

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116529.D
 Acq On : 25 Aug 2019 13:59
 Operator : HP/JU
 Sample : K4339-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

Manual Integrations
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mohammad
 8/29/2019 7:53:03 AM

Quant Time: Aug 26 07:13:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	148280	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	535830	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	235594	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	294468	20.00	ng	0.01
76) Chrysene-d12	14.05	240	188446	20.00	ng	0.02
87) Perylene-d12	15.55	264	201593	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	884139	87.12	ng	0.01
7) Phenol-d6	6.51	99	1180905	94.90	ng	0.00
23) Nitrobenzene-d5	7.44	82	740104	75.57	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	191458	94.64	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1133970	77.51	ng	0.00
79) Terphenyl-d14	13.00	244	688830	68.28	ng	0.02
Target Compounds						
10) Phenol	6.52	94	31803	2.354	ng	99
31) Naphthalene	8.19	128	116939	4.511	ng	99
50) Dimethylphthalate	9.63	163	193721	11.785	ng	# 97
71) Phenanthrene	11.43	178	143691	8.958	ng	# 90
72) Anthracene	11.48	178	36000	2.233	ng	# 61
75) Fluoranthene	12.63	202	169980	10.249	ng	90
78) Pyrene	12.86	202	159718	10.598	ng	# 91
81) Benzo(a)anthracene	14.04	228	72145	5.911	ng	# 89
83) Chrysene	14.07	228	61589	4.979	ng	# 87
86) Indeno(1,2,3-cd)pyrene	17.03	276	37318	3.522	ng	99
88) Benzo(b)fluoranthene	15.10	252	83888m	6.736	ng	
89) Benzo(k)fluoranthene	15.13	252	28263m	2.505	ng	
90) Benzo(a)pyrene	15.48	252	61583	5.595	ng	# 17
92) Benzo(a,h,i)perylene	17.47	276	38272	4.439	ng	# 85

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

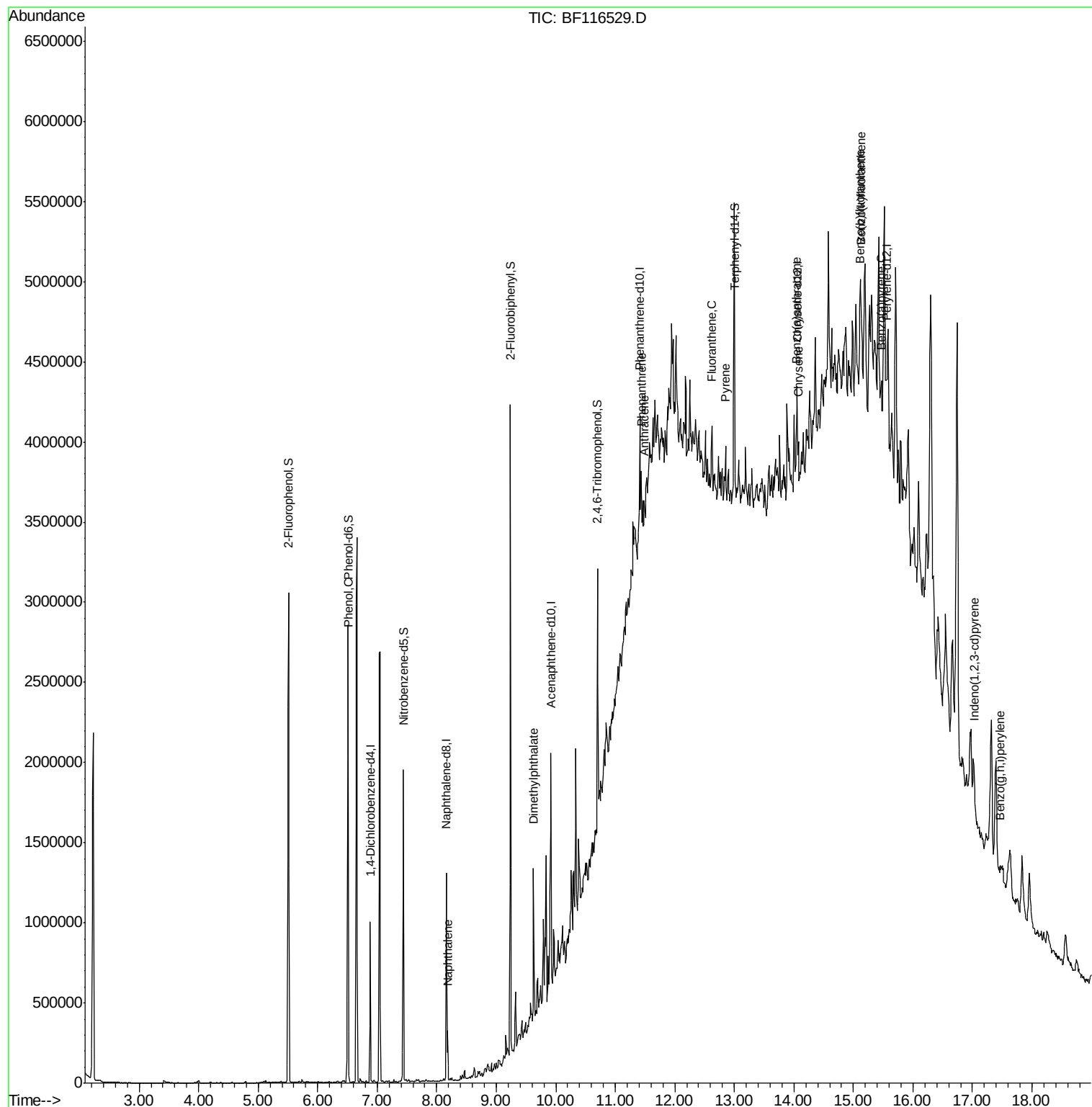
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116529.D
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ALS Vial : 5 Sample Multiplier: 1

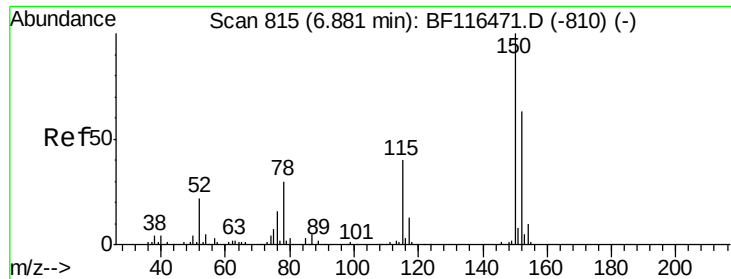
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

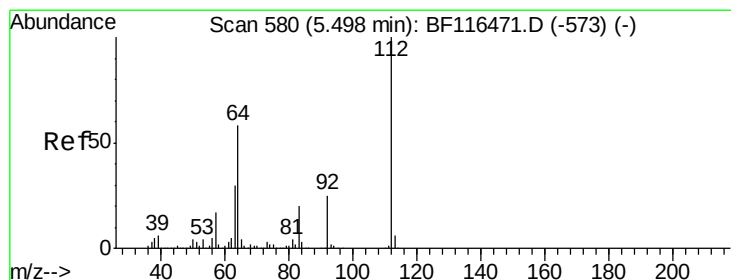
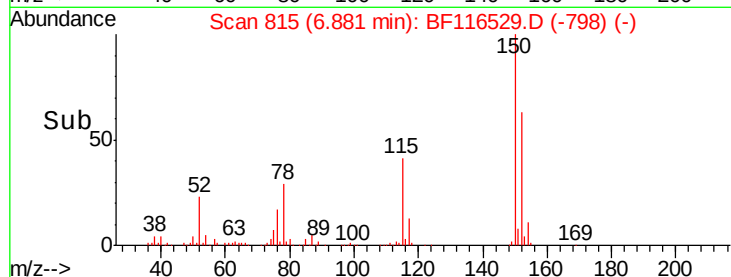
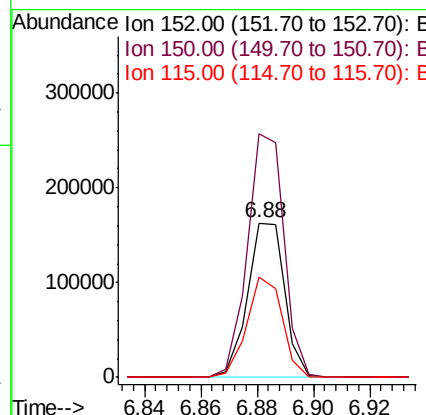
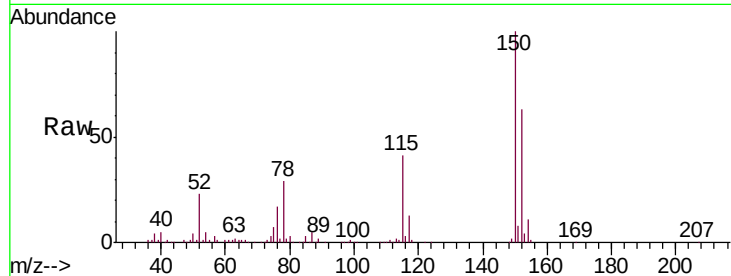
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.7	190.1
115	65.3	50.9	76.3

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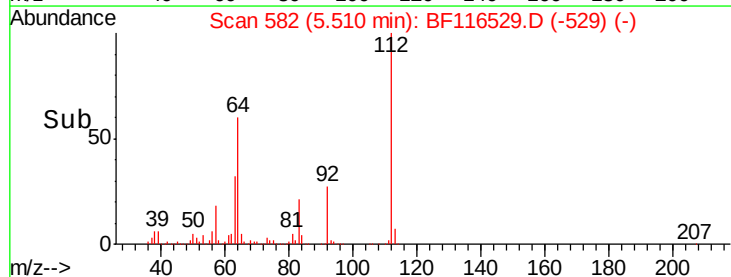
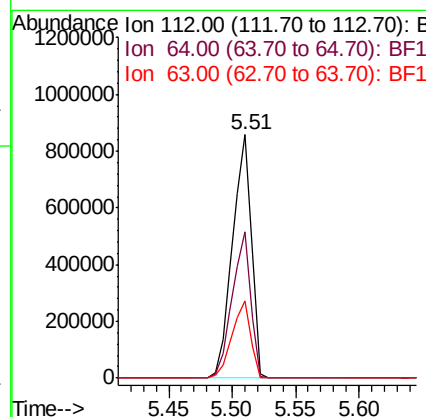
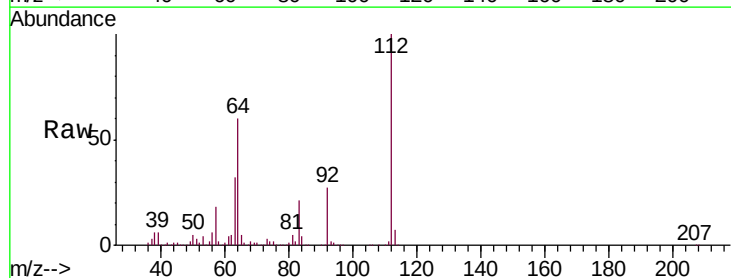
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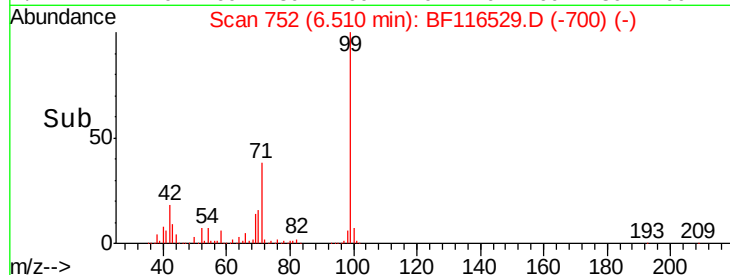
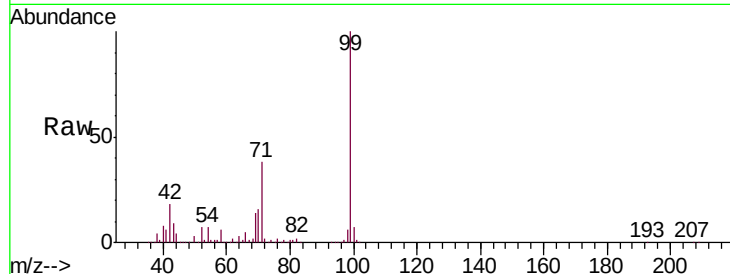
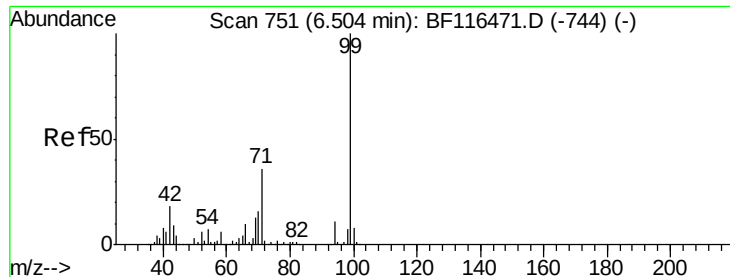


#5

2-Fluorophenol
Concen: 87.123 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.3	69.5
63	31.7	24.2	36.4





#7

Phenol-d6

Concen: 94.904 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116529.D

Acq: 25 Aug 2019 13:59

Tot Ion: 99 Resp: 1180905

Ion Ratio Lower Upper

99 100

42 18.4 14.6 21.8

71 37.5 28.5 42.7

Instrument :

BNA_F

ClientSampled :

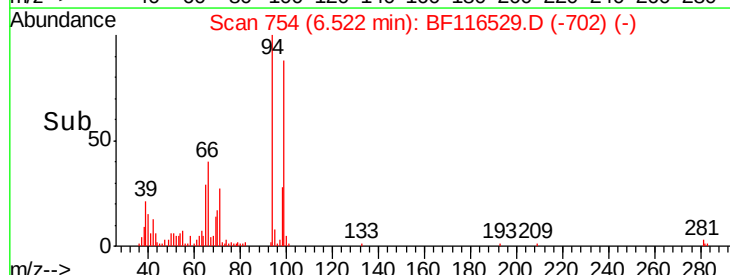
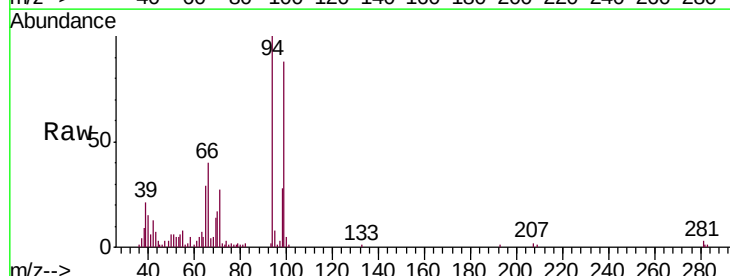
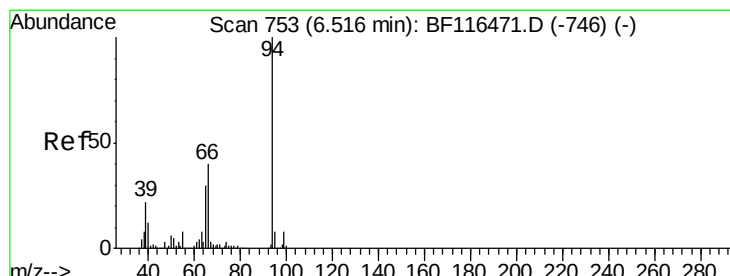
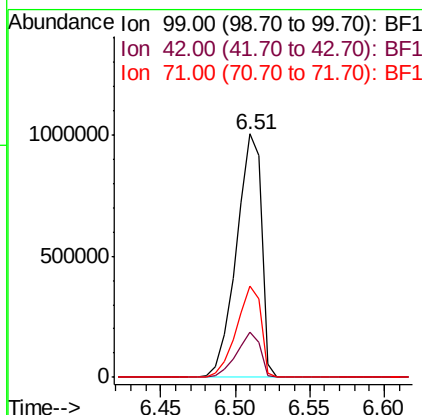
T8-B1-(0-4)

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#10

Phenol

Concen: 2.354 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116529.D

Acq: 25 Aug 2019 13:59

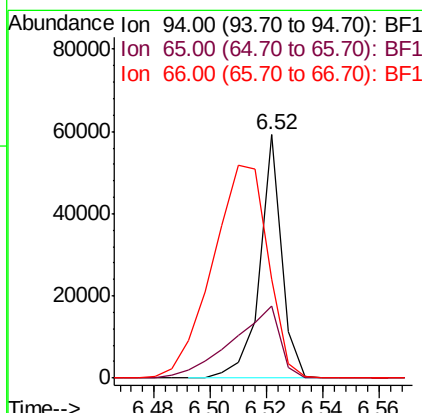
Tgt Ion: 94 Resp: 31803

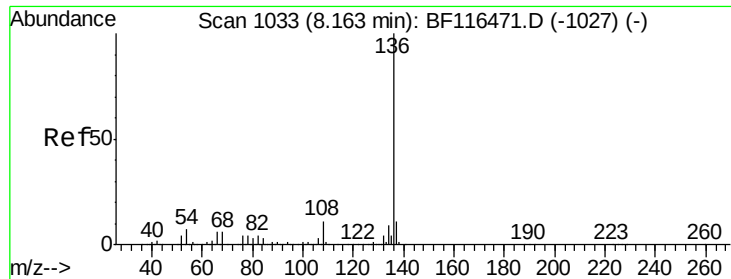
Ion Ratio Lower Upper

94 100

65 29.4 10.0 50.0

66 40.4 19.8 59.8





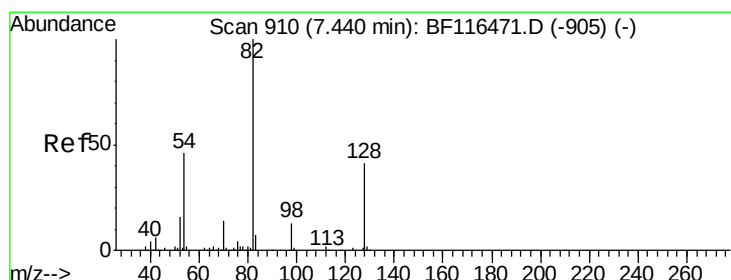
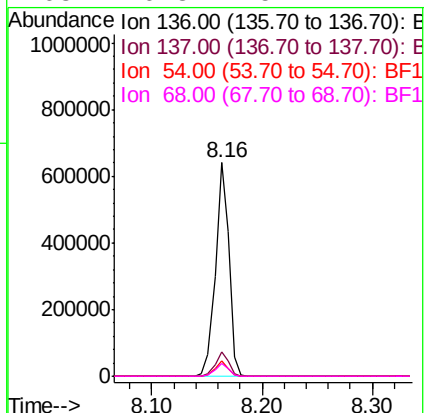
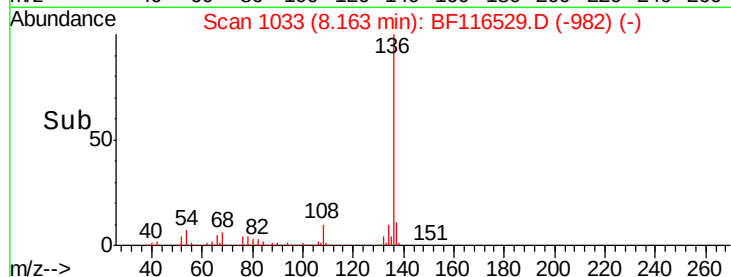
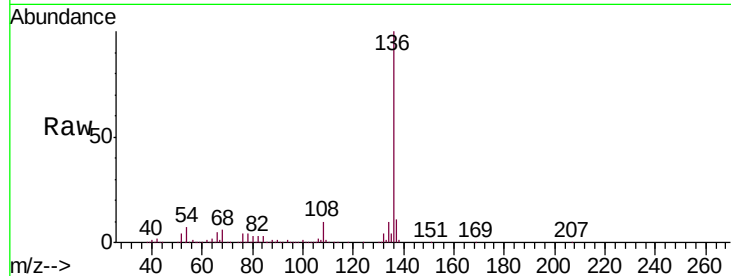
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.0	13.4	
54	7.3	5.8	8.6	
68	6.3	5.1	7.7	

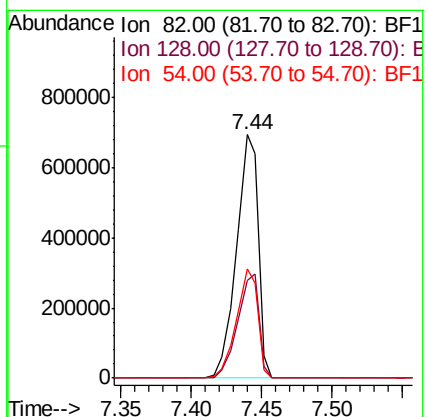
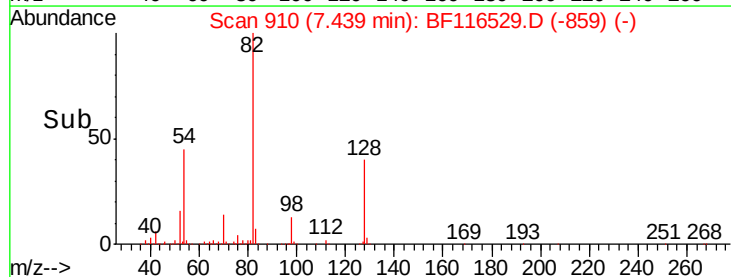
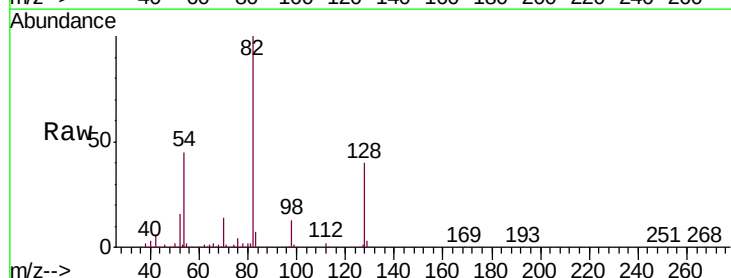
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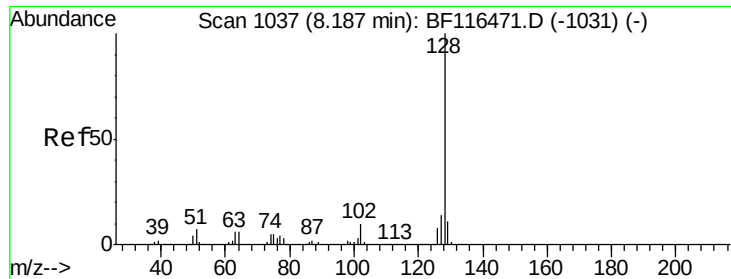
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#23
Nitrobenzene-d5
Concen: 75.567 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.3	32.2	48.4	
54	45.0	36.5	54.7	





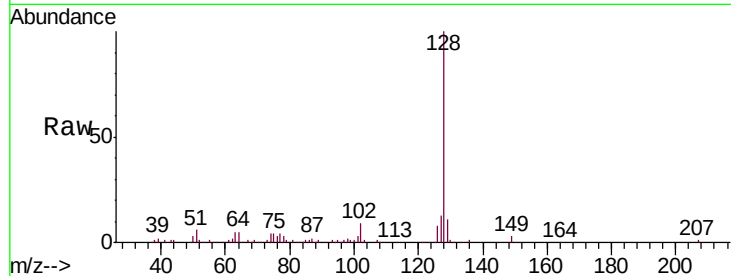
#31
Naphthalene
Concen: 4.511 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

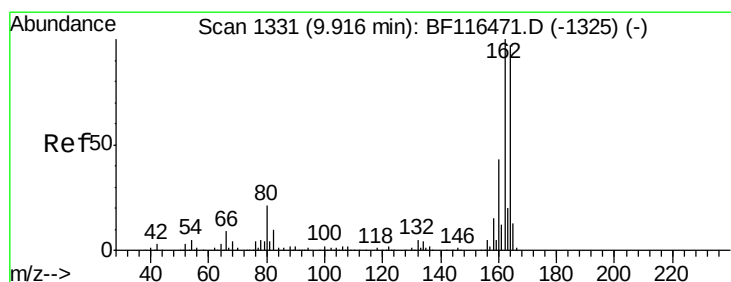
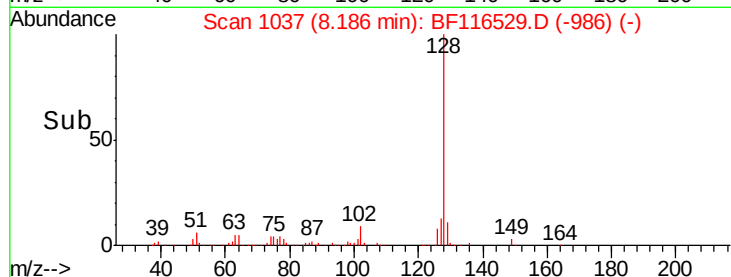
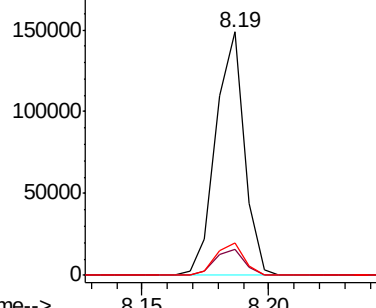
Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
129	10.8	9.0	13.6		
127	13.3	10.9	16.3		

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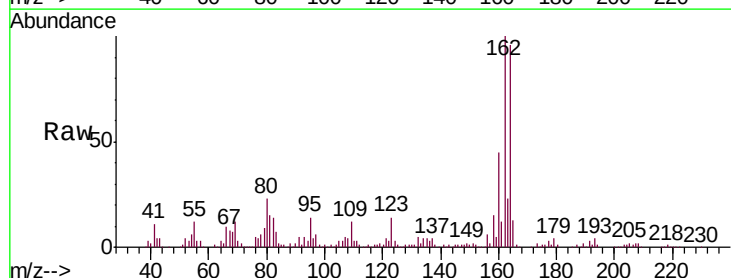


Abundance Ion 128.00 (127.70 to 128.70): E
200000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

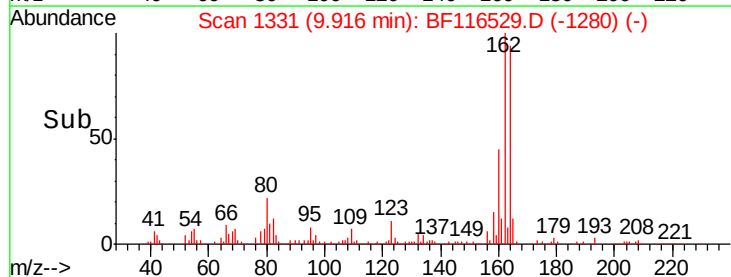
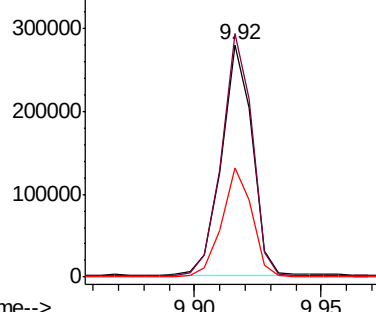


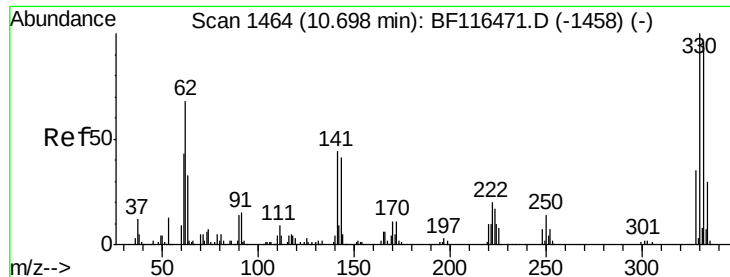
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	104.6	82.6	123.8		
160	47.2	35.8	53.8		



Abundance Ion 164.00 (163.70 to 164.70): E
400000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 94.642 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF116529.D

Acq: 25 Aug 2019 13:59

Instrument :

BNA_F

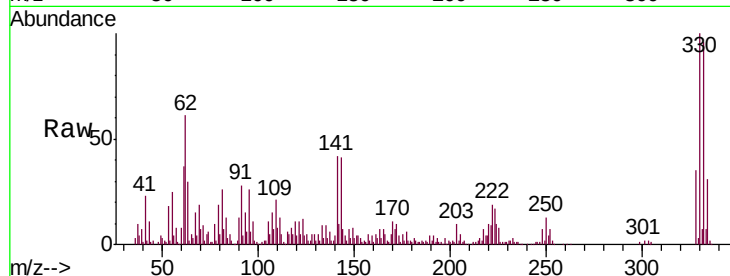
ClientSampleId :

T8-B1-(0-4)

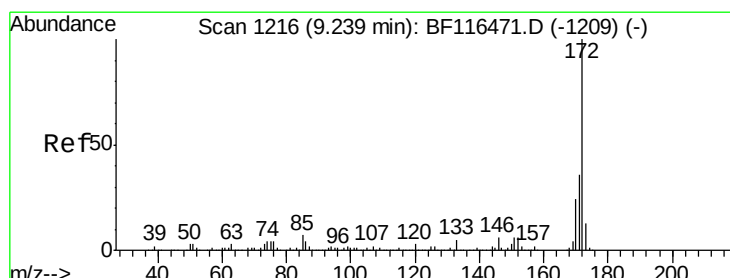
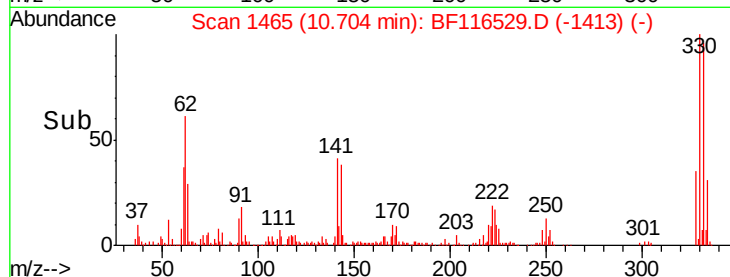
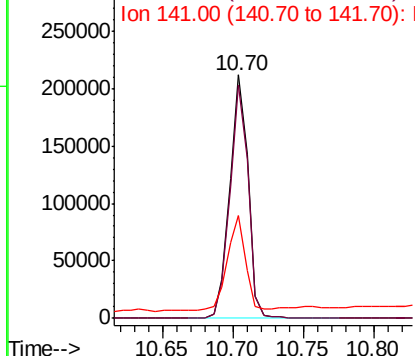
Tot Ion:	330	Resp:	191458
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.2	115.8
141	40.3	33.3	49.9

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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: 77.513 ng

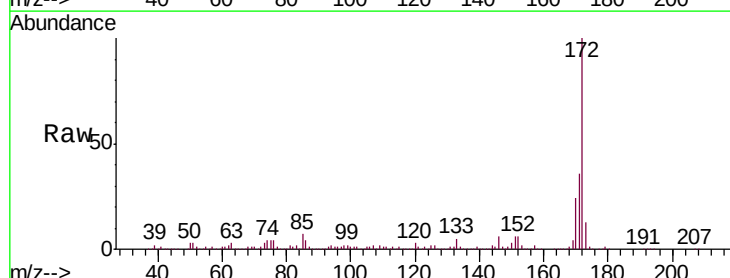
RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

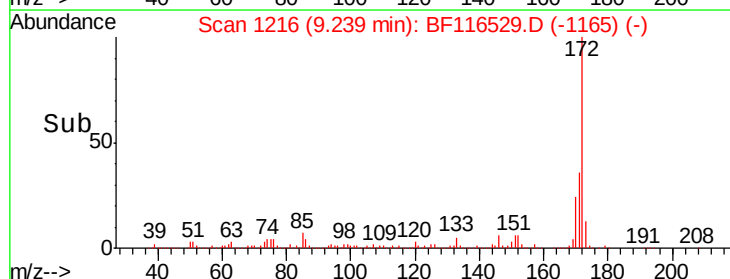
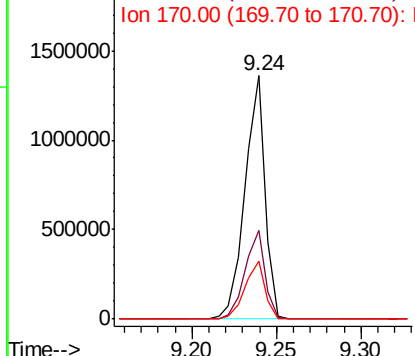
Lab File: BF116529.D

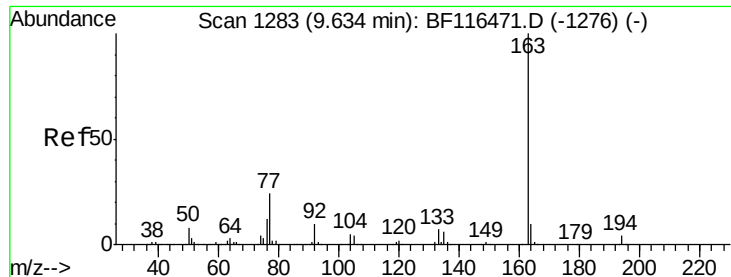
Acq: 25 Aug 2019 13:59

Tgt Ion:	172	Resp:	1133970
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.9	43.3
170	23.6	19.4	29.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.785 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116529.D

Acq: 25 Aug 2019 13:59

Instrument :

BNA_F

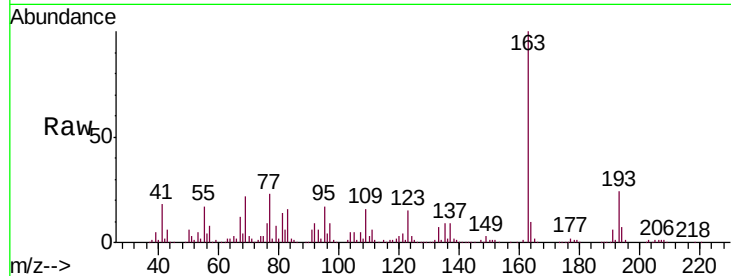
ClientSampleId :

T8-B1-(0-4)

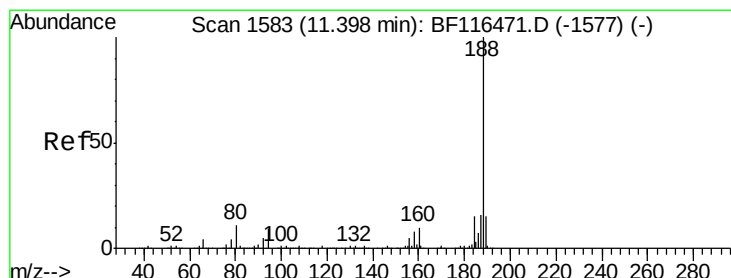
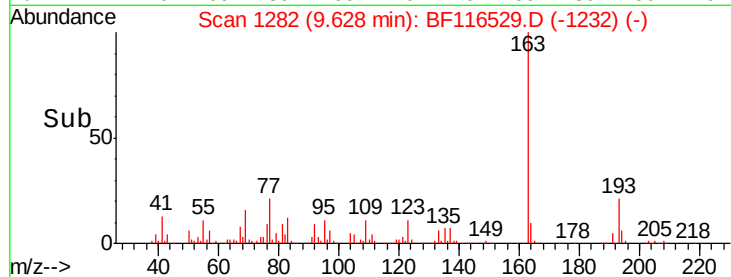
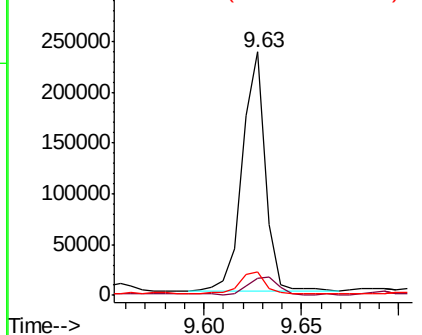
Tot Ion	163	Resp	193721
Ion Ratio	Lower	Upper	
163	100		
194	7.1	2.9	4.3#
164	9.9	8.2	12.2

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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

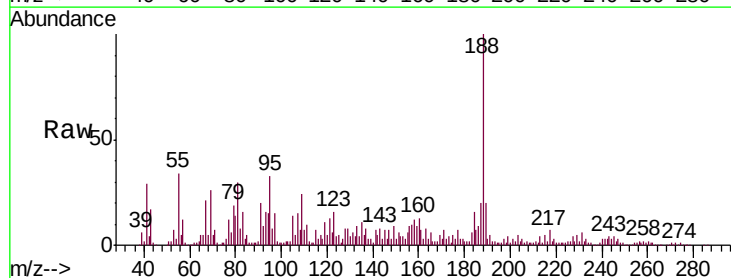
RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

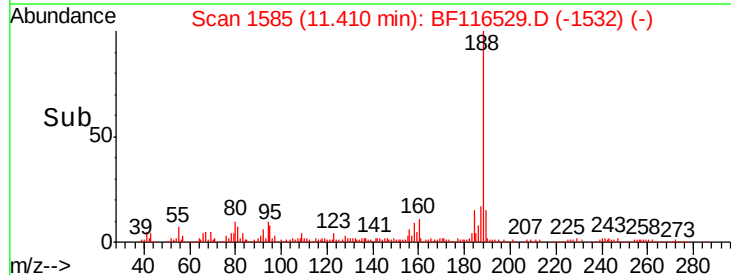
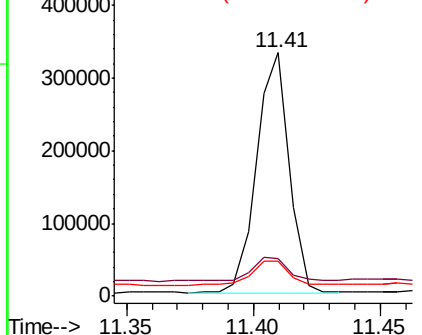
Lab File: BF116529.D

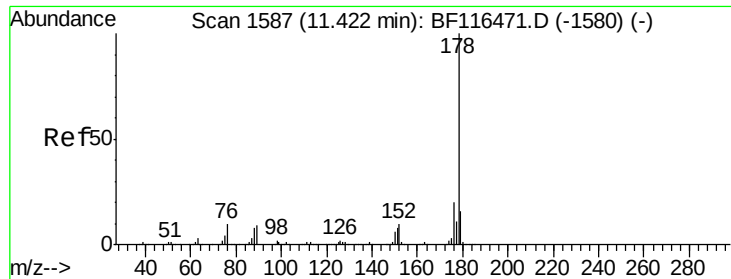
Acq: 25 Aug 2019 13:59

Tgt Ion	188	Resp	294468
Ion Ratio	Lower	Upper	
188	100		
94	15.3	7.4	11.2#
80	14.3	8.6	12.8#



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





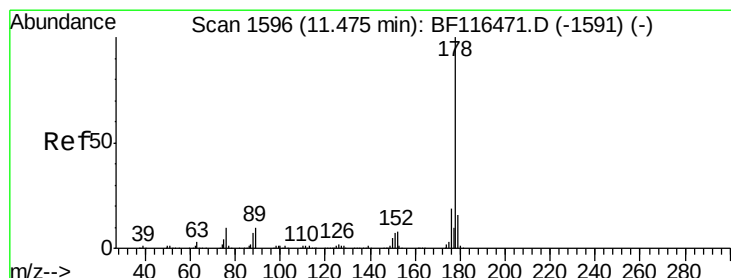
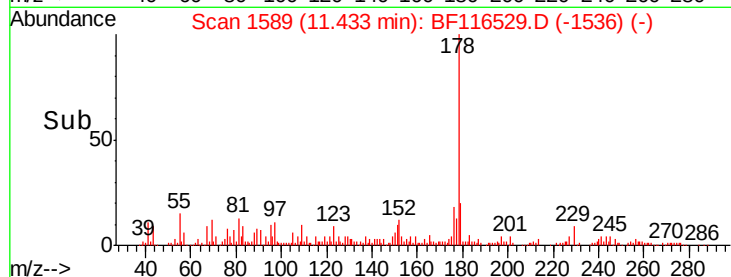
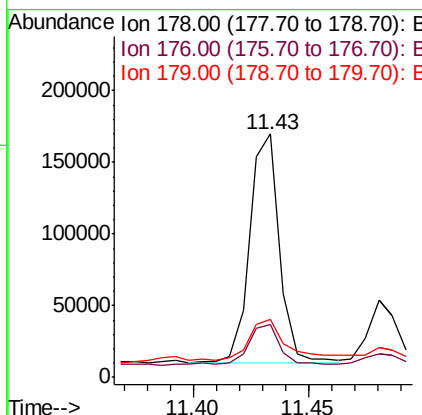
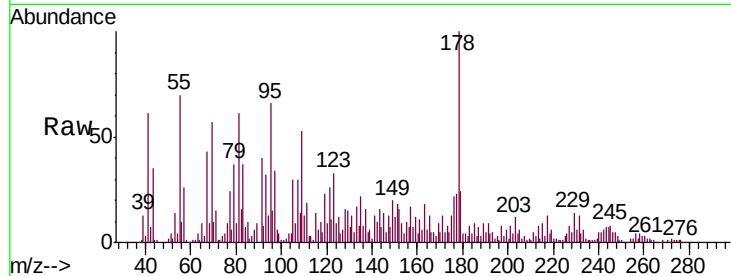
#71
Phenanthrene
Concen: 8.958 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.8	23.6
179	23.6	12.8	19.2

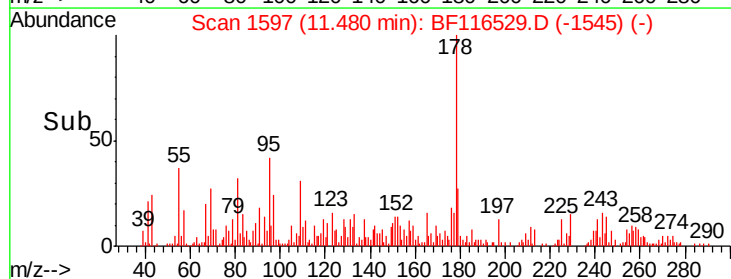
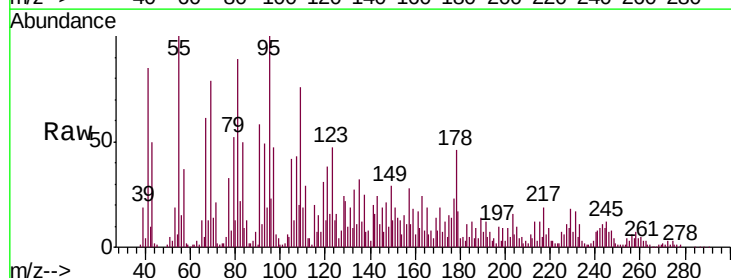
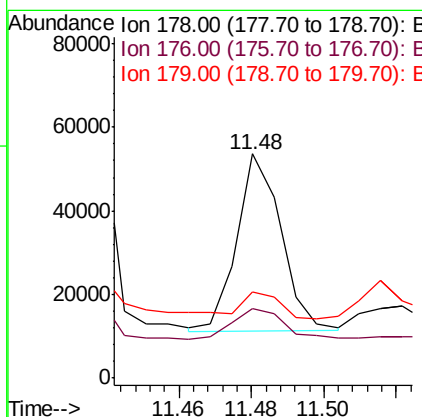
Manual Integrations
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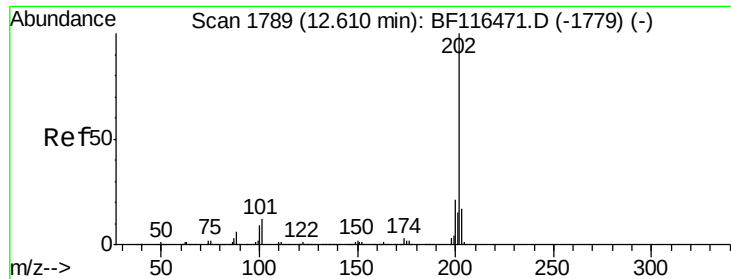
mohammad
8/29/2019 7:53:03 AM



#72
Anthracene
Concen: 2.233 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	31.0	15.2	22.8
179	38.2	12.5	18.7





#75

Fluoranthene

Concen: 10.249 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.02 min

Lab File: BF116529.D

Acq: 25 Aug 2019 13:59

Instrument :

BNA_F

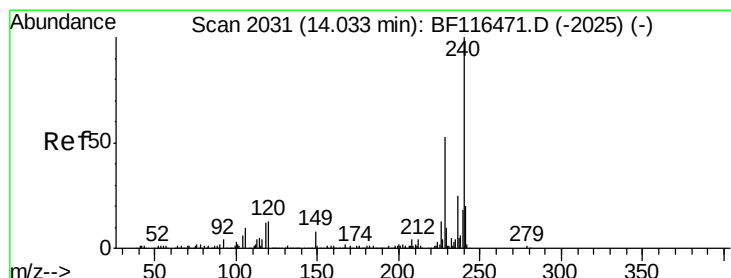
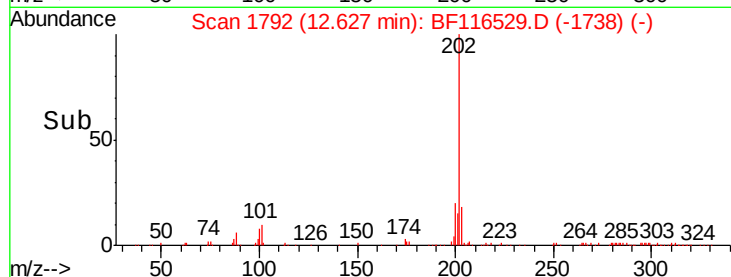
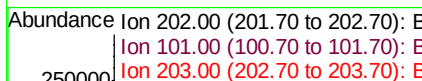
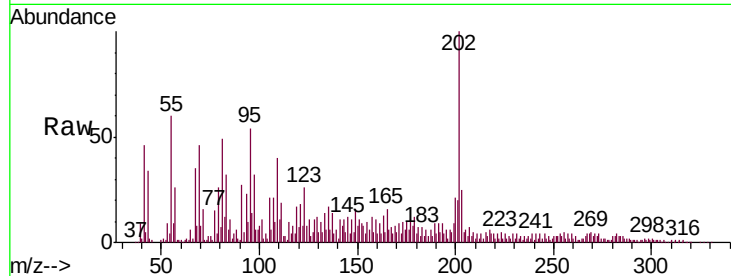
ClientSampled :

T8-B1-(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	169980		
101	11.1	0.0	31.5	
203	24.6	0.0	37.5	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

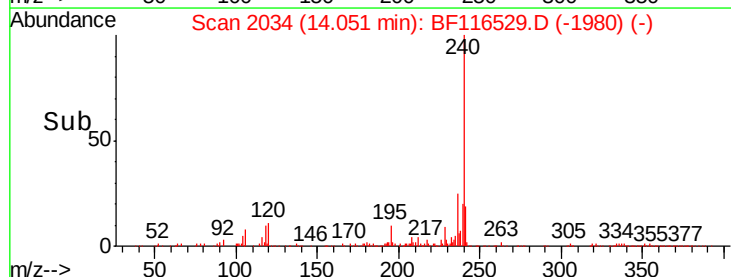
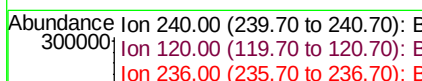
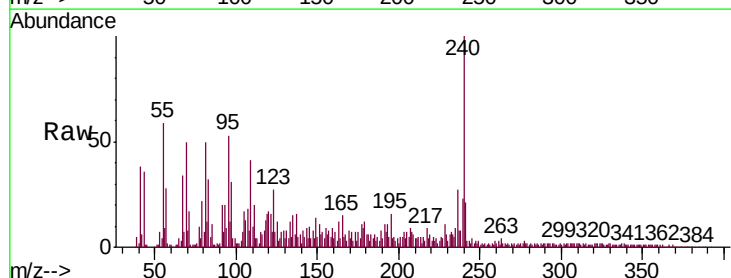
RT: 14.05 min Scan# 2034

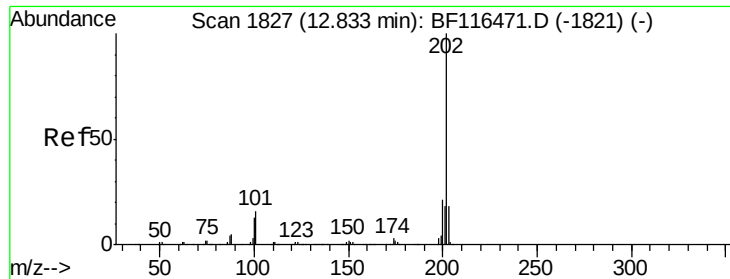
Delta R.T. 0.02 min

Lab File: BF116529.D

Acq: 25 Aug 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	188446		
120	17.1	10.5	15.7#	
236	26.7	20.2	30.2	





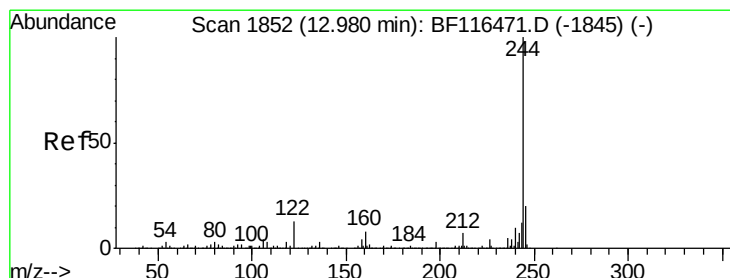
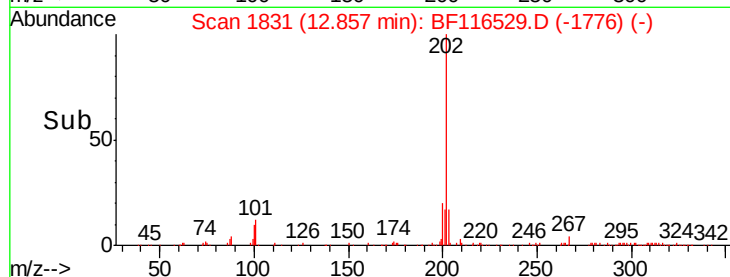
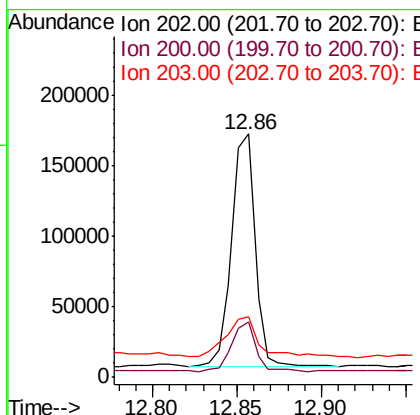
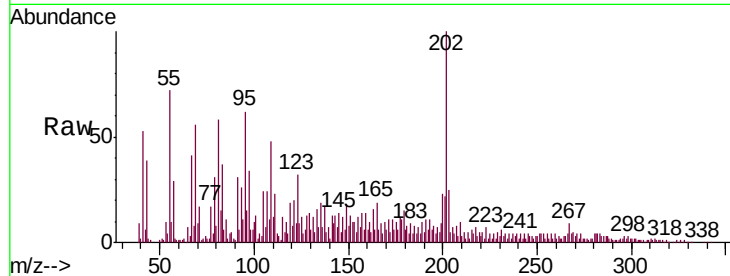
#78
Pvrene
Concen: 10.598 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.7	17.0	25.4
203	24.8	14.2	21.4

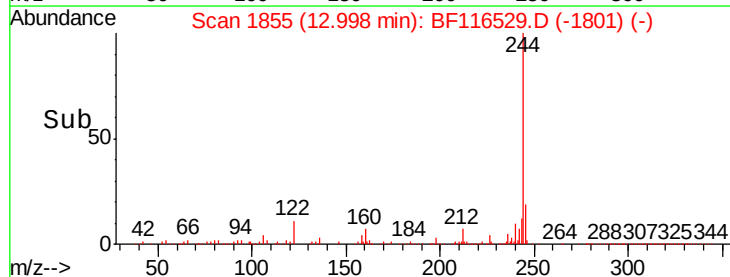
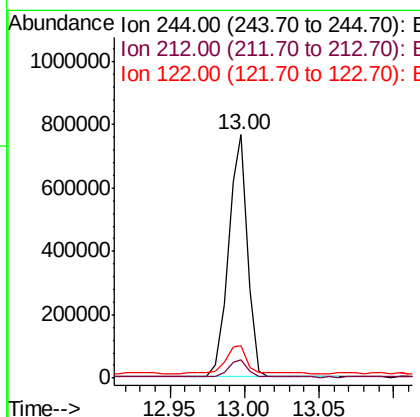
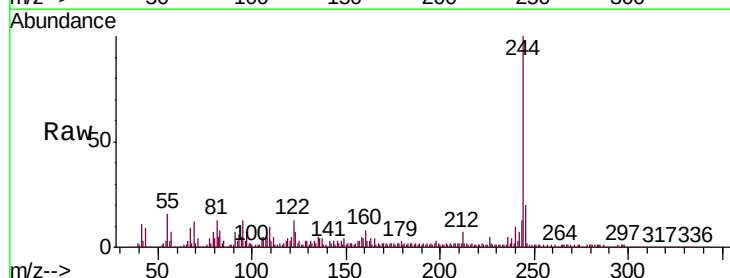
Manual Integrations
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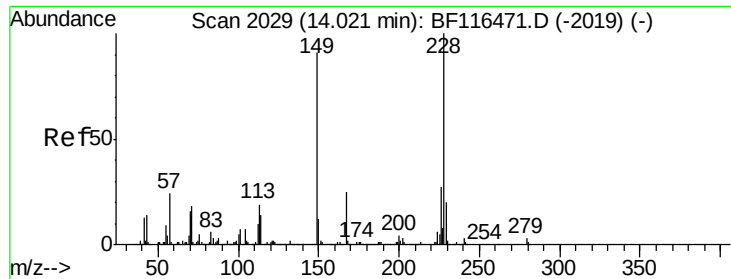
mohammad
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#79
Terphenyl-d14
Concen: 68.278 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.02 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.7	8.5
122	13.1	10.2	15.4





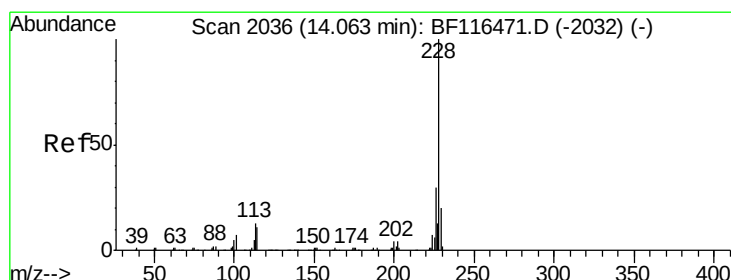
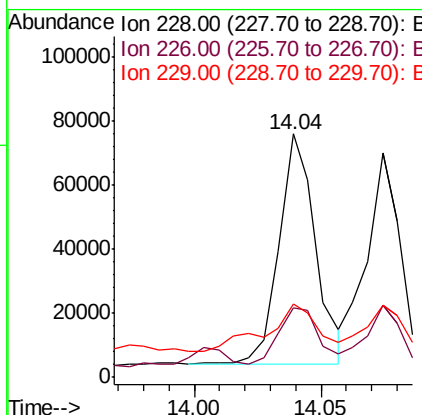
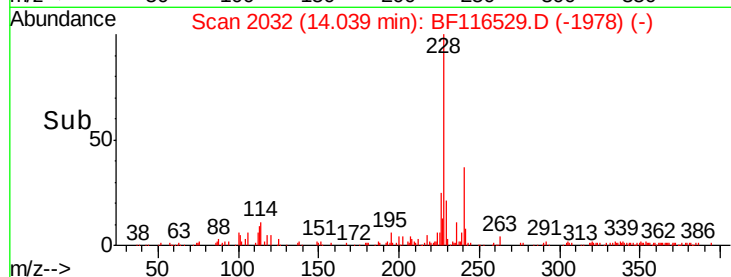
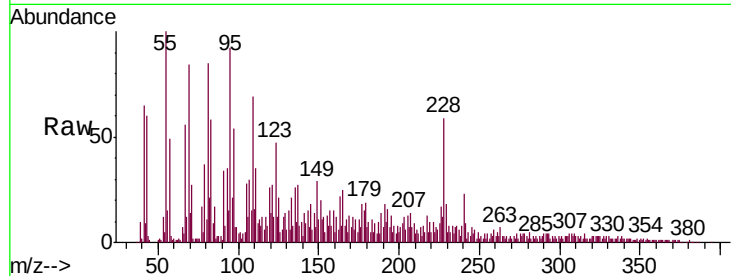
#81
Benzo(a)anthracene
Concen: 5.911 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.02 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Instrument :
BNA_F
ClientSampled :
T8-B1-(0-4)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.6
229	30.1	15.9	23.9

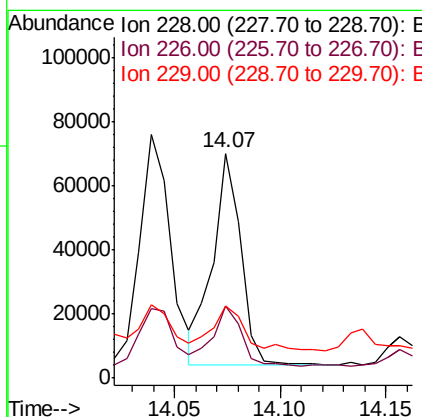
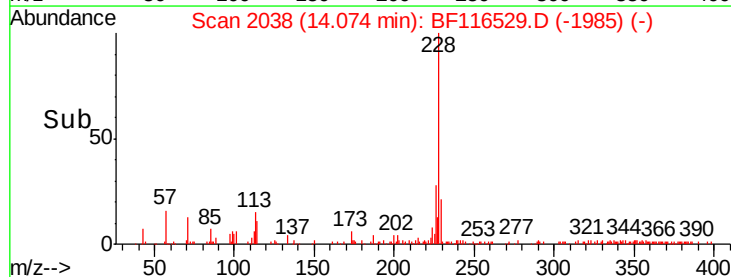
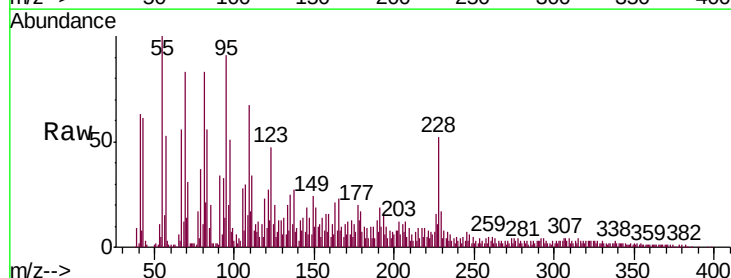
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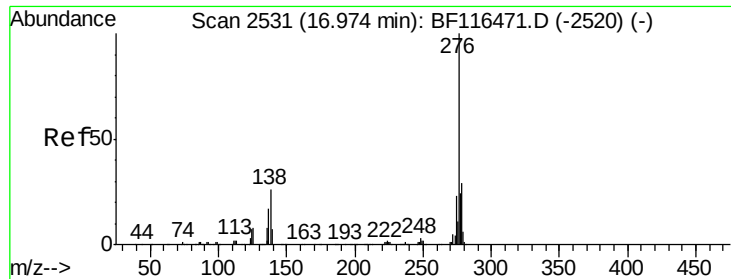
mohammad
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#83
Chrysene
Concen: 4.979 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.2
229	32.2	15.8	23.6





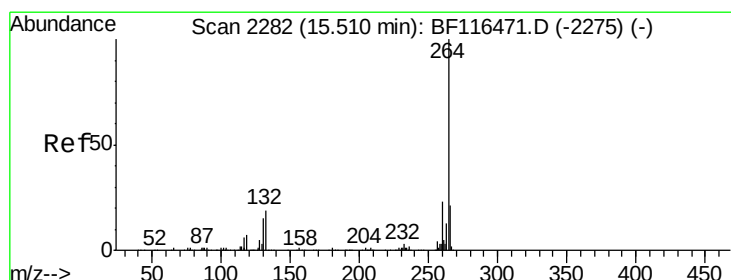
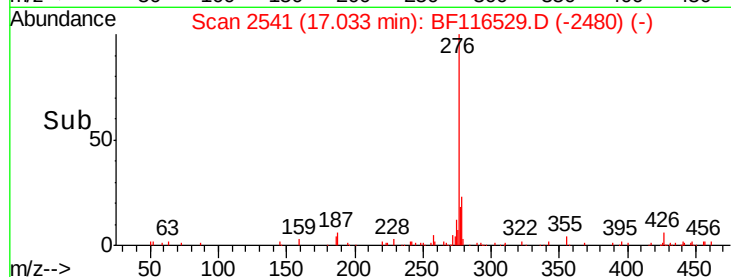
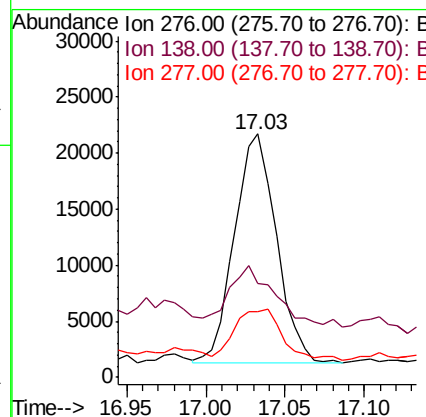
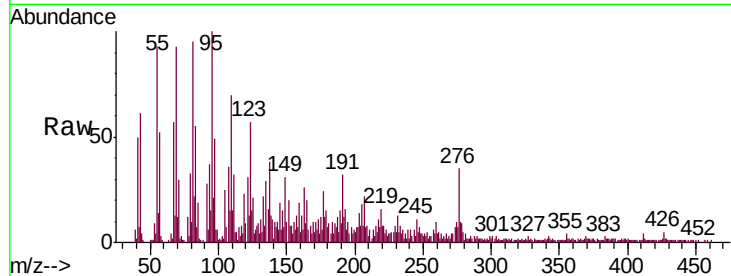
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.522 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. 0.06 min
 Lab File: BF116529.D
 Acq: 25 Aug 2019 13:59

Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

Tot Ion:276	Resp:	37318
Ion Ratio	Lower	Upper
276 100		
138 29.6	22.9	34.3
277 24.7	19.9	29.9

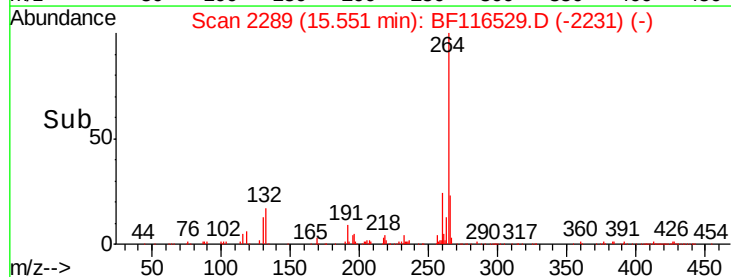
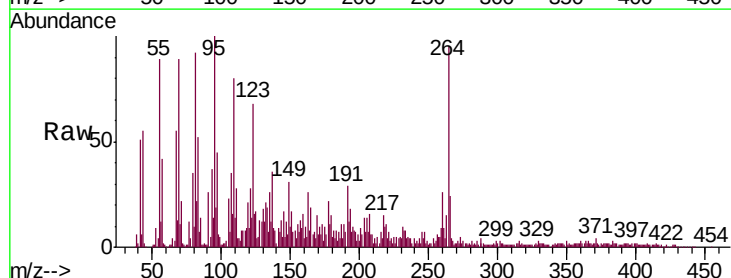
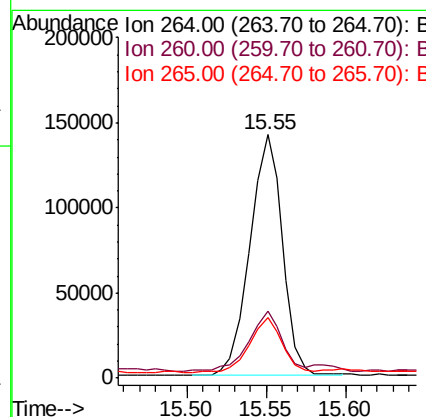
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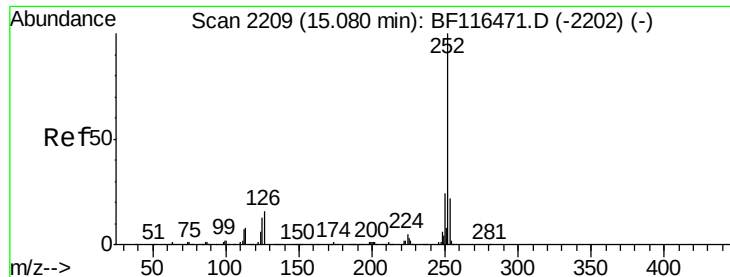
mohammad
 8/29/2019 7:53:03 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.04 min
 Lab File: BF116529.D
 Acq: 25 Aug 2019 13:59

Tgt Ion:264	Resp:	201593
Ion Ratio	Lower	Upper
264 100		
260 27.6	18.8	28.2
265 25.1	17.1	25.7





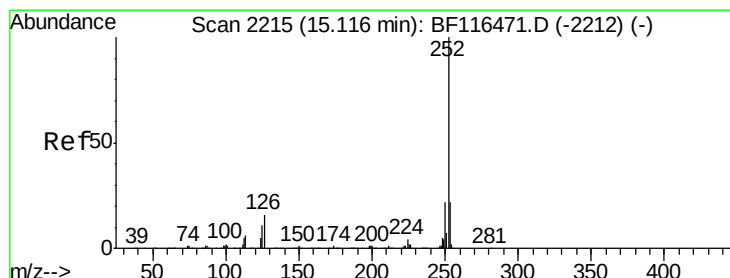
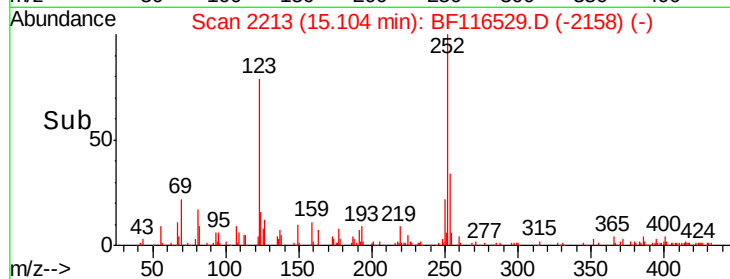
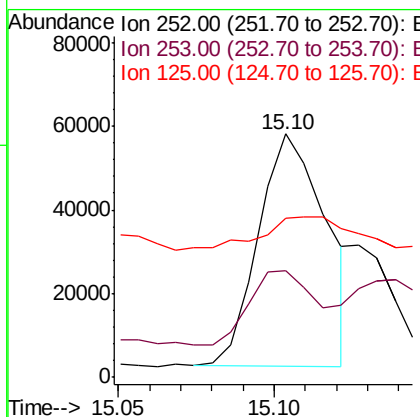
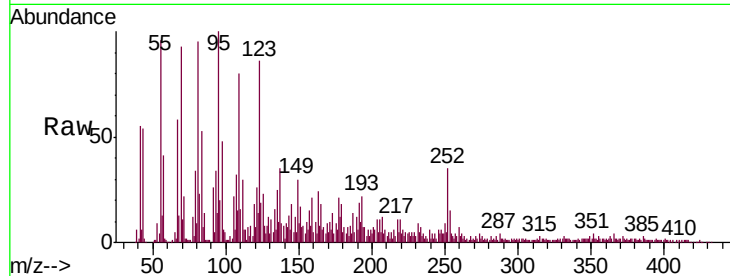
#88
Benzo(b)fluoranthene
Concen: 6.736 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.8	17.5	26.3#
125	65.4	10.1	15.1#

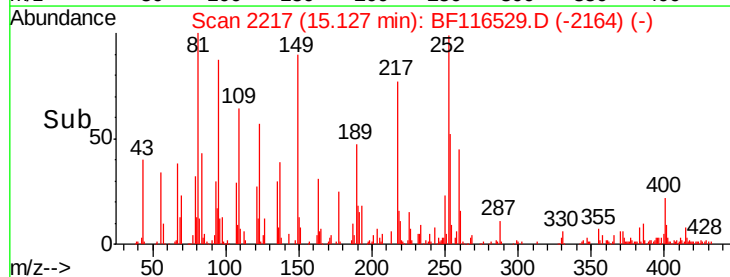
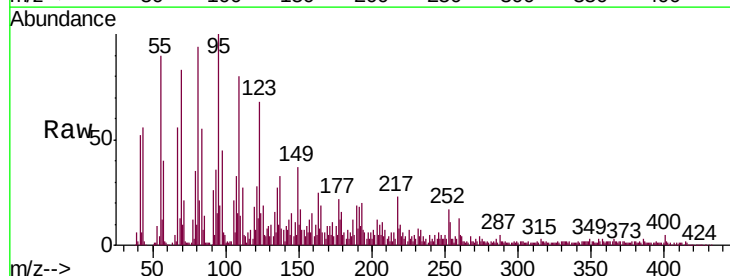
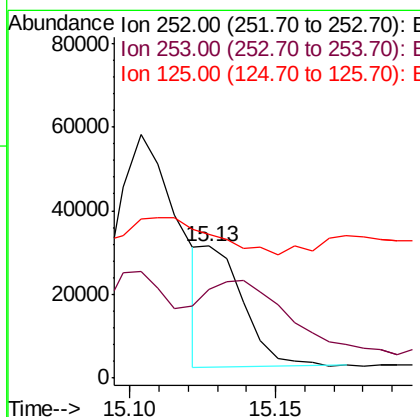
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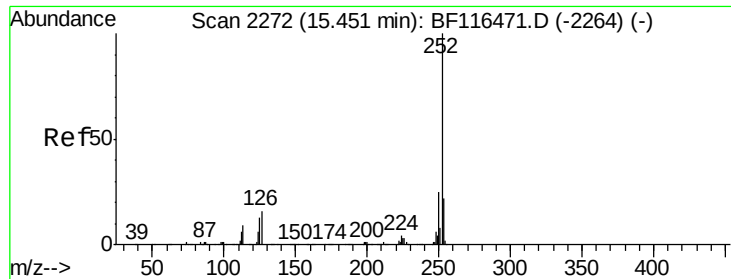
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.505 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	67.1	17.4	26.2#
125	109.3	9.1	13.7#





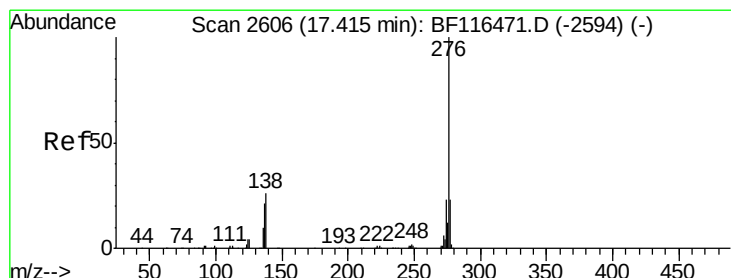
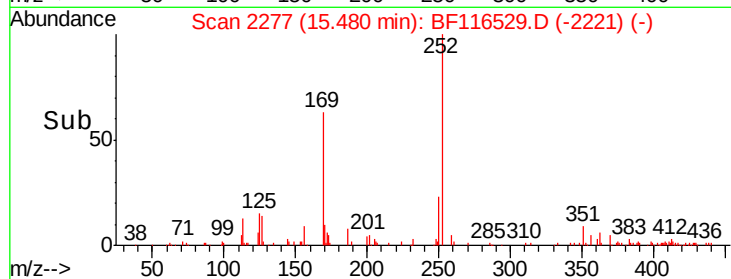
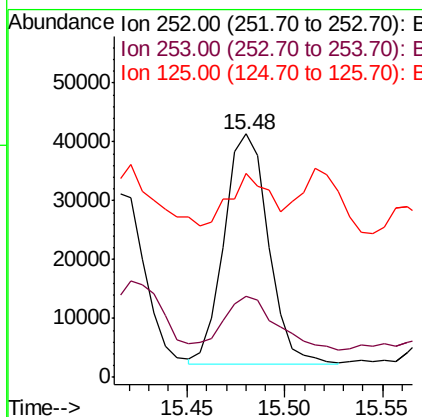
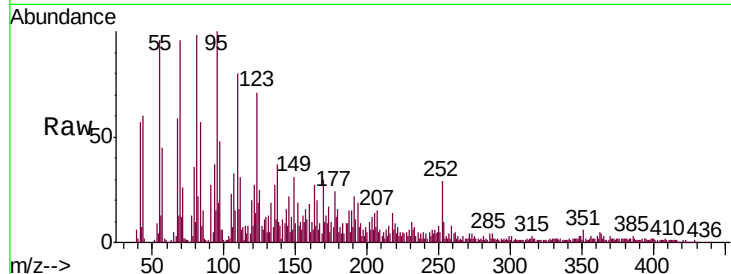
#90
Benzo(a)pyrene
Concen: 5.595 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.03 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Instrument :
BNA_F
ClientSampled :
T8-B1-(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.5	17.2	25.8#
125	84.0	10.2	15.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.439 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.06 min
Lab File: BF116529.D
Acq: 25 Aug 2019 13:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.6	18.7	28.1#
138	35.8	20.8	31.2#

