

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116111.D
 Acq On : 9 Aug 2019 14:19
 Operator : HP/JU
 Sample : K4152-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)

Manual Integrations
 APPROVED

Sohil
 8/13/2019 7:17:53 AM

Quant Time: Aug 10 03:44:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126926	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	503680	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	271595	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	497395	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	386339	20.00	ng	0.00
87) Perylene-d12	15.46	264	329399	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	750904	99.04	ng	0.00
7) Phenol-d6	6.47	99	970469	101.45	ng	-0.01
23) Nitrobenzene-d5	7.40	82	630554	72.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	254894	96.80	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1102685	76.05	ng	-0.01
79) Terphenyl-d14	12.95	244	1279314	69.78	ng	0.00
Target Compounds						
32) Benzoic acid	7.92	122	15687	3.330	ng	85
50) Dimethylphthalate	9.59	163	238118	12.876	ng	99
71) Phenanthrene	11.38	178	54236	2.133	ng	99
75) Fluoranthene	12.57	202	158415	5.951	ng	79
78) Pyrene	12.80	202	144641	4.967	ng	# 87
81) Benzo(a)anthracene	13.99	228	84754	3.432	ng	96
83) Chrysene	14.03	228	68954	2.876	ng	95
84) Bis(2-ethylhexyl)phthalate	13.97	149	86502	5.403	ng	98
88) Benzo(b)fluoranthene	15.04	252	73995m	3.885	ng	
90) Benzo(a)pyrene	15.41	252	51411	3.020	ng	100

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

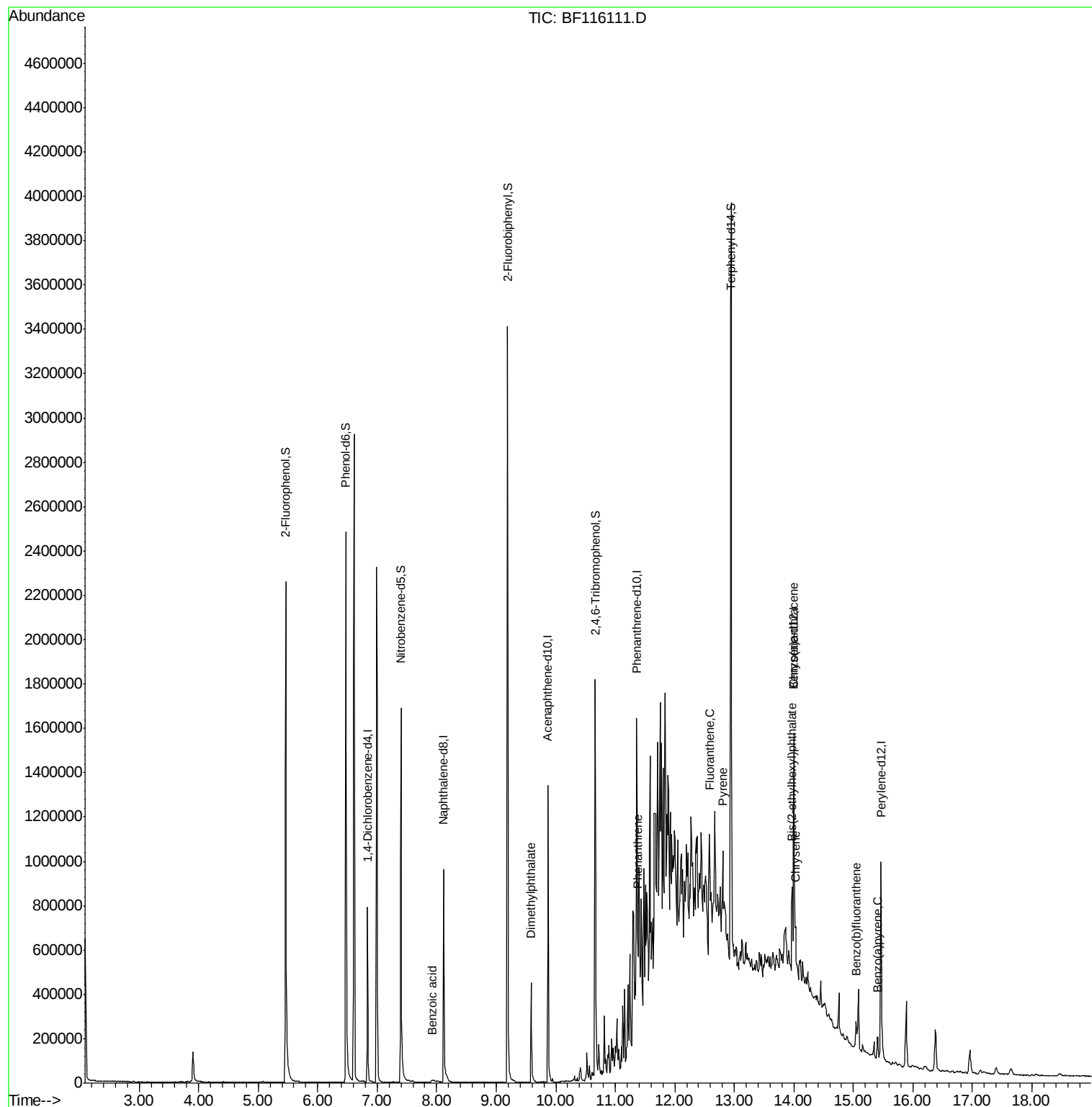
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

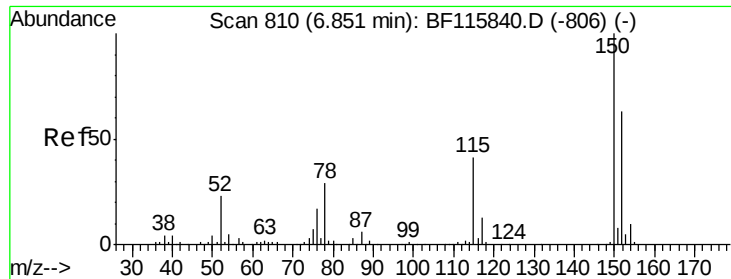
Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

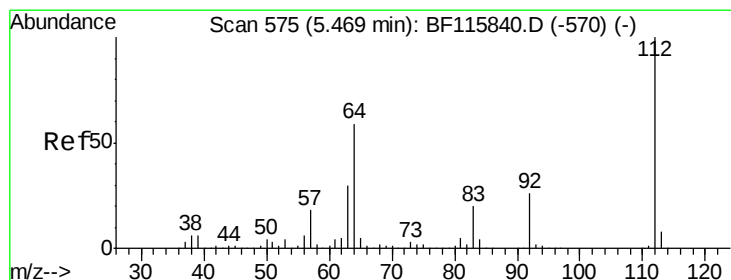
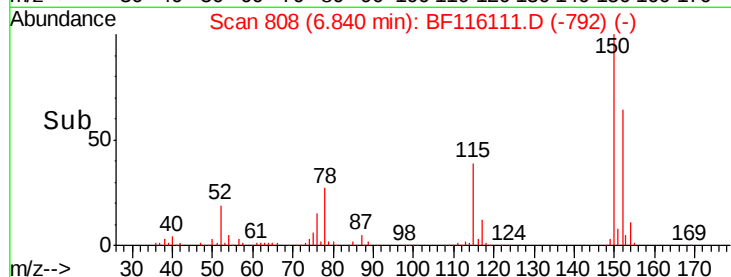
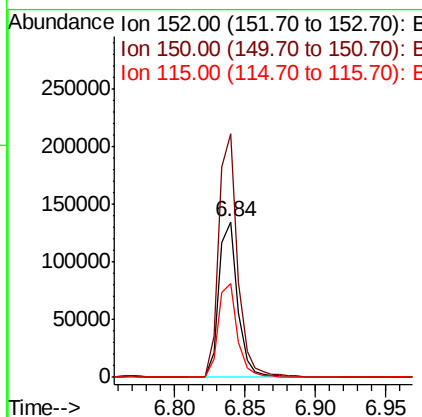
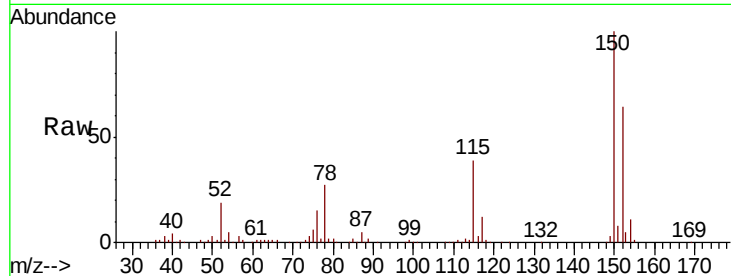
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	60.2	49.9	74.9

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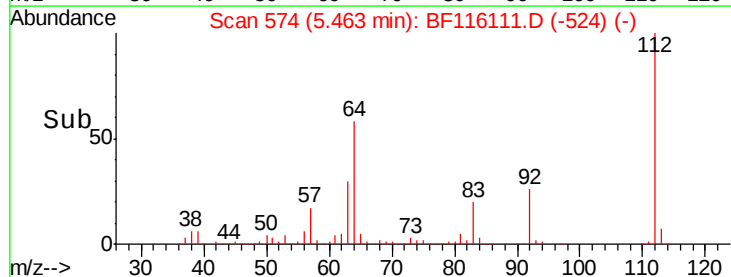
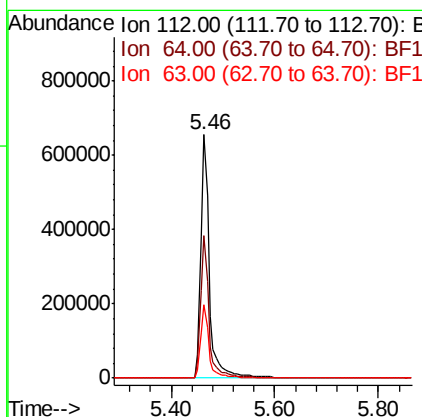
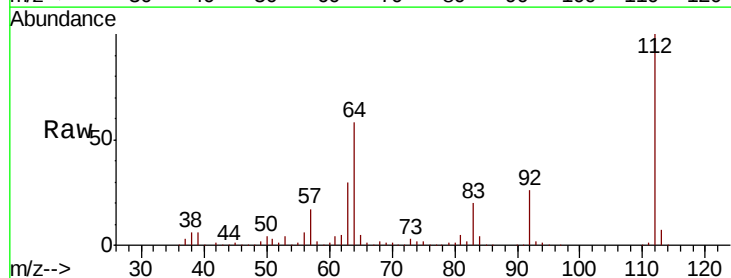
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#5

2-Fluorophenol
Concen: 99.039 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.4	68.2
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 101.451 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116111.D

Acq: 9 Aug 2019 14:19

Instrument :

BNA_F

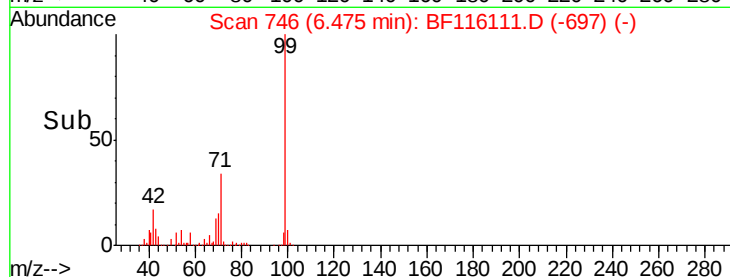
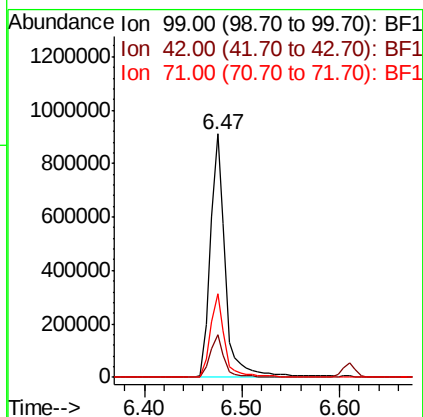
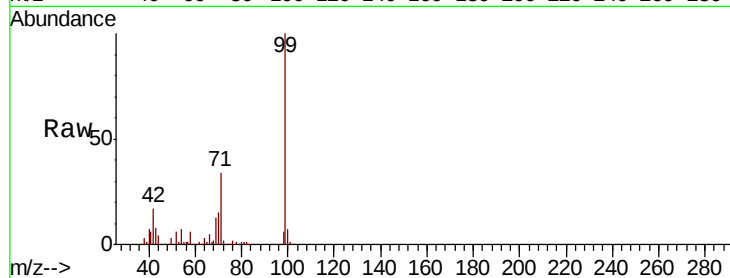
ClientSampleId :

2S-H1-H4-COMP-(0-1)

Tot Ion:	99	Resp:	970469
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.8
71	34.3	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

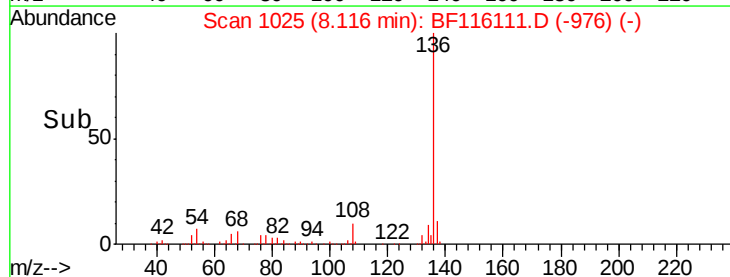
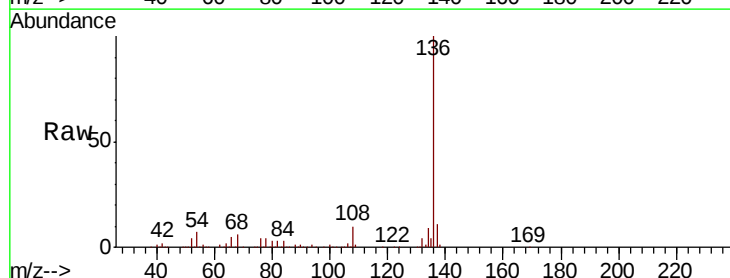
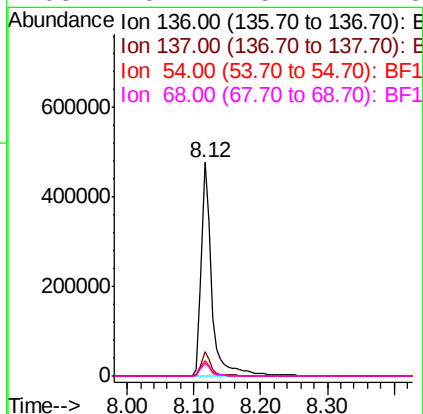
RT: 8.12 min Scan# 1025

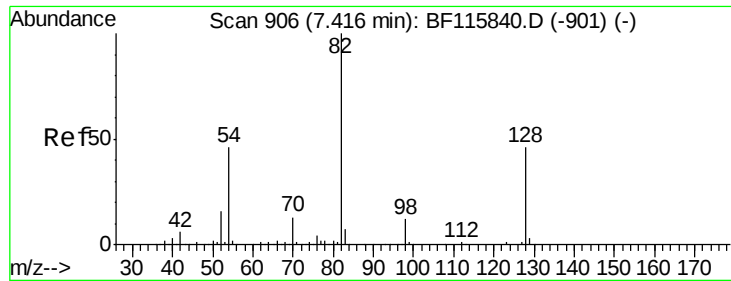
Delta R.T. -0.01 min

Lab File: BF116111.D

Acq: 9 Aug 2019 14:19

Tgt Ion:	136	Resp:	503680
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.2	5.8	8.6
68	6.2	5.2	7.8





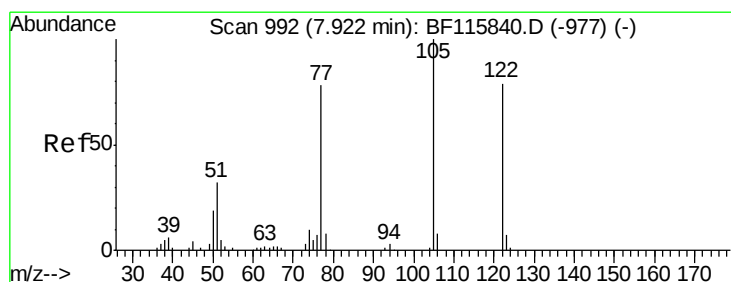
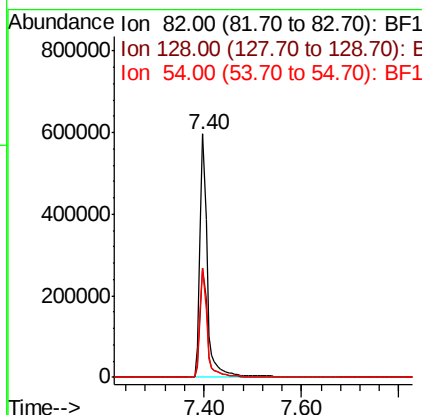
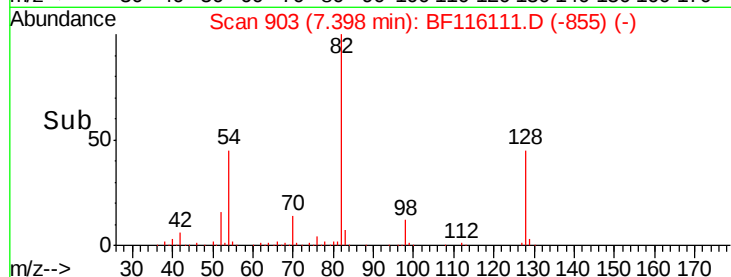
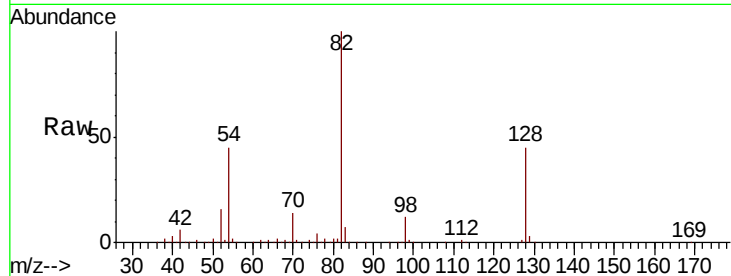
#23
Nitrobenzene-d5
Concen: 72.263 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	44.9	36.0	54.0

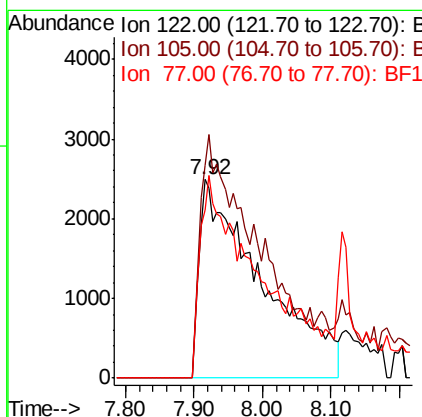
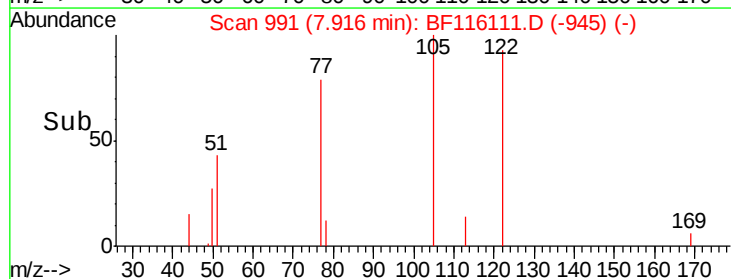
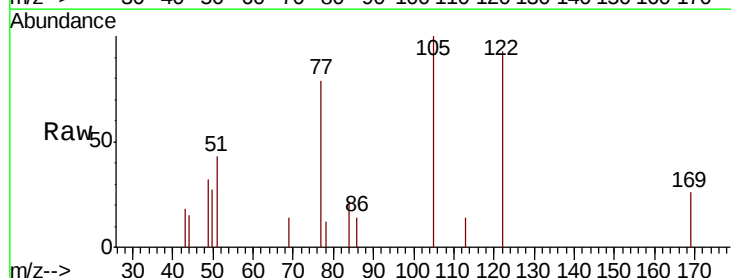
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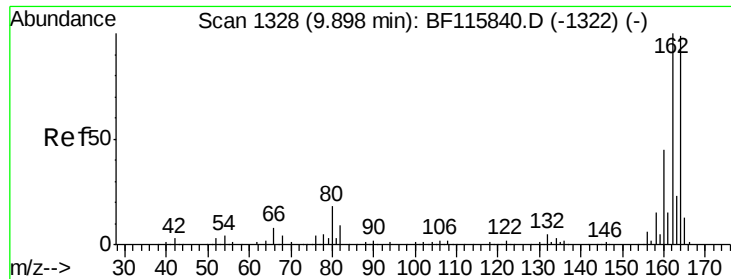
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#32
Benzoic acid
Concen: 3.330 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	107.1	106.1	146.1
77	84.8	76.7	116.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116111.D

Acq: 9 Aug 2019 14:19

Instrument :

BNA_F

ClientSampleId :

2S-H1-H4-COMP-(0-1)

Tot Ion:164 Resp: 271595

Ion Ratio Lower Upper

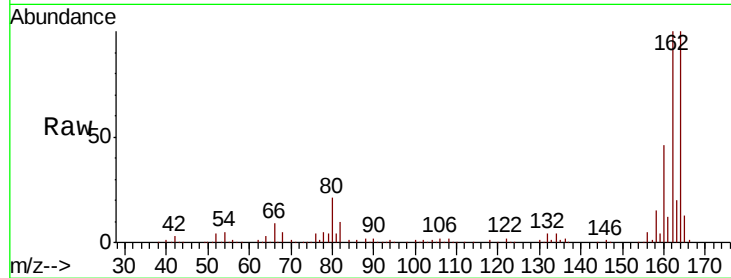
164 100

162 99.8 82.6 124.0

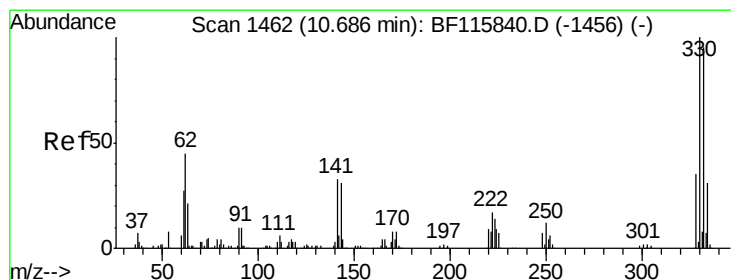
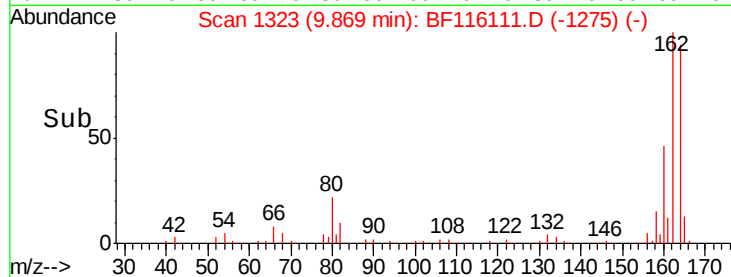
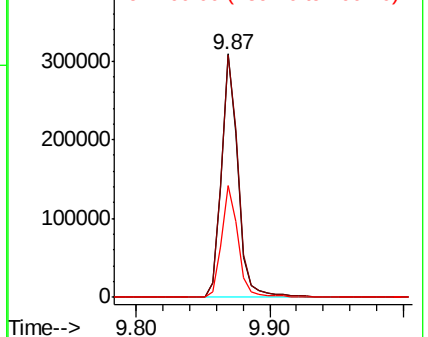
160 45.8 37.6 56.4

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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: 96.800 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116111.D

Acq: 9 Aug 2019 14:19

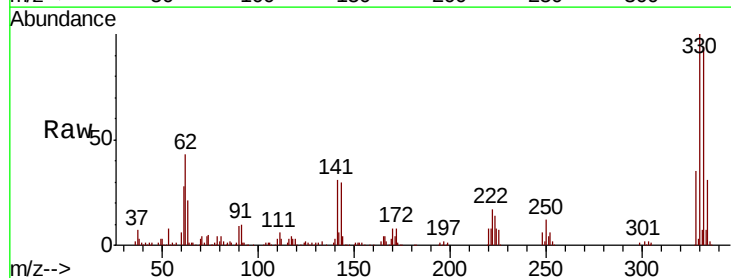
Tgt Ion:330 Resp: 254894

Ion Ratio Lower Upper

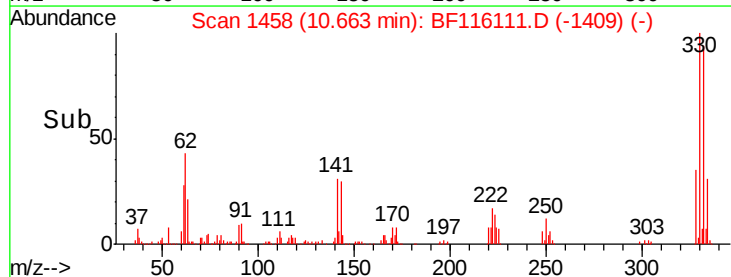
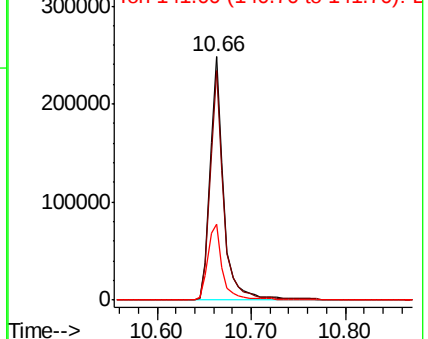
330 100

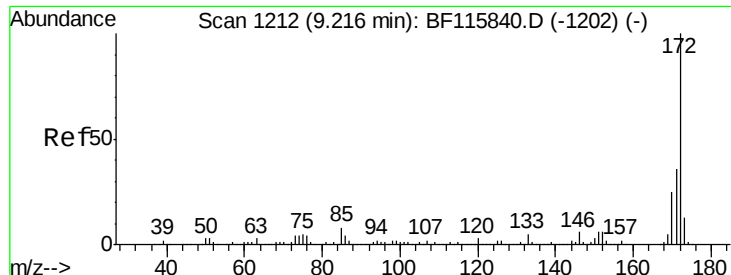
332 94.3 76.8 115.2

141 34.1 26.3 39.5



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





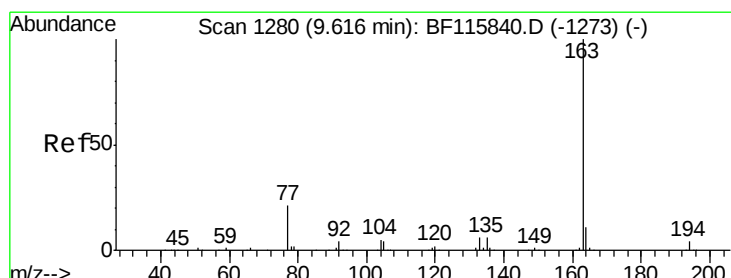
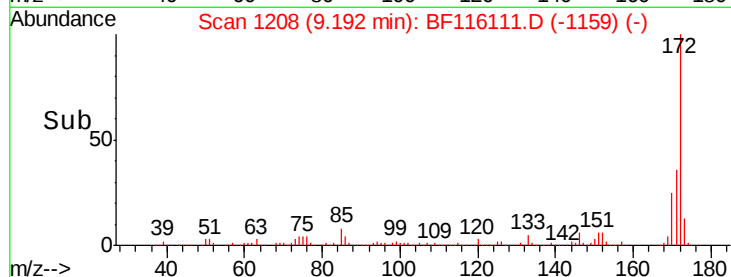
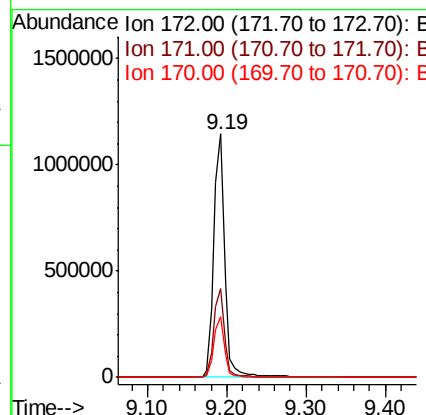
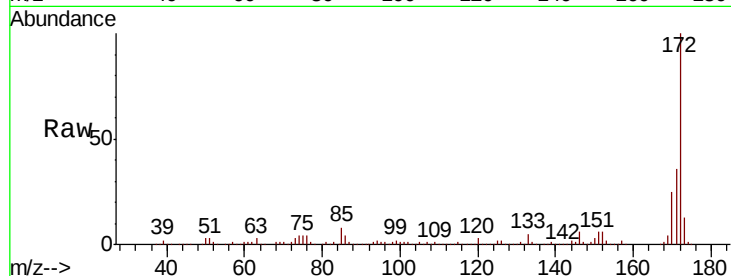
#45
2-Fluorobiphenyl
Concen: 76.047 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.6	44.4	
170	24.9	20.1	30.1	

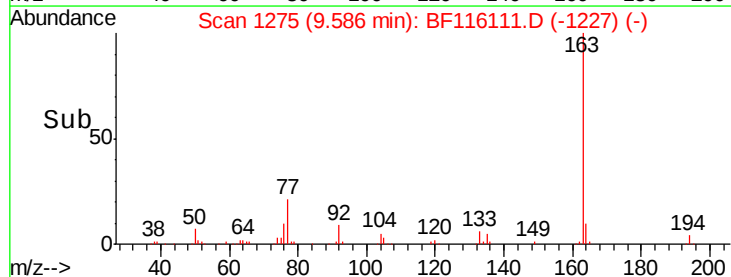
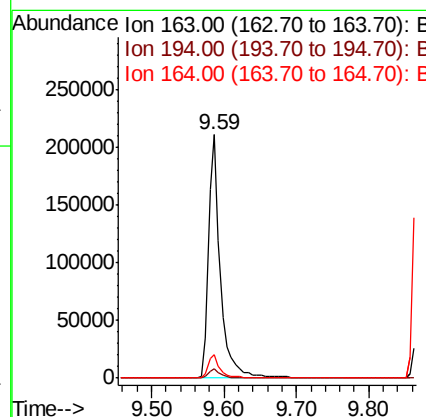
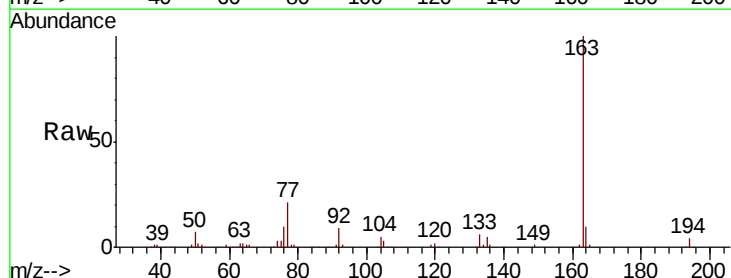
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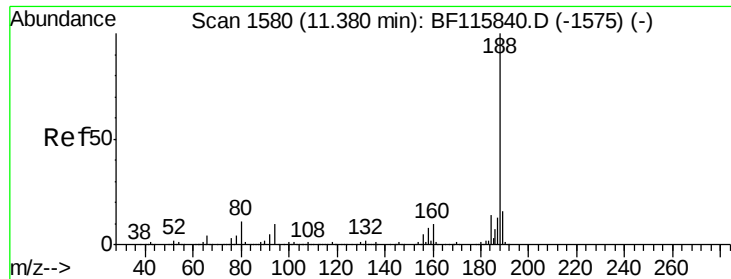
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#50
Dimethylphthalate
Concen: 12.876 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.8	3.0	4.6	
164	9.8	8.4	12.6	





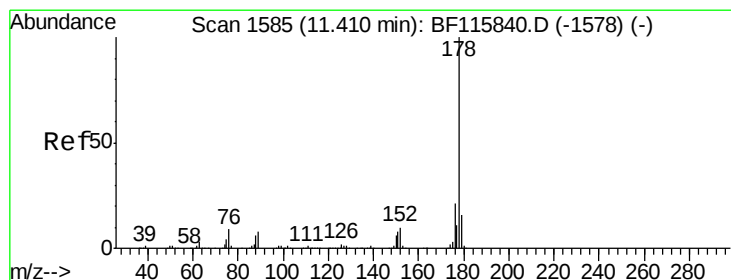
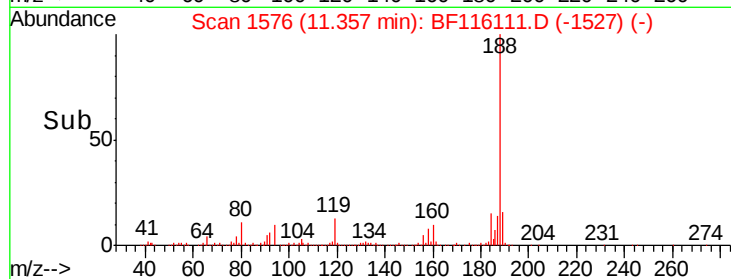
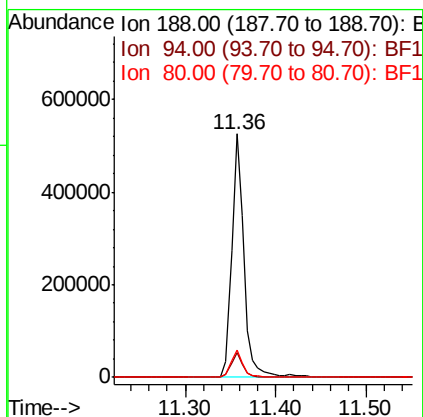
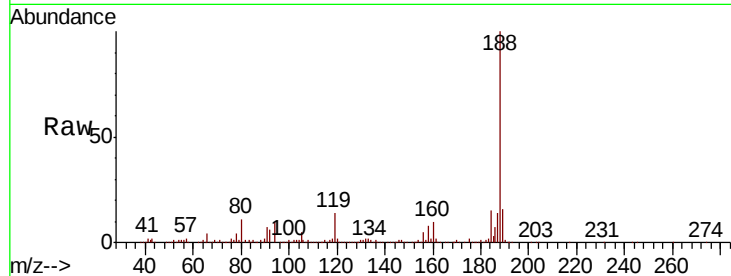
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	497395		
94	10.2	8.1	12.1	
80	11.0	8.7	13.1	

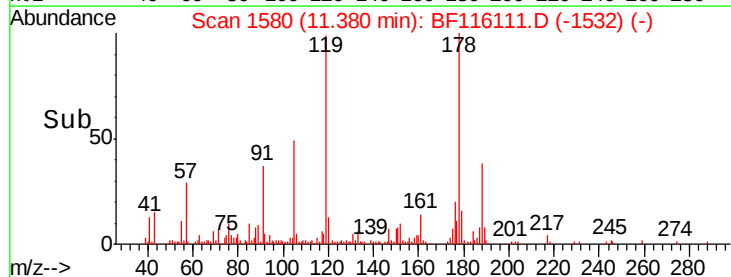
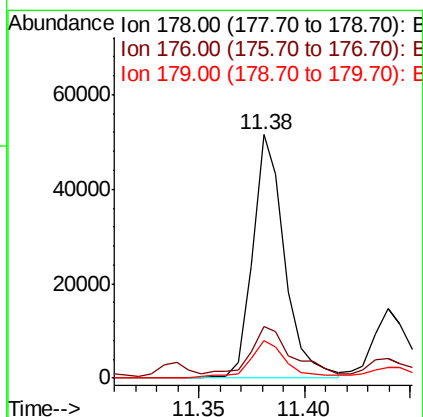
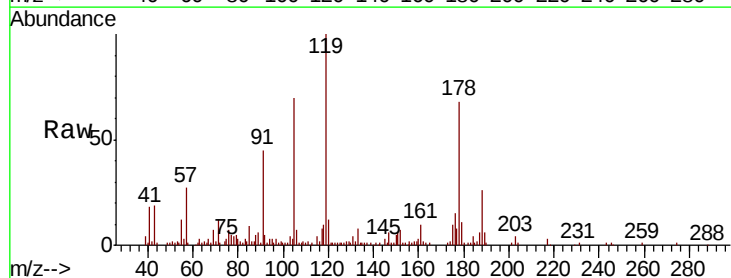
Manual Integrations
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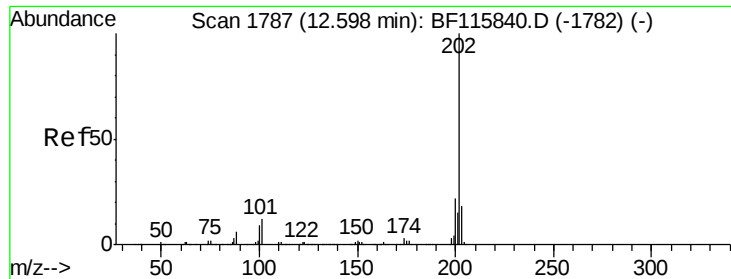
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#71
Phenanthrene
Concen: 2.133 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	54236		
176	21.3	16.6	24.8	
179	15.7	12.5	18.7	





#75

Fluoranthene

Concen: 5.951 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116111.D

Acq: 9 Aug 2019 14:19

Instrument :

BNA_F

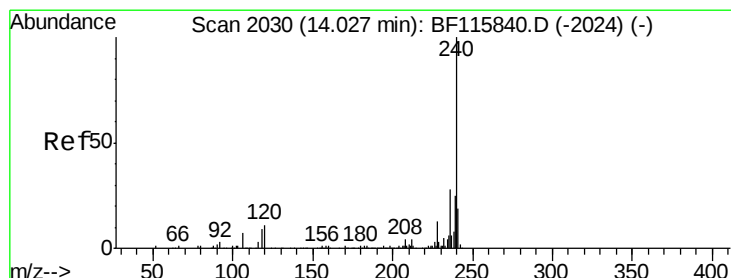
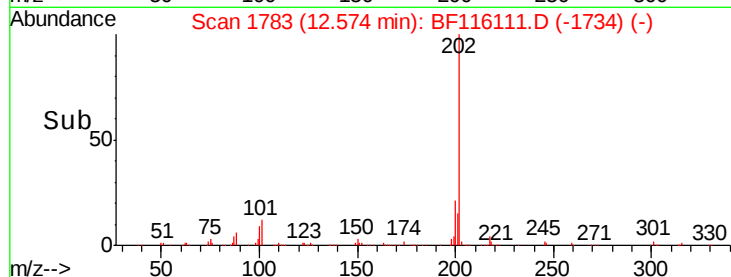
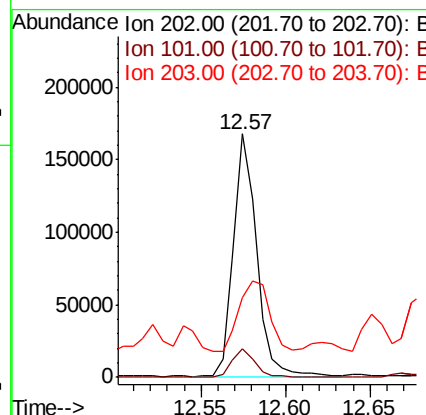
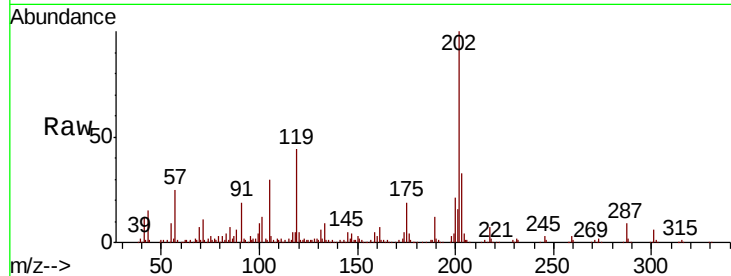
ClientSampleId :

2S-H1-H4-COMP-(0-1)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.8	0.0	31.2		
203	32.8	0.0	37.8		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

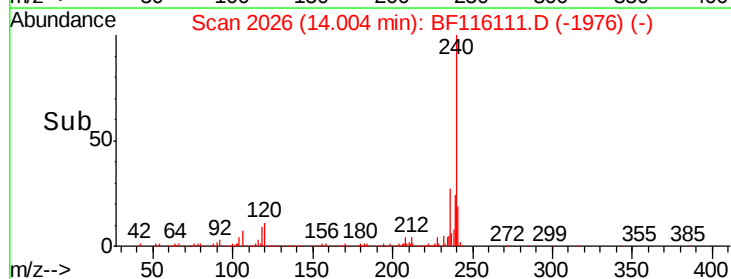
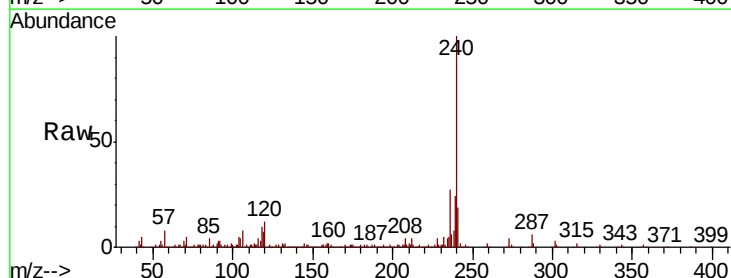
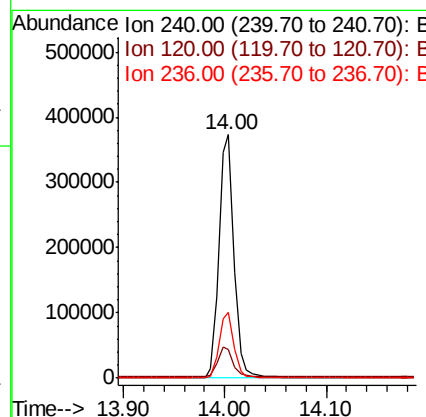
RT: 14.00 min Scan# 2026

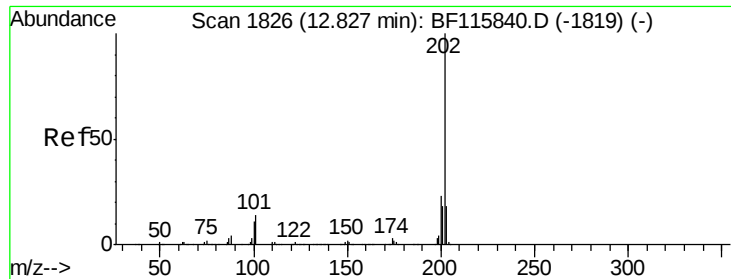
Delta R.T. -0.01 min

Lab File: BF116111.D

Acq: 9 Aug 2019 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.6	10.7	16.1		
236	26.9	22.2	33.2		





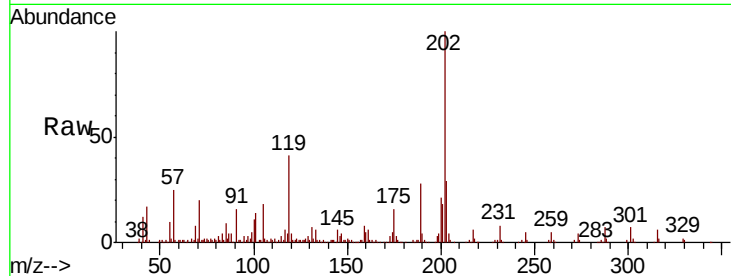
#78
Pvrene
Concen: 4.967 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.0	27.0
203	29.3	14.1	21.1

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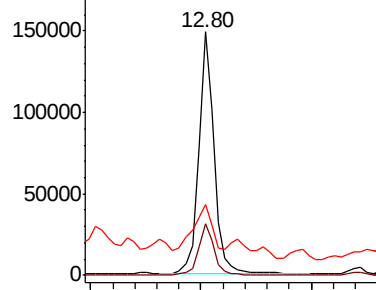


Abundance

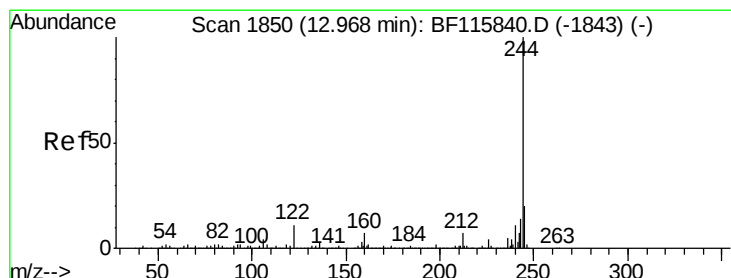
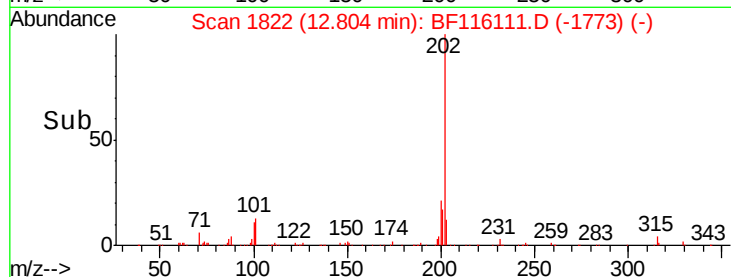
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.70 12.80 12.90



#79
Terphenyl-d14
Concen: 69.776 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

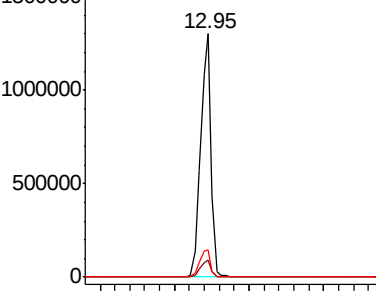
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.2	9.0	13.4

Abundance

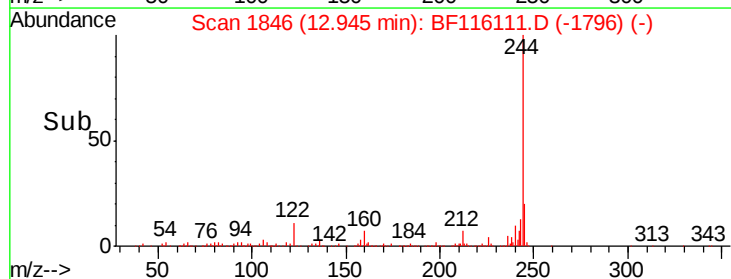
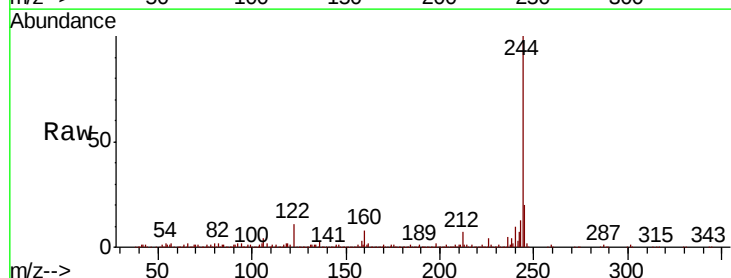
Ion 244.00 (243.70 to 244.70): E

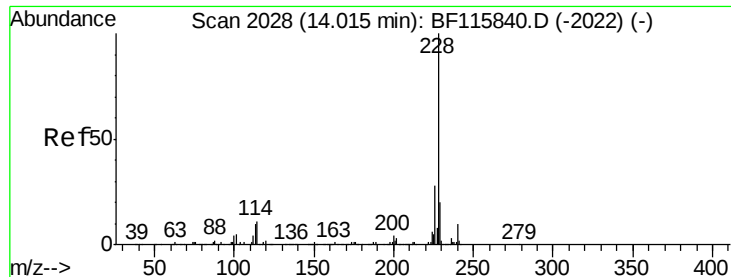
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00 13.10





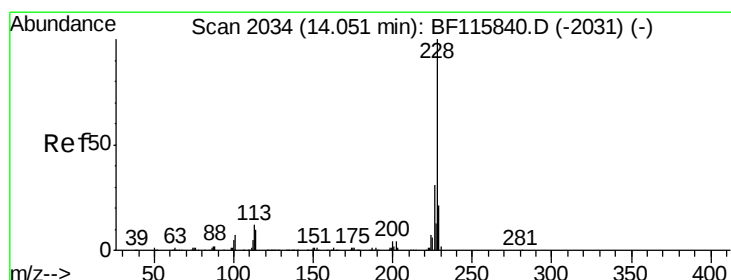
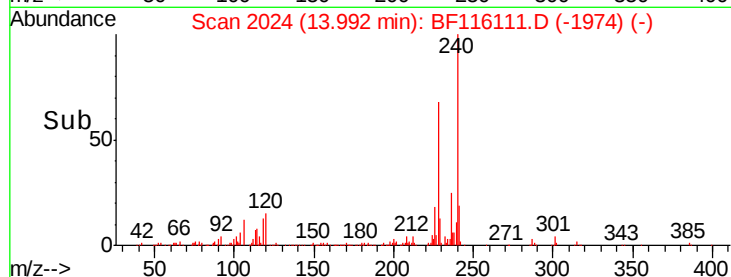
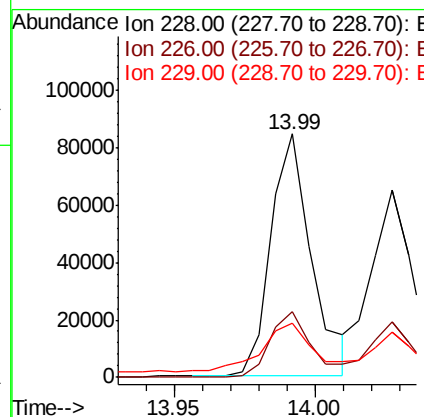
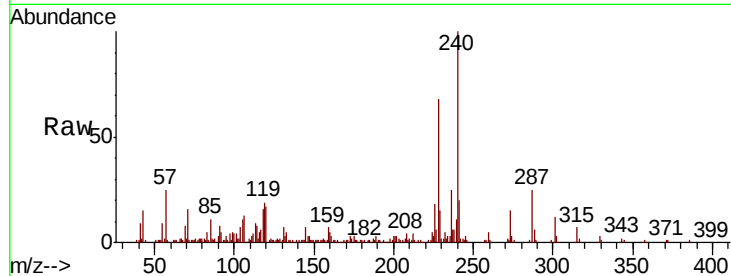
#81
Benzo(a)anthracene
Concen: 3.432 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.7	34.1
229	22.4	16.2	24.4

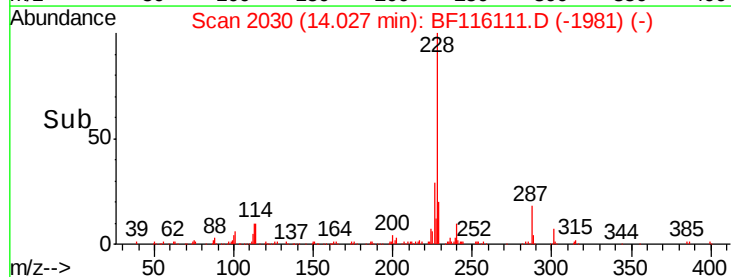
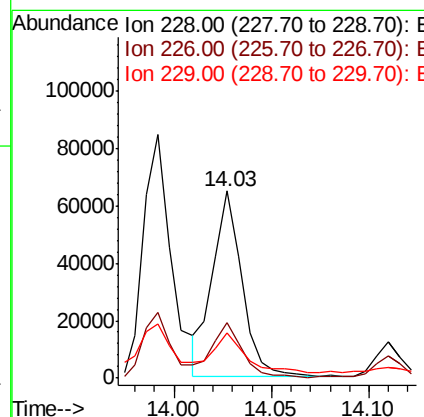
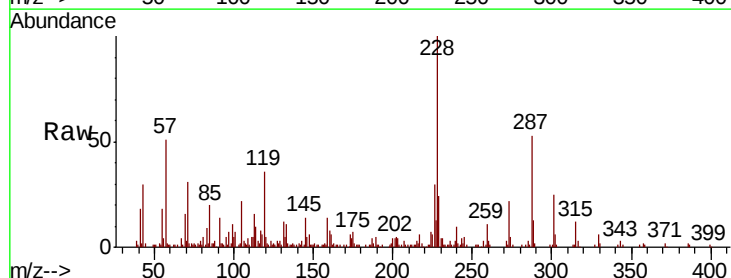
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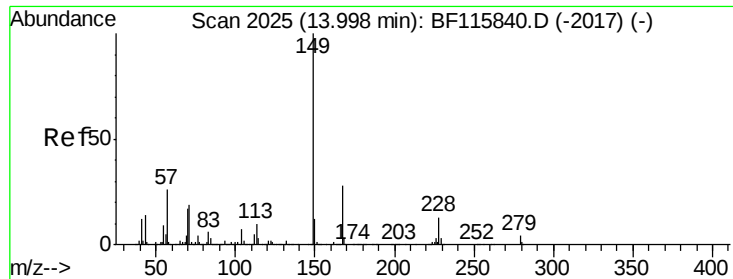
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#83
Chrysene
Concen: 2.876 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.5	38.3
229	24.2	16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.403 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116111.D

Acq: 9 Aug 2019 14:19

Instrument :

BNA_F

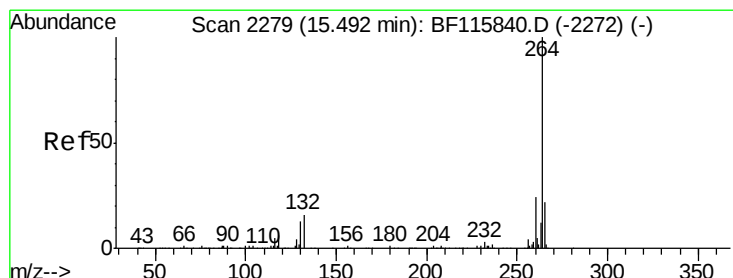
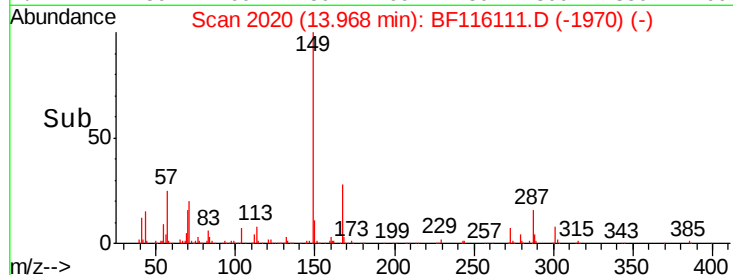
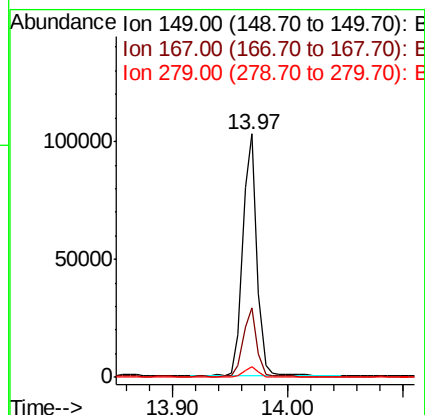
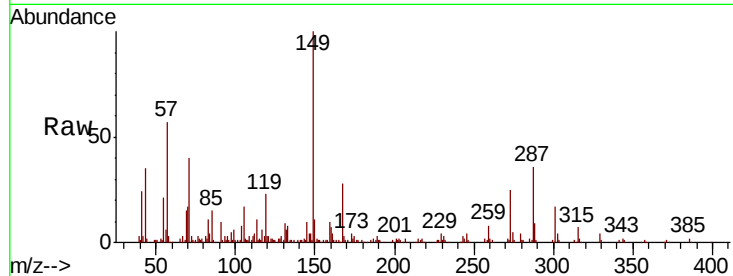
ClientSampleId :

2S-H1-H4-COMP-(0-1)

Tot Ion:	149	Resp:	86502
Ion Ratio	Lower	Upper	
149	100		
167	28.3	21.6	32.4
279	4.4	3.0	4.4

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#87

Perylene-d12

Concen: 20.000 ng

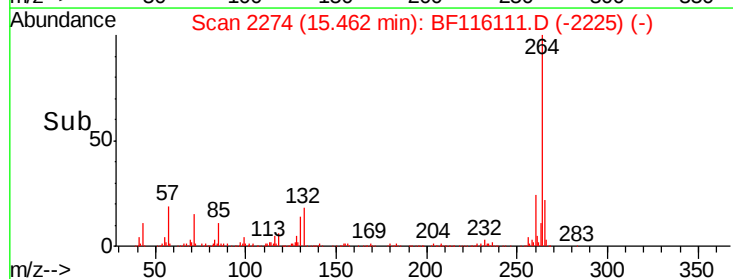
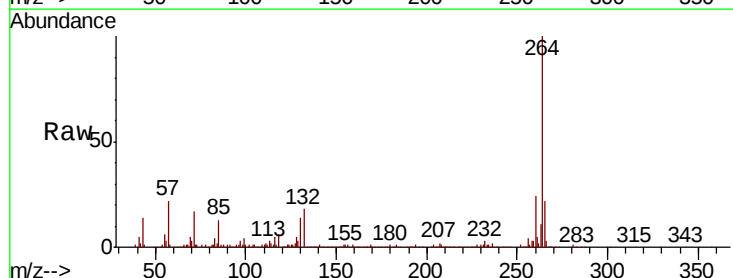
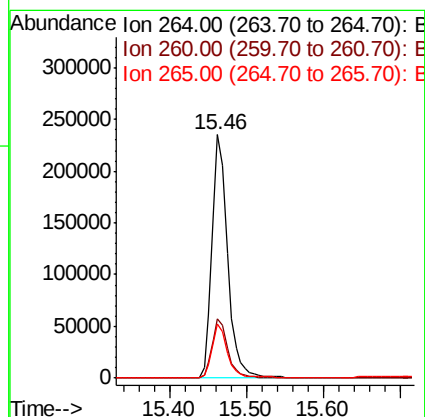
RT: 15.46 min Scan# 2274

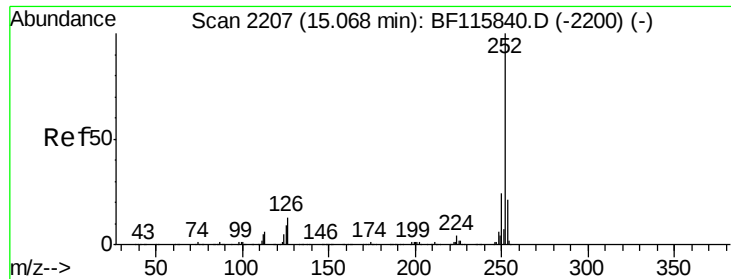
Delta R.T. -0.01 min

Lab File: BF116111.D

Acq: 9 Aug 2019 14:19

Tgt Ion:	264	Resp:	329399
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.7	29.5
265	22.0	17.4	26.0





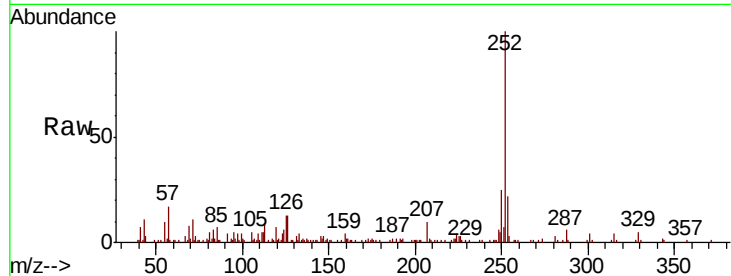
#88
Benzo(b)fluoranthene
Concen: 3.885 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	12.8	8.4	12.6

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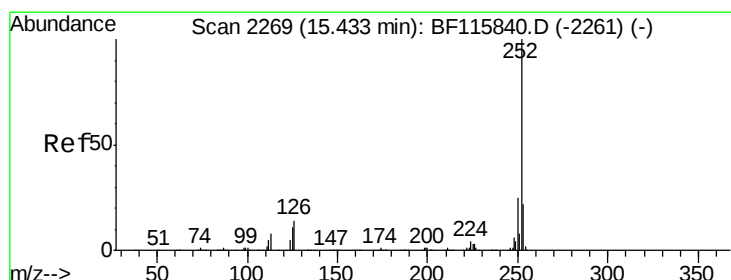
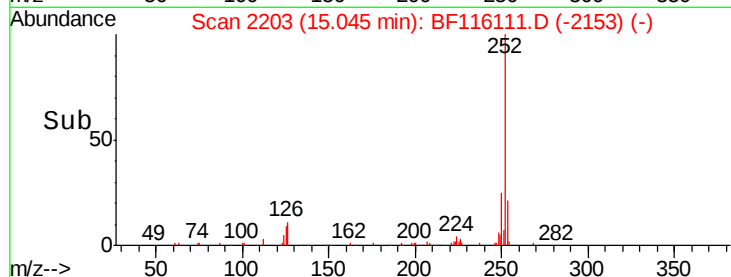
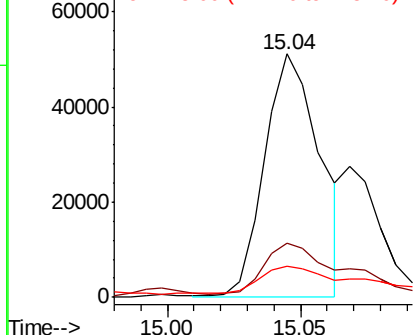


Abundance

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



#90
Benzo(a)pyrene
Concen: 3.020 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116111.D
Acq: 9 Aug 2019 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.6	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

