

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116753.D
 Acq On : 1 Sep 2019 20:03
 Operator : HP/JU
 Sample : K4547-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-F

Manual Integrations
 APPROVED

mohammad
 9/5/2019 9:54:50 AM

Quant Time: Sep 02 06:43:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	87640	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	385778	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	222168	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	299325	20.00	ng	0.00
76) Chrysene-d12	14.02	240	178653	20.00	ng	0.02
87) Perylene-d12	15.50	264	156516	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	481324	88.97	ng	0.00
7) Phenol-d6	6.47	99	692519	97.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	425609	62.98	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	155561	104.74	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	836625	63.52	ng	0.00
79) Terphenyl-d14	12.96	244	609699	63.13	ng	0.01
Target Compounds						
10) Phenol	6.49	94	57092	7.258	ng	87
22) Acetophenone	7.25	105	38612	4.157	ng	# 89
50) Dimethylphthalate	9.59	163	133994	8.736	ng	98
71) Phenanthrene	11.39	178	36110	2.167	ng	# 62
75) Fluoranthene	12.59	202	62015	3.787	ng	# 58
78) Pyrene	12.82	202	50998	3.211	ng	# 58
80) Butylbenzylphthalate	13.43	149	64874	8.400	ng	# 63
83) Chrysene	14.04	228	32706	2.808	ng	# 65
84) Bis(2-ethylhexyl)phthalate	14.00	149	1161799	121.867	ng	99
88) Benzo(b)fluoranthene	15.06	252	45121m	4.768	ng	
90) Benzo(a)pyrene	15.43	252	20483	2.488	ng	# 1
92) Benzo(a,h,i)perylene	17.40	276	19710	2.682	ng	# 31

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

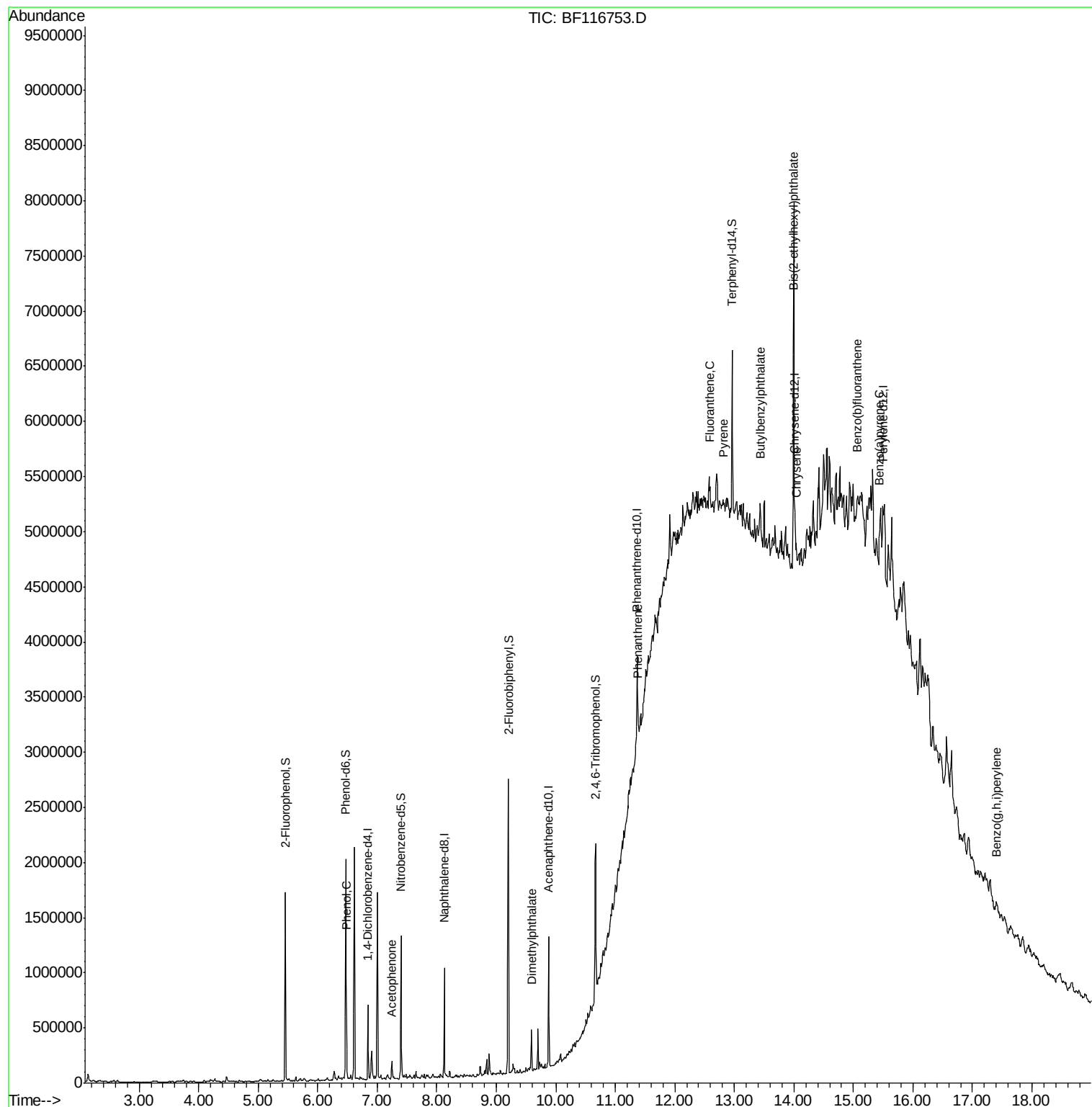
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116753.D
Acq On : 1 Sep 2019 20:03
Operator : HP/JU
Sample : K4547-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

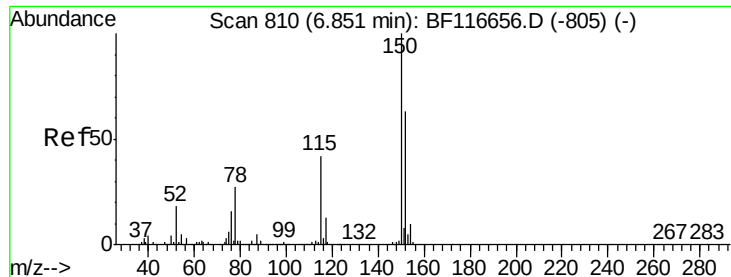
Instrument :
BNA_F
ClientSampled :
T3-S-F

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

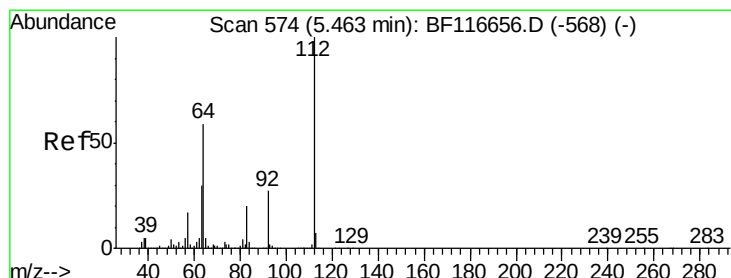
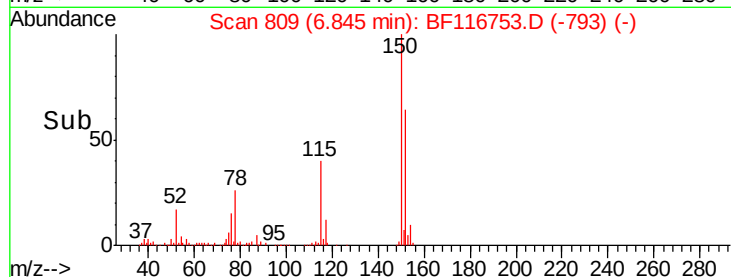
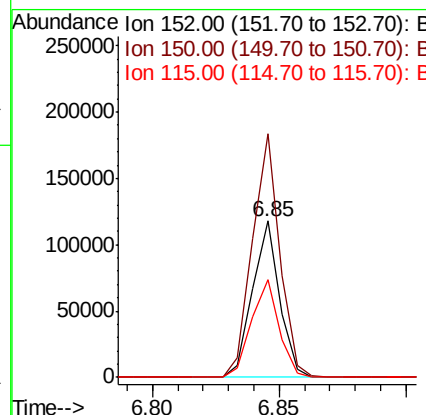
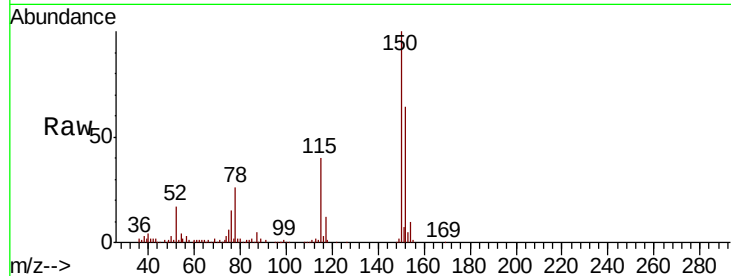
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Instrument :
BNA_F
ClientSampled :
T3-S-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.4	186.6
115	62.5	49.9	74.9

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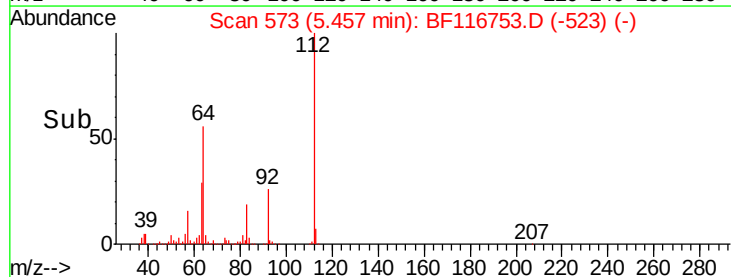
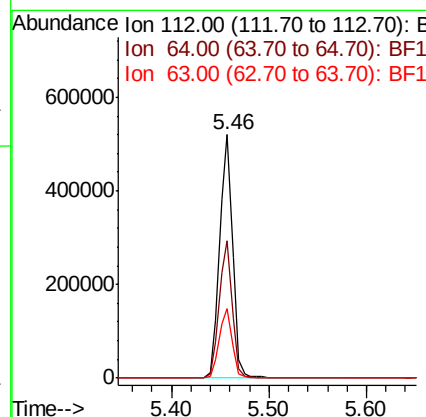
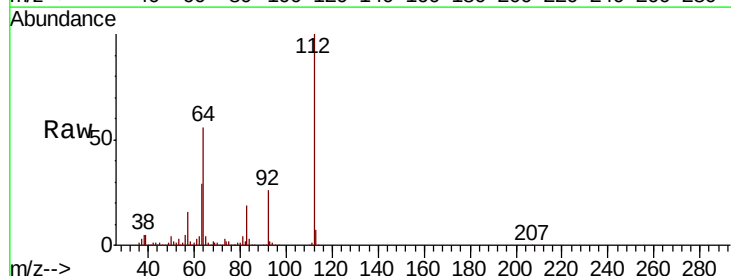
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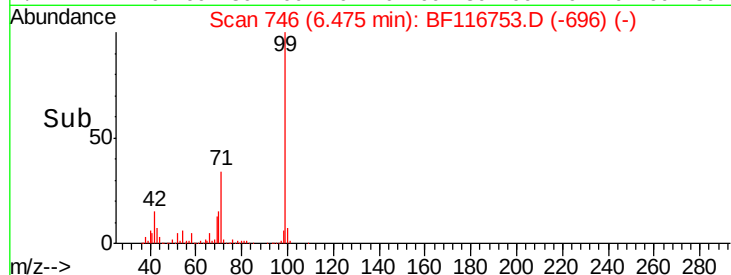
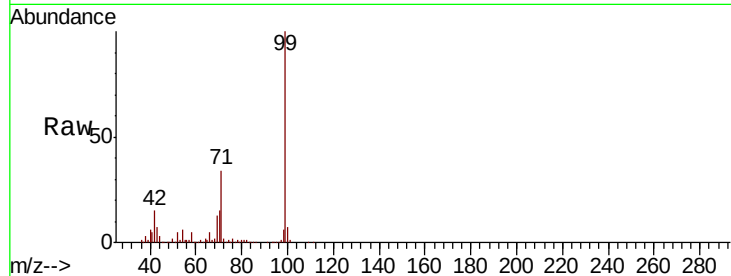
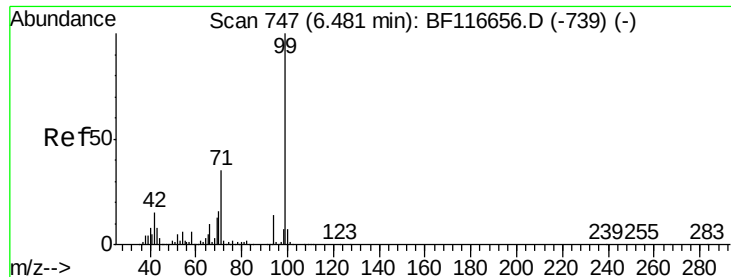


#5

2-Fluorophenol
Concen: 88.974 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.1	70.7
63	28.8	24.9	37.3





#7

Phenol-d6

Concen: 97.490 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

Tot Ion:	99	Resp:	692519
Ion Ratio	Lower	Upper	
99	100		
42	14.8	13.7	20.5
71	34.3	30.8	46.2

Instrument :

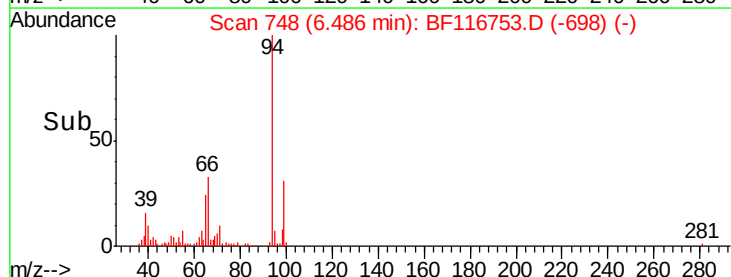
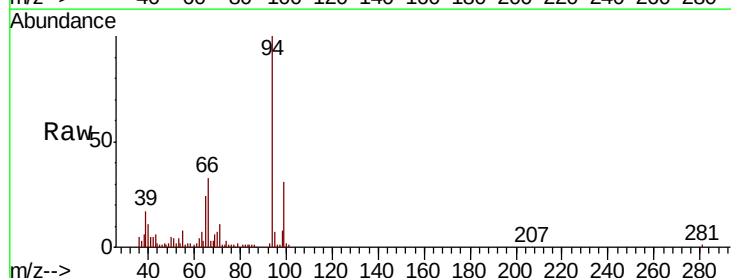
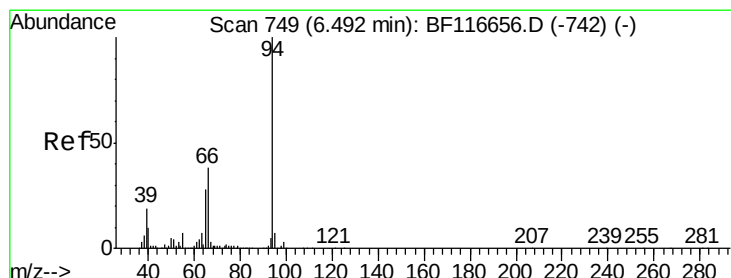
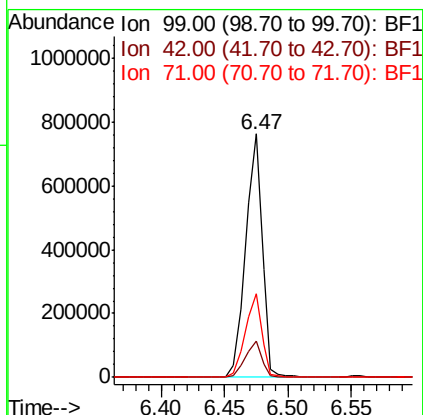
BNA_F

ClientSampled :

T3-S-F

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#10

Phenol

Concen: 7.258 ng

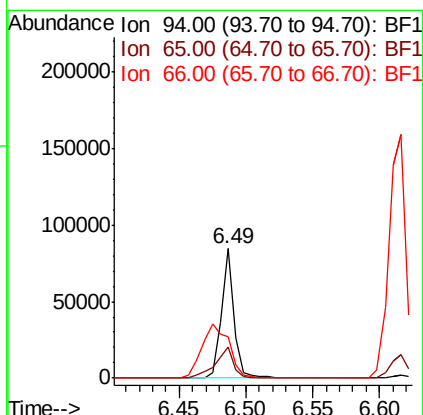
RT: 6.49 min Scan# 748

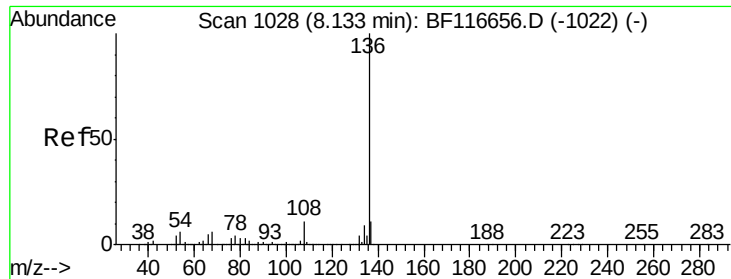
Delta R.T. -0.01 min

Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

Tgt Ion:	94	Resp:	57092
Ion Ratio	Lower	Upper	
94	100		
65	24.4	10.8	50.8
66	32.5	21.1	61.1





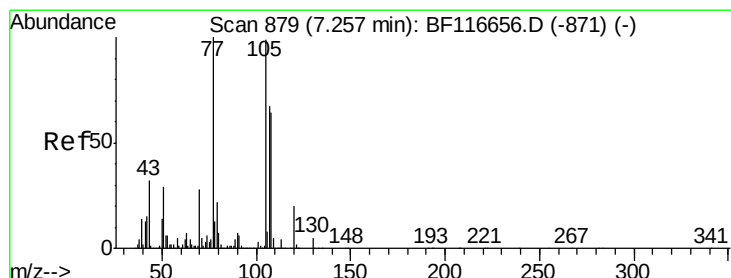
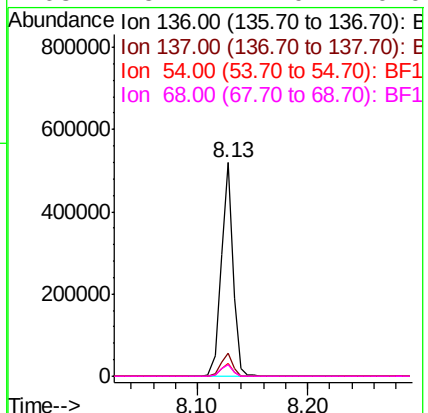
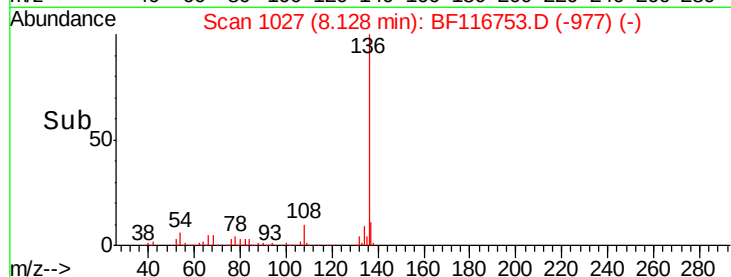
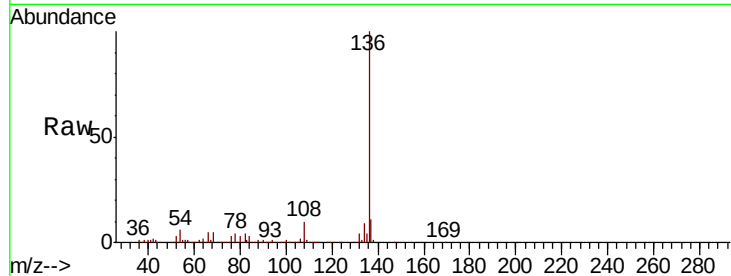
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
T3-S-F

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		385778		
137	10.6		8.9	13.3	
54	5.7		4.8	7.2	
68	5.2		4.0	6.0	

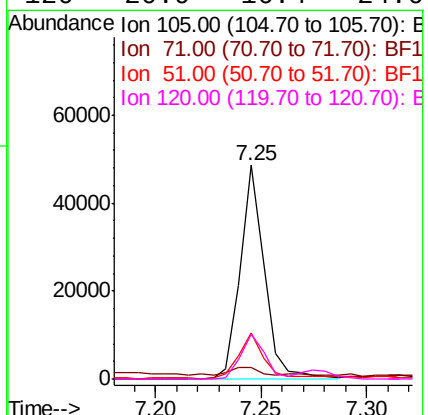
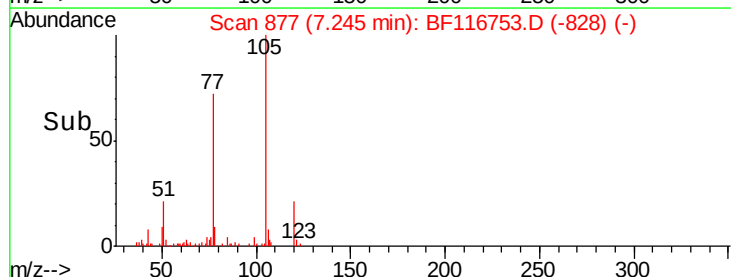
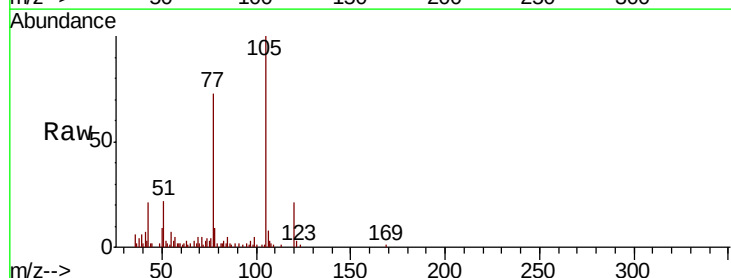
Manual Integrations
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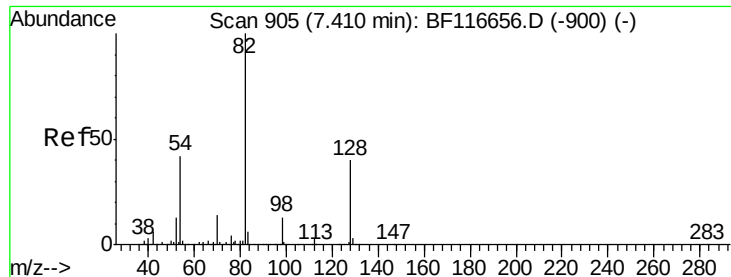
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#22
Acetophenone
Concen: 4.157 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		38612		
71	5.3		4.2	6.4	
51	21.6		25.8	38.8	
120	20.9		16.4	24.6	





#23

Nitrobenzene-d5

Concen: 62.982 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

Instrument :

BNA_F

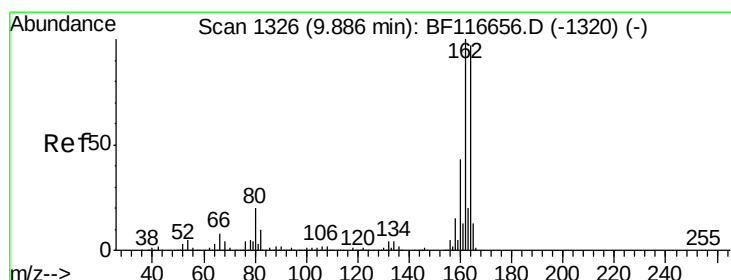
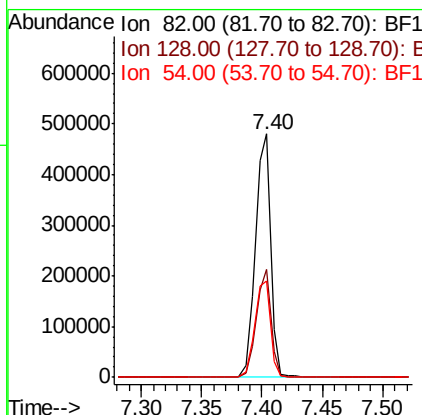
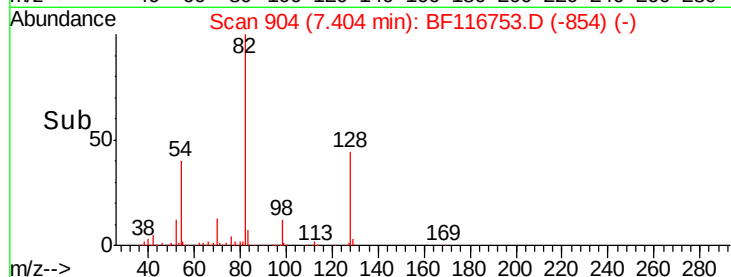
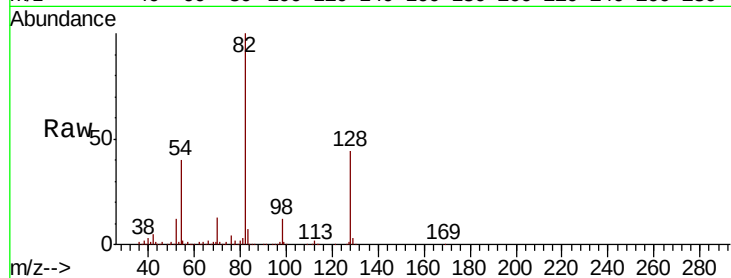
ClientSampled :

T3-S-F

Tot Ion:	82	Resp:	425609
Ion Ratio	Lower	Upper	
82	100		
128	44.3	32.8	49.2
54	39.7	36.9	55.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

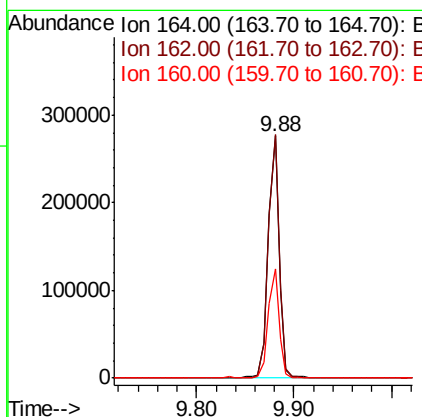
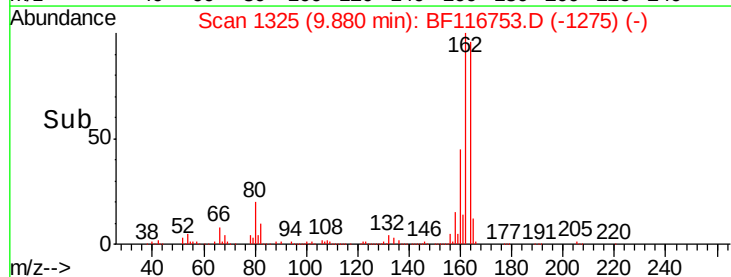
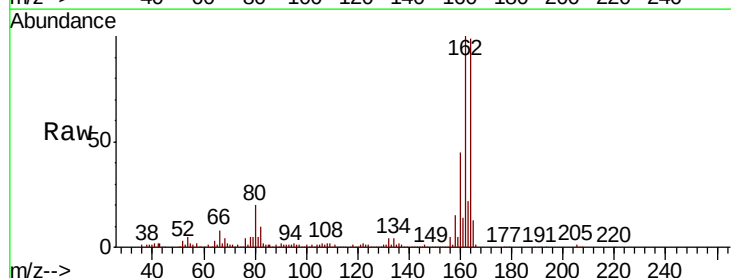
RT: 9.88 min Scan# 1325

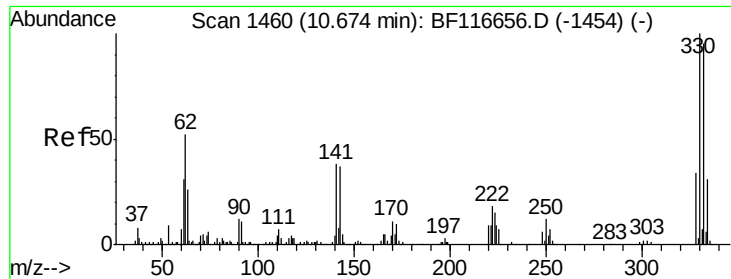
Delta R.T. -0.01 min

Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

Tgt Ion:	164	Resp:	222168
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.4	122.0
160	44.9	35.4	53.2





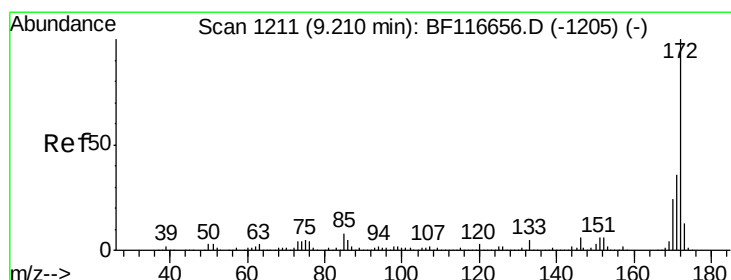
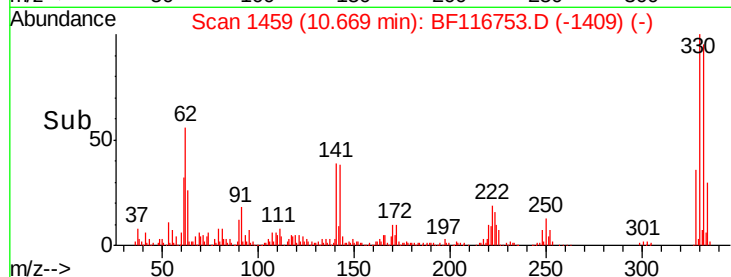
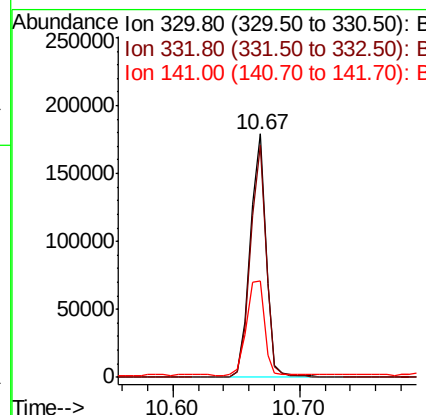
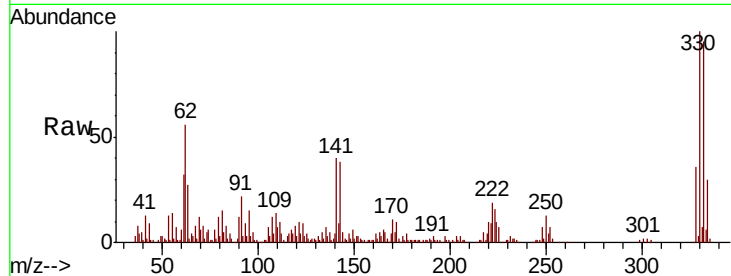
#42
 2,4,6-Tribromophenol
 Concen: 104.738 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116753.D
 Acq: 1 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-F

Tot Ion	Ratio	Resp	Lower	Upper
330	100	155561		
332	95.1	76.9	115.3	
141	43.8	31.4	47.2	

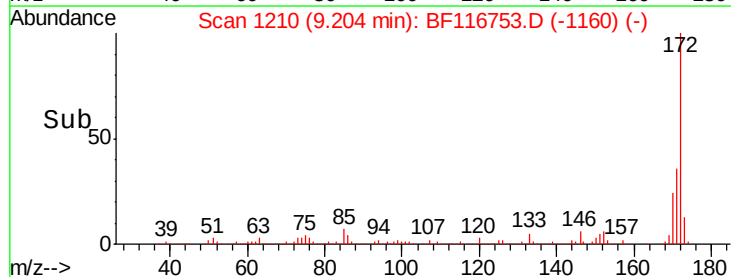
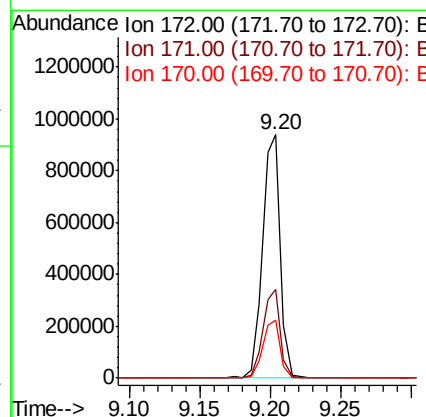
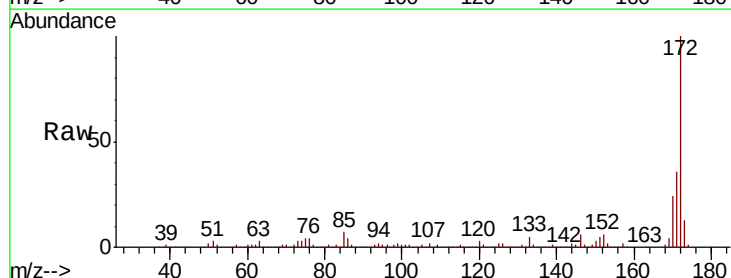
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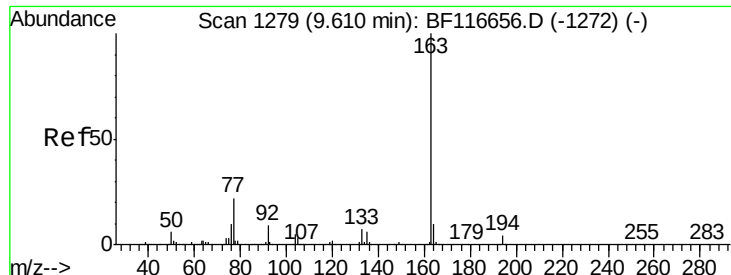
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#45
 2-Fluorobiphenyl
 Concen: 63.524 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116753.D
 Acq: 1 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	836625		
171	36.3	27.8	41.6	
170	23.9	18.9	28.3	





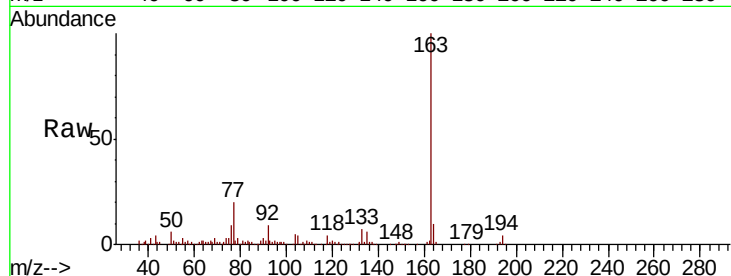
#50
Dimethylphthalate
Concen: 8.736 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
T3-S-F

Tot Ion	Ratio	Resp	Lower	Upper
163	100	133994		
194	3.9	2.8	4.2	
164	9.8	8.6	12.8	

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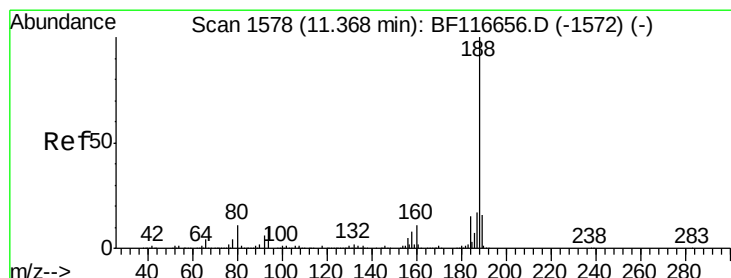
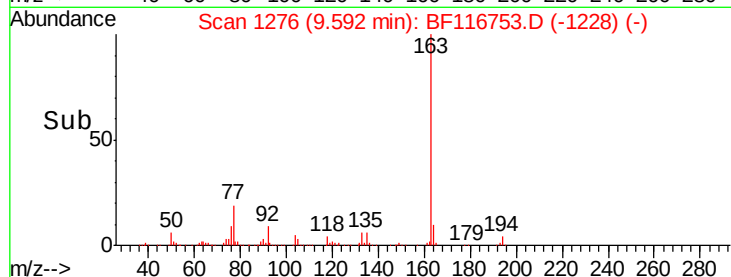
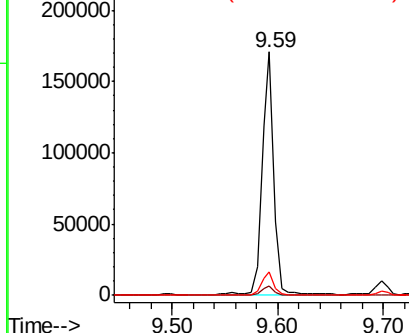


Abundance

Ion 163.00 (162.70 to 163.70): E

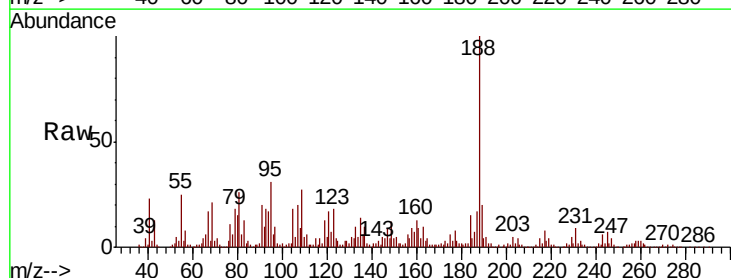
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	299325		
94	17.1	7.3	10.9#	
80	15.3	8.4	12.6#	

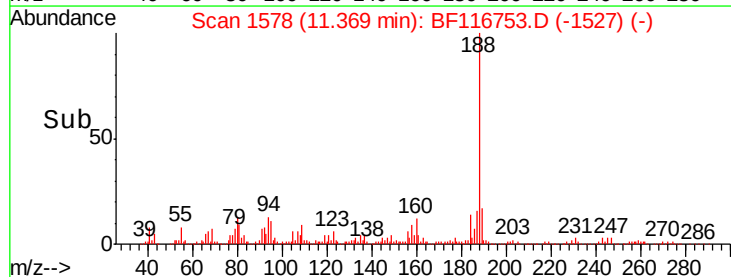
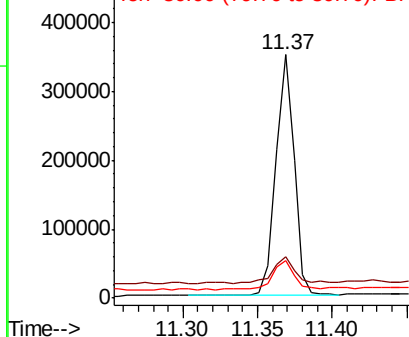


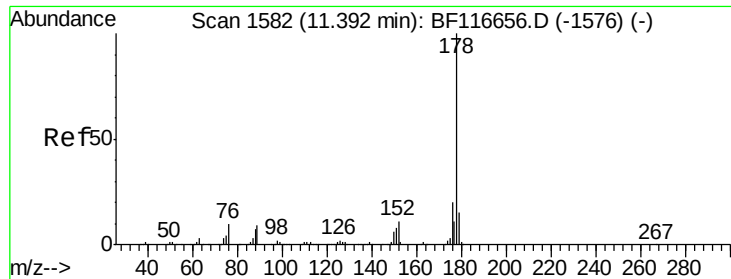
Abundance

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





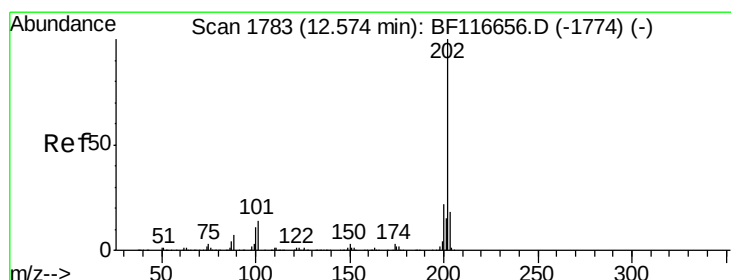
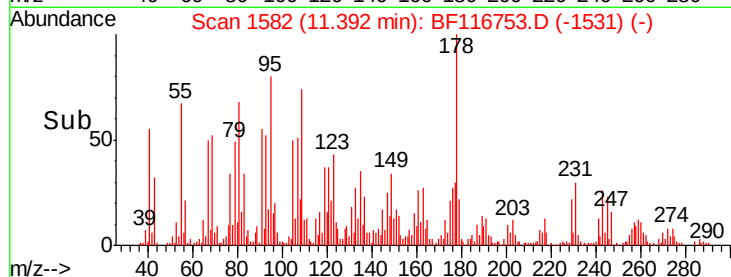
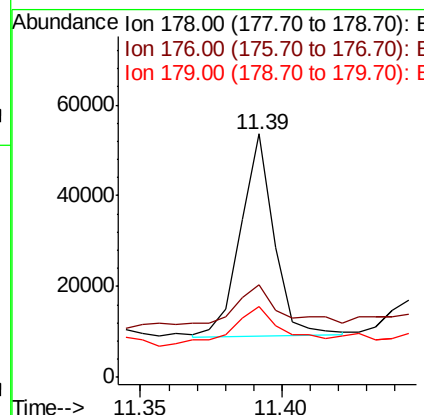
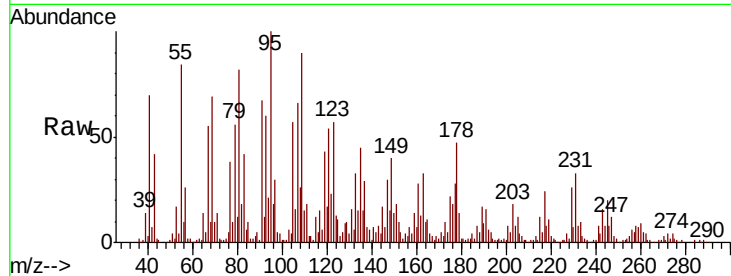
#71
Phenanthrene
Concen: 2.167 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Instrument :
BNA_F
ClientSampled :
T3-S-F

Tot Ion	Ratio	Lower	Upper
178	100		
176	38.2	15.4	23.0#
179	29.1	12.2	18.2#

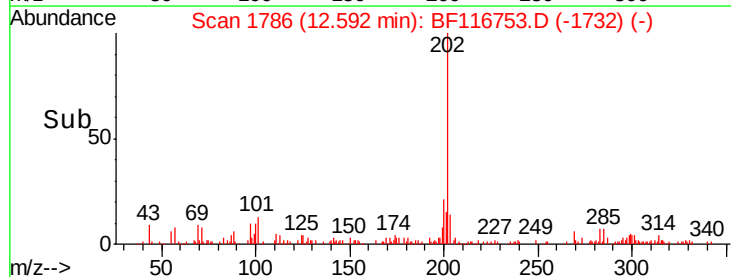
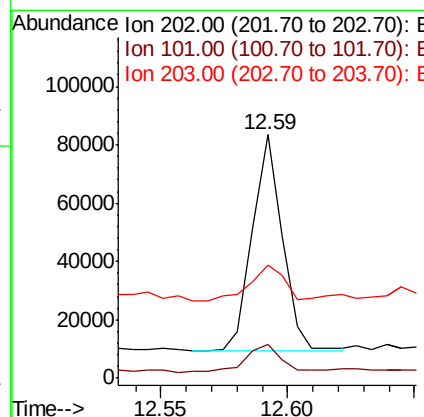
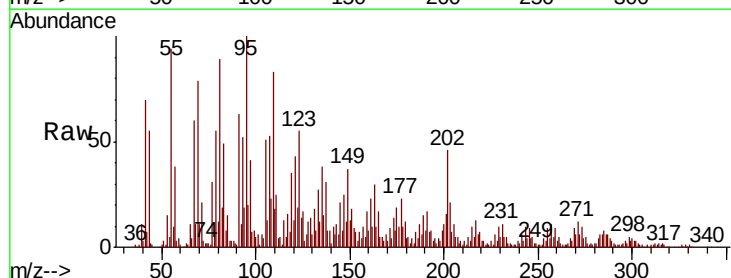
Manual Integrations
APPROVED

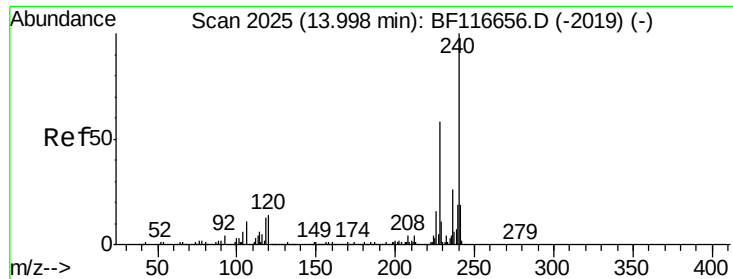
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#75
Fluoranthene
Concen: 3.787 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.02 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.3
203	46.2	0.0	37.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

Instrument :

BNA_F

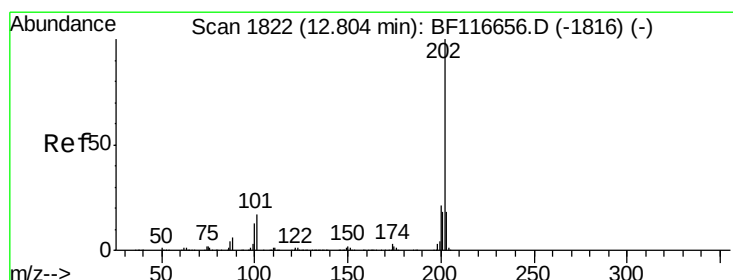
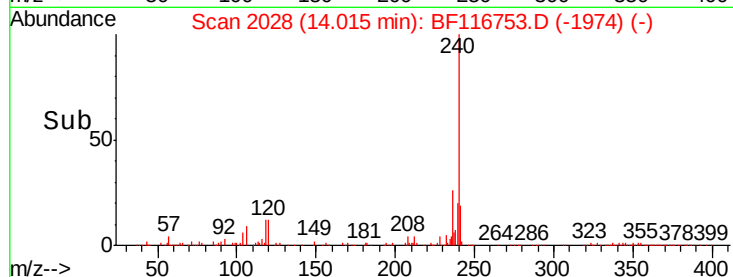
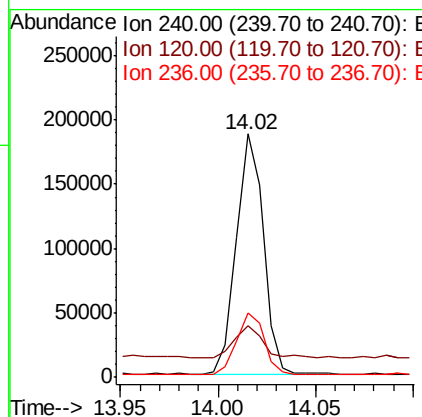
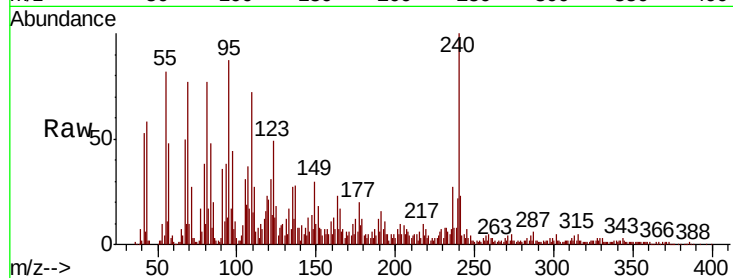
ClientSampled :

T3-S-F

Tot Ion	Ratio	Lower	Upper
240	100		
120	21.0	9.1	13.7#
236	26.7	21.1	31.7

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#78

Pyrene

Concen: 3.211 ng

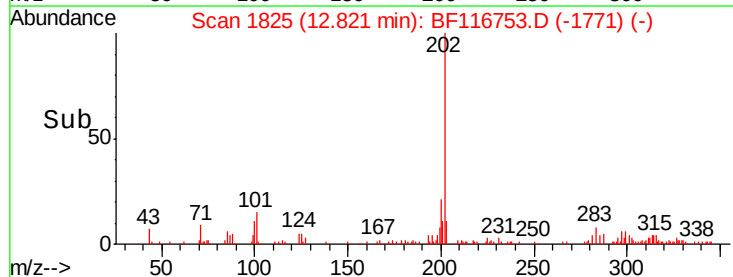
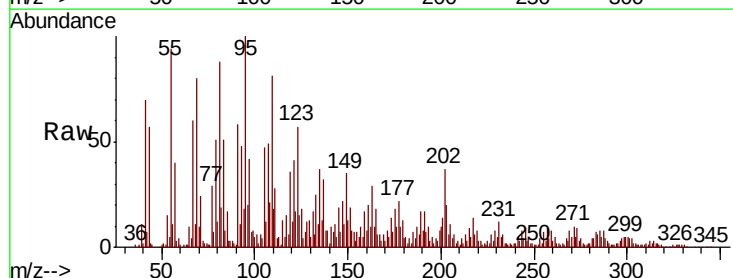
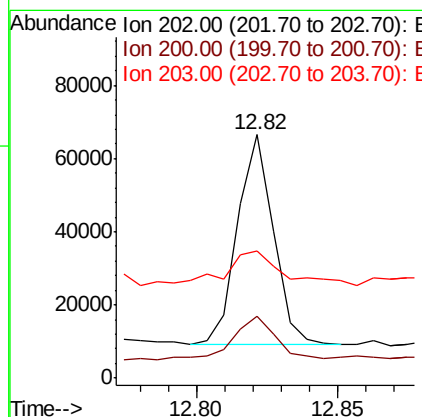
RT: 12.82 min Scan# 1825

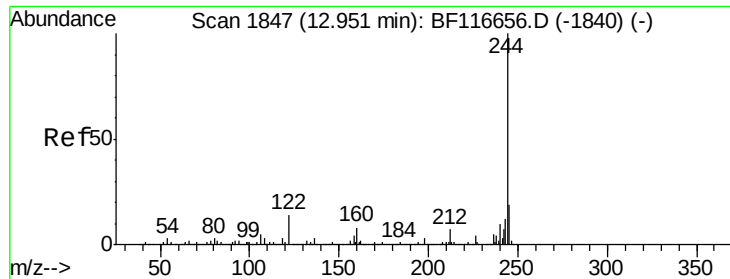
Delta R.T. 0.02 min

Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.5	16.5	24.7#
203	52.2	13.7	20.5#





#79

Terphenyl-d14

Concen: 63.134 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

Instrument :

BNA_F

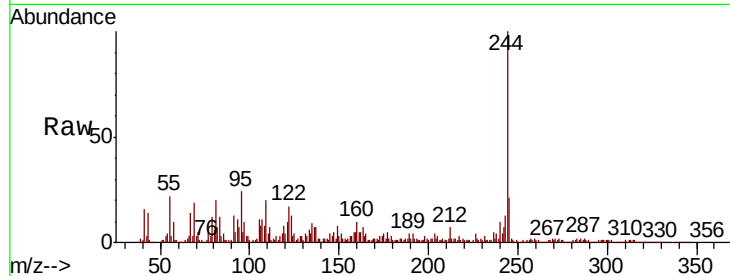
ClientSampleId :

T3-S-F

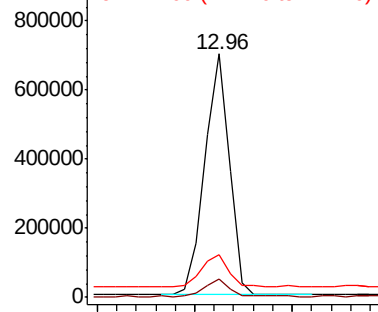
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	17.5	10.2	15.4

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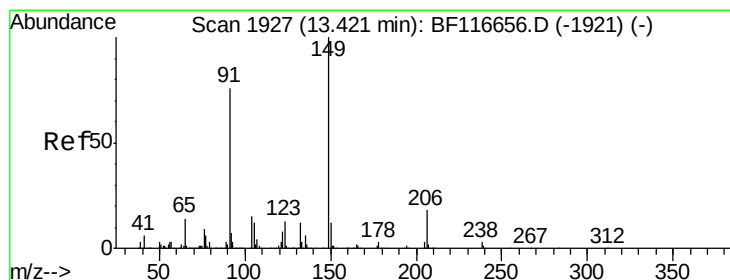
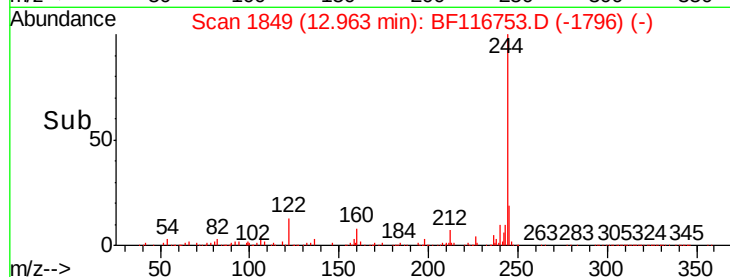
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 12.95 13.00



#80

Butylbenzylphthalate

Concen: 8.400 ng

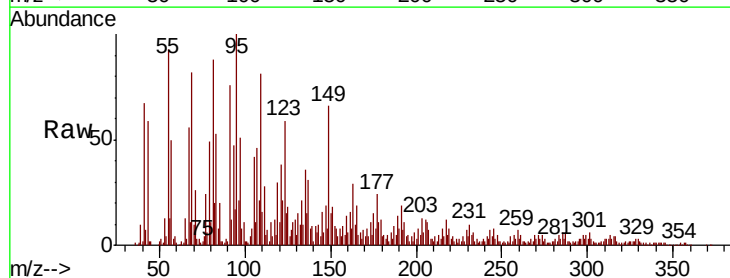
RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

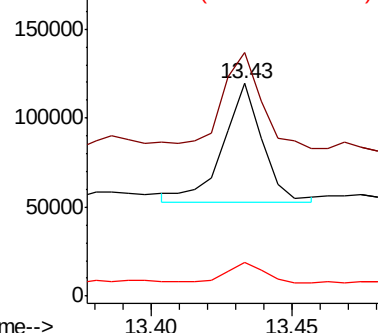
Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

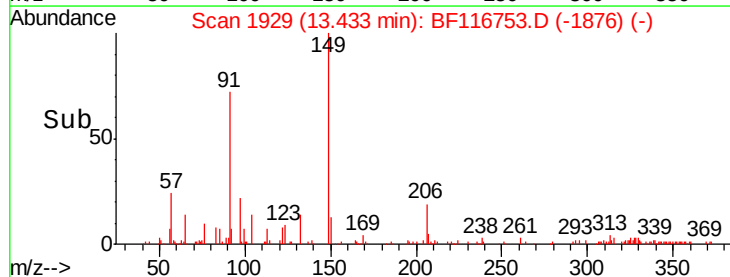
Tgt Ion	Ratio	Lower	Upper
149	100		
91	114.5	61.0	91.4
206	16.1	14.8	22.2

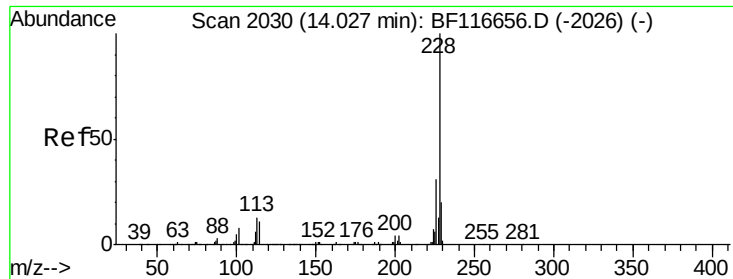


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E



Time--> 13.40 13.45





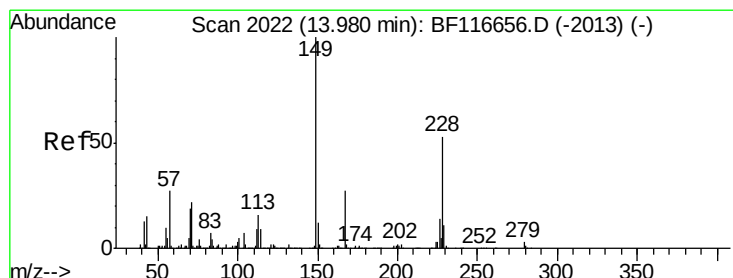
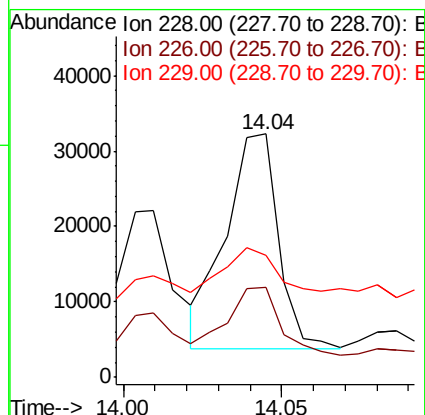
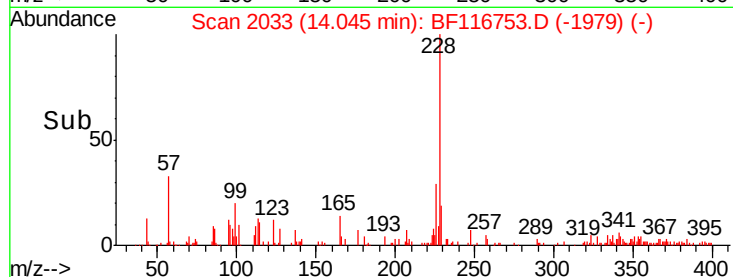
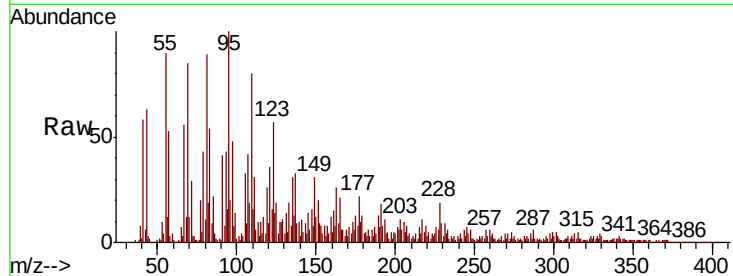
#83
 Chrysene
 Concen: 2.808 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.02 min
 Lab File: BF116753.D
 Acq: 1 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-F

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.2	24.0	36.0#
229	50.4	15.4	23.0#

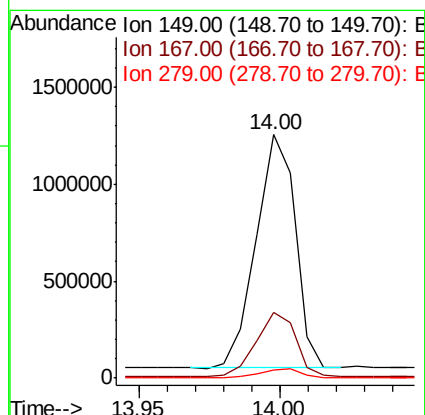
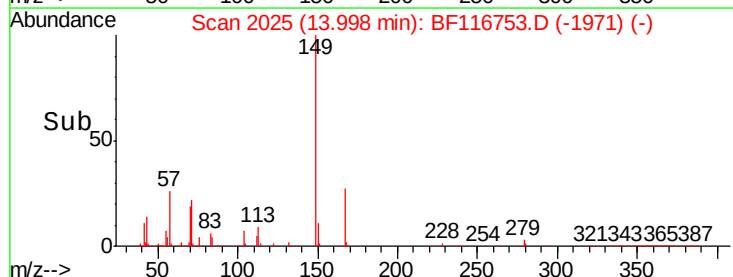
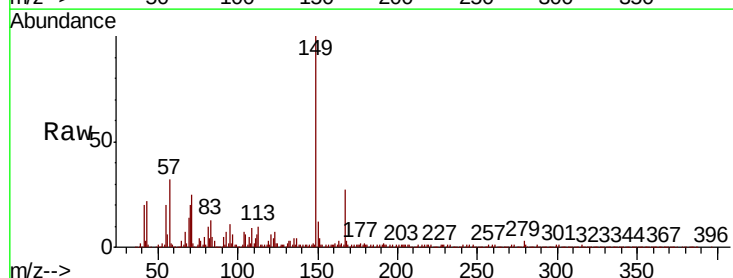
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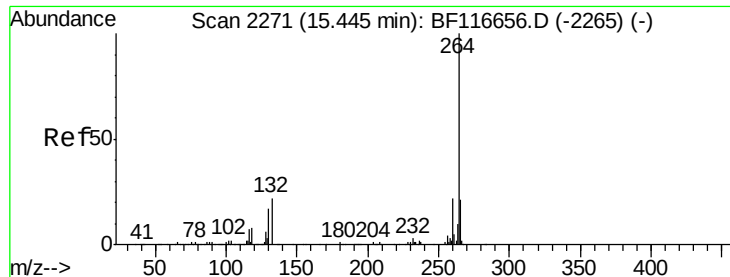
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 121.867 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.02 min
 Lab File: BF116753.D
 Acq: 1 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	3.4	2.8	4.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.05 min

Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

Instrument :

BNA_F

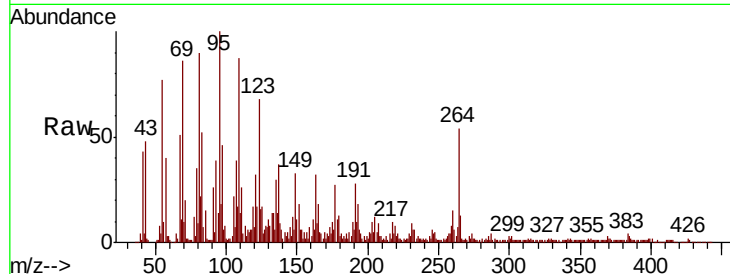
ClientSampled :

T3-S-F

Tot Ion:	264	Resp:	156516
Ion Ratio	Lower	Upper	
264	100		
260	28.4	18.3	27.5#
265	23.3	16.5	24.7

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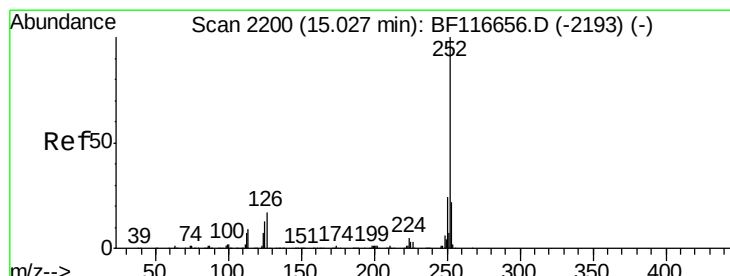
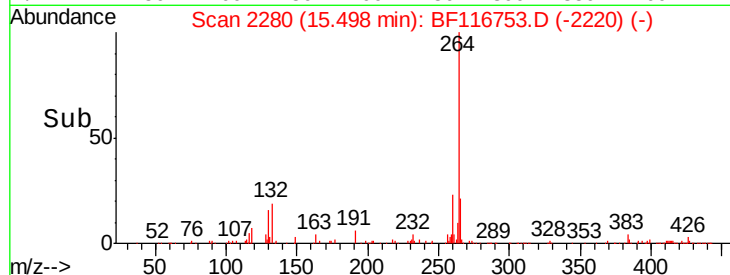
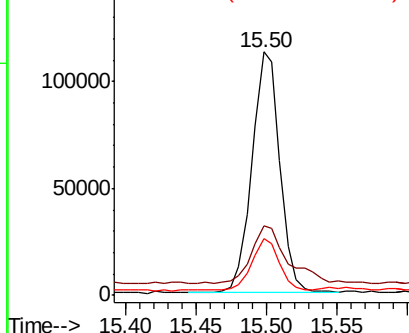


Abundance

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: 4.768 ng m

RT: 15.06 min Scan# 2206

Delta R.T. 0.04 min

Lab File: BF116753.D

Acq: 1 Sep 2019 20:03

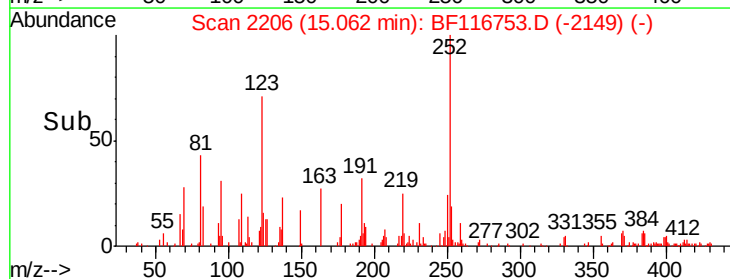
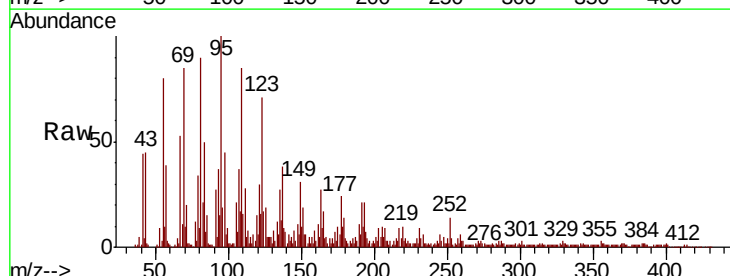
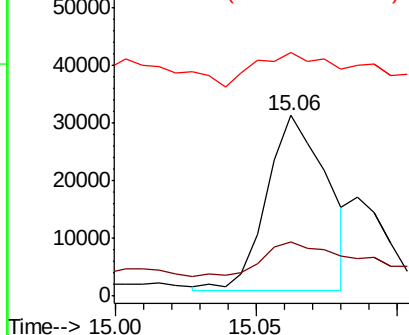
Tgt Ion:	252	Resp:	45121
Ion Ratio	Lower	Upper	
252	100		
253	29.7	17.7	26.5#
125	135.0	8.2	12.2#

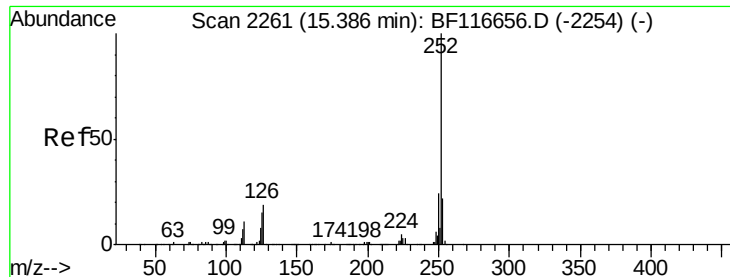
Abundance

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





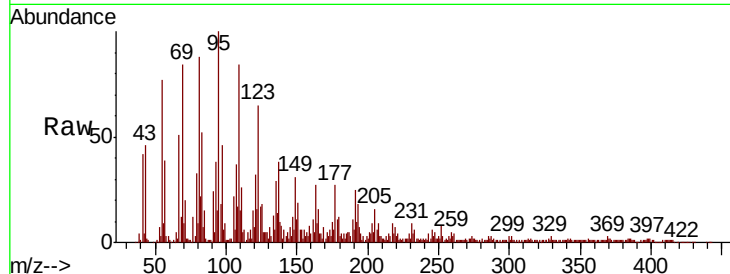
#90
Benzo(a)pyrene
Concen: 2.488 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.05 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Instrument :
BNA_F
ClientSampled :
T3-S-F

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.7	18.1	27.1#
125	229.1	9.8	14.8#

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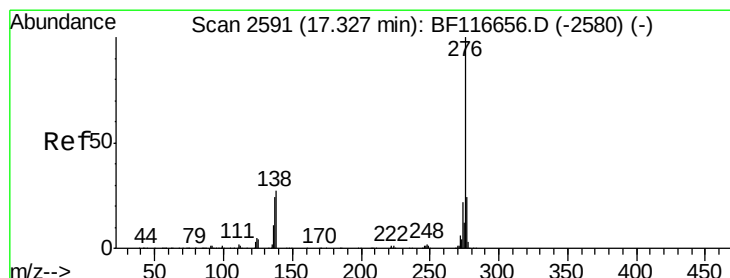
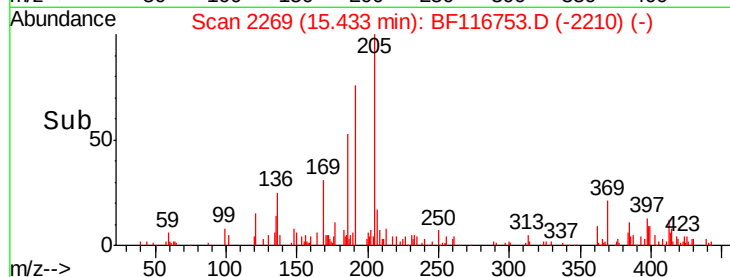
Abundance

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

Time-->



#92
Benzo(g,h,i)perylene
Concen: 2.682 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.07 min
Lab File: BF116753.D
Acq: 1 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	32.7	18.5	27.7#
138	78.2	16.2	24.2#

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

Time-->

