

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116157.D
 Acq On : 10 Aug 2019 19:01
 Operator : HP/JU
 Sample : K4294-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:54:53 AM

Quant Time: Aug 12 03:04:13 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	6.84	152	138856	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	545893	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	275375	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	435350	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	291554	20.00	ng	0.00
87) Perylene-d12	15.47	264	296883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	799944	96.44	ng	0.00
7) Phenol-d6	6.47	99	1042597	99.63	ng	-0.01
23) Nitrobenzene-d5	7.40	82	670219	70.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	229136	85.82	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1183693	80.51	ng	-0.01
79) Terphenyl-d14	12.94	244	1055439	76.28	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	32128	2.607	ng	92
50) Dimethylphthalate	9.59	163	144064	7.683	ng	100
71) Phenanthrene	11.38	178	65890	2.961	ng	99
75) Fluoranthene	12.57	202	91501	3.927	ng	99
78) Pyrene	12.80	202	89931	4.092	ng	97
83) Chrysene	14.03	228	44256	2.446	ng	98
88) Benzo(b)fluoranthene	15.04	252	36807m	2.144	ng	

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

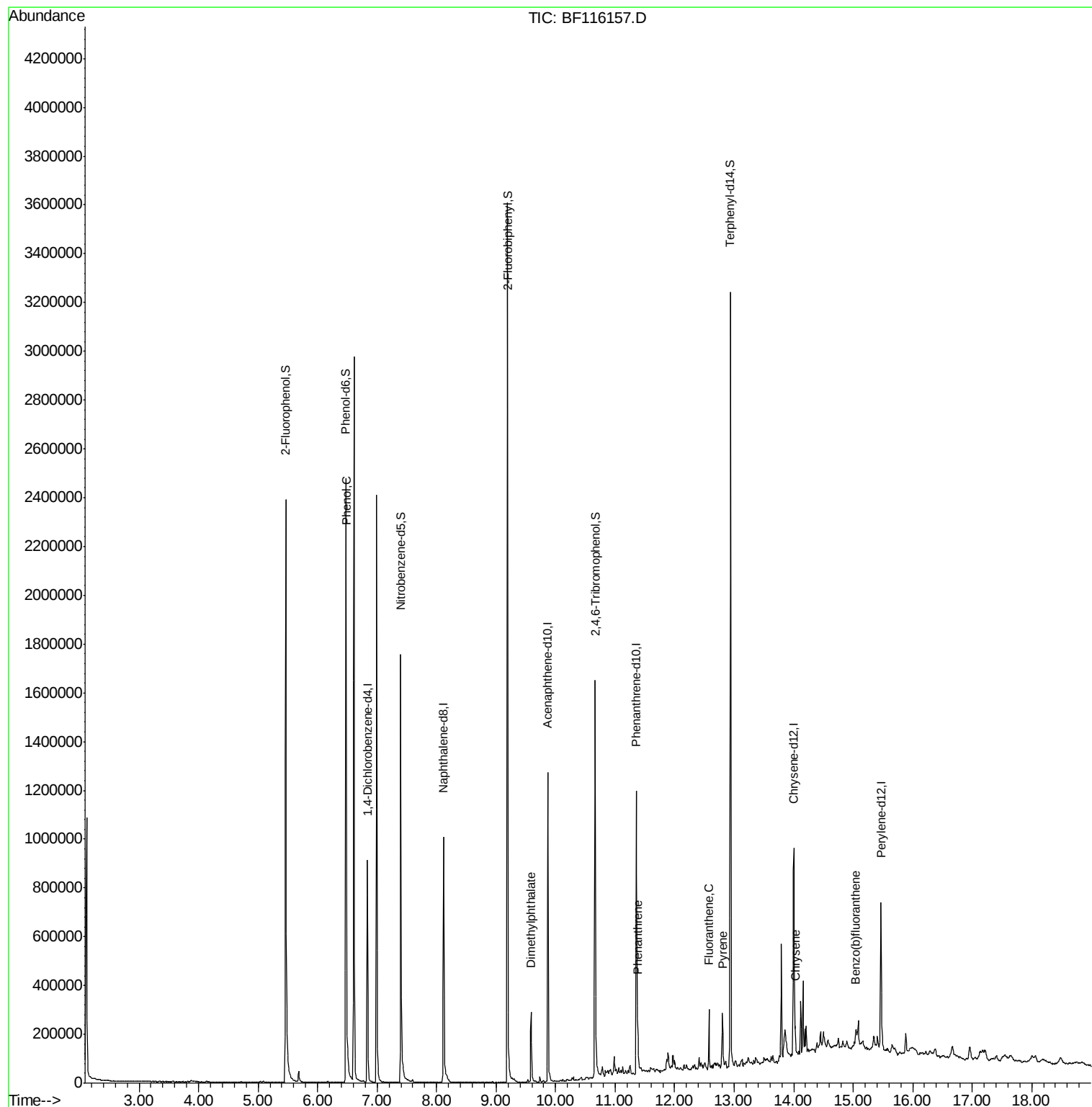
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
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#1

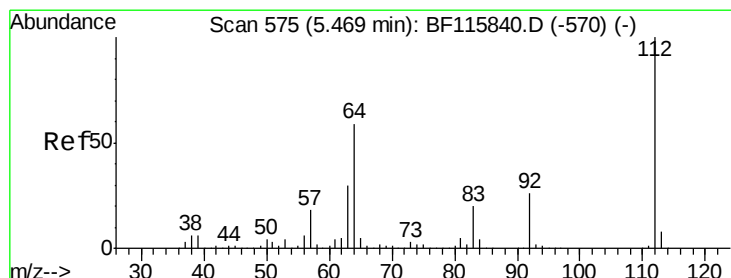
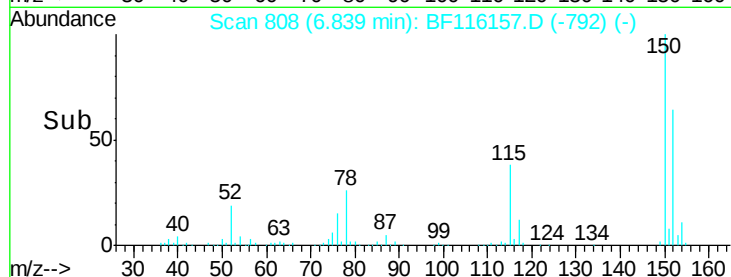
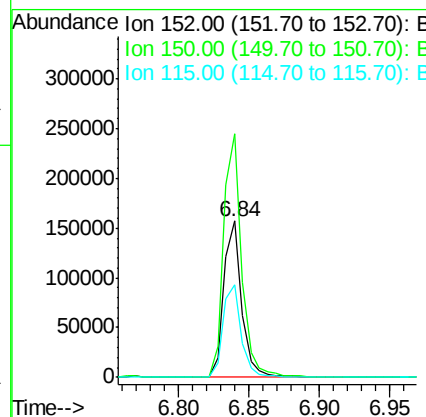
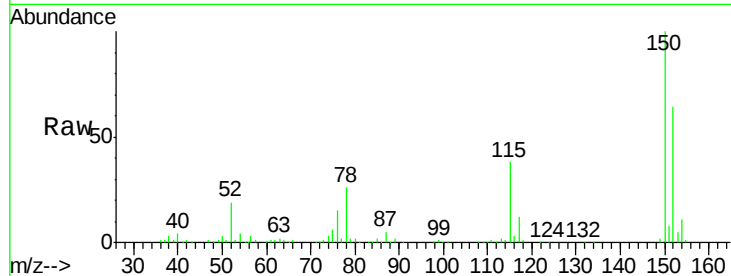
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	59.2	49.9	74.9

Manual Integrations
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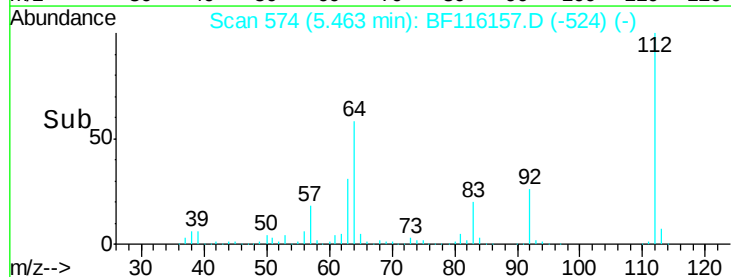
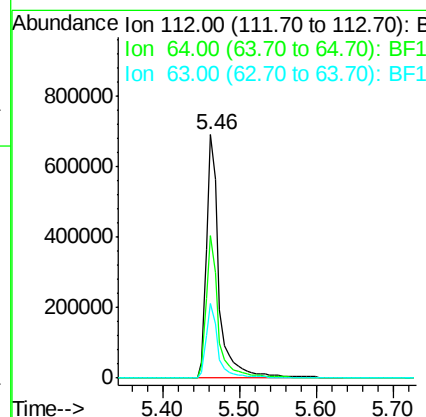
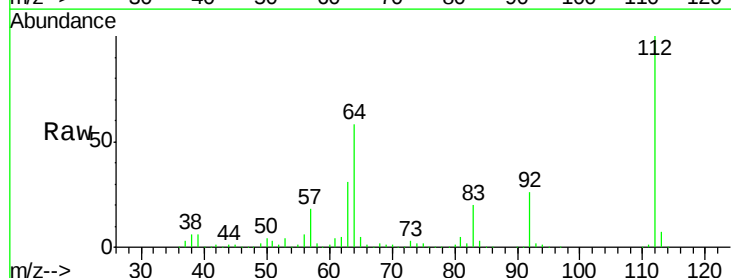
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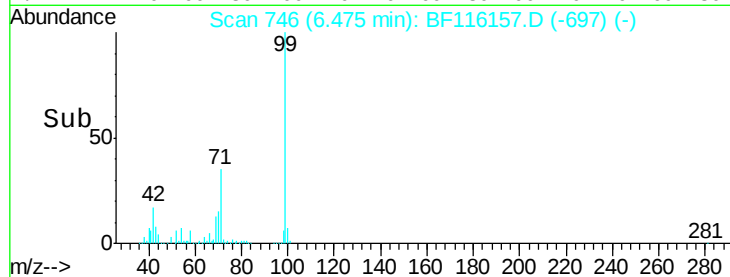
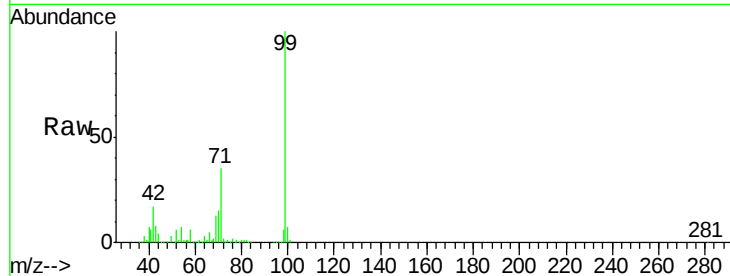
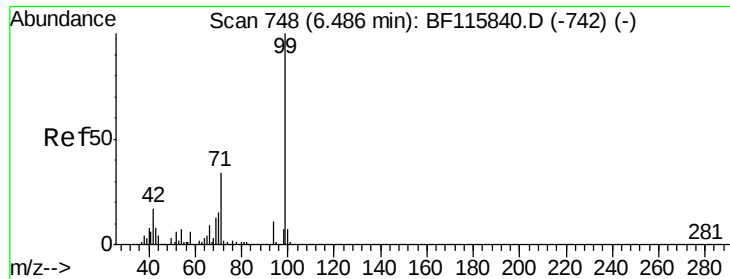


#5

2-Fluorophenol
Concen: 96.442 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.4	68.2
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 99.627 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116157.D

Acq: 10 Aug 2019 19:01

Tot Ion:	99	Resp:	1042597
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	34.6	27.3	40.9

Instrument :

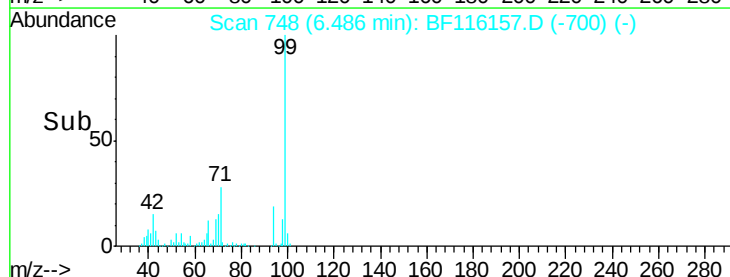
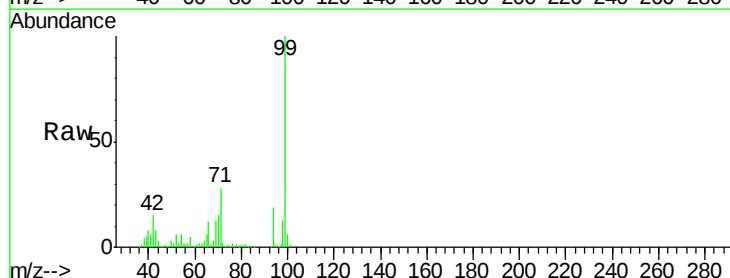
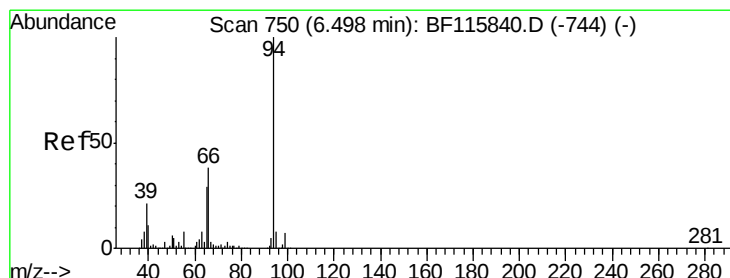
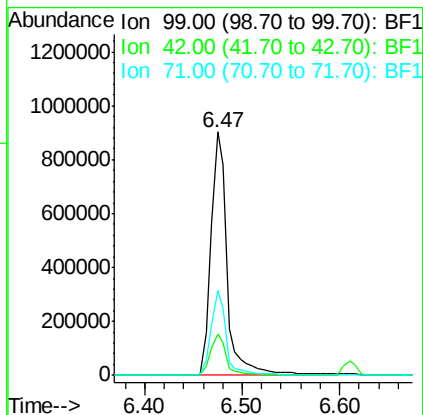
BNA_F

ClientSampleId :

RT-3860

Manual Integrations
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#10

Phenol

Concen: 2.607 ng

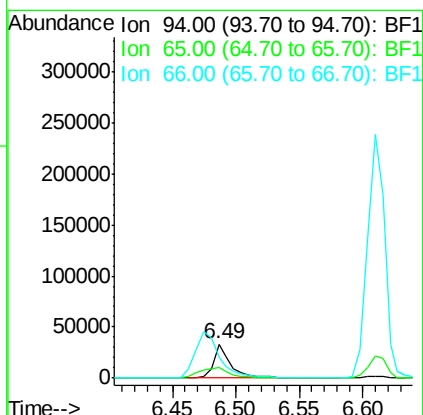
RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116157.D

Acq: 10 Aug 2019 19:01

Tgt Ion:	94	Resp:	32128
Ion	Ratio	Lower	Upper
94	100		
65	32.2	16.8	56.8
66	59.7	34.2	74.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116157.D

Acq: 10 Aug 2019 19:01

Instrument :

BNA_F

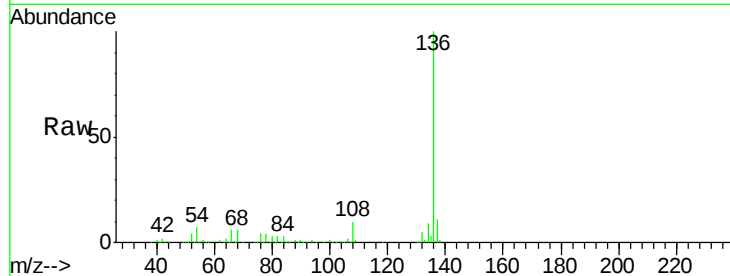
ClientSampleId :

RT-3860

Tot Ion	Ratio	Resp	Lower	Upper
136	100	545893		
137	11.1	9.0	13.4	
54	7.4	5.8	8.6	
68	6.5	5.2	7.8	

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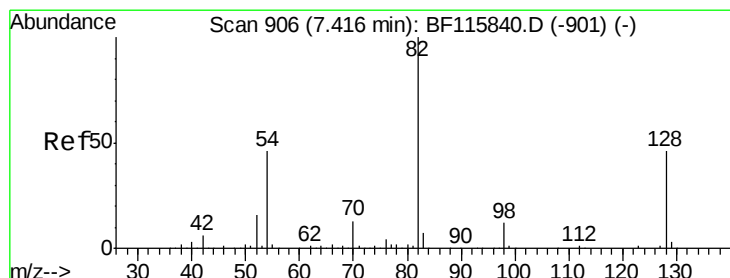
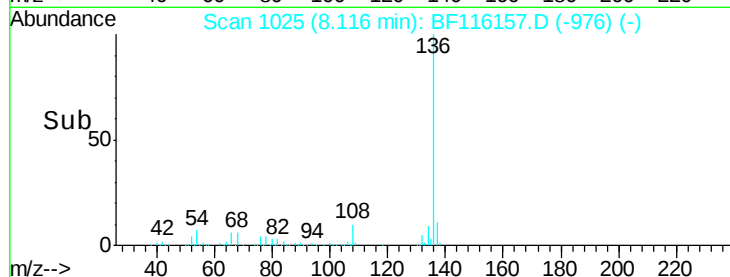
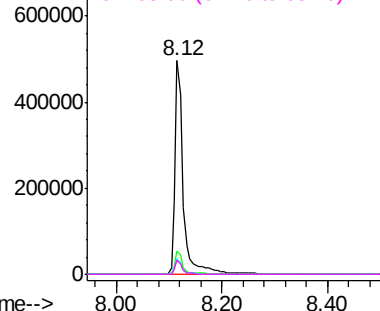


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 70.869 ng

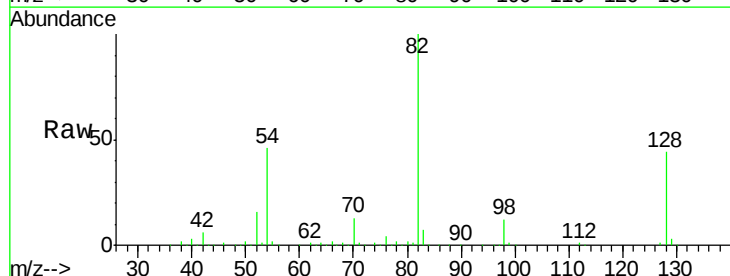
RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116157.D

Acq: 10 Aug 2019 19:01

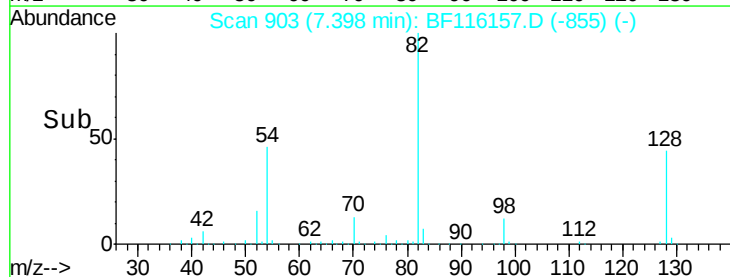
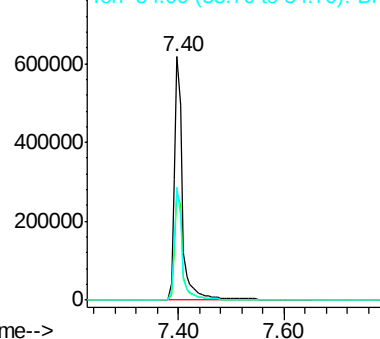
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	670219		
128	44.3	36.5	54.7	
54	46.2	36.0	54.0	

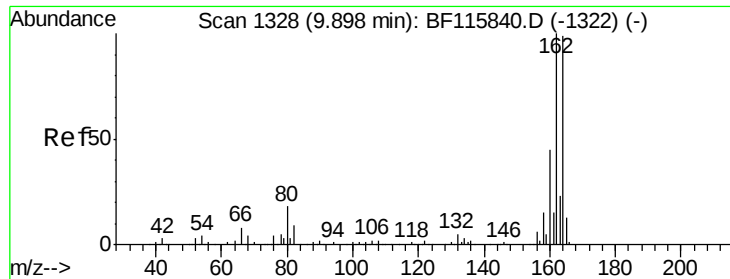


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





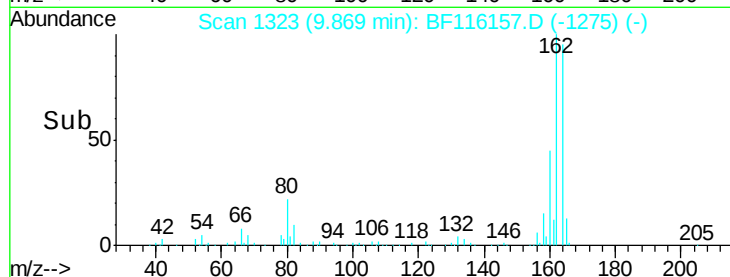
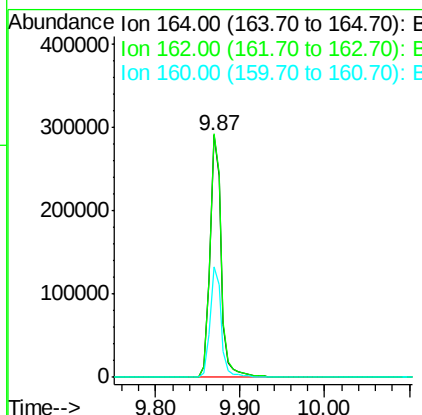
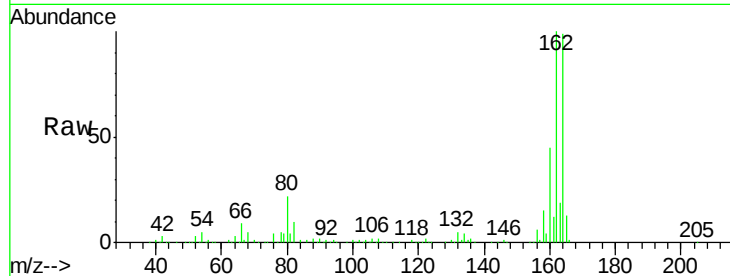
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116157.D
 Acq: 10 Aug 2019 19:01

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	82.6	124.0	
160	45.5	37.6	56.4	

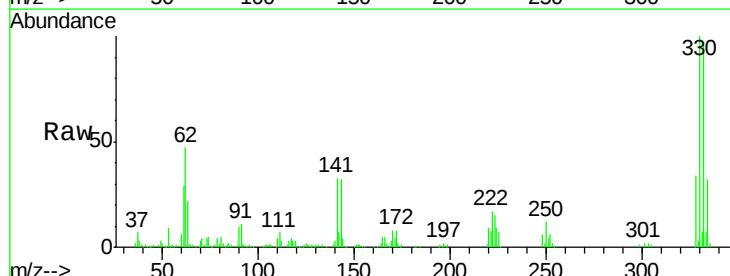
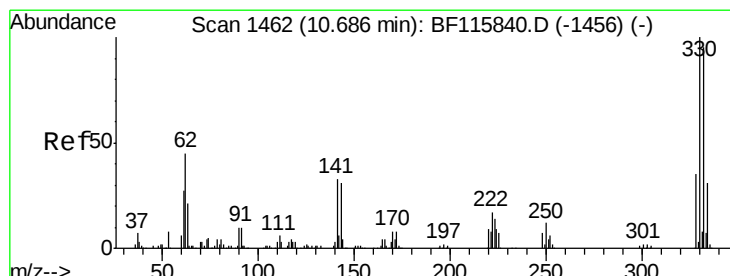
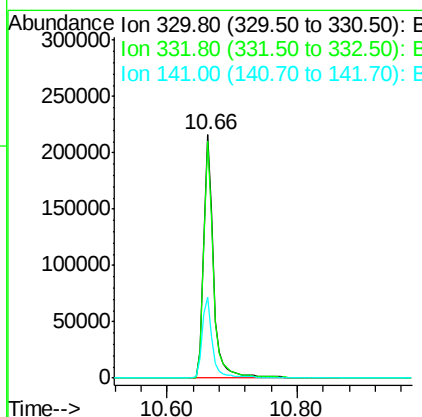
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#42
 2,4,6-Tribromophenol
 Concen: 85.824 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116157.D
 Acq: 10 Aug 2019 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.8	115.2	
141	34.7	26.3	39.5	





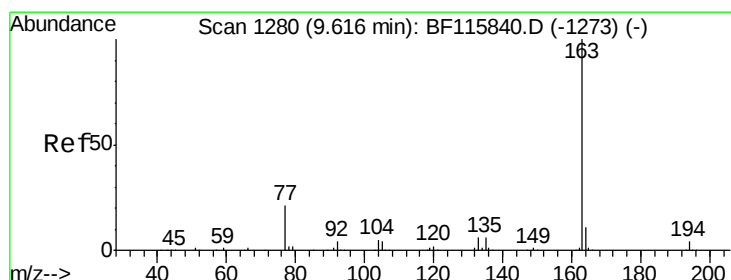
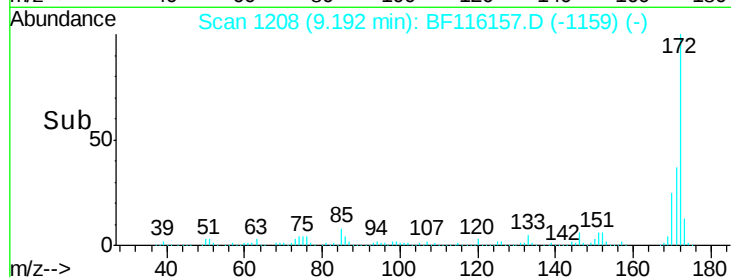
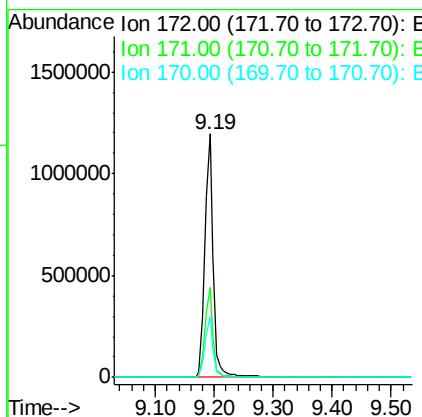
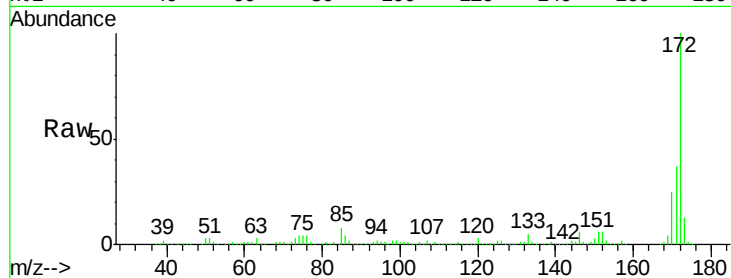
#45
2-Fluorobiphenyl
Concen: 80.514 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.8	29.6	44.4	
170	24.8	20.1	30.1	

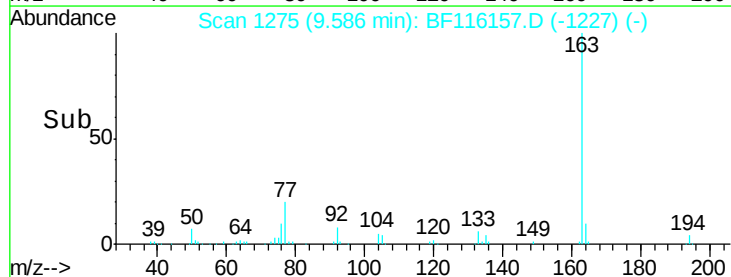
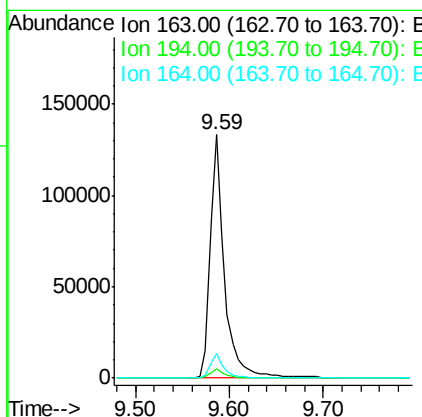
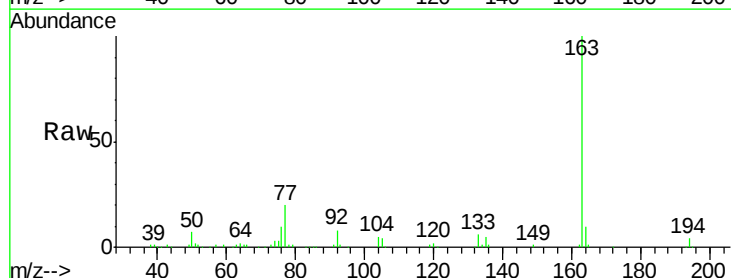
Manual Integrations
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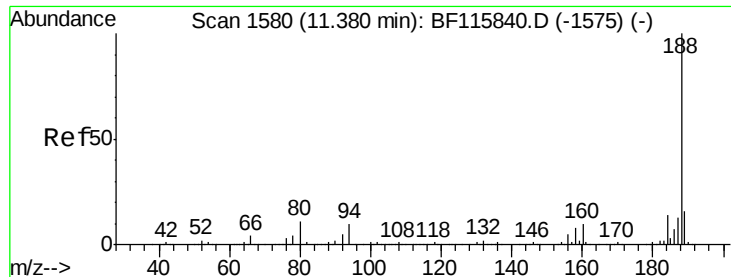
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#50
Dimethylphthalate
Concen: 7.683 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.7	3.0	4.6	
164	10.3	8.4	12.6	





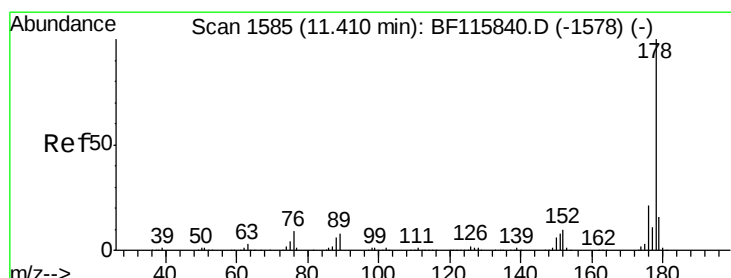
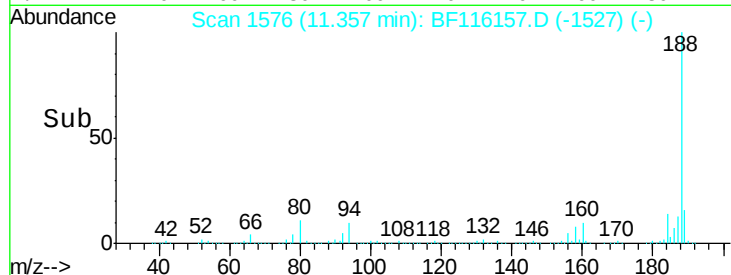
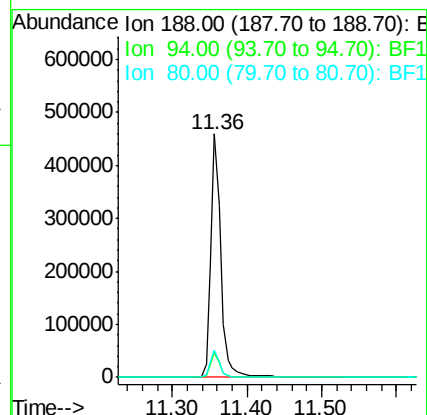
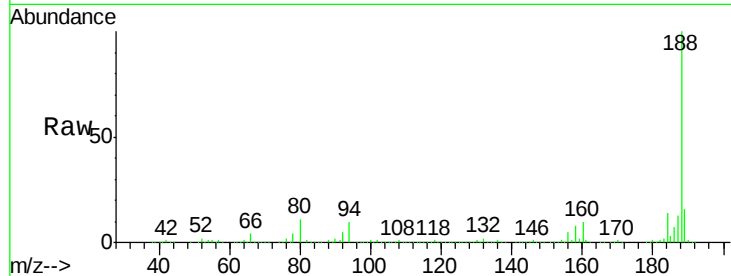
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tot Ion	Ratio	Resp	Lower	Upper
188	100	435350		
94	10.3	8.1	12.1	
80	11.0	8.7	13.1	

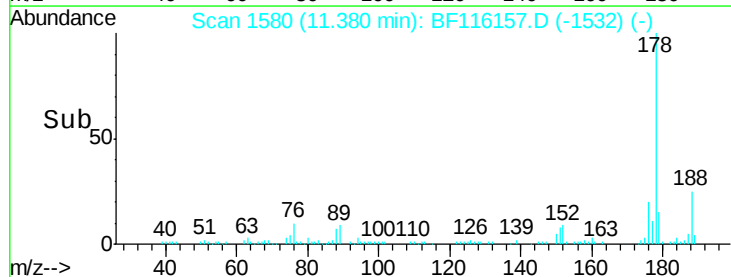
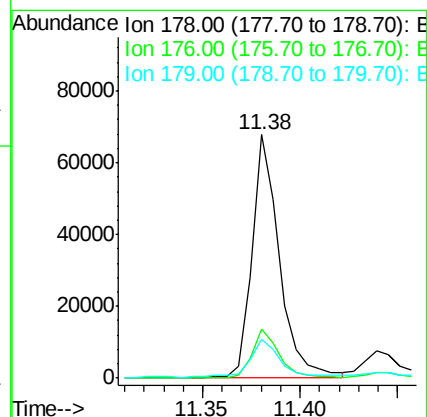
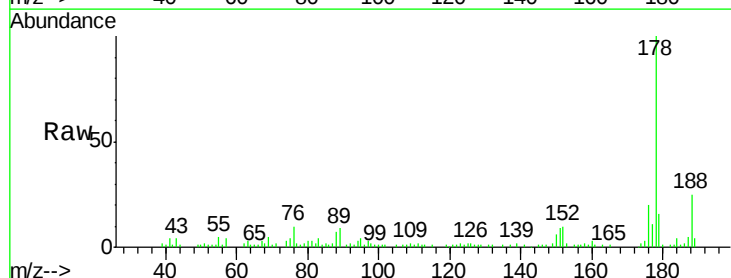
Manual Integrations
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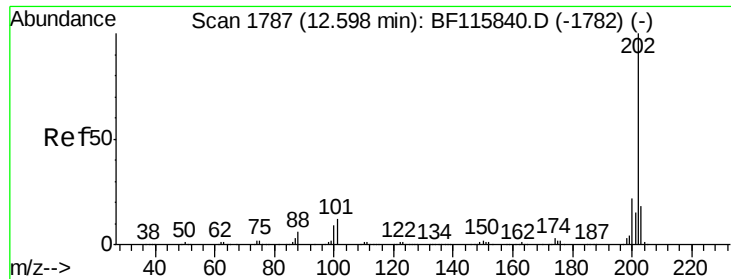
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#71
Phenanthrene
Concen: 2.961 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	65890		
176	19.9	16.6	24.8	
179	15.8	12.5	18.7	





#75

Fluoranthene

Concen: 3.927 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116157.D

Acq: 10 Aug 2019 19:01

Instrument :

BNA_F

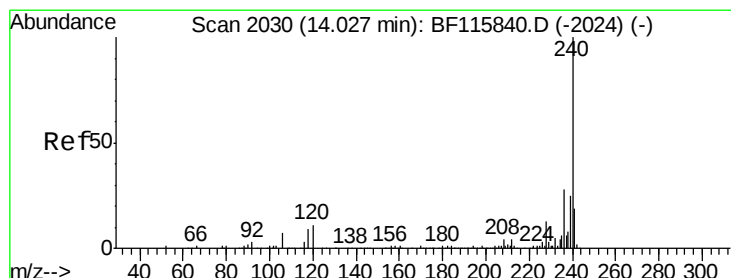
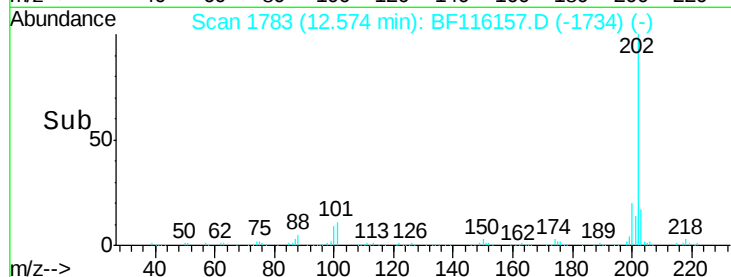
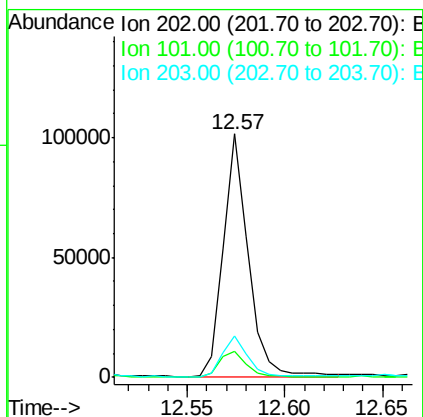
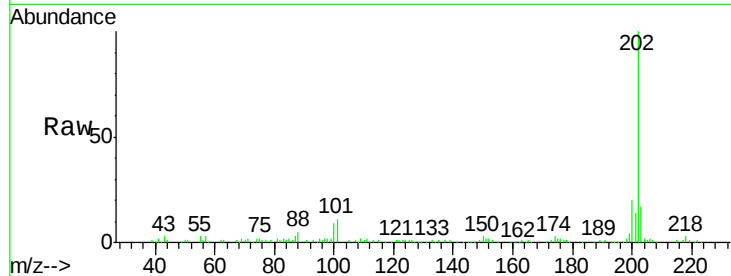
ClientSampled :

RT-3860

Tot Ion:	202	Resp:	91501
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.2
203	17.1	0.0	37.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

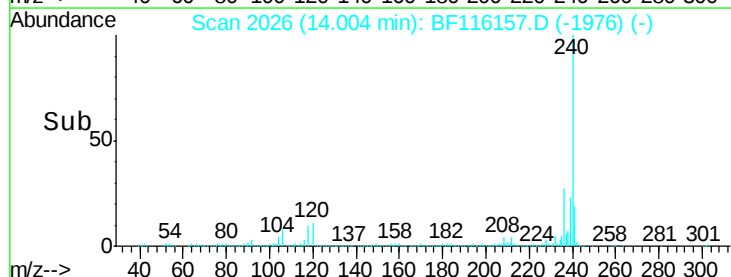
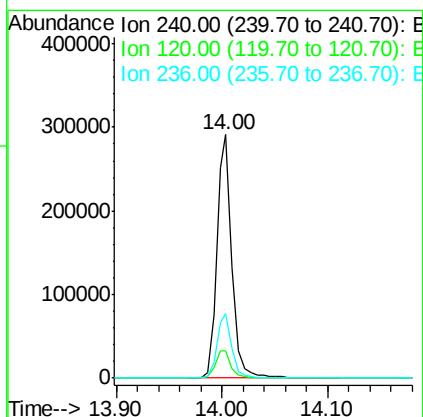
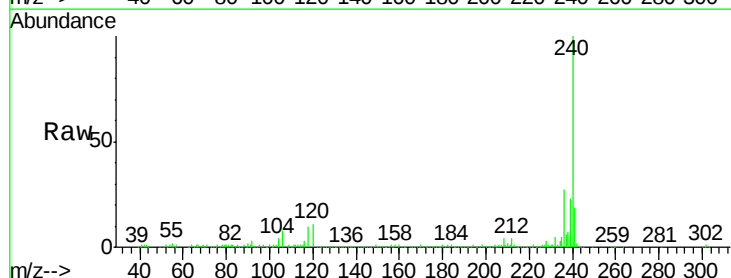
RT: 14.00 min Scan# 2026

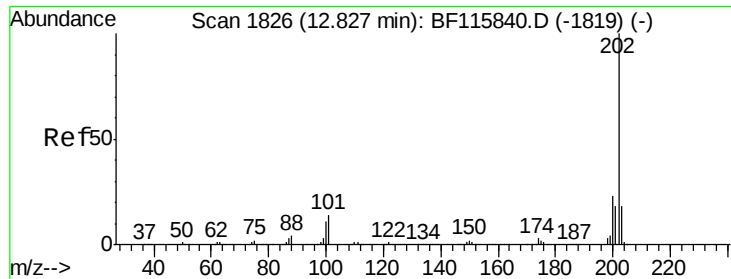
Delta R.T. -0.01 min

Lab File: BF116157.D

Acq: 10 Aug 2019 19:01

Tgt Ion:	240	Resp:	291554
Ion Ratio	Lower	Upper	
240	100		
120	11.0	10.7	16.1
236	26.6	22.2	33.2





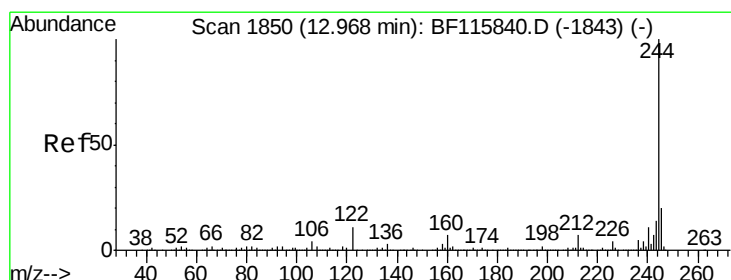
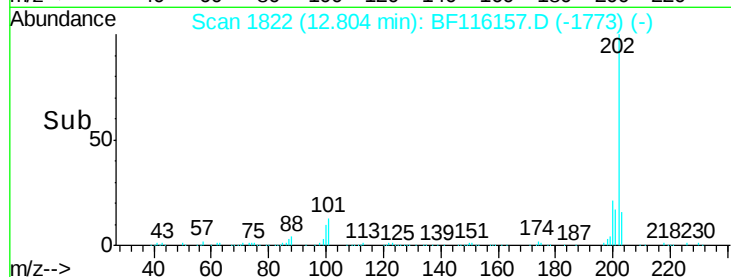
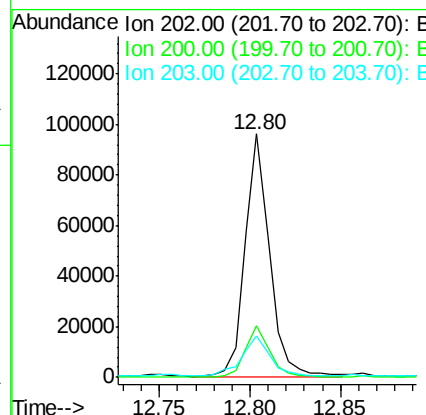
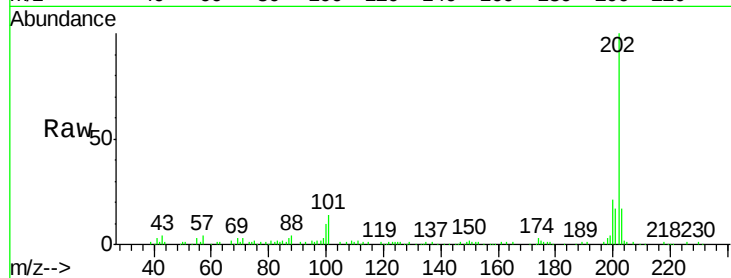
#78
Pvrene
Concen: 4.092 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.0	27.0
203	16.9	14.1	21.1

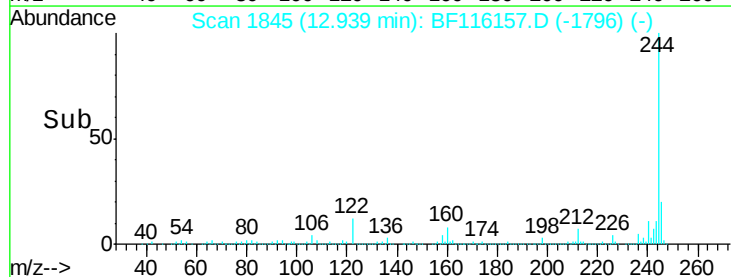
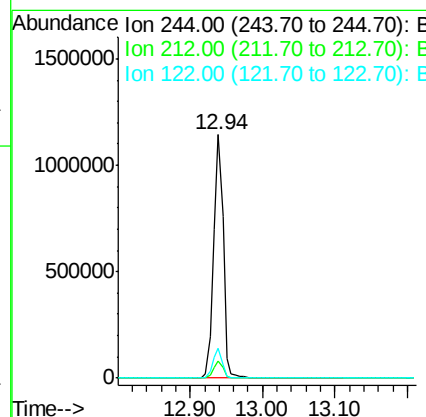
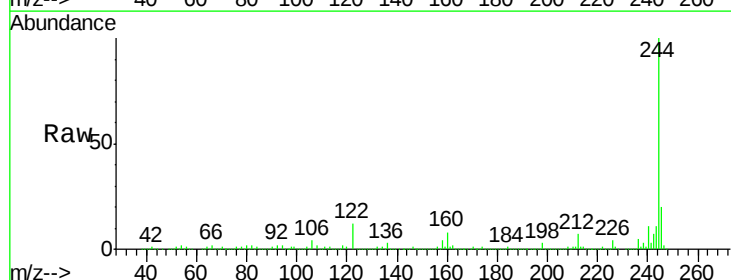
Manual Integrations
APPROVED

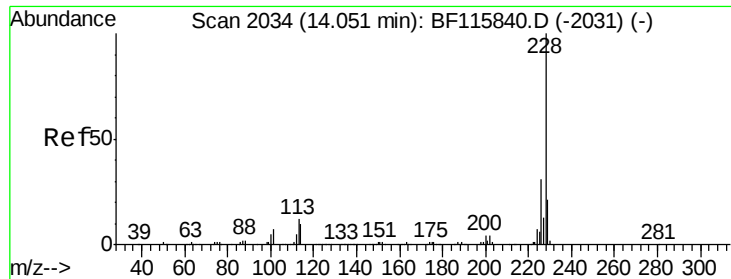
mohammad
8/14/2019 2:54:53 AM



#79
Terphenyl-d14
Concen: 76.280 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.1	9.0	13.4





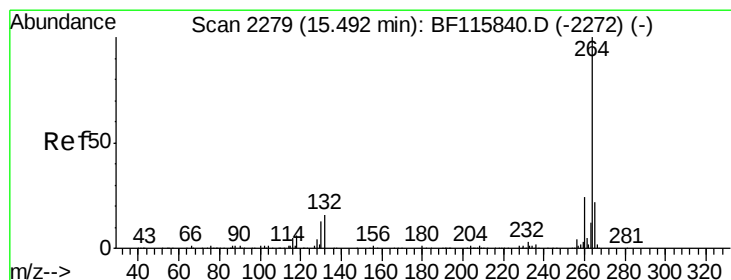
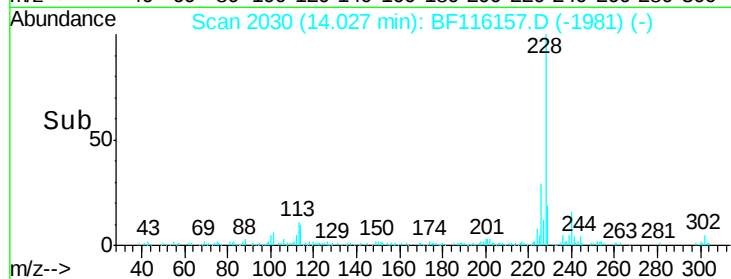
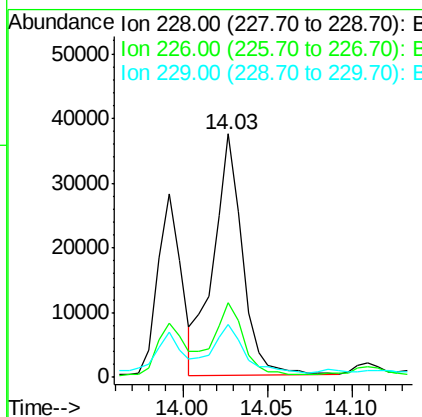
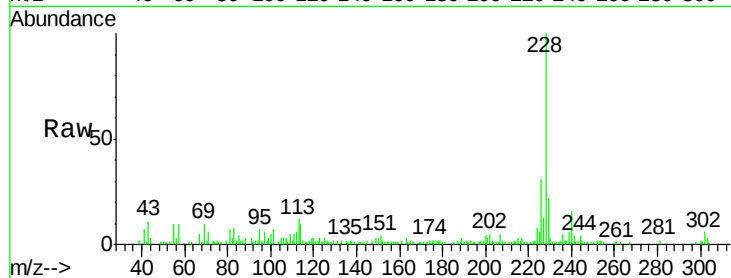
#83
Chrysene
Concen: 2.446 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	21.5	16.6	24.8

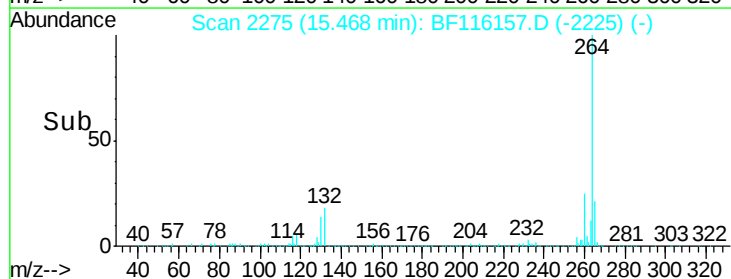
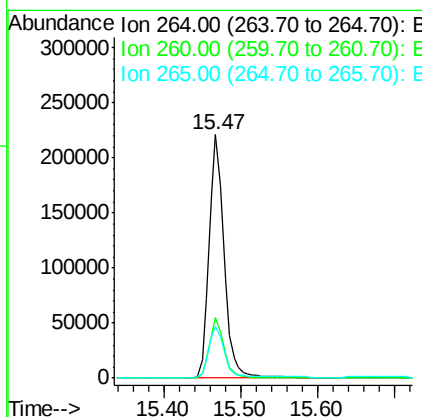
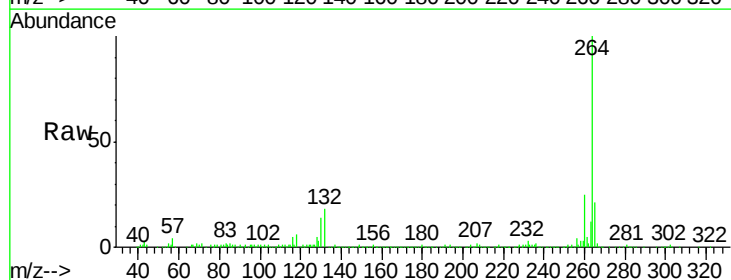
Manual Integrations
APPROVED

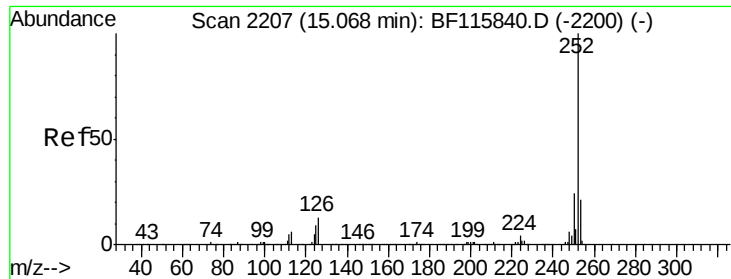
mohammad
8/14/2019 2:54:53 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116157.D
Acq: 10 Aug 2019 19:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.2	17.4	26.0





#88

Benzo(b)fluoranthene

Concen: 2.144 ng m

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF116157.D

Acq: 10 Aug 2019 19:01

Instrument :

BNA_F

ClientSampleId :

RT-3860

Tot Ion:	252	Resp:	36807
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.8
125	15.3	8.4	12.6#

Manual Integrations
APPROVED

mohammad
8/14/2019 2:54:53 AM

