

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116051.D
 Acq On : 7 Aug 2019 17:07
 Operator : HP/JU
 Sample : K4152-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

Manual Integrations
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 8/8/2019 4:46:53 PM

Quant Time: Aug 08 08:02:13 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	6.85	152	142119	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	558028	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	291441	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	471318	20.00	ng	0.00
76) Chrysene-d12	14.00	240	266009	20.00	ng	0.00
87) Perylene-d12	15.47	264	331182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	964109	113.57	ng	0.00
7) Phenol-d6	6.48	99	1260289	117.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	827053	85.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	263347	93.20	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1278559	82.17	ng	0.00
79) Terphenyl-d14	12.95	244	1101788	87.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	293375	14.784	ng	99
71) Phenanthrene	11.39	178	301659	12.520	ng	99
72) Anthracene	11.44	178	97719	4.007	ng	97
75) Fluoranthene	12.58	202	424925	16.845	ng	88
78) Pyrene	12.81	202	342674	17.089	ng	# 88
81) Benzo(a)anthracene	14.00	228	152613	8.976	ng	97
83) Chrysene	14.03	228	134155	8.127	ng	94
86) Indeno(1,2,3-cd)pyrene	16.94	276	80028	5.772	ng	95
88) Benzo(b)fluoranthene	15.04	252	167299m	8.737	ng	
89) Benzo(k)fluoranthene	15.07	252	58834m	3.154	ng	
90) Benzo(a)pyrene	15.41	252	126778	7.406	ng	100
92) Benzo(a,h,i)perylene	17.38	276	77476	5.324	ng	97

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

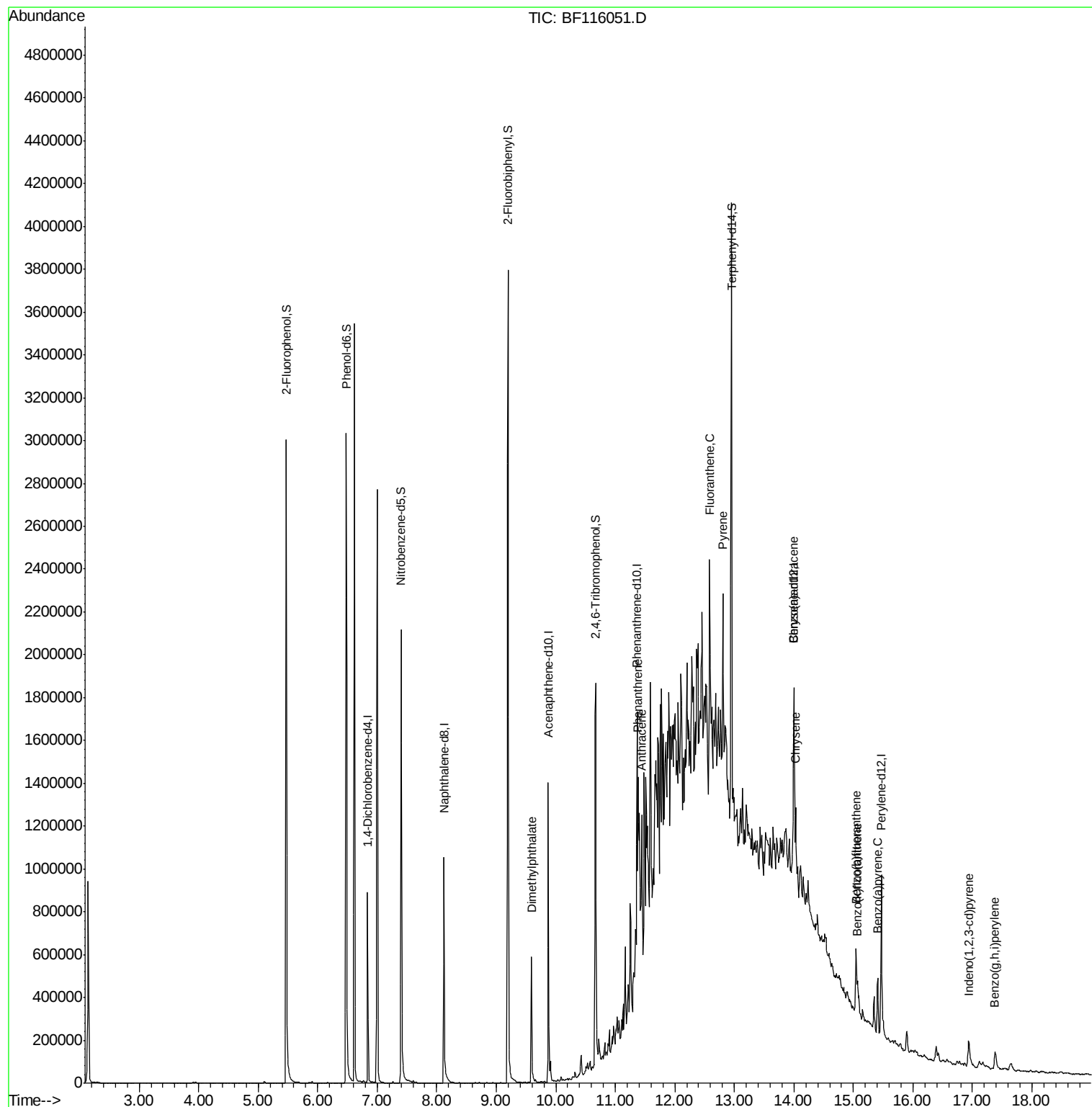
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116051.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

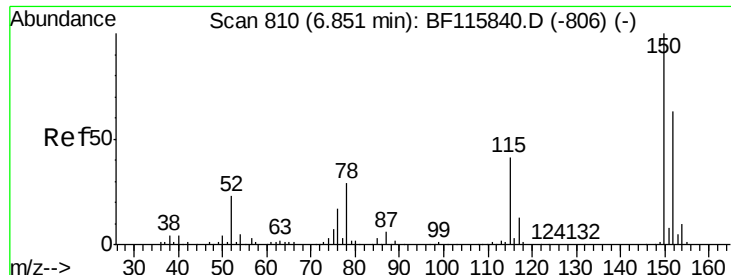
Instrument :
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ClientSampleId :
2S-E1-E4-COMP-(0-1)

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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

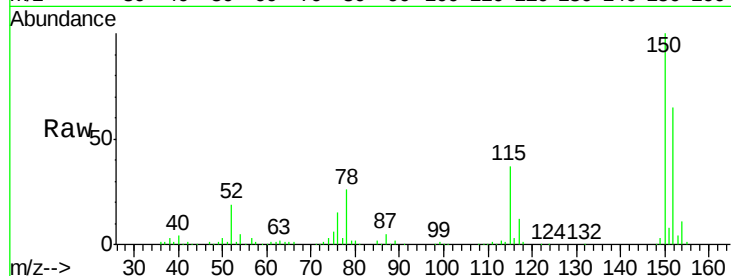
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	57.6	49.9	74.9

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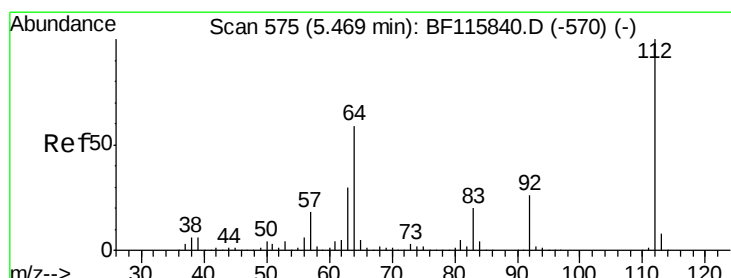
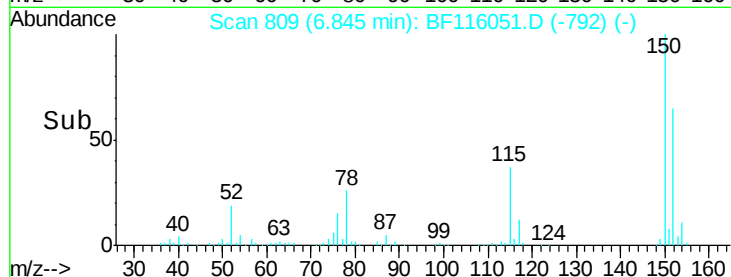
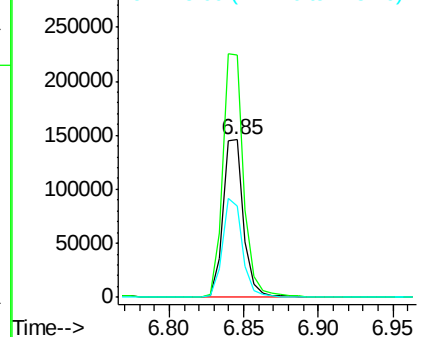


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

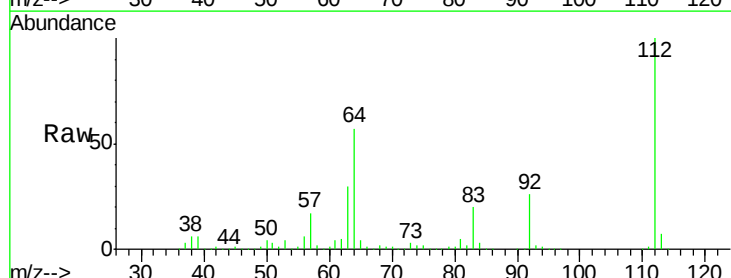
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.565 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.4	68.2
63	29.8	23.7	35.5

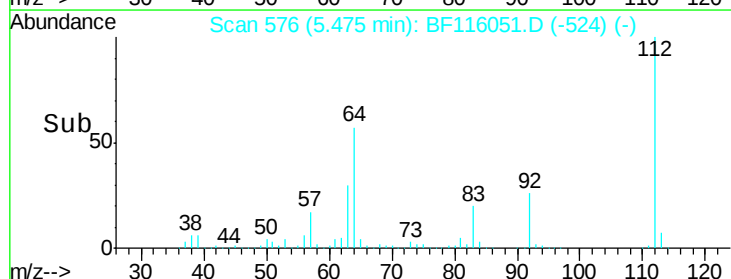
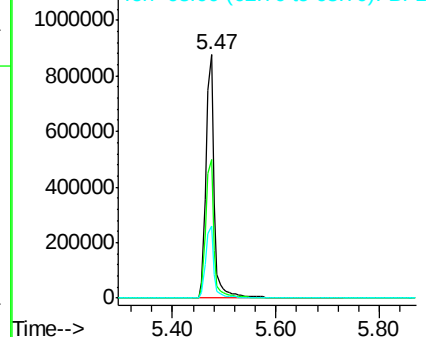


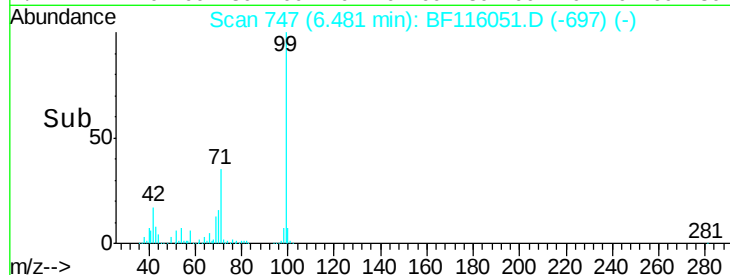
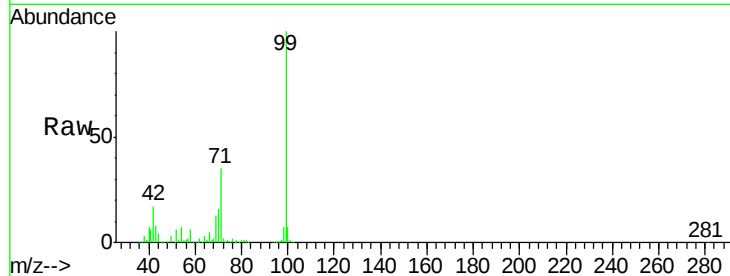
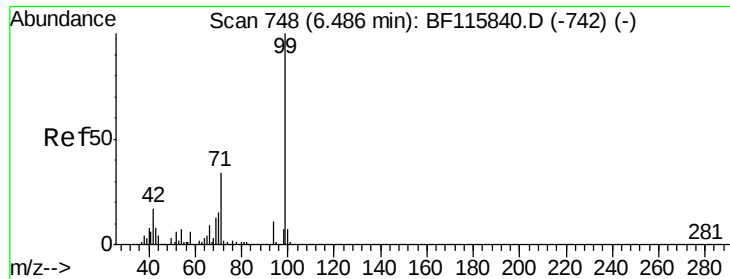
Abundance

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: 117.663 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 17:07

Tot Ion:	99	Resp:	1260289
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.8
71	34.8	27.3	40.9

Instrument :

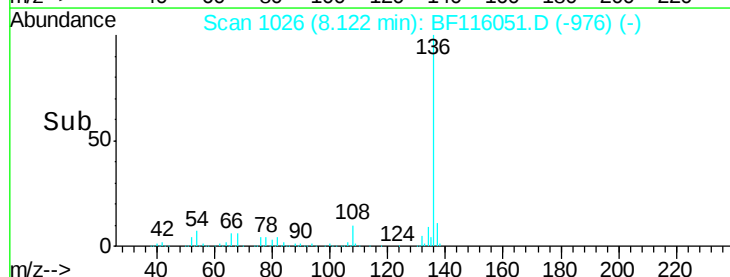
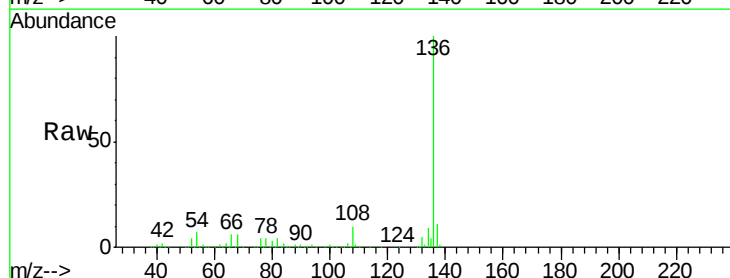
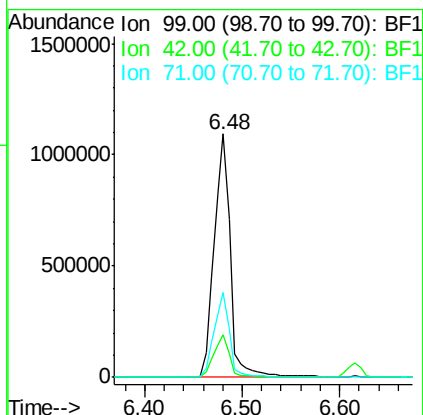
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

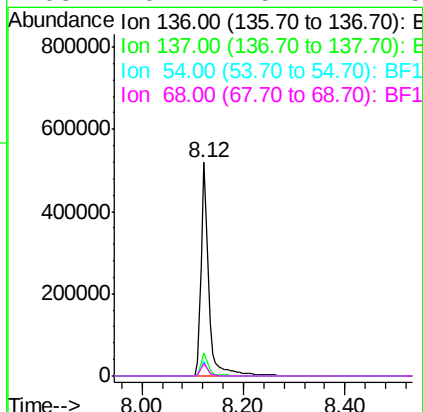
RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 17:07

Tgt Ion:	136	Resp:	558028
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.0	5.8	8.6
68	6.2	5.2	7.8





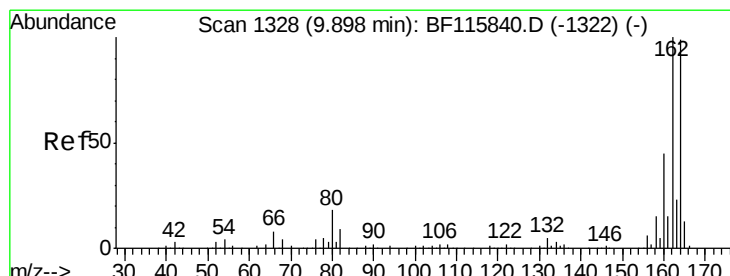
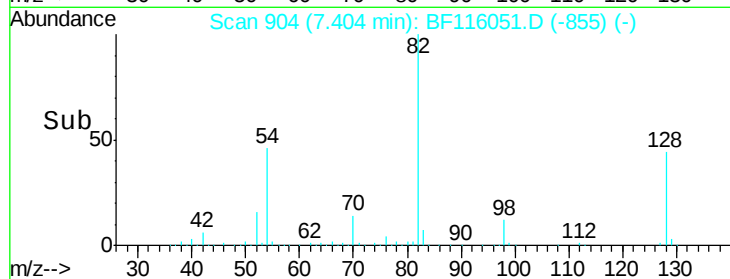
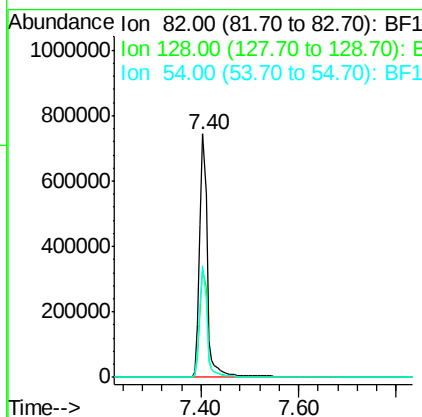
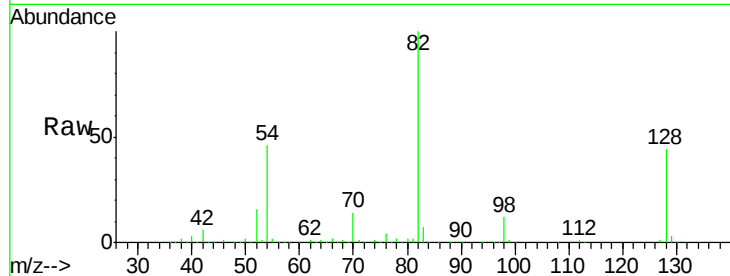
#23
Nitrobenzene-d5
Concen: 85.551 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.5	54.7
54	45.8	36.0	54.0

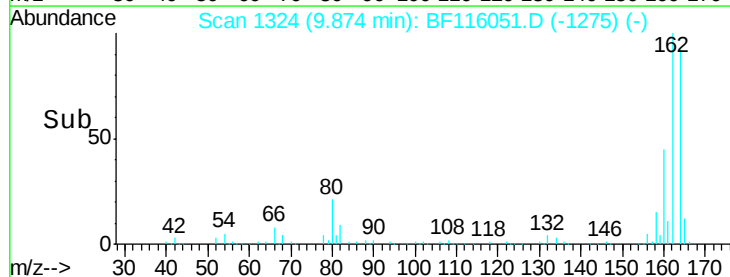
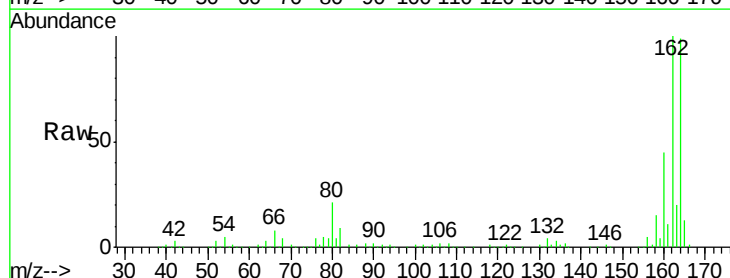
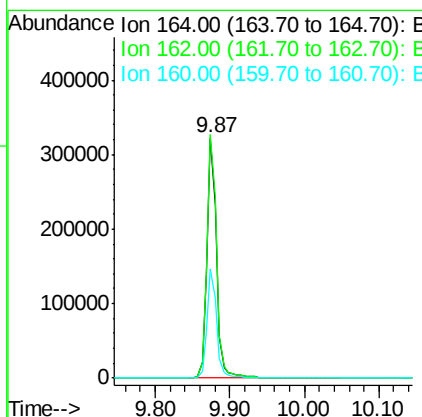
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	124.0
160	45.4	37.6	56.4





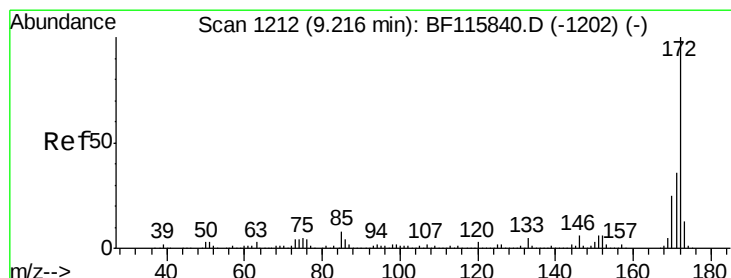
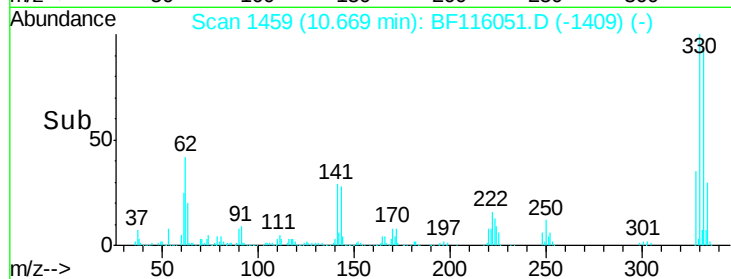
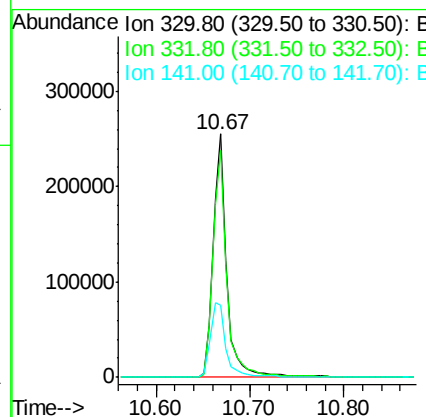
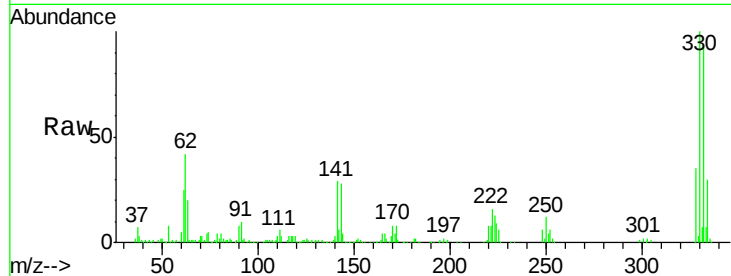
#42
 2,4,6-Tribromophenol
 Concen: 93.200 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	263347		
332	96.0	76.8	115.2	
141	34.7	26.3	39.5	

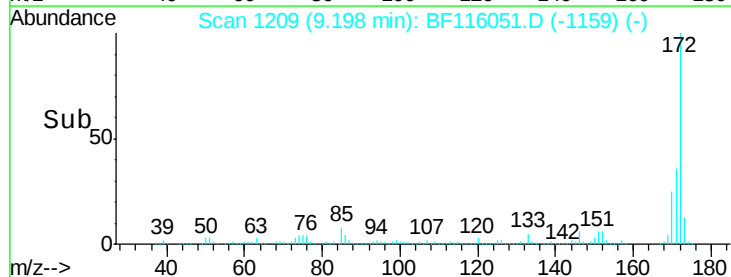
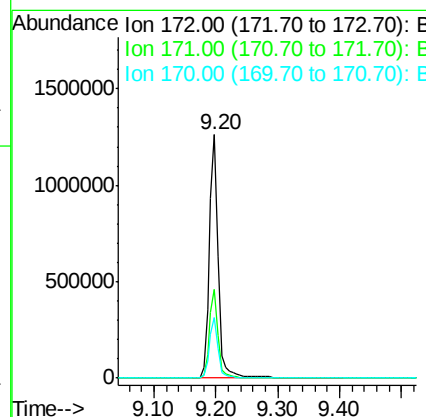
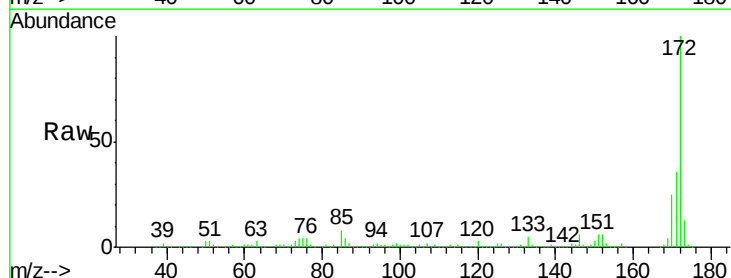
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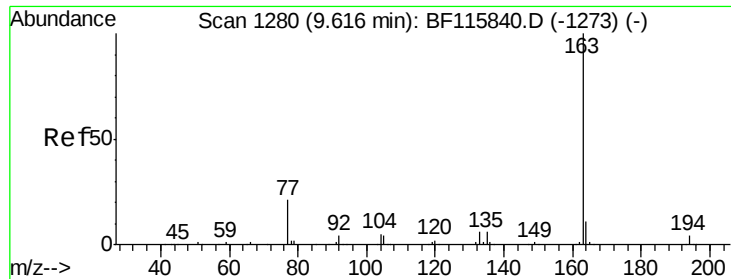
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#45
 2-Fluorobiphenyl
 Concen: 82.172 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1278559		
171	36.4	29.6	44.4	
170	24.7	20.1	30.1	





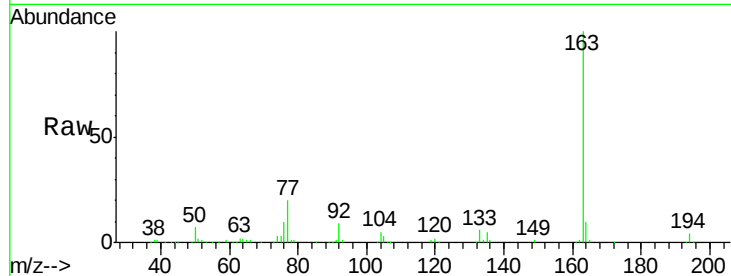
#50
Dimethylphthalate
Concen: 14.784 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

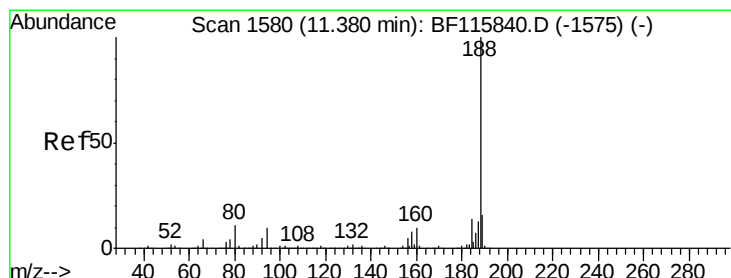
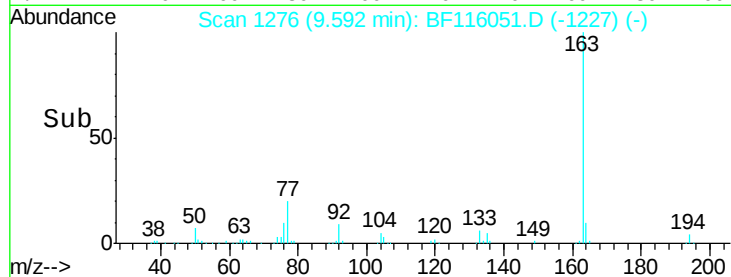
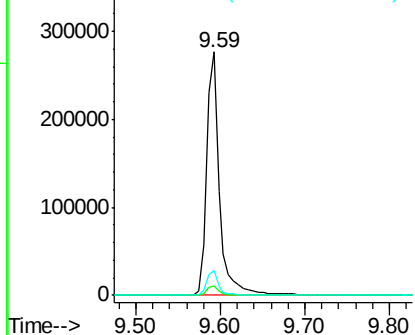
Tot Ion	Ratio	Resp	Lower	Upper
163	100	293375		
194	3.6		3.0	4.6
164	9.9		8.4	12.6

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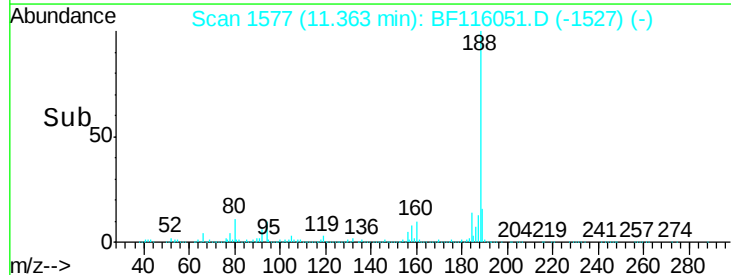
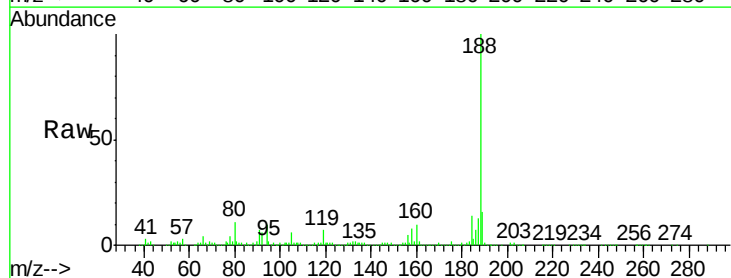
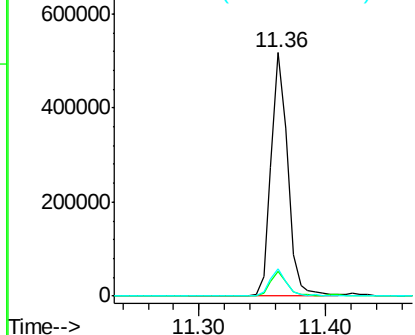
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

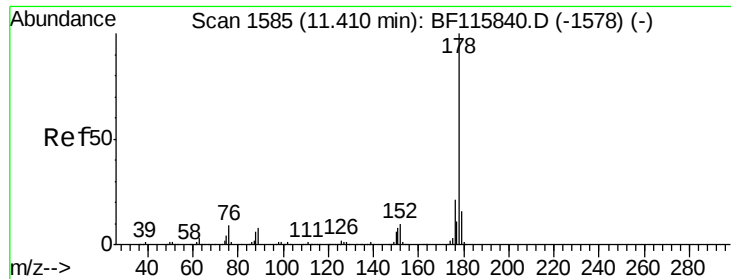


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	471318		
94	10.3		8.1	12.1
80	11.2		8.7	13.1

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





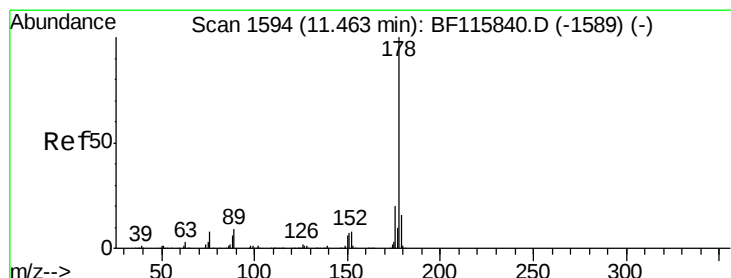
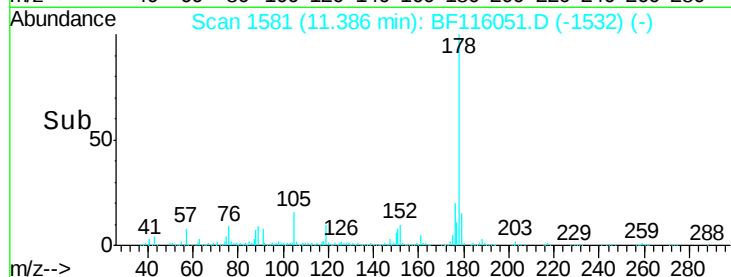
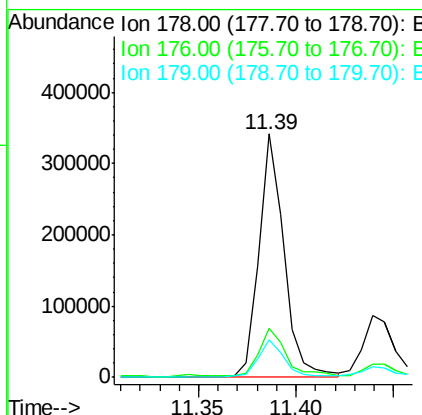
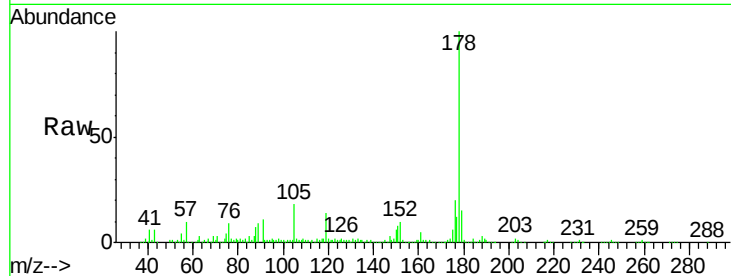
#71
Phenanthrene
Concen: 12.520 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tot Ion:178	Resp:	301659
Ion Ratio	Lower	Upper
178	100	
176	20.1	16.6 24.8
179	15.4	12.5 18.7

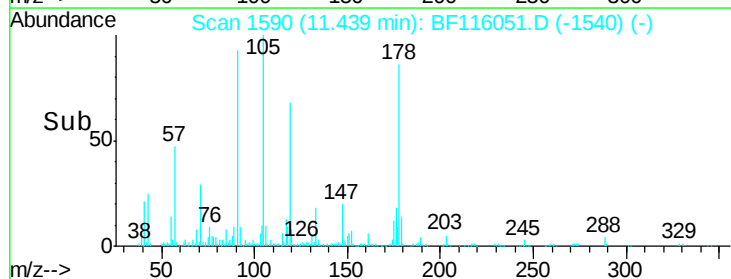
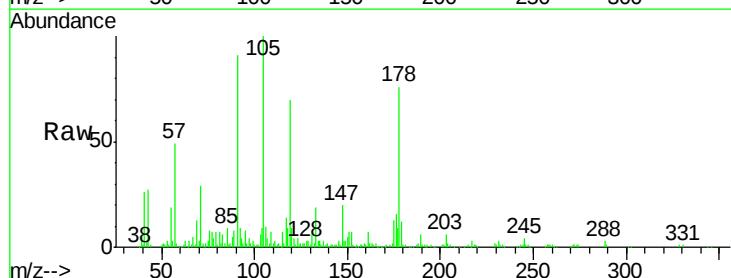
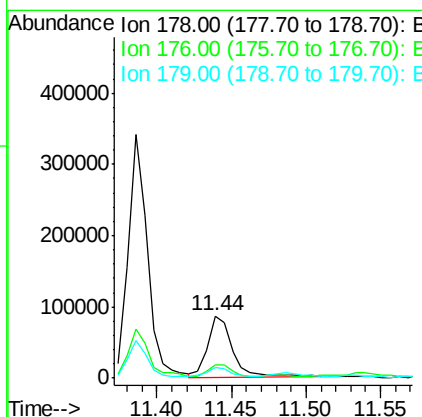
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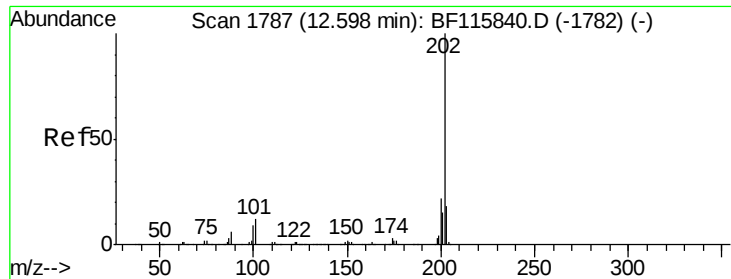
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#72
Anthracene
Concen: 4.007 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Tgt Ion:178	Resp:	97719
Ion Ratio	Lower	Upper
178	100	
176	21.7	15.7 23.5
179	16.4	13.0 19.6





#75

Fluoranthene

Concen: 16.845 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 17:07

Instrument :

BNA_F

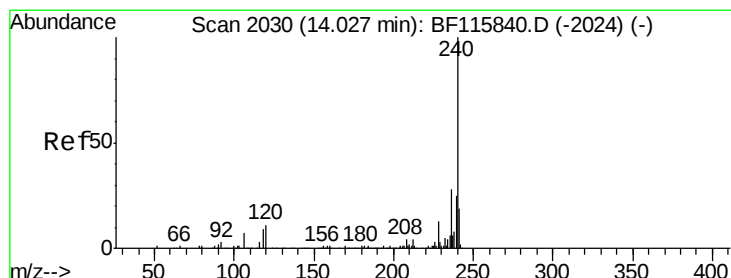
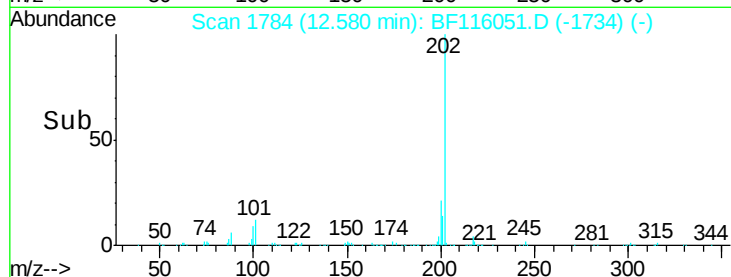
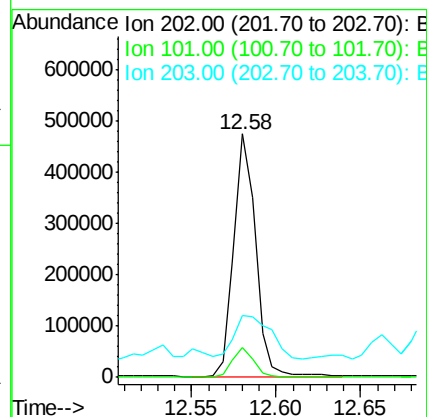
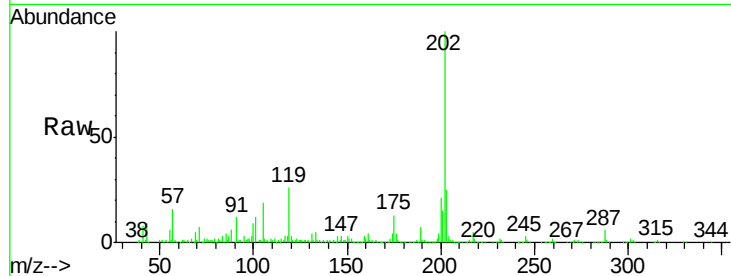
ClientSampleId :

2S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	424925		
101	12.2	0.0	31.2	
203	25.3	0.0	37.8	

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#76

Chrysene-d12

Concen: 20.000 ng

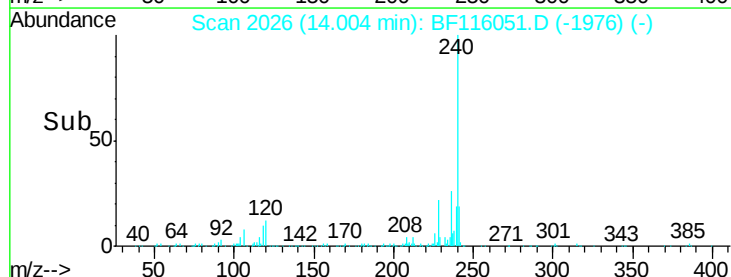
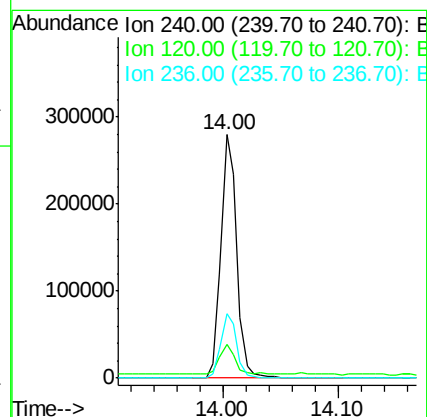
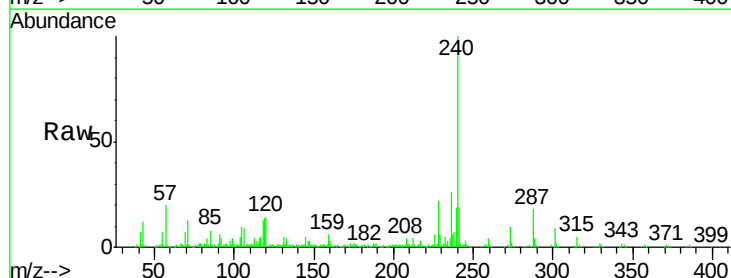
RT: 14.00 min Scan# 2026

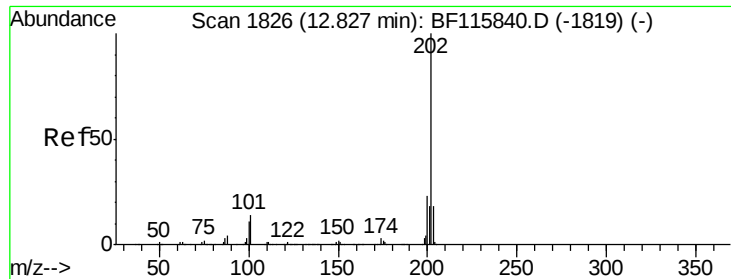
Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	266009		
120	13.7	10.7	16.1	
236	26.4	22.2	33.2	





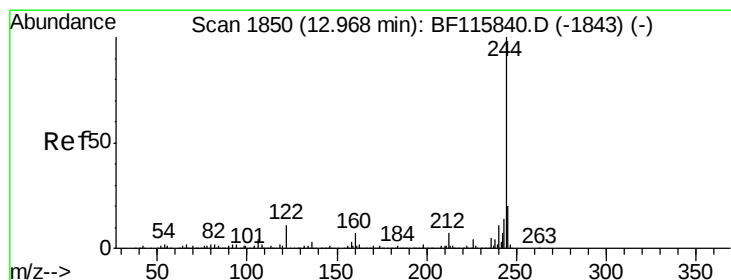
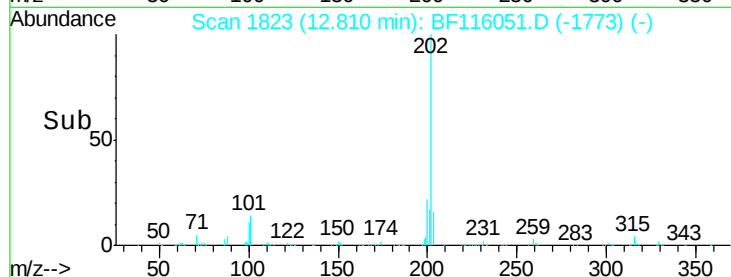
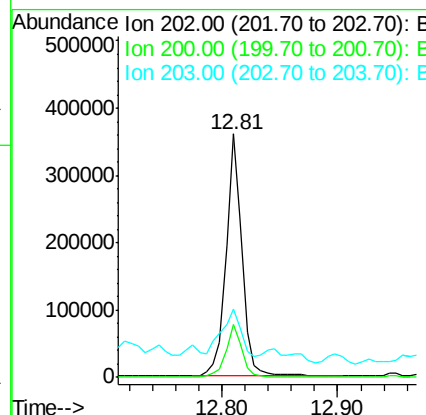
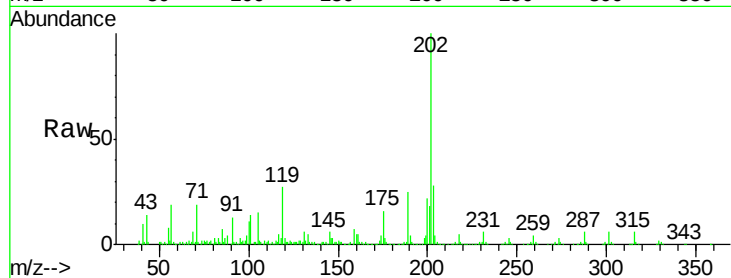
#78
Pvrene
Concen: 17.089 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.0	27.0
203	28.3	14.1	21.1

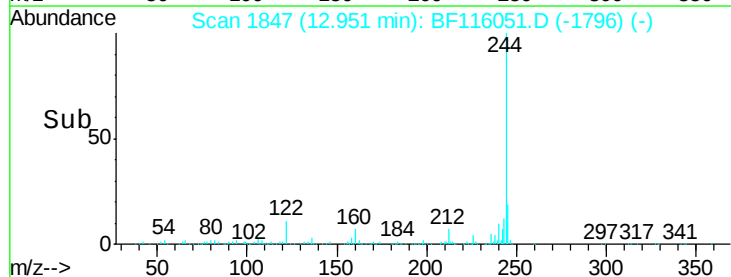
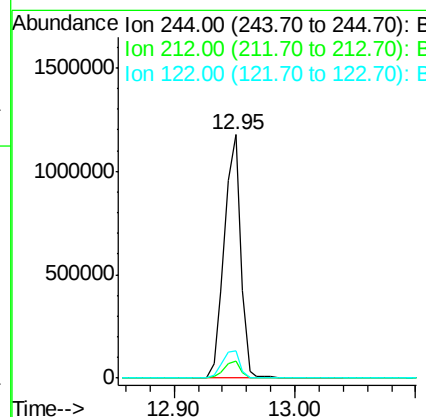
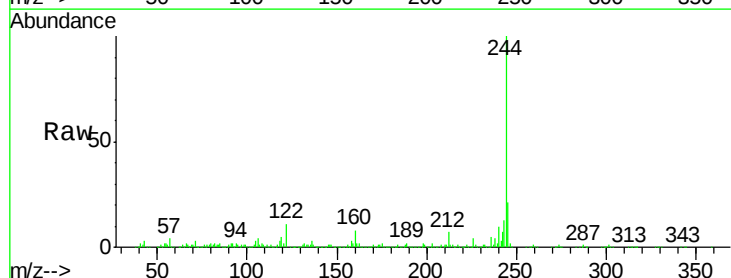
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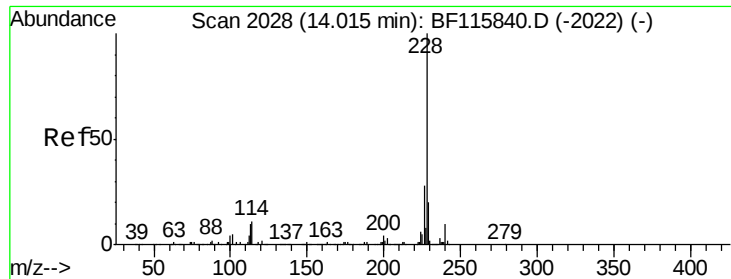
mohammad
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#79
Terphenyl-d14
Concen: 87.277 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.0	9.0	13.4





#81

Benzo(a)anthracene

Concen: 8.976 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 17:07

Instrument :

BNA_F

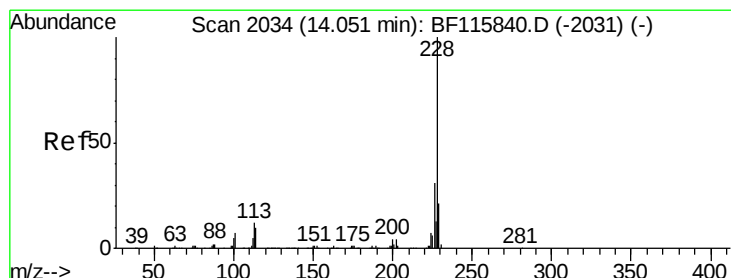
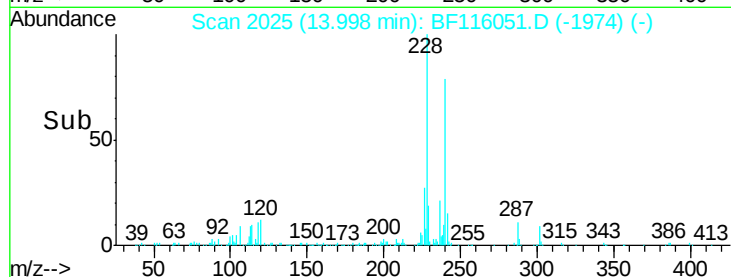
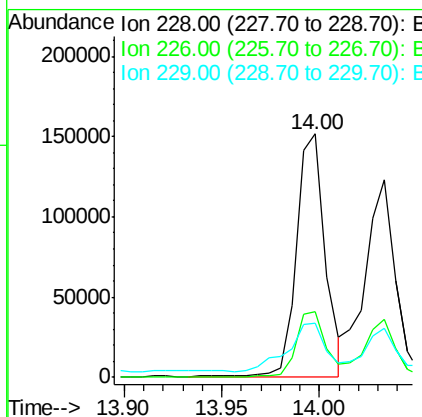
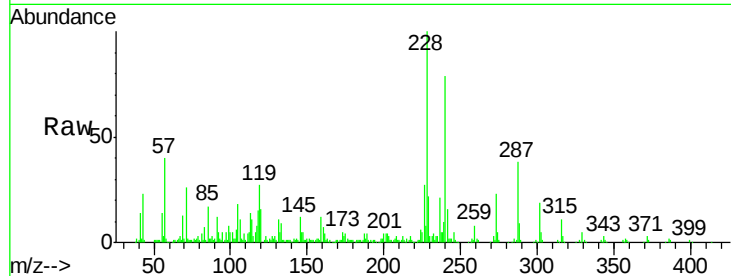
ClientSampleId :

2S-E1-E4-COMP-(0-1)

Tot Ion:	228	Resp:	152613
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.7	34.1
229	22.2	16.2	24.4

Manual Integrations
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#83

Chrysene

Concen: 8.127 ng

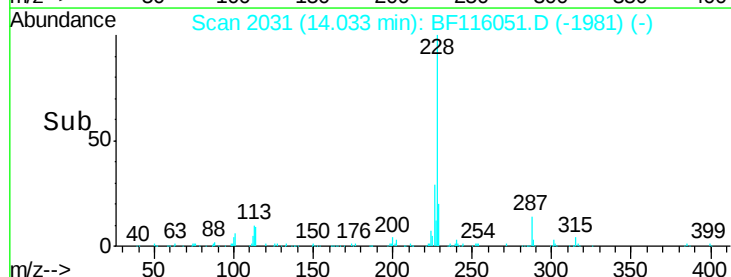
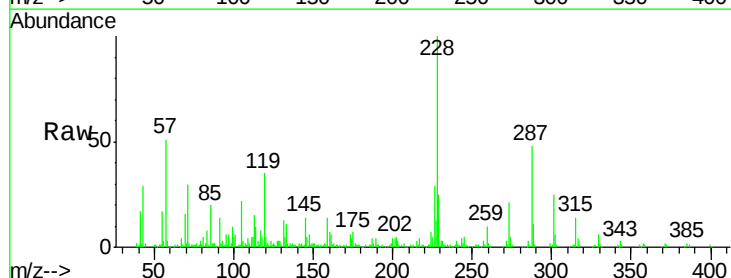
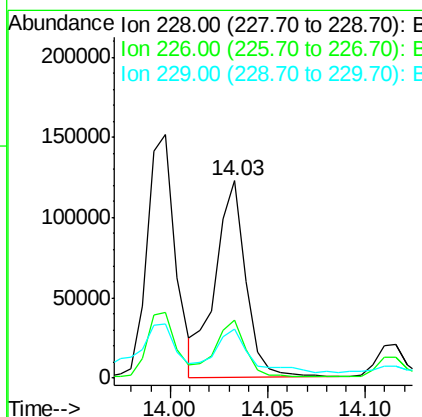
RT: 14.03 min Scan# 2031

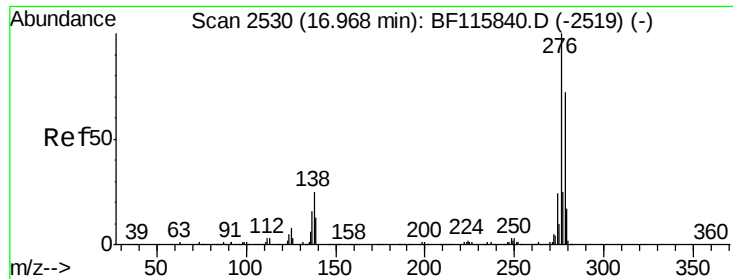
Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 17:07

Tgt Ion:	228	Resp:	134155
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.5	38.3
229	24.6	16.6	24.8





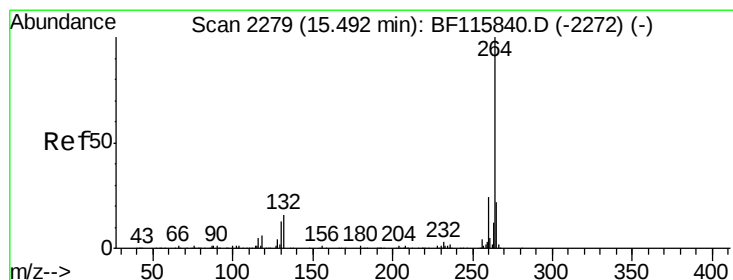
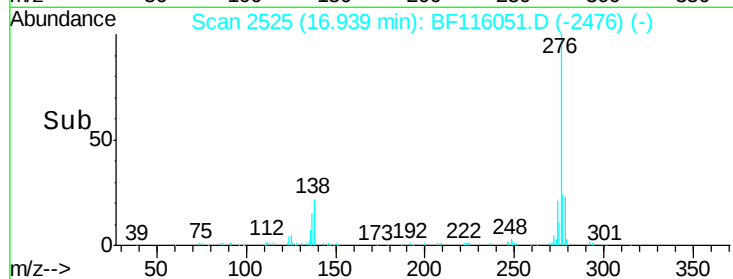
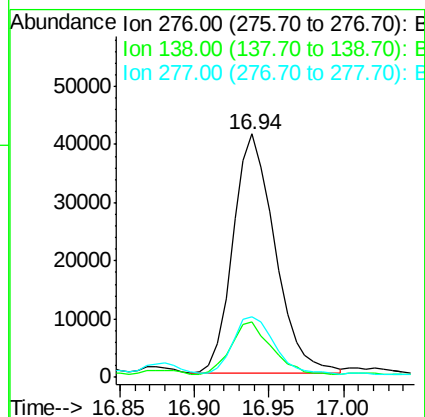
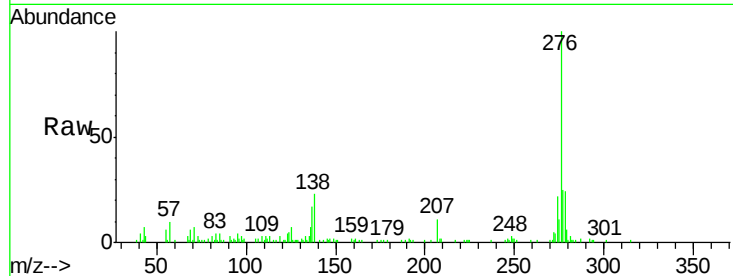
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.772 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.4	30.6
277	23.6	20.0	30.0

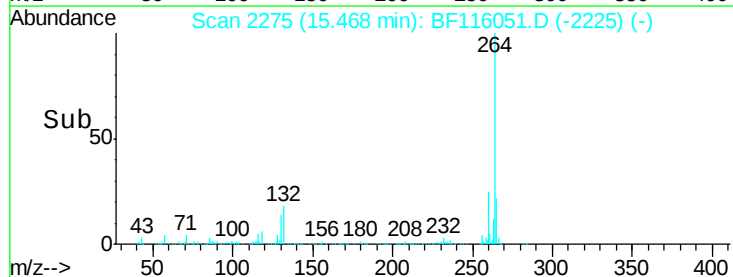
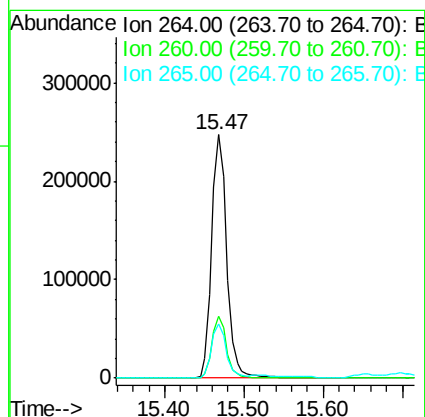
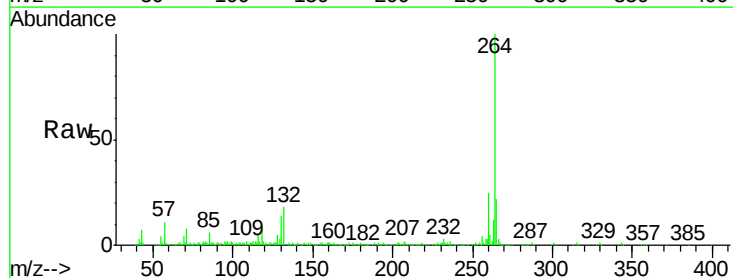
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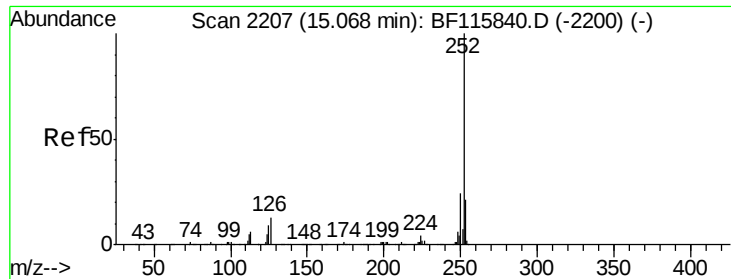
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	22.4	17.4	26.0





#88

Benzo(b)fluoranthene

Concen: 8.737 ng m

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 17:07

Instrument :

BNA_F

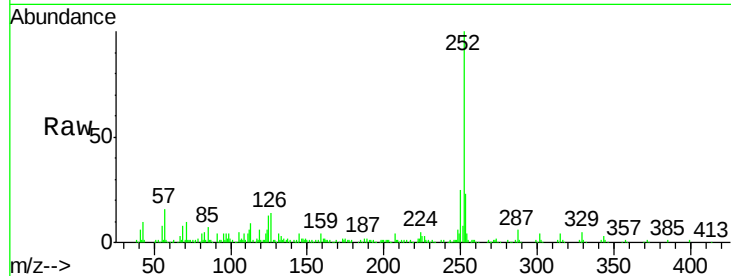
ClientSampleId :

2S-E1-E4-COMP-(0-1)

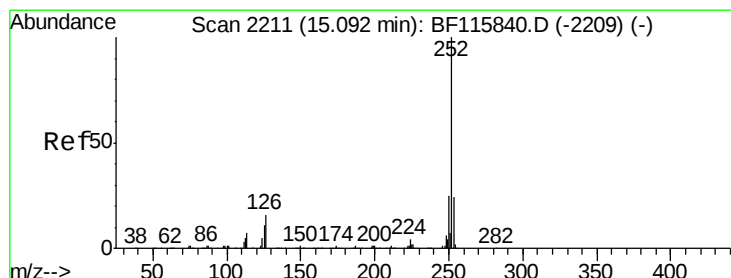
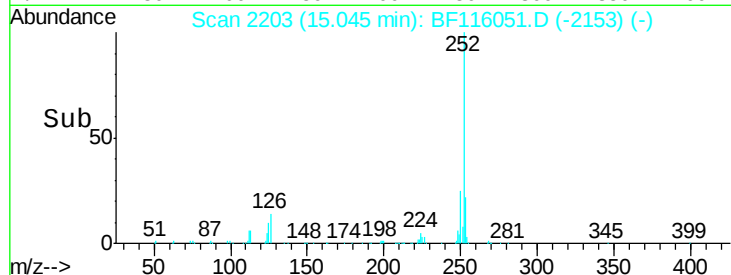
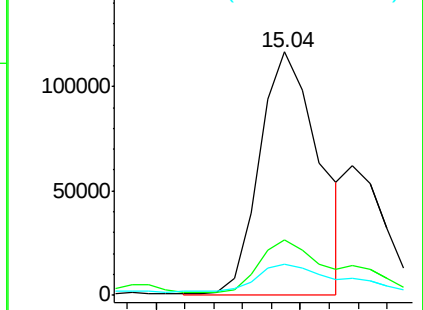
Tot Ion:	252	Resp:	167299
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	12.5	8.4	12.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 3.154 ng m

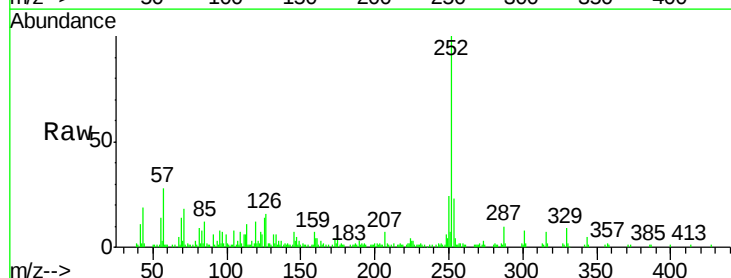
RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

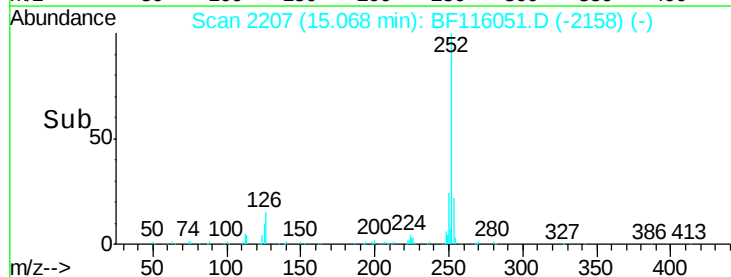
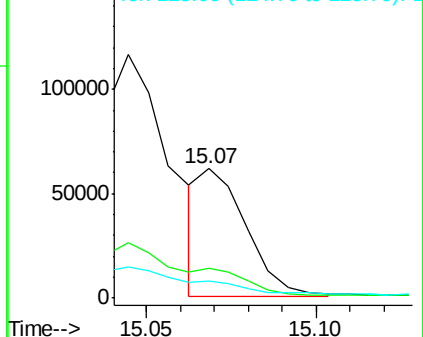
Lab File: BF116051.D

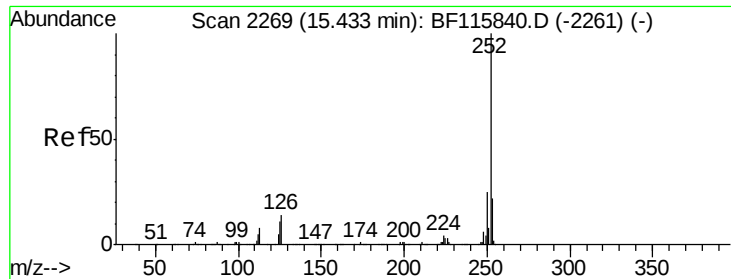
Acq: 7 Aug 2019 17:07

Tgt Ion:	252	Resp:	58834
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	13.5	7.7	11.5#



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





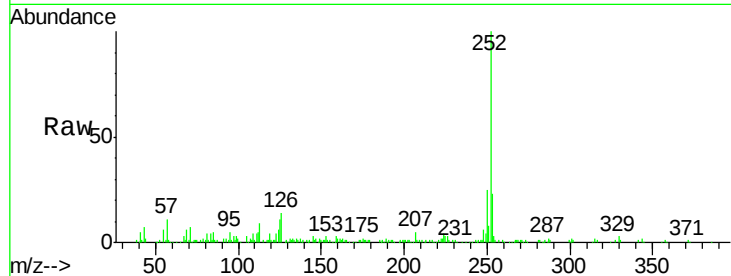
#90
Benzo(a)pyrene
Concen: 7.406 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

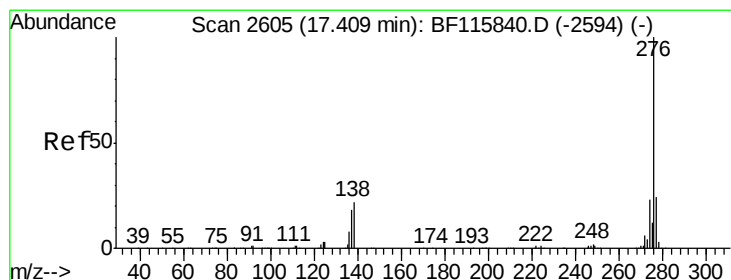
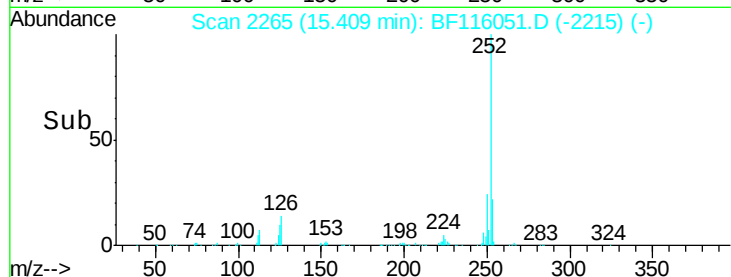
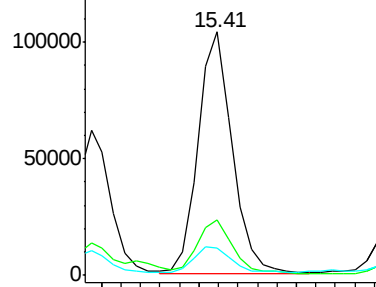
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.4	8.9	13.3

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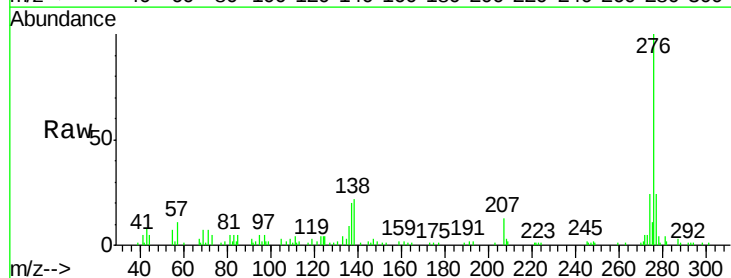


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 5.324 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 17:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	22.3	17.0	25.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

