

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117714.D
 Acq On : 7 Nov 2019 19:33
 Operator : JU
 Sample : K5723-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-D

Manual Integrations
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Quant Time: Nov 08 02:34:26 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	570265	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	2154362	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	1151250	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	2099886	20.00	ng	0.00
76) Chrysene-d12	14.12	240	1427526	20.00	ng	0.00
87) Perylene-d12	15.63	264	1662991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1674309	53.15	ng	0.00
7) Phenol-d6	6.55	99	2119789	54.57	ng	0.00
23) Nitrobenzene-d5	7.49	82	1262890	34.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	603428	53.58	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2257765	38.69	ng	0.00
79) Terphenyl-d14	13.06	244	2465596	35.56	ng	0.00
Target Compounds						
10) Phenol	6.56	94	101872	2.434	ng	84
50) Dimethylphthalate	9.69	163	359627	4.621	ng	98
75) Fluoranthene	12.69	202	355535	3.459	ng	96
78) Pyrene	12.92	202	381254	3.659	ng	97
83) Chrysene	14.14	228	202869	2.312	ng	97
88) Benzo(b)fluoranthene	15.18	252	269770m	2.576	ng	

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

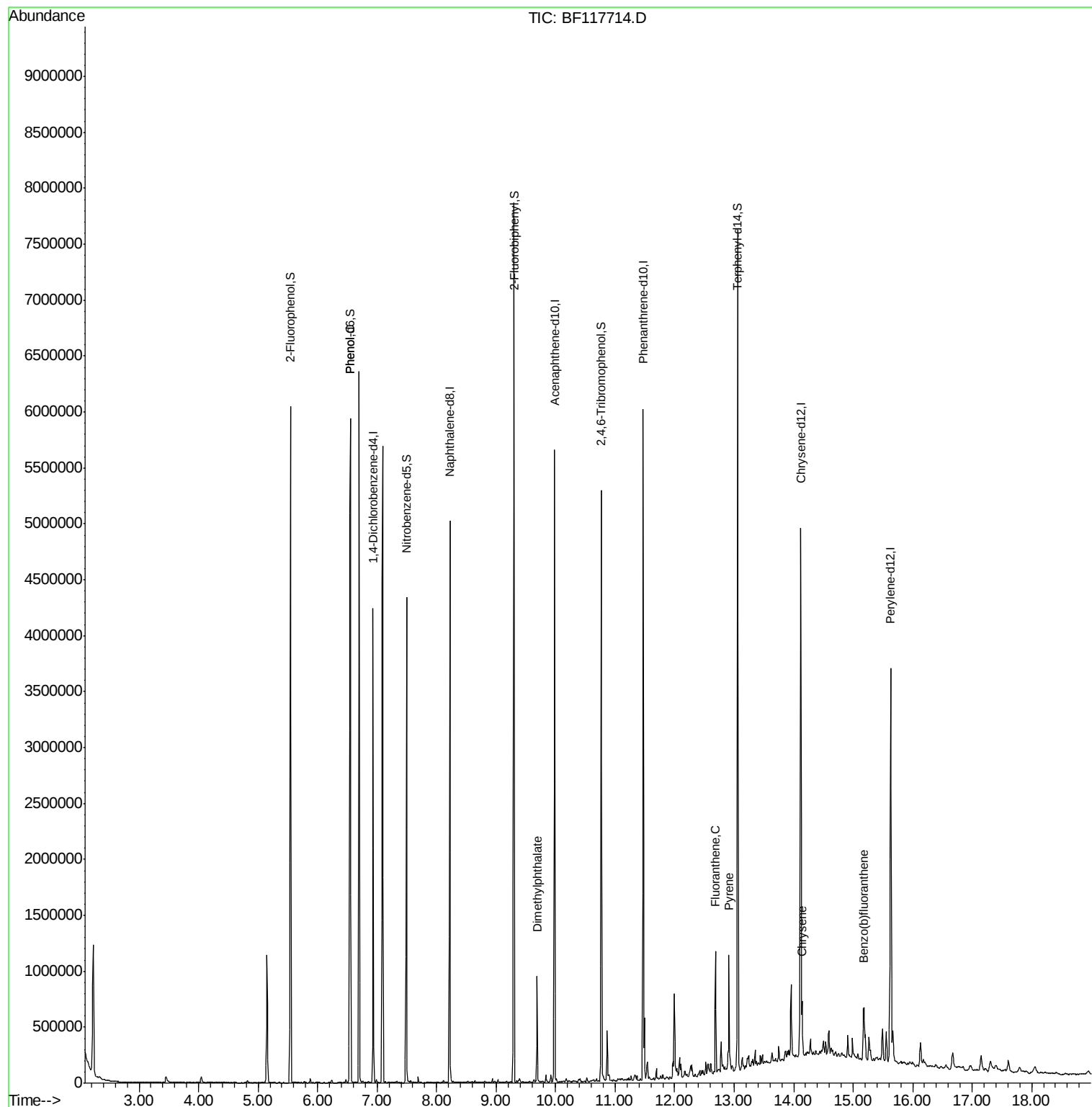
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117714.D
Acq On : 7 Nov 2019 19:33
Operator : JU
Sample : K5723-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

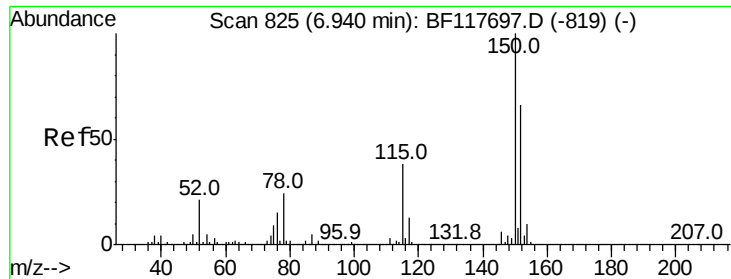
Instrument :
BNA_F
ClientSampleId :
8-D

Quant Time: Nov 08 02:34:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
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QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

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#1

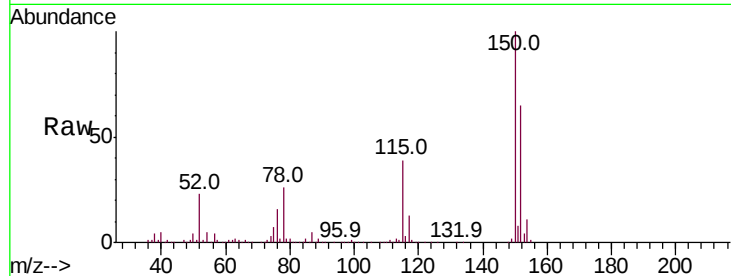
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Instrument :
BNA_F
ClientSampled :
8-D

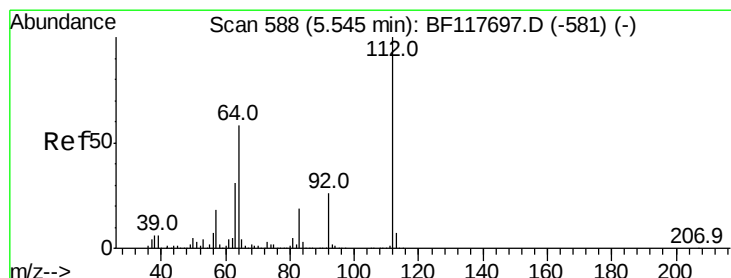
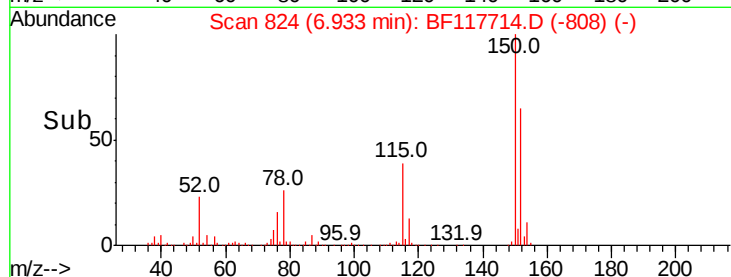
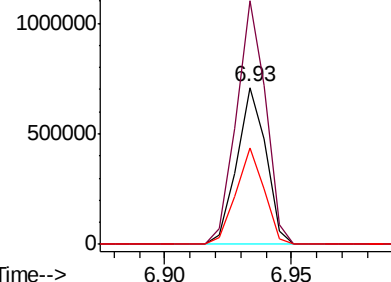
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.4	182.2
115	61.2	46.7	70.1

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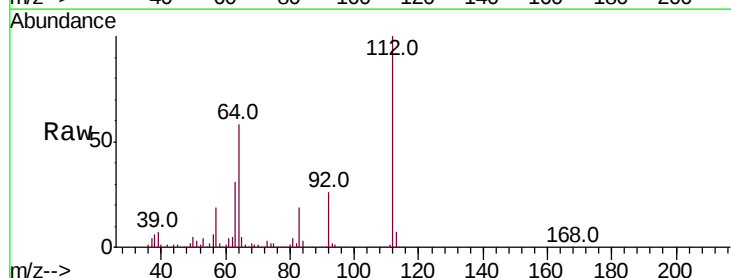
Abundance Ion 152.00 (151.70 to 152.70): E
1500000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



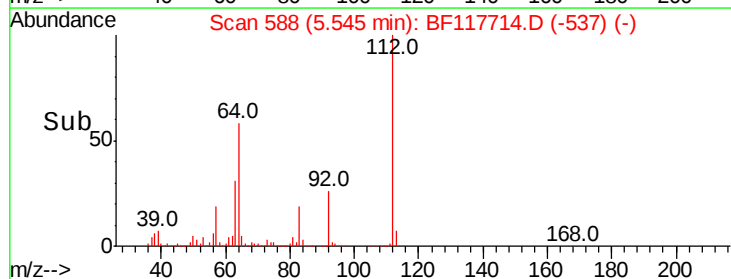
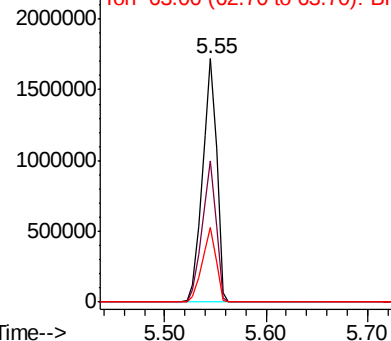
#5

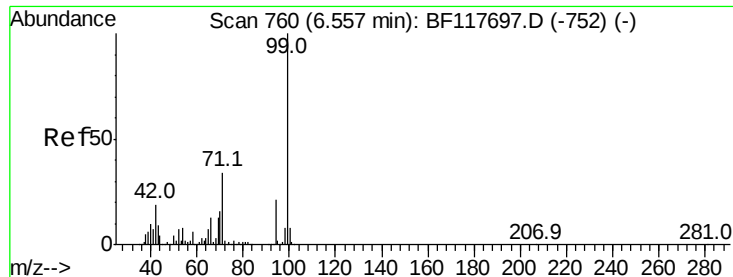
2-Fluorophenol
Concen: 53.146 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.4	69.6
63	30.9	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: 54.570 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117714.D

Acq: 7 Nov 2019 19:33

Instrument :

BNA_F

ClientSampled :

8-D

Tot Ion: 99 Resp: 2119789

Ion Ratio Lower Upper

99 100

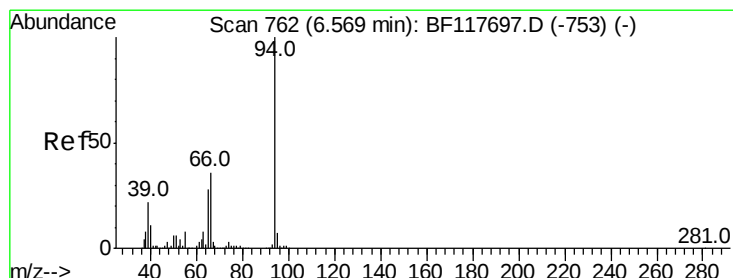
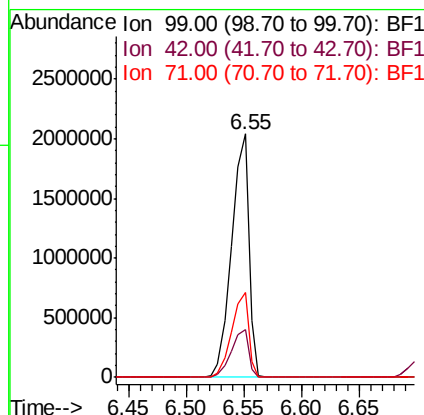
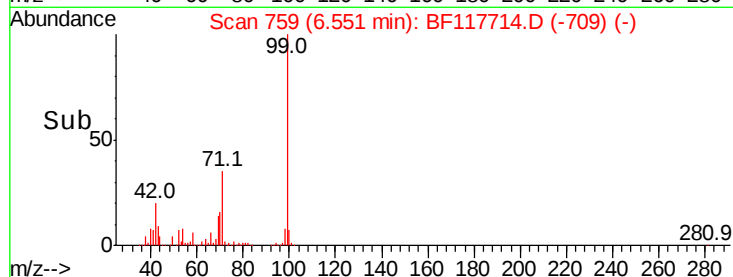
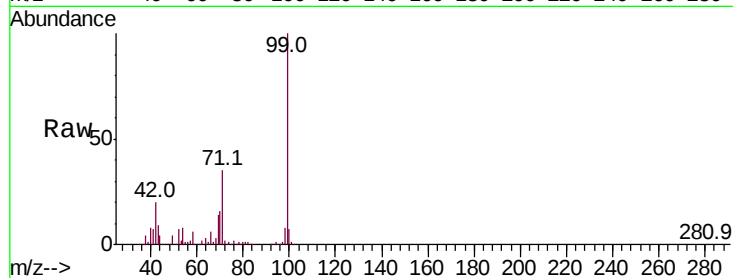
42 19.6 15.3 22.9

71 34.9 26.8 40.2

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#10

Phenol

Concen: 2.434 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117714.D

Acq: 7 Nov 2019 19:33

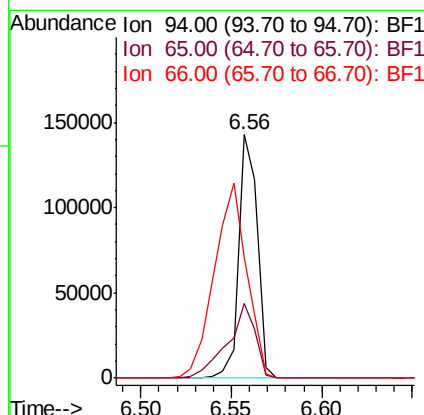
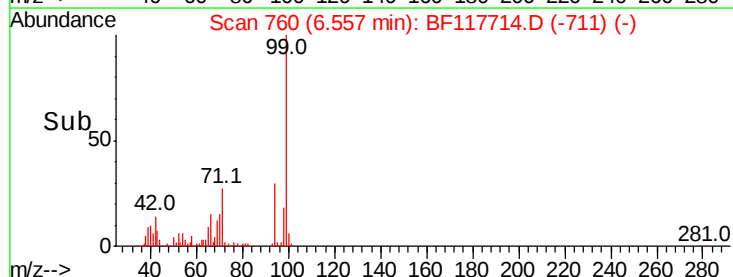
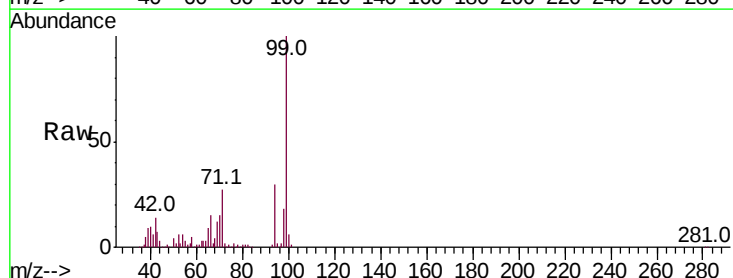
Tgt Ion: 94 Resp: 101872

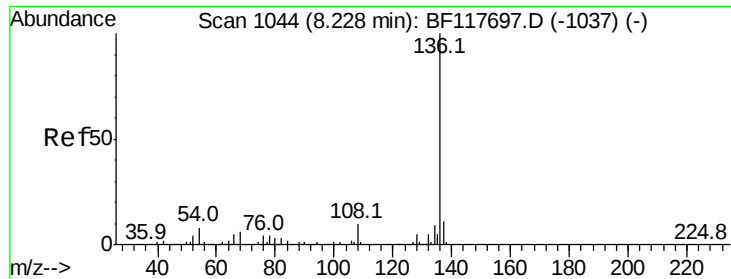
Ion Ratio Lower Upper

94 100

65 30.8 7.6 47.6

66 49.6 16.1 56.1





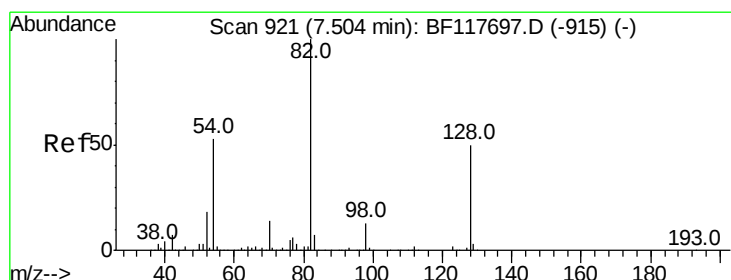
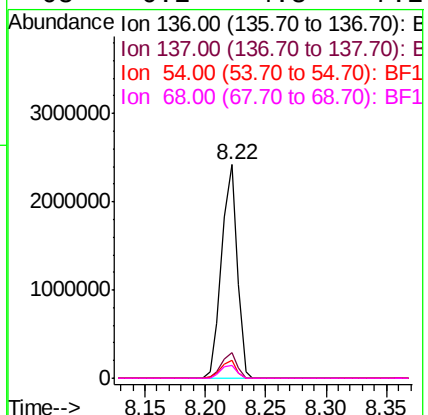
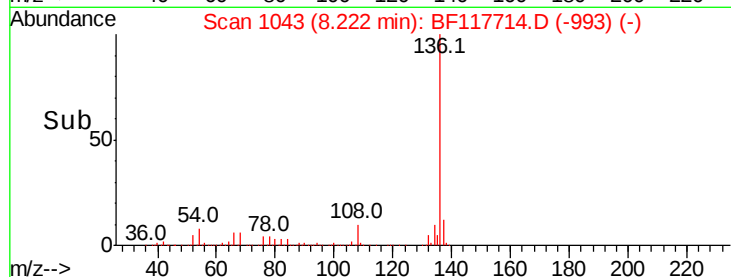
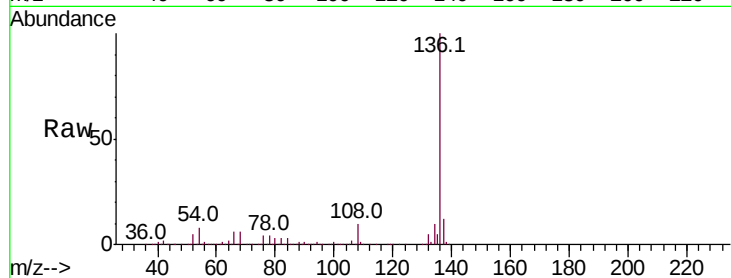
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Instrument :
BNA_F
ClientSampleId :
8-D

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	8.4	6.0	9.0
68	6.2	4.8	7.2

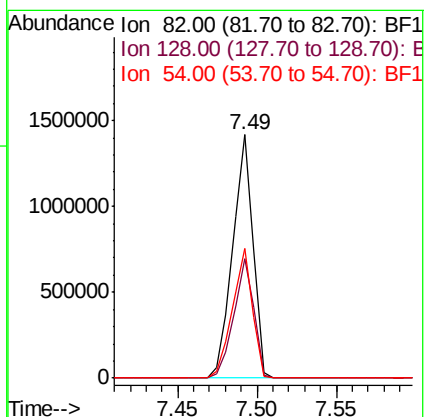
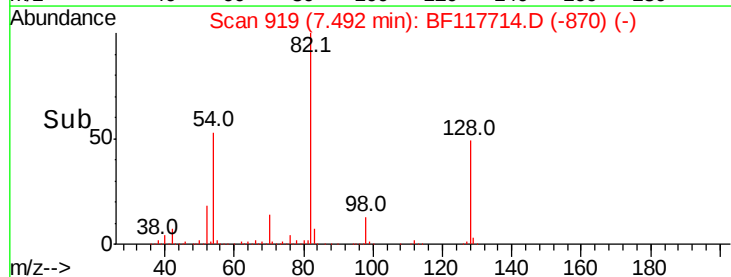
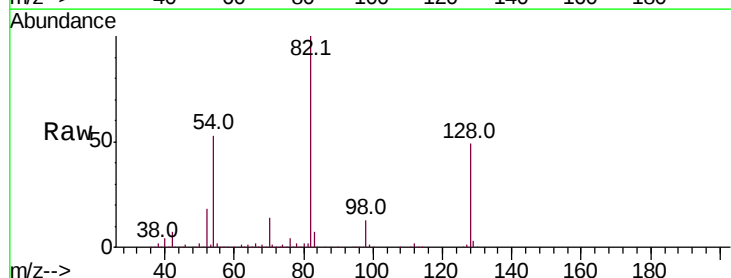
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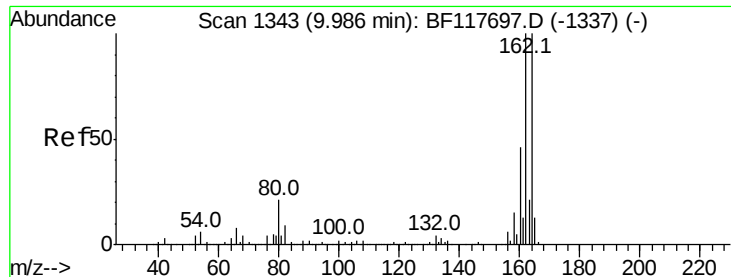
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#23
Nitrobenzene-d5
Concen: 34.609 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.2	60.2
54	53.2	42.0	63.0





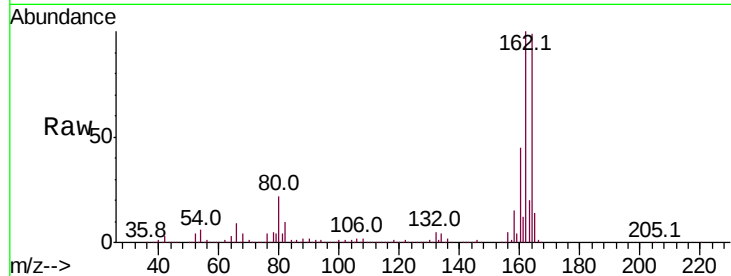
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Instrument :
BNA_F
ClientSampleId :
8-D

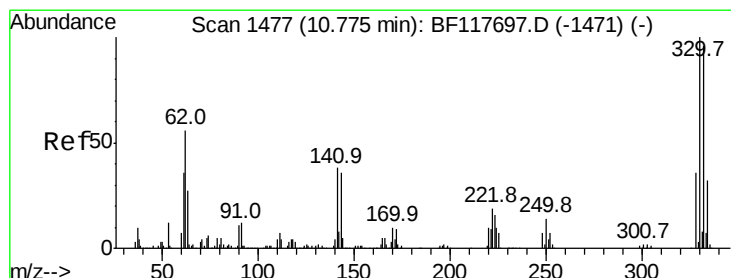
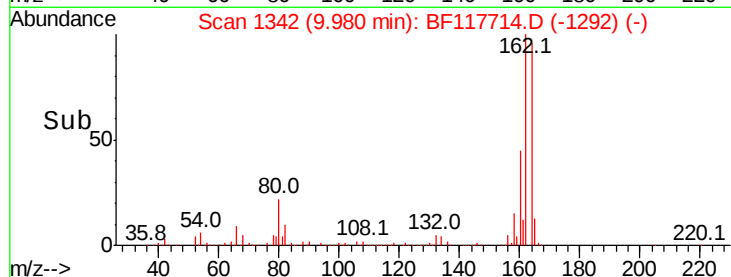
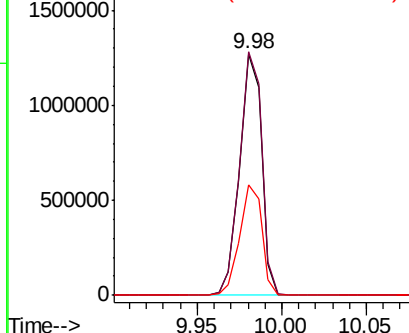
Tot Ion:164 Resp: 1151250
Ion Ratio Lower Upper
164 100
162 101.0 79.7 119.5
160 45.6 36.5 54.7

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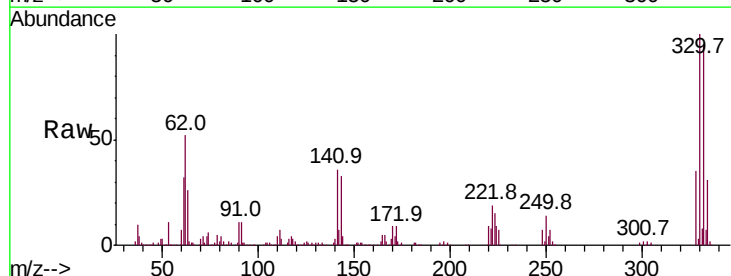


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

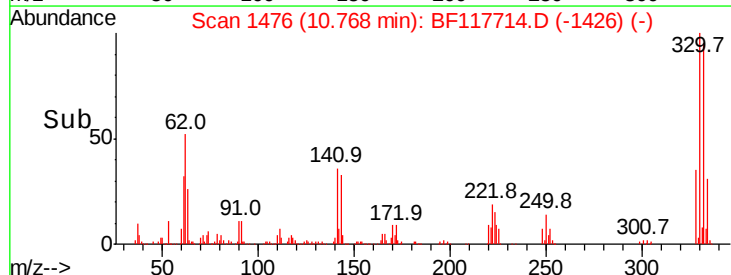
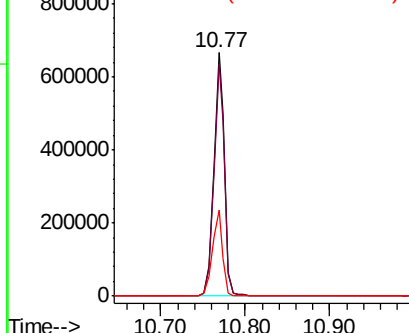


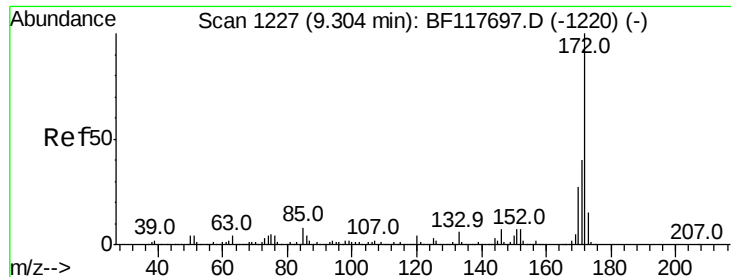
#42
2,4,6-Tribromophenol
Concen: 53.582 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Tgt Ion:330 Resp: 603428
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.0
141 33.6 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





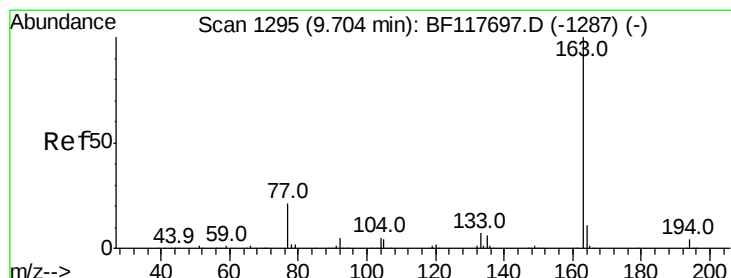
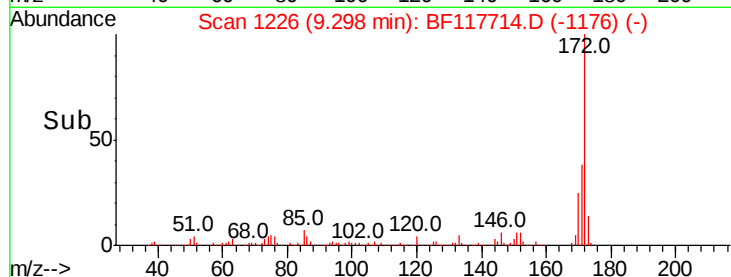
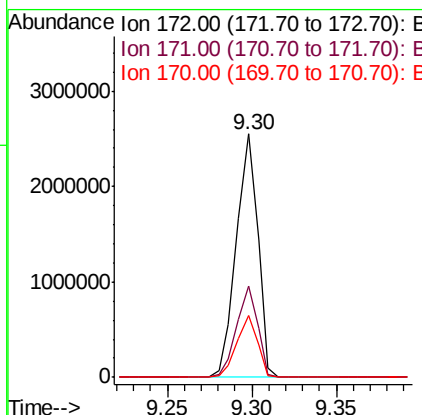
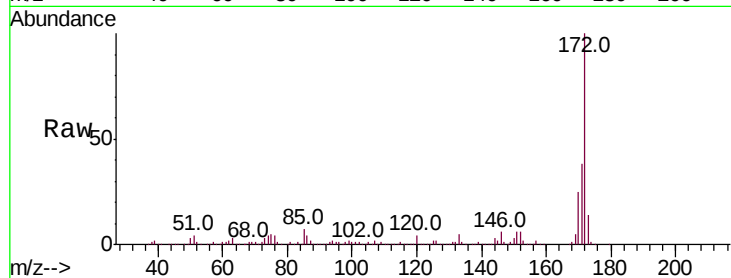
#45
2-Fluorobiphenyl
Concen: 38.694 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Instrument :
BNA_F
ClientSampleId :
8-D

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.8	47.8
170	25.5	21.6	32.4

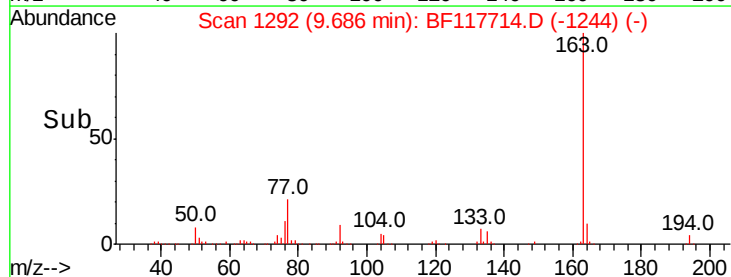
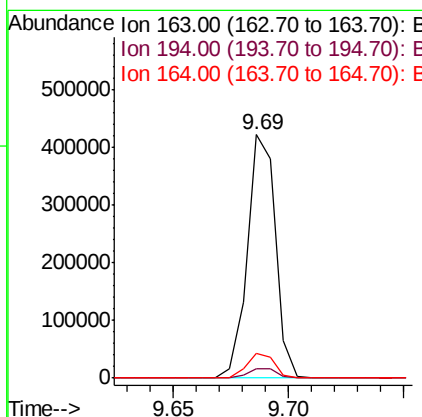
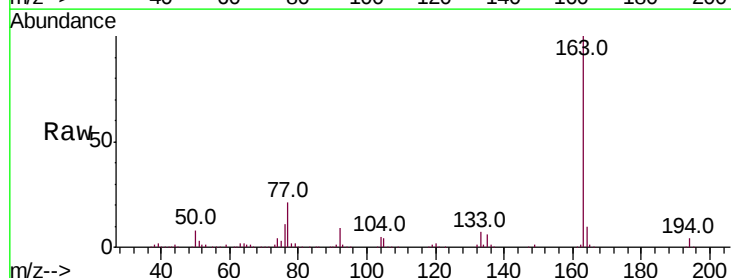
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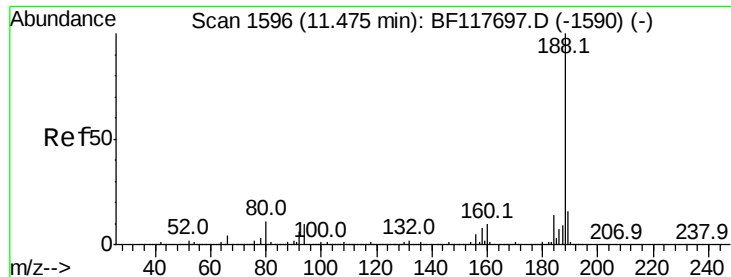
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#50
Dimethylphthalate
Concen: 4.621 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.1	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: BF117714.D

Acq: 7 Nov 2019 19:33

Instrument :

BNA_F

ClientSampleId :

8-D

Tot Ion:188 Resp: 2099886

Ion Ratio Lower Upper

188 100

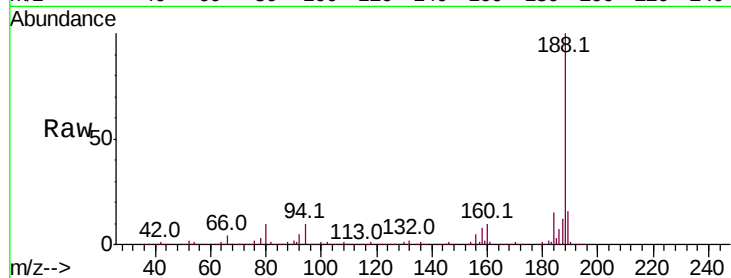
94 9.9 8.2 12.4

80 10.4 8.6 13.0

Manual Integrations
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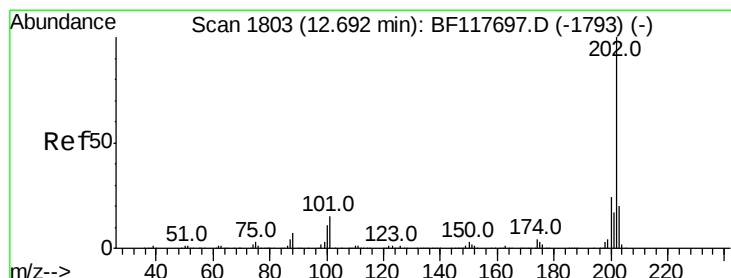
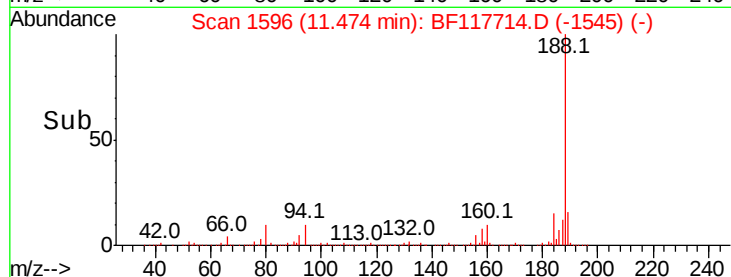
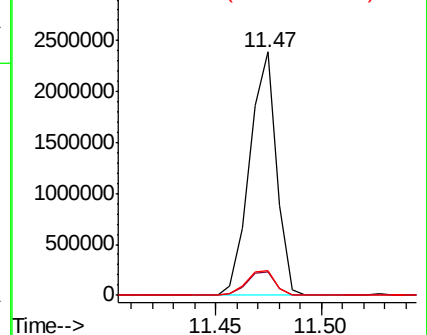
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 3.459 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF117714.D

Acq: 7 Nov 2019 19:33

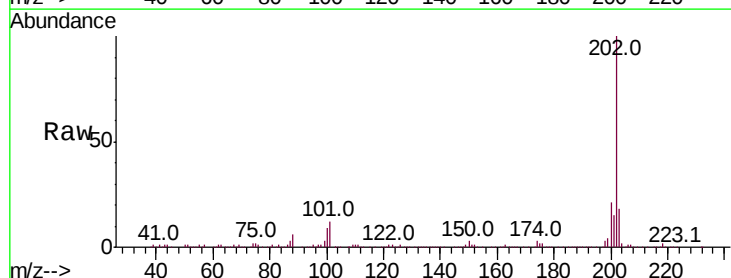
Tgt Ion:202 Resp: 355535

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.5

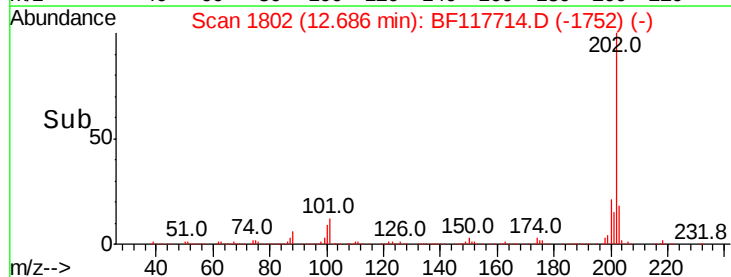
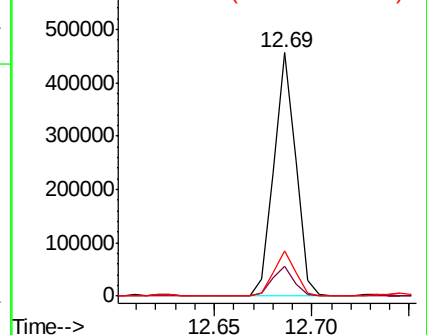
203 18.3 0.0 39.8

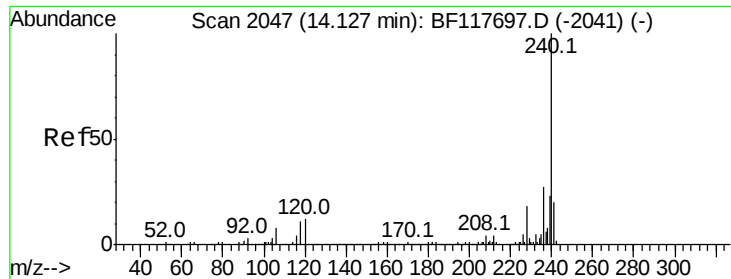


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





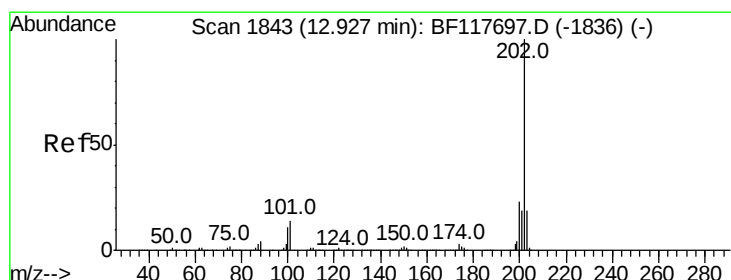
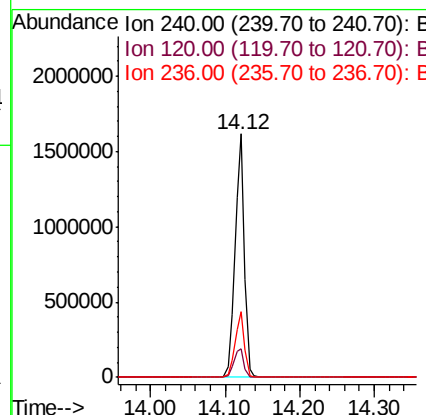
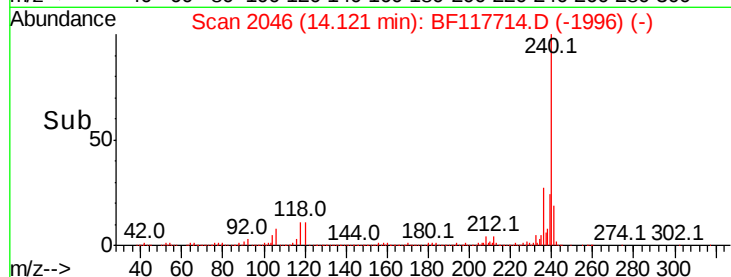
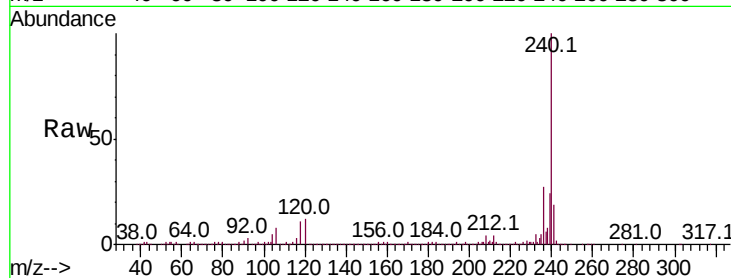
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Instrument :
BNA_F
ClientSampleId :
8-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.7	14.5
236	27.1	21.9	32.9

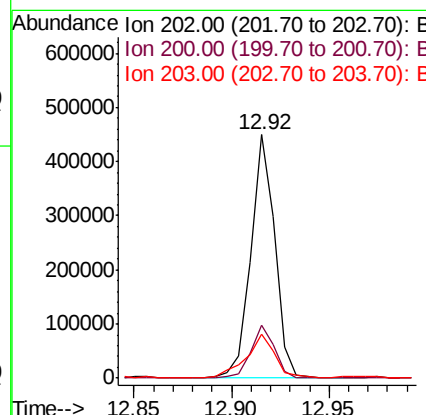
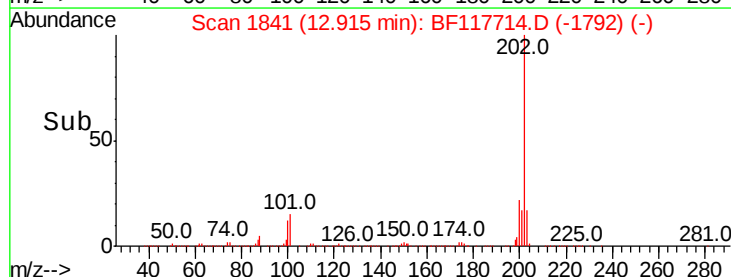
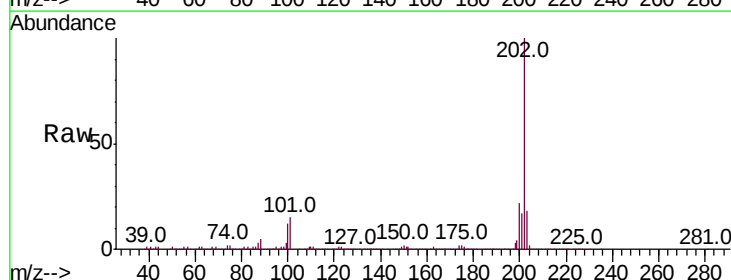
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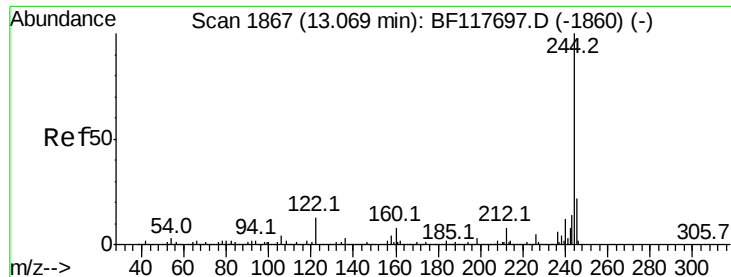
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#78
Pyrene
Concen: 3.659 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117714.D
Acq: 7 Nov 2019 19:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.8	28.2
203	17.8	15.2	22.8





#79

Terphenyl-d14

Concen: 35.556 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117714.D

Acq: 7 Nov 2019 19:33

Instrument :

BNA_F

ClientSampled :

8-D

Tot Ion:244 Resp: 2465596

Ion Ratio Lower Upper

244 100

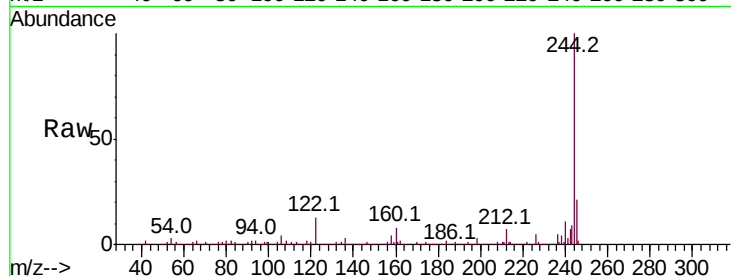
212 7.3 6.4 9.6

122 12.7 10.0 15.0

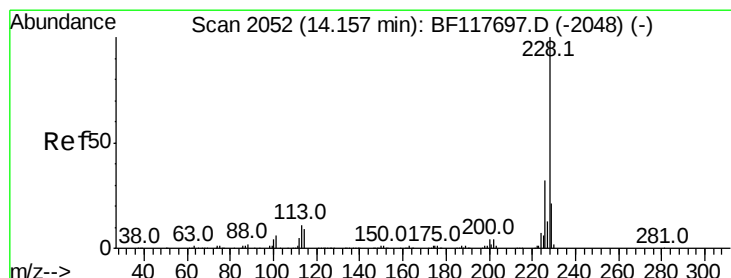
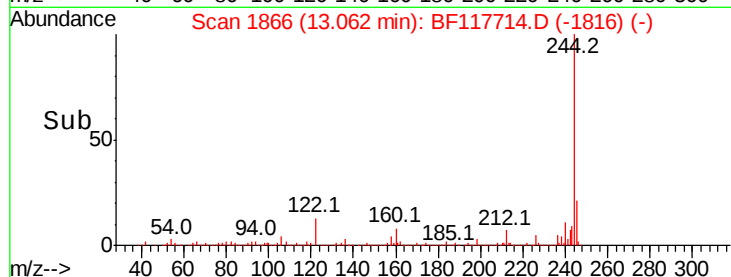
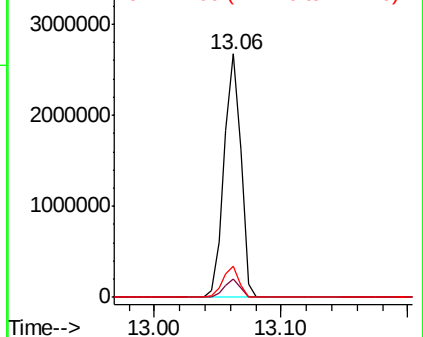
Manual Integrations
APPROVED

Sohil

11/8/2019 3:31:39 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#83

Chrysene

Concen: 2.312 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF117714.D

Acq: 7 Nov 2019 19:33

Tgt Ion:228 Resp: 202869

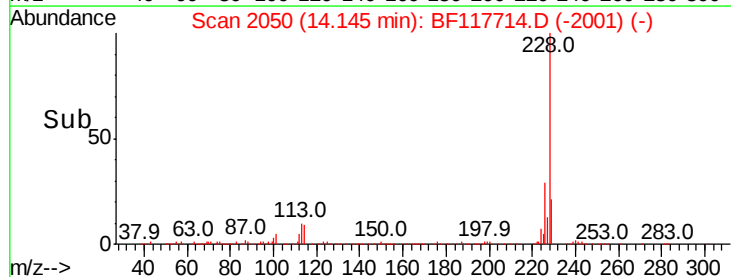
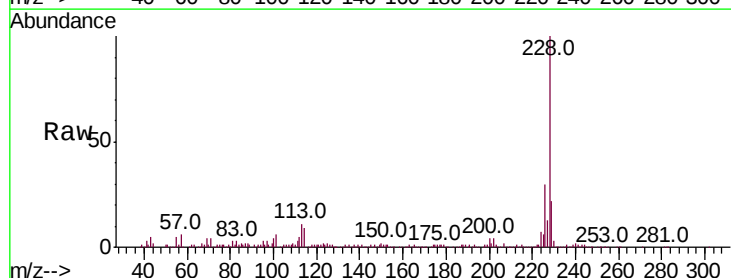
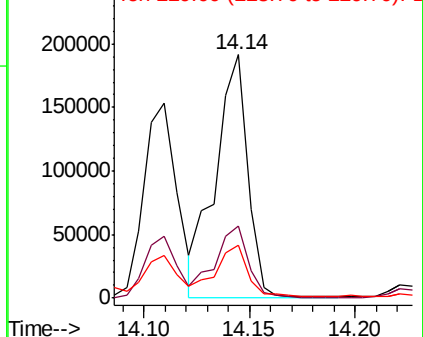
Ion Ratio Lower Upper

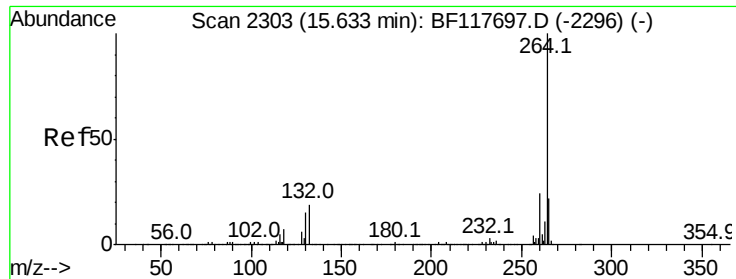
228 100

226 29.6 25.4 38.2

229 21.6 16.6 24.8

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BF117714.D

Acq: 7 Nov 2019 19:33

Instrument :

BNA_F

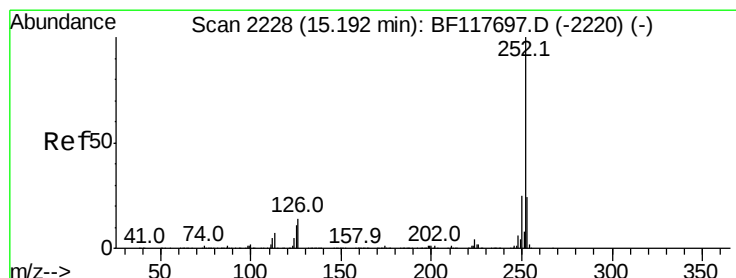
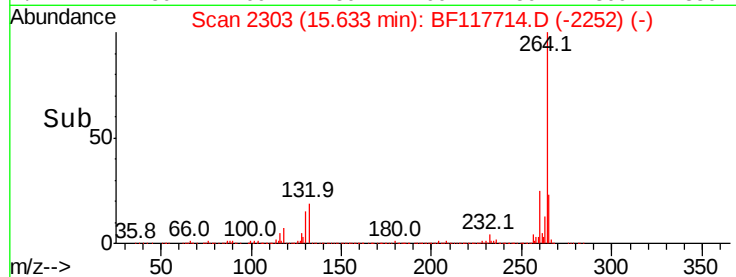
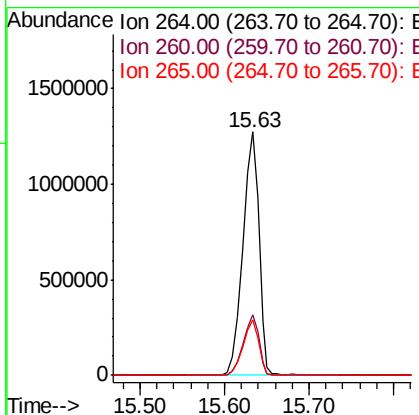
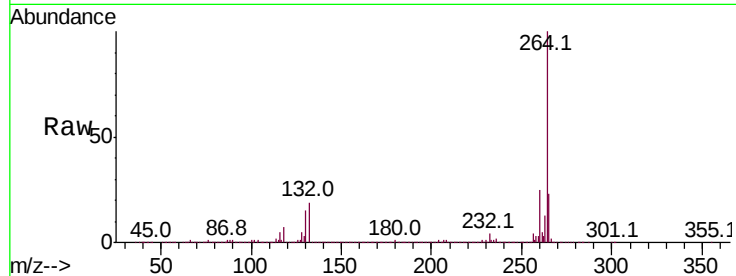
ClientSampleId :

8-D

Tot Ion:	264	Resp:	1662991
Ion Ratio	Lower	Upper	
264	100		
260	25.1	18.8	28.2
265	22.6	17.7	26.5

Manual Integrations
APPROVED

Sohil
11/8/2019 3:31:39 PM



#88

Benzo(b)fluoranthene

Concen: 2.576 ng m

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF117714.D

Acq: 7 Nov 2019 19:33

Tgt Ion:	252	Resp:	269770
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.9	28.3
125	11.7	8.5	12.7

