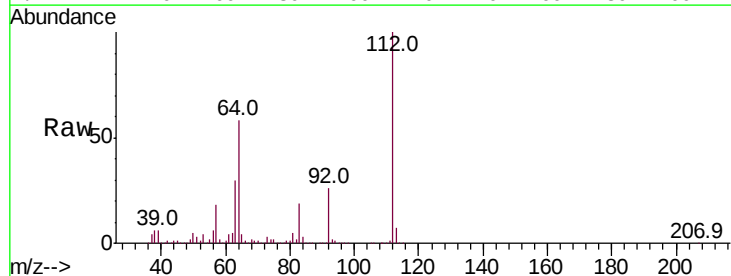
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.231 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.4	69.6
63	30.3	24.6	37.0

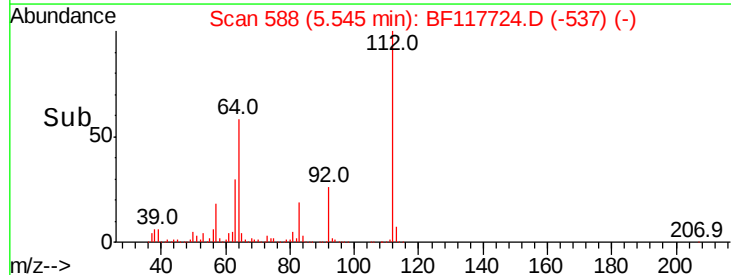
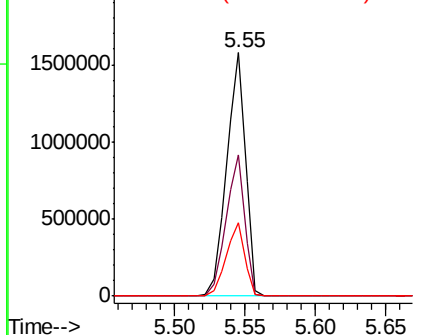


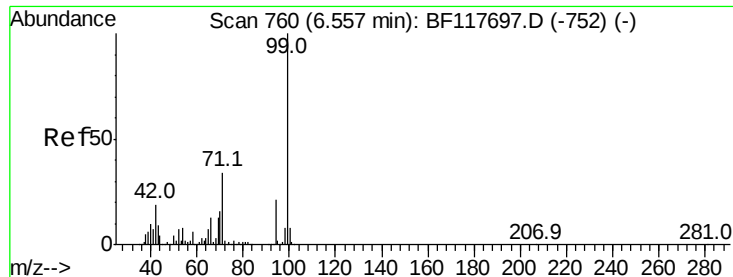
Abundance

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: 92.269 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117724.D

Acq: 8 Nov 2019 00:02

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1863112

Ion Ratio Lower Upper

99 100

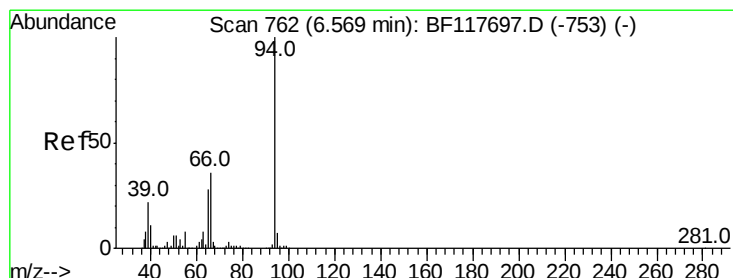
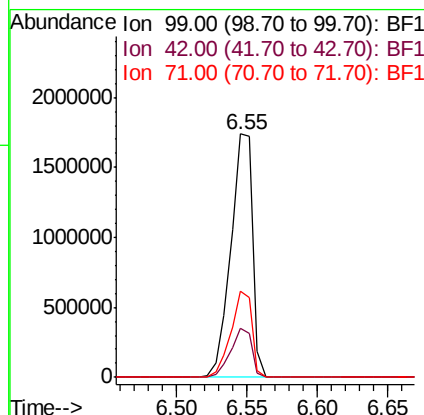
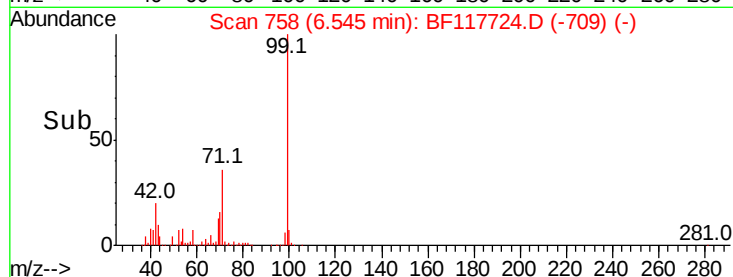
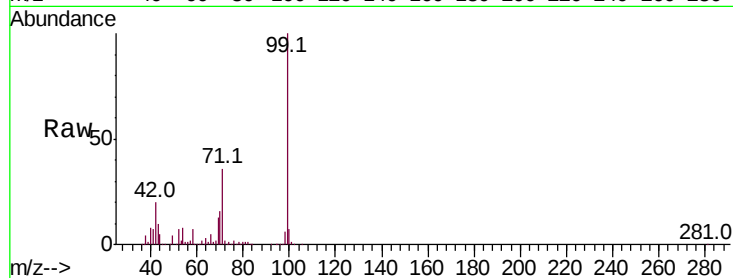
42 20.2 15.3 22.9

71 35.5 26.8 40.2

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#10

Phenol

Concen: 2.990 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117724.D

Acq: 8 Nov 2019 00:02

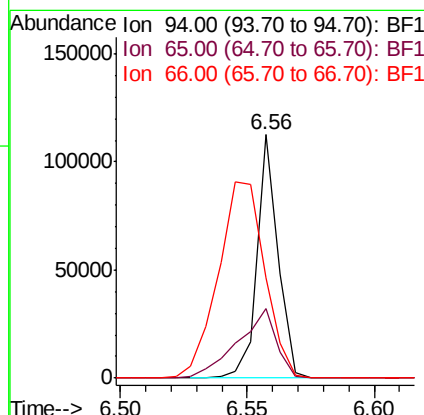
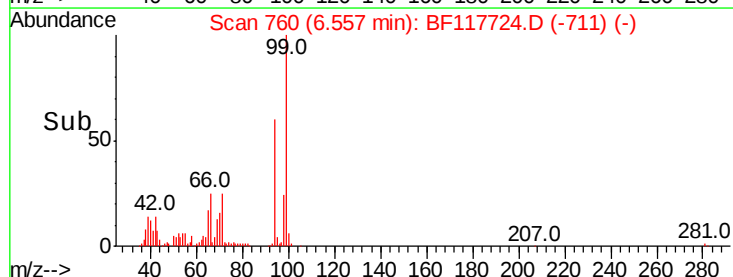
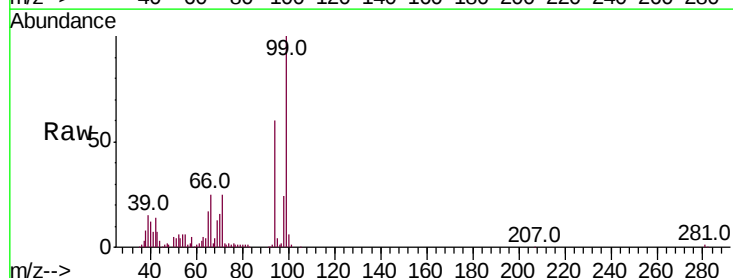
Tgt Ion: 94 Resp: 65055

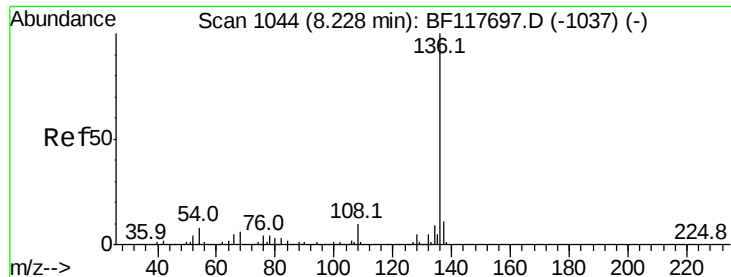
Ion Ratio Lower Upper

94 100

65 28.4 7.6 47.6

66 41.0 16.1 56.1





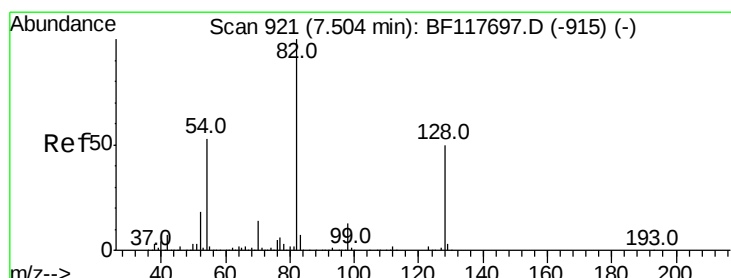
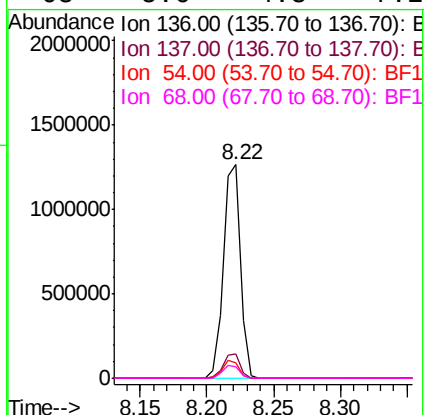
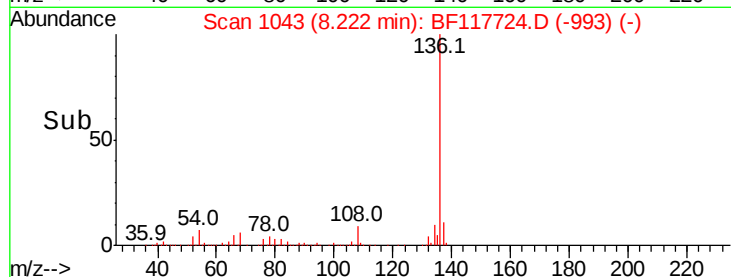
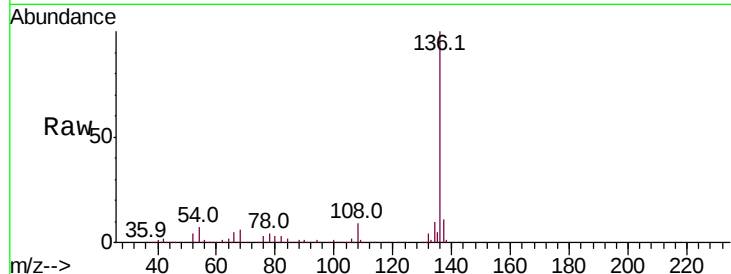
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :
6-A

Tot Ion	136	Resp	1147283
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.1	6.0	9.0
68	5.6	4.8	7.2

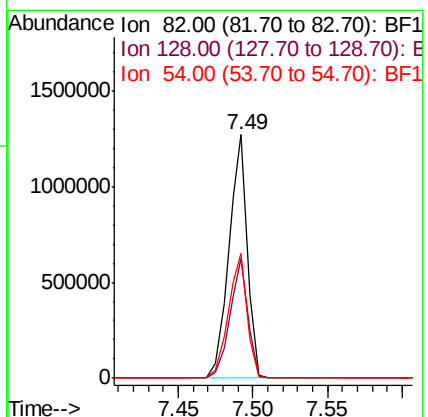
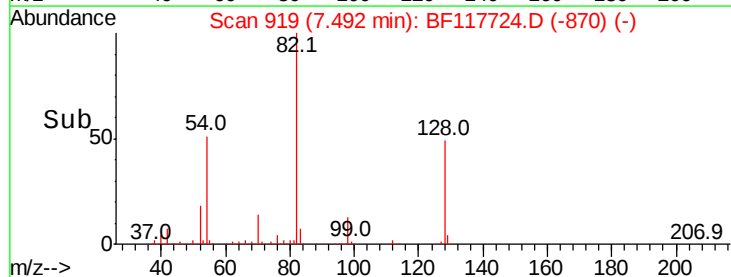
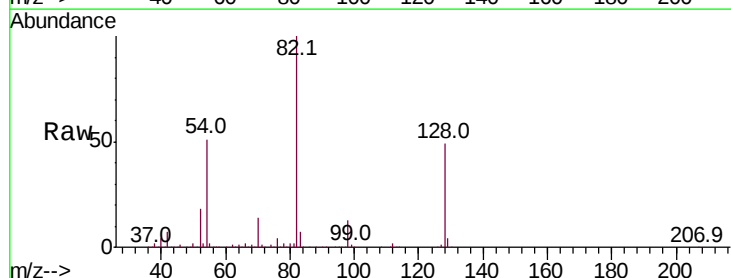
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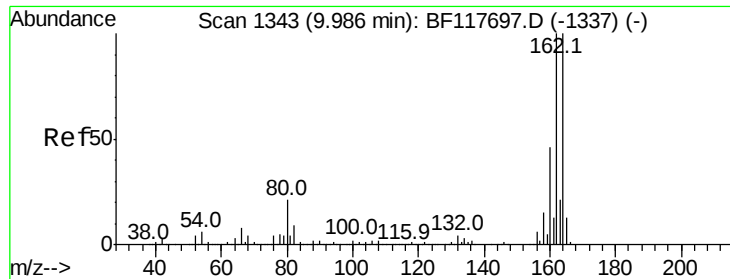
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#23
Nitrobenzene-d5
Concen: 57.204 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Tgt Ion	82	Resp	1111633
Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.2	60.2
54	51.2	42.0	63.0





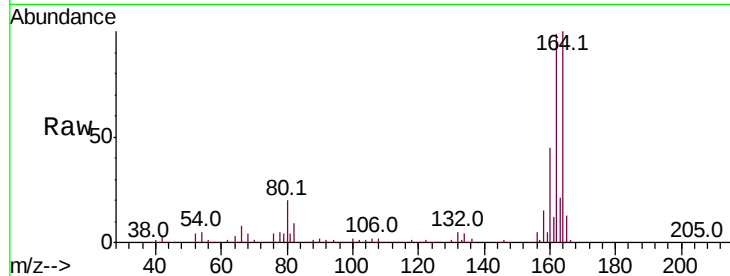
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Instrument :
BNA_F
ClientSampled :
6-A

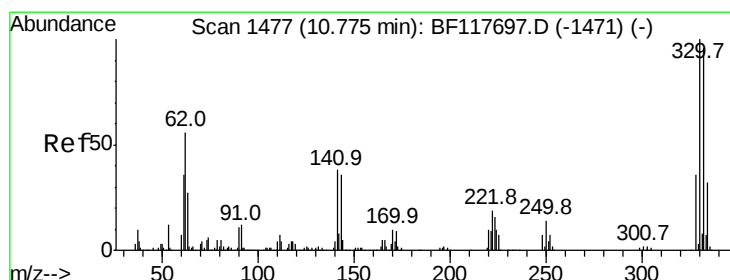
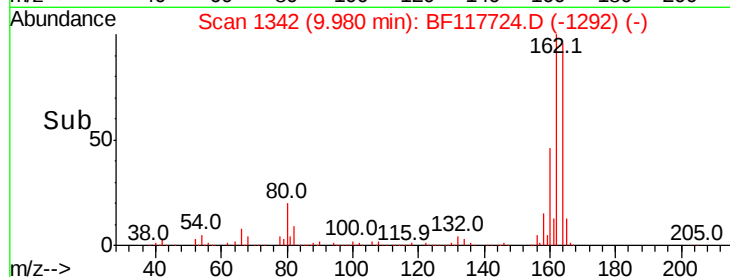
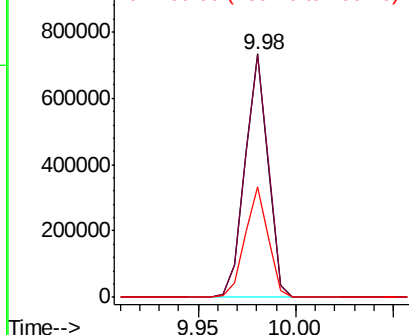
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.7	119.5
160	45.2	36.5	54.7

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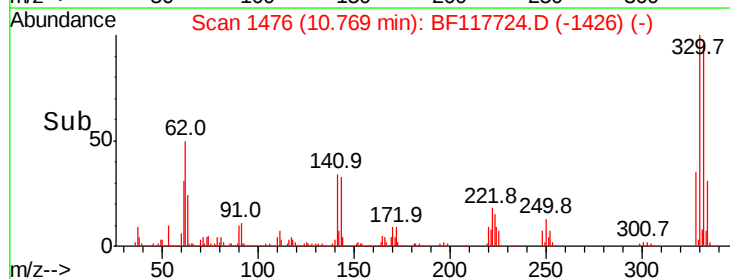
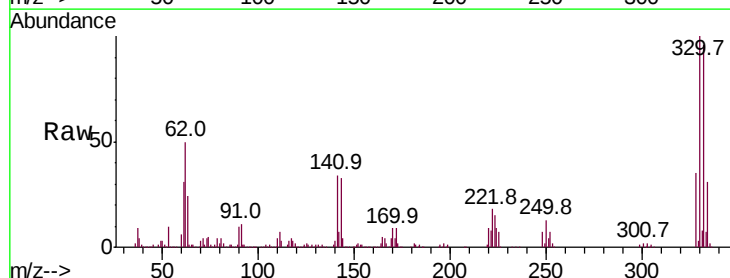
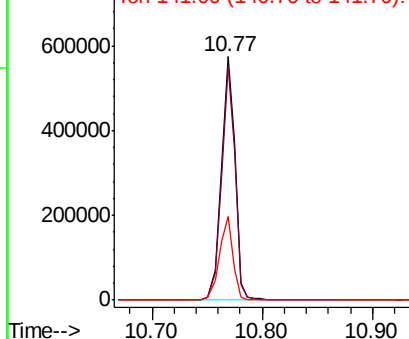
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

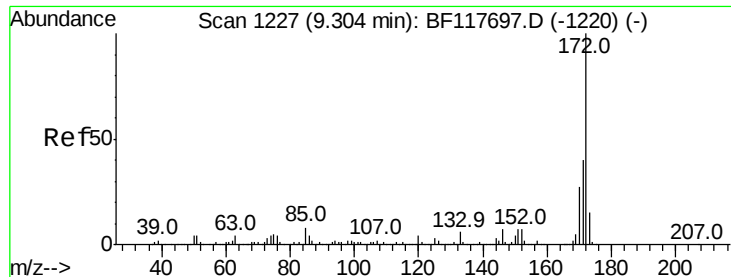


#42
2,4,6-Tribromophenol
Concen: 85.410 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.4	116.0
141	33.3	28.0	42.0

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





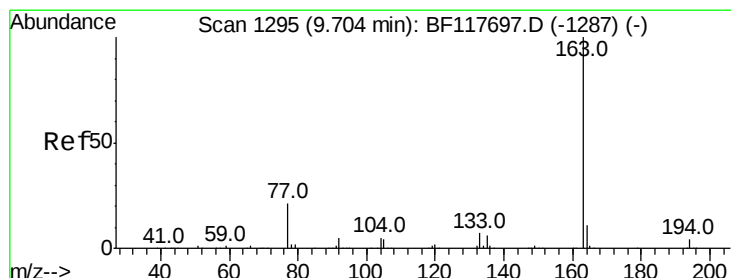
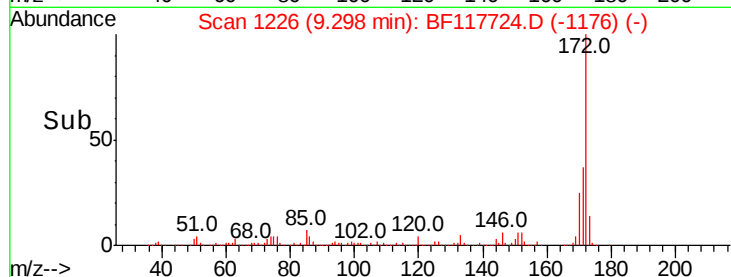
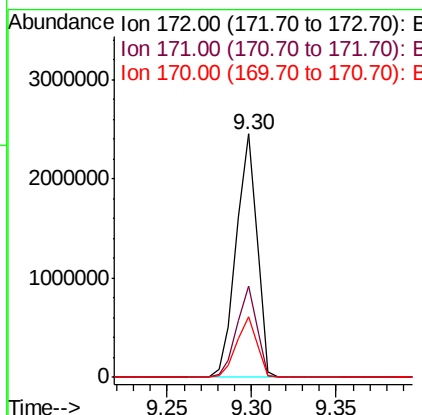
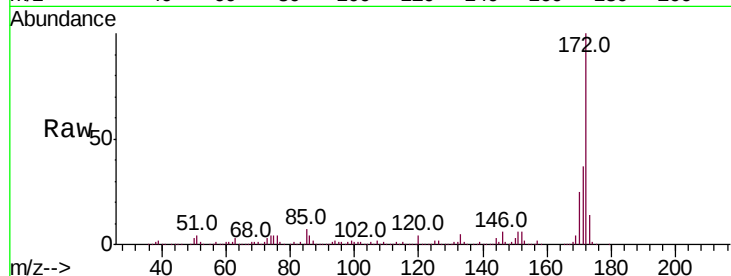
#45
 2-Fluorobiphenyl
 Concen: 69.269 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117724.D
 Acq: 8 Nov 2019 00:02

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.8	47.8
170	25.0	21.6	32.4

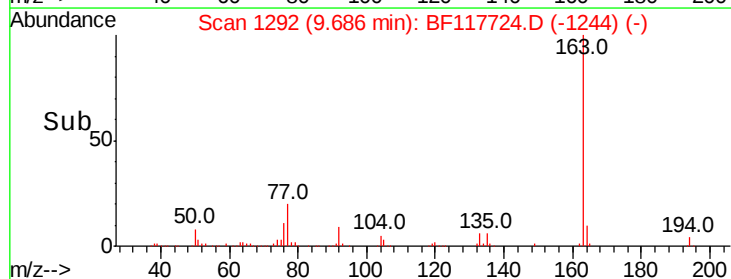
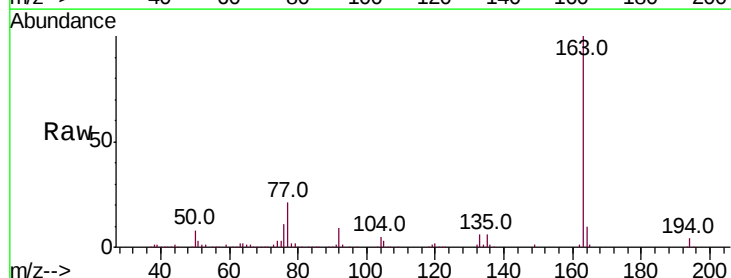
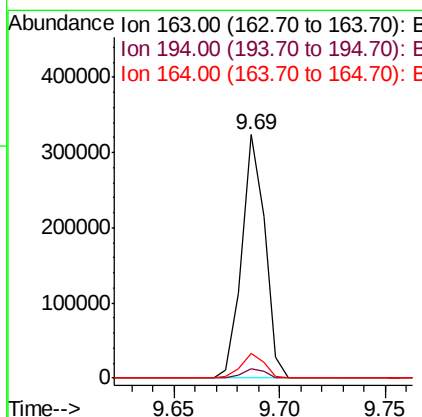
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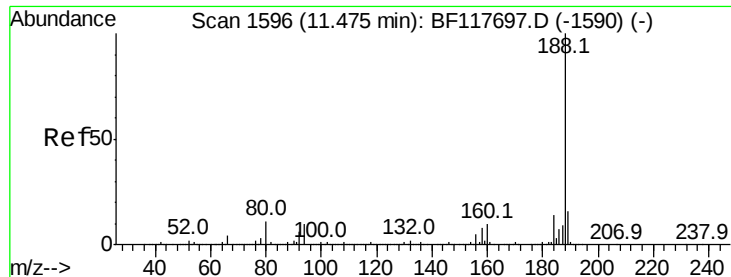
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#50
 Dimethylphthalate
 Concen: 6.060 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF117724.D
 Acq: 8 Nov 2019 00:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.2	8.9	13.3





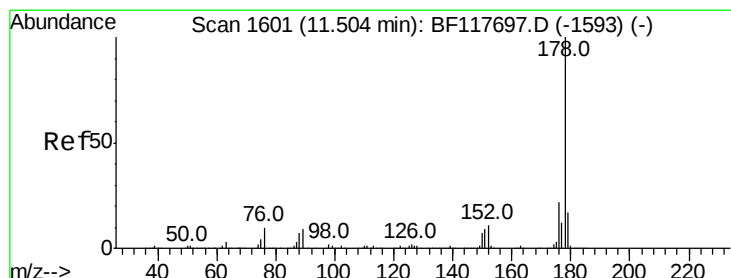
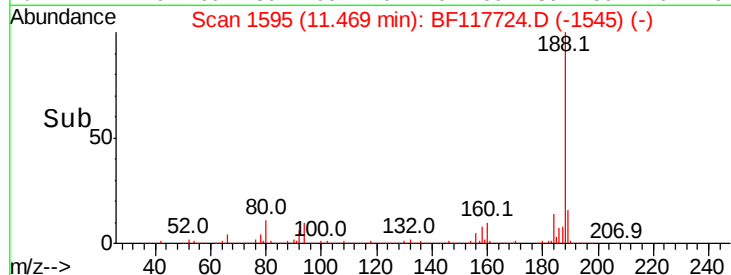
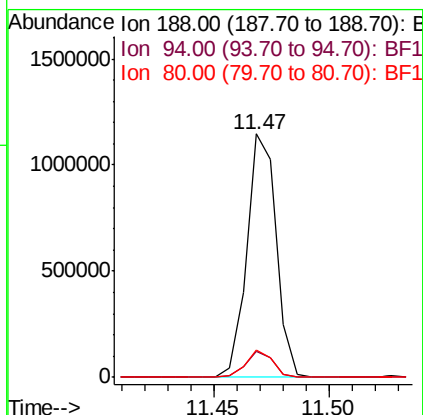
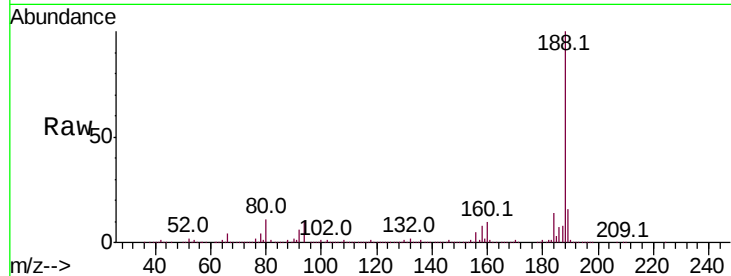
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.4
80	11.4	8.6	13.0

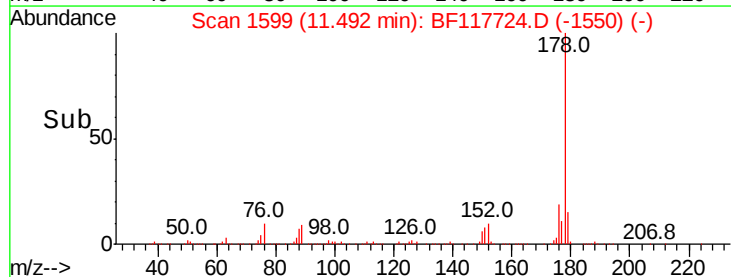
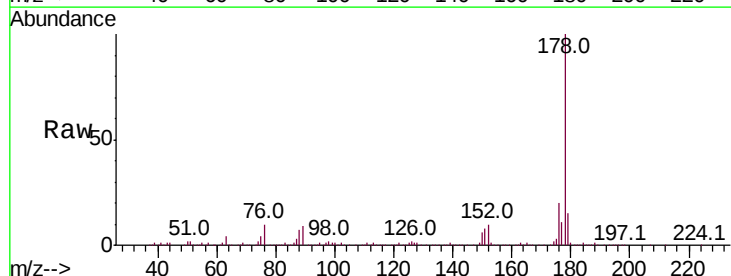
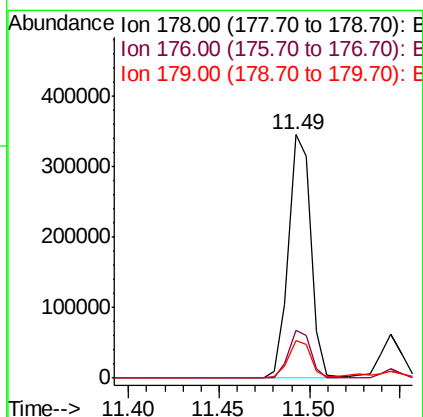
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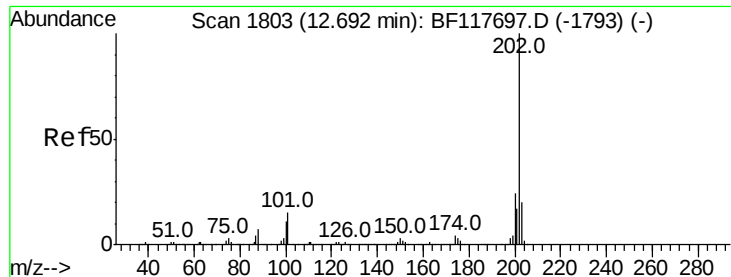
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#71
Phenanthrene
Concen: 6.158 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.7	26.5
179	15.4	13.8	20.8





#75

Fluoranthene

Concen: 8.272 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF117724.D

Acq: 8 Nov 2019 00:02

Instrument :

BNA_F

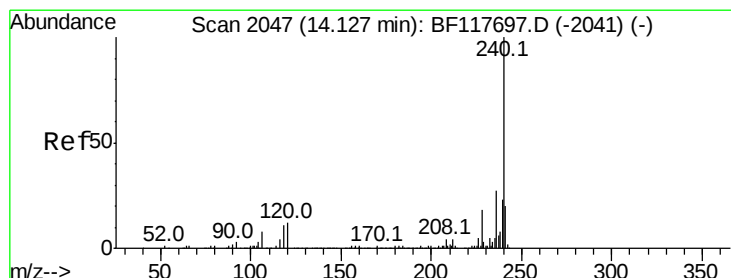
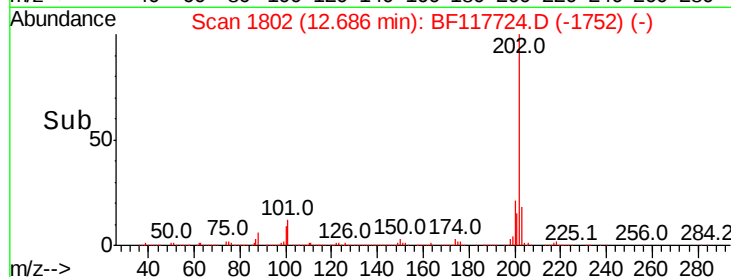
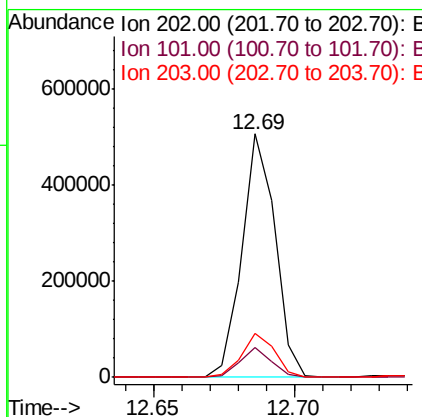
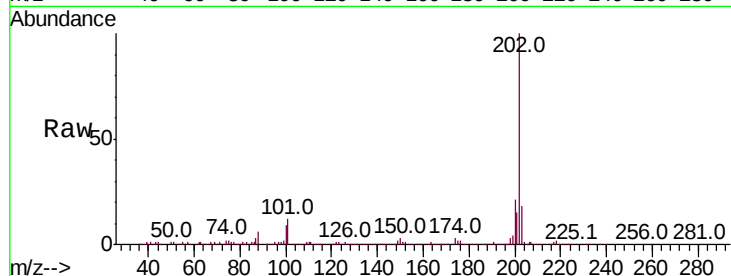
ClientSampleId :

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Tot Ion:	202	Resp:	412005
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.5
203	18.3	0.0	39.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

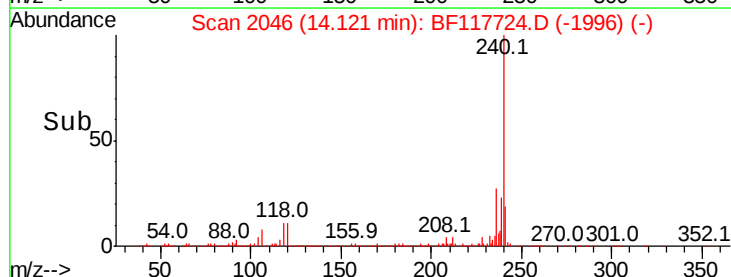
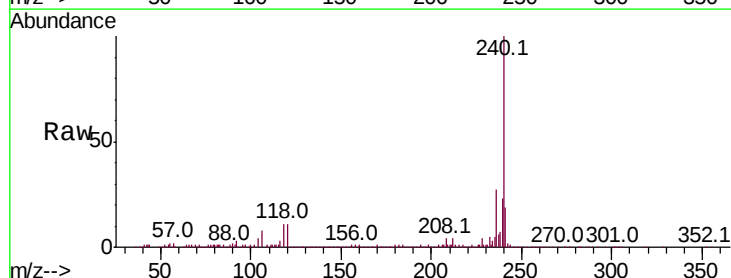
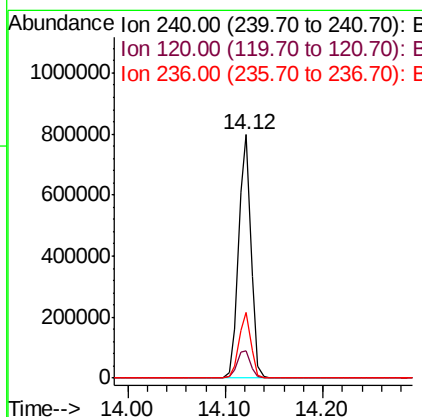
RT: 14.12 min Scan# 2046

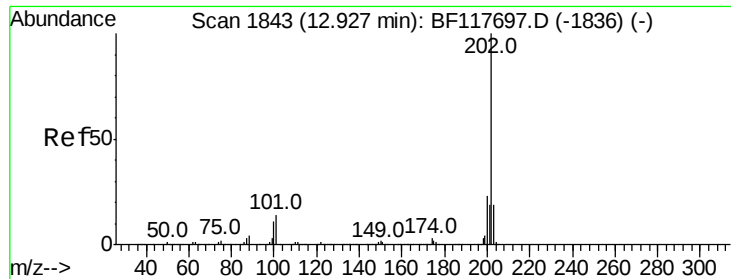
Delta R.T. -0.01 min

Lab File: BF117724.D

Acq: 8 Nov 2019 00:02

Tgt Ion:	240	Resp:	695737
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.7	14.5
236	26.9	21.9	32.9





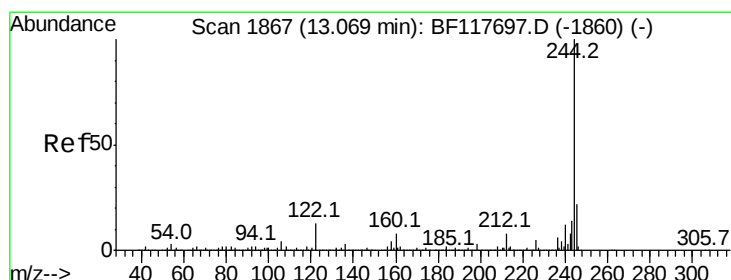
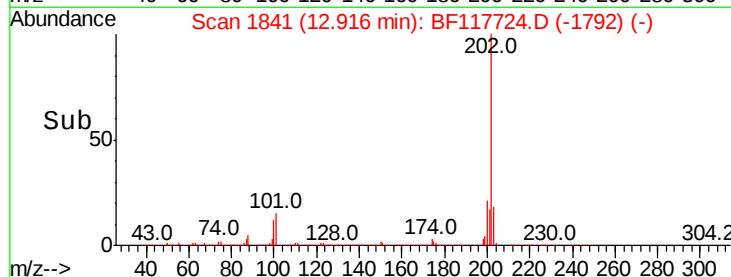
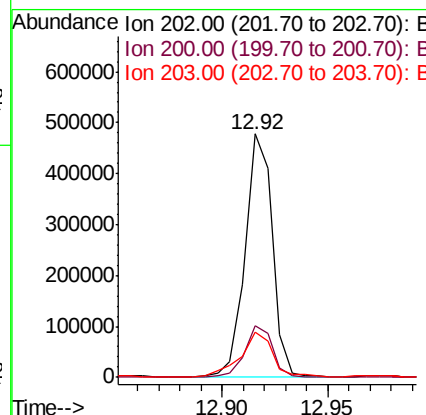
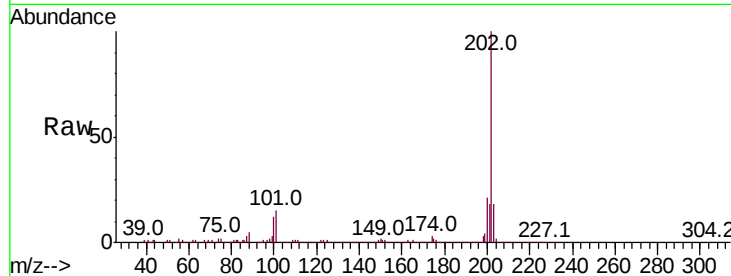
#78
Pvrene
Concen: 8.380 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :
6-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.8	28.2
203	18.4	15.2	22.8

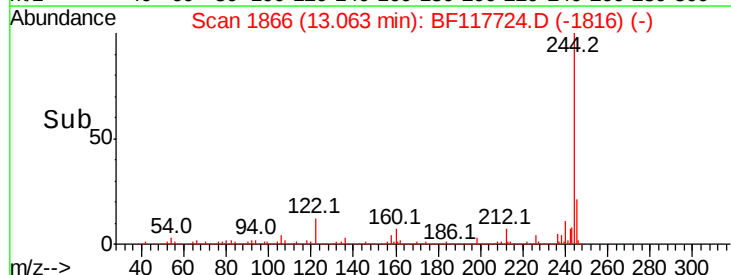
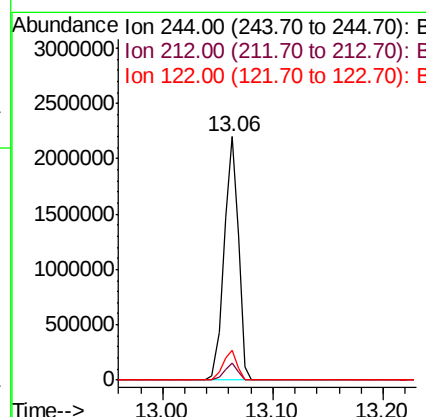
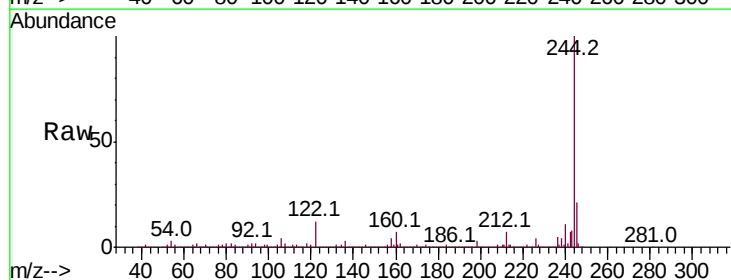
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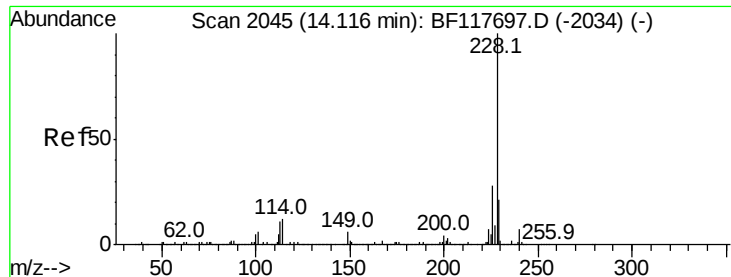
Sohil
11/8/2019 3:31:48 PM



#79
Terphenyl-d14
Concen: 58.529 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	12.2	10.0	15.0





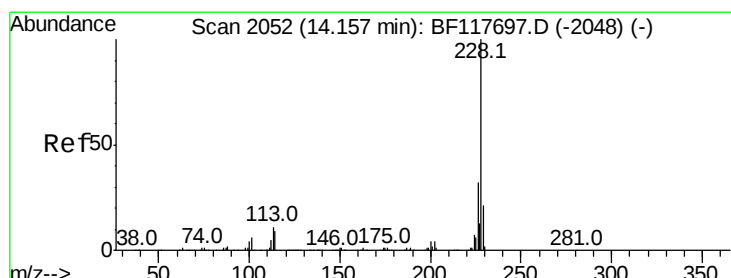
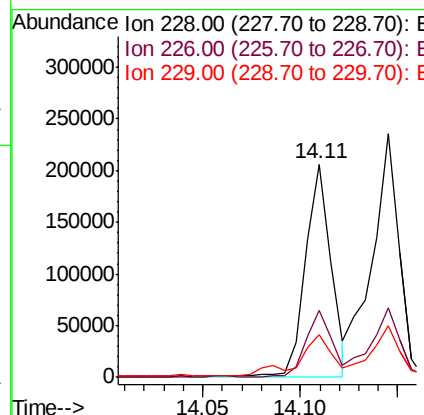
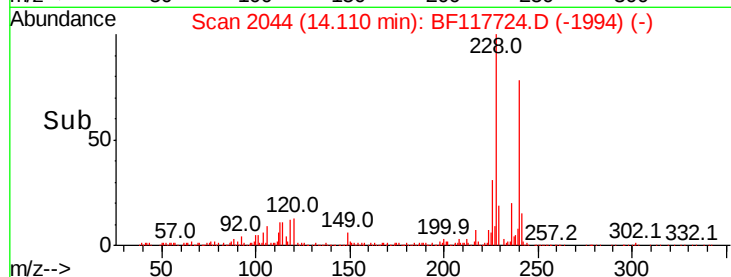
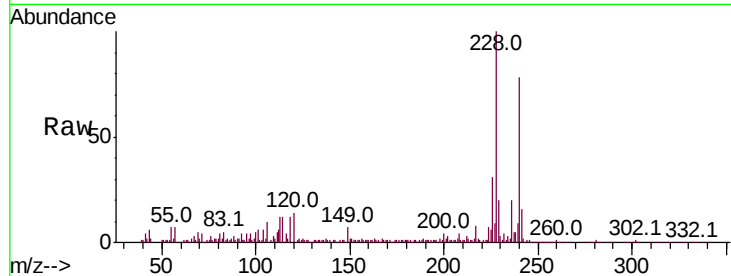
#81
Benzo(a)anthracene
Concen: 4.325 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :
6-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.8	34.2
229	20.1	16.9	25.3

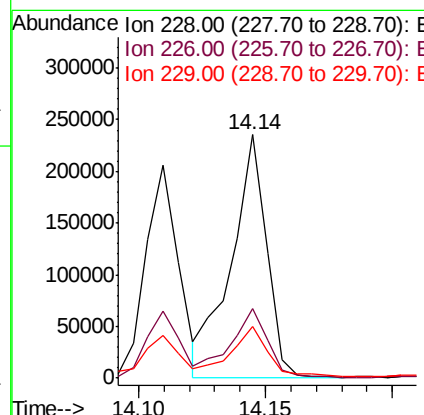
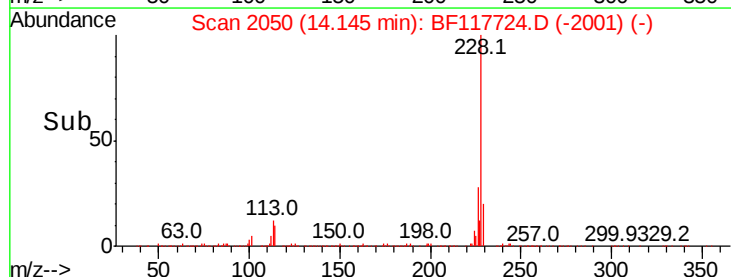
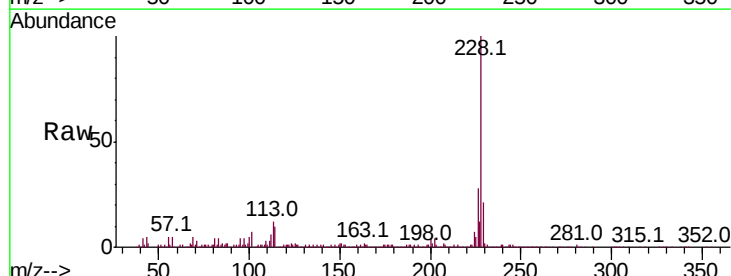
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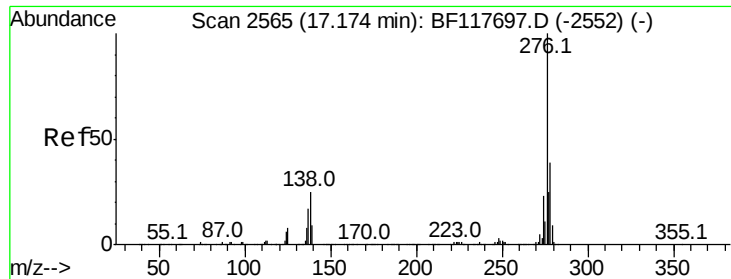
Sohil
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#83
Chrysene
Concen: 5.306 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.4	38.2
229	21.1	16.6	24.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.740 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.02 min

Lab File: BF117724.D

Acq: 8 Nov 2019 00:02

Instrument :

BNA_F

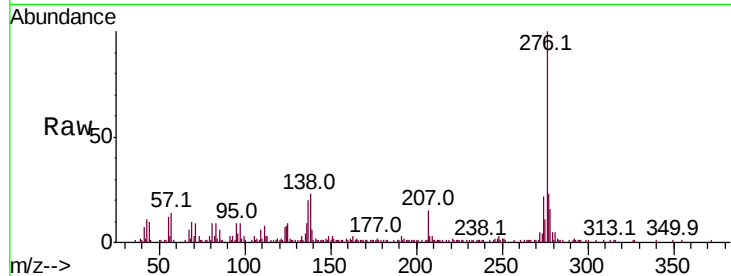
ClientSampleId :

6-A

Tot Ion:	276	Resp:	109073
Ion Ratio	Lower	Upper	
276	100		
138	23.7	22.4	33.6
277	24.0	20.6	30.8

Manual Integrations
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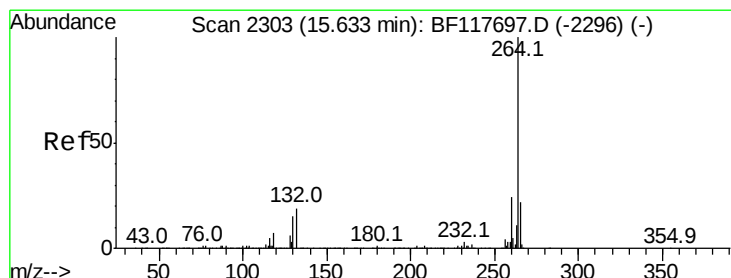
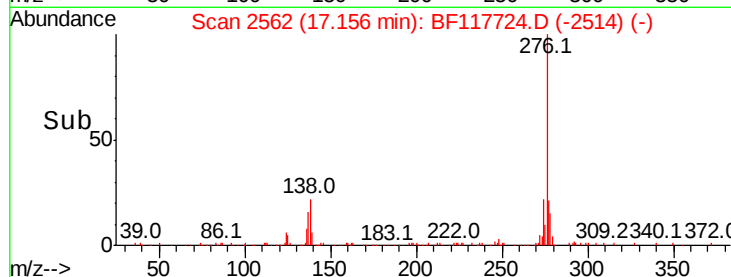
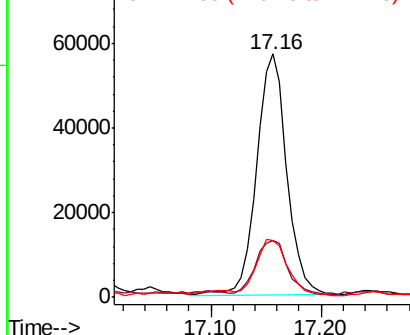


Abundance

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

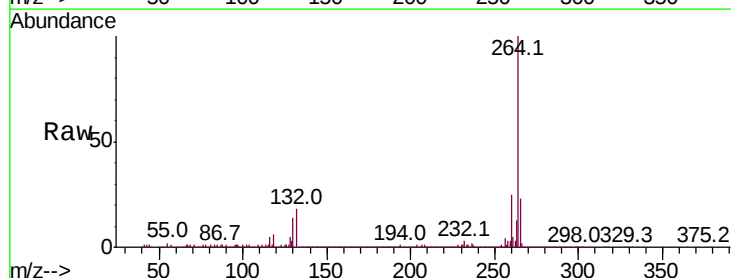
RT: 15.63 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BF117724.D

Acq: 8 Nov 2019 00:02

Tgt Ion:	264	Resp:	843594
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.8	28.2
265	22.6	17.7	26.5

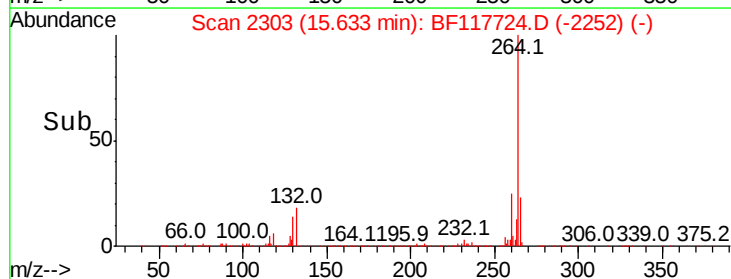
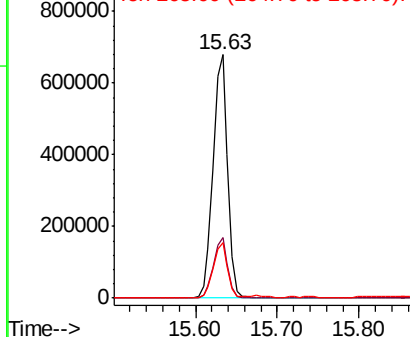


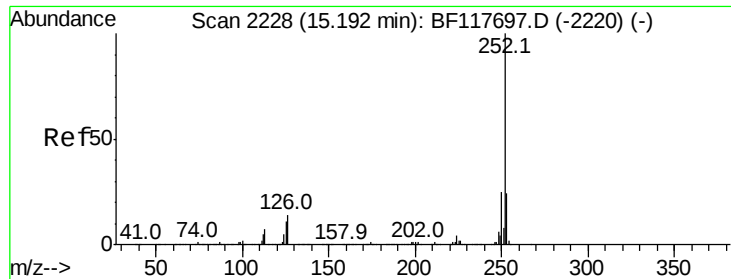
Abundance

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





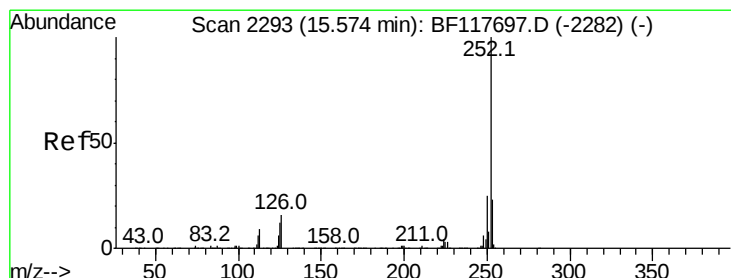
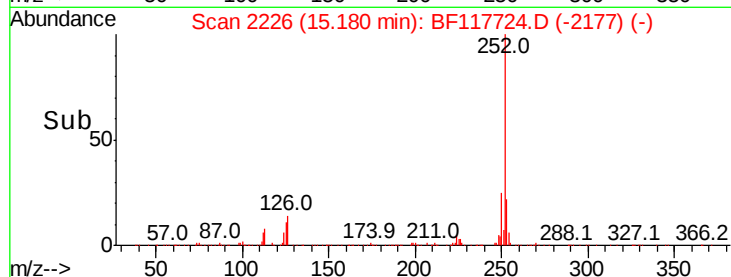
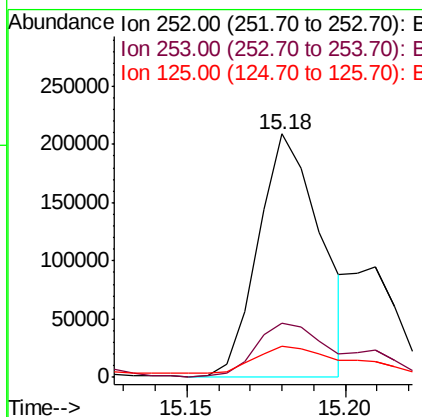
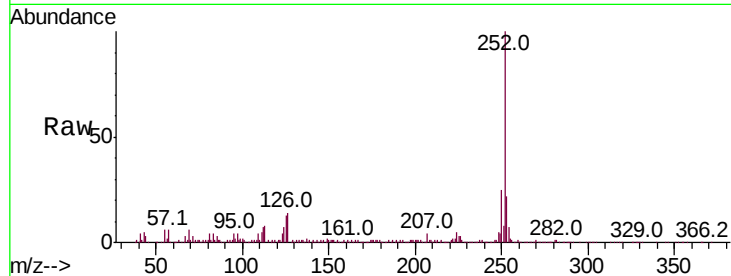
#88
Benzo(b)fluoranthene
Concen: 5.377 ng m
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Instrument :
BNA_F
ClientSampled :
6-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	12.6	8.5	12.7

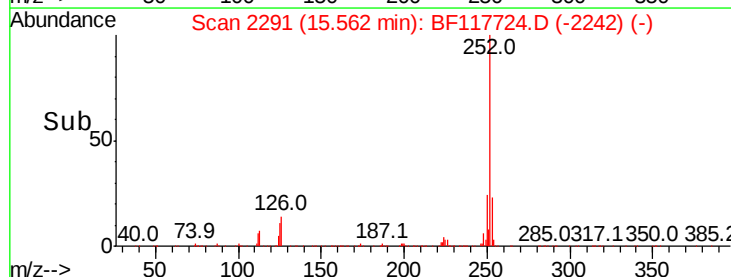
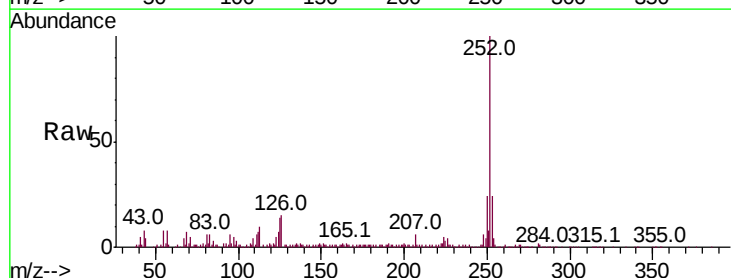
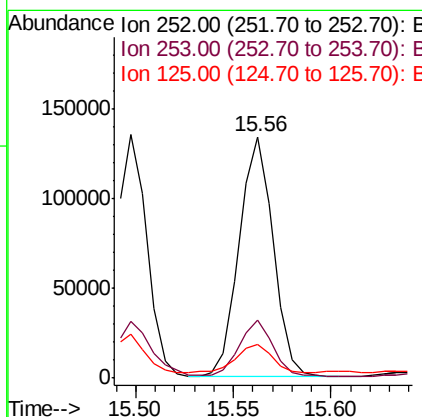
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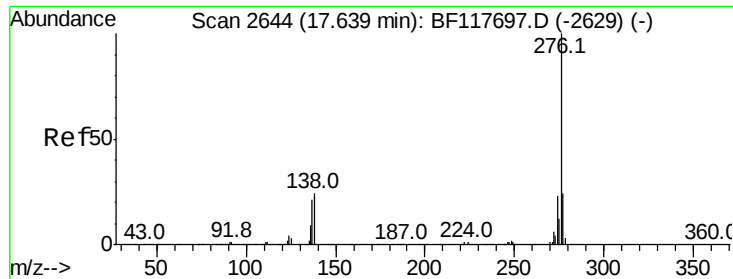
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#90
Benzo(a)pyrene
Concen: 3.511 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117724.D
Acq: 8 Nov 2019 00:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	13.8	9.5	14.3





#92
 Benzo(a,h,i)perylene
 Concen: 2.460 ng
 RT: 17.62 min Scan# 2640
 Delta R.T. -0.02 min
 Lab File: BF117724.D
 Acq: 8 Nov 2019 00:02

Instrument :
 BNA_F
 ClientSampleId :
 6-A

Tot Ion:	276	Resp:	98471
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.4	29.0
138	25.9	19.2	28.8

Manual Integrations
 APPROVED

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