

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115605.D
 Acq On : 16 Jul 2019 18:51
 Operator : HP/JU
 Sample : K3830-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3456

Manual Integrations
 APPROVED

mohammad
 7/17/2019 12:06:33 PM

Quant Time: Jul 17 05:21:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	152217	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	562095	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	275755	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	504736	20.00	ng	0.00
76) Chrysene-d12	14.04	240	356468	20.00	ng	-0.01
87) Perylene-d12	15.51	264	429974	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1003475	107.83	ng	0.00
7) Phenol-d6	6.51	99	1230175	104.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	676199	69.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	276640	85.95	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1296566	82.30	ng	-0.01
79) Terphenyl-d14	12.99	244	1223996	63.36	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	208648	10.057	ng	98
71) Phenanthrene	11.42	178	56544	2.186	ng	94
75) Fluoranthene	12.61	202	100010	3.658	ng	98
78) Pyrene	12.84	202	104441	3.458	ng	97
83) Chrysene	14.06	228	58741	2.492	ng	96
88) Benzo(b)fluoranthene	15.07	252	70649m	2.552	ng	
90) Benzo(a)pyrene	15.44	252	47872	2.012	ng	99

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

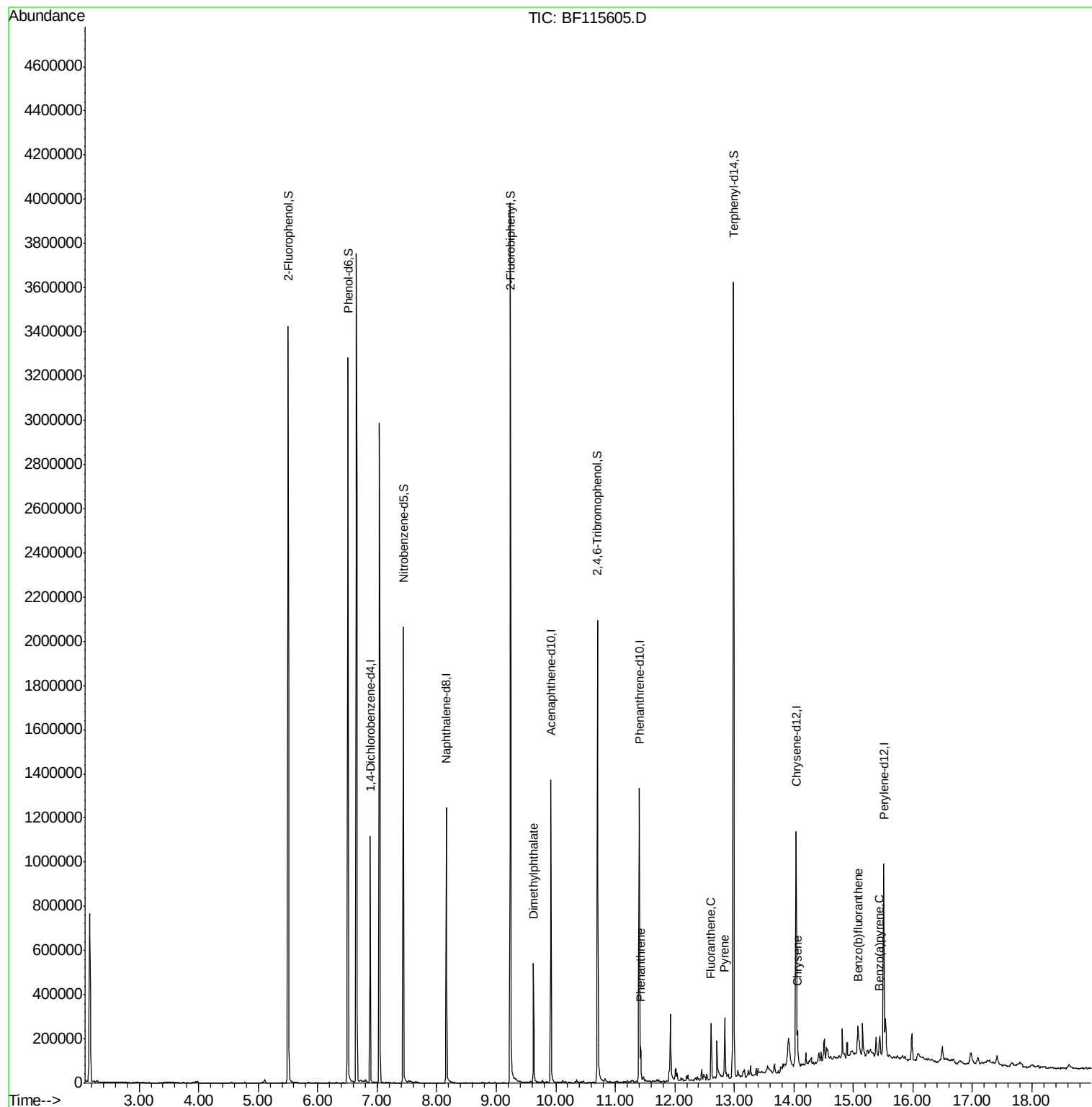
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115605.D
Acq On : 16 Jul 2019 18:51
Operator : HP/JU
Sample : K3830-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

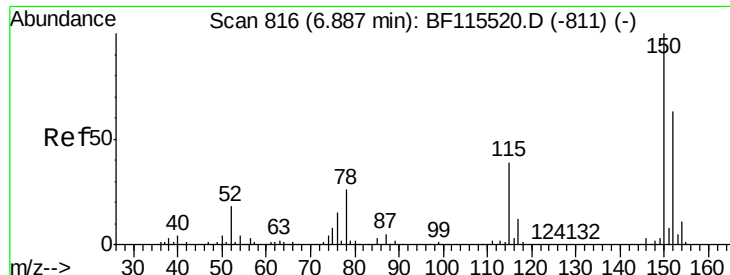
Instrument :
BNA_F
ClientSampleId :
RT-3456

Manual Integrations
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7/17/2019 12:06:33 PM

Quant Time: Jul 17 05:21:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





#1

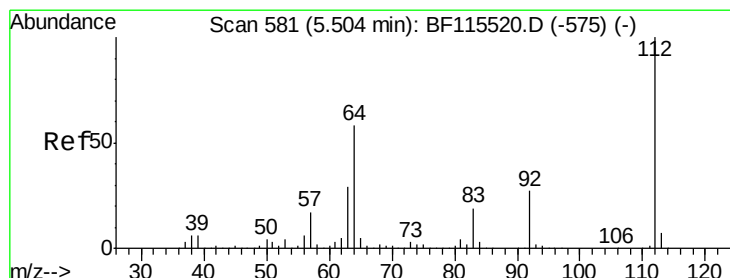
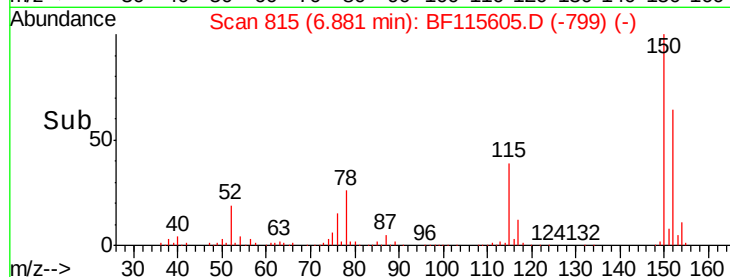
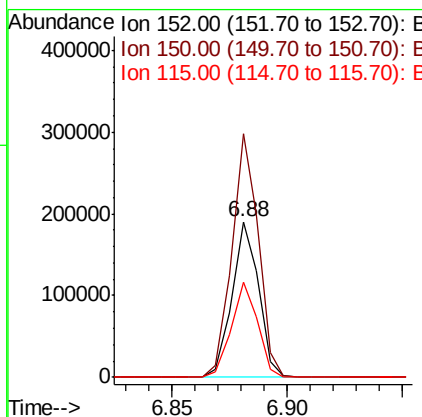
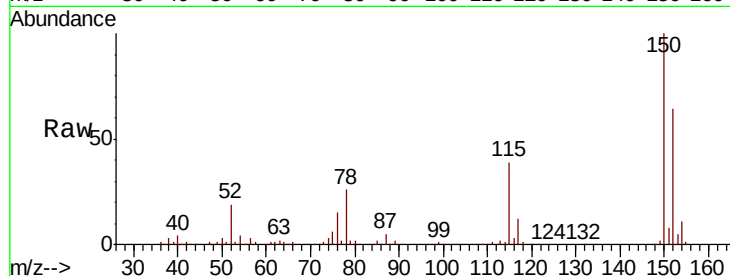
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :
RT-3456

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	129.7	194.5
115	61.2	48.2	72.4

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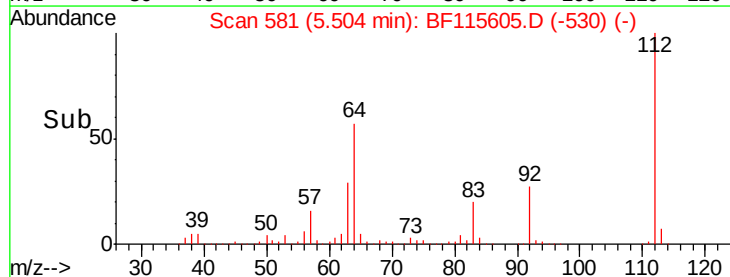
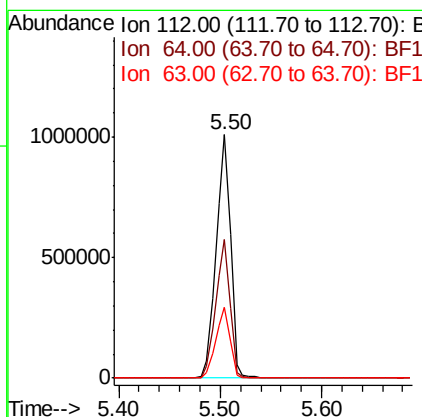
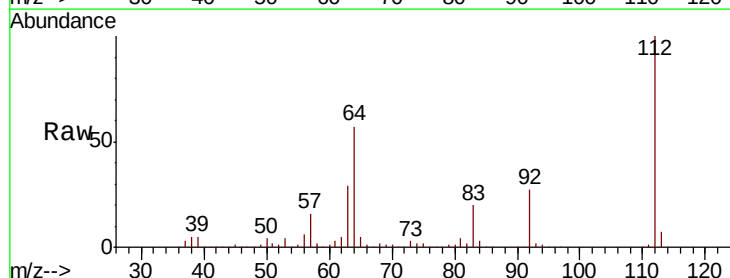
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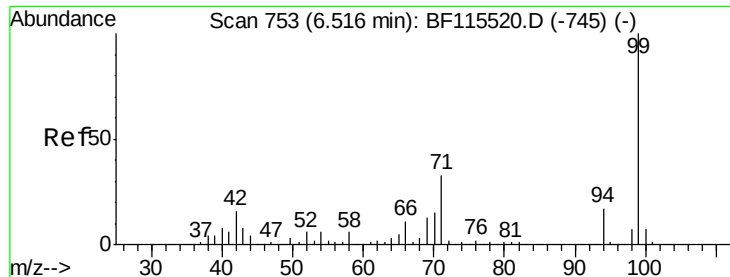


#5

2-Fluorophenol
Concen: 107.833 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.8	70.2
63	29.3	24.1	36.1





#7

Phenol-d6

Concen: 104.181 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115605.D

Acq: 16 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

RT-3456

Tot Ion: 99 Resp: 1230175

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

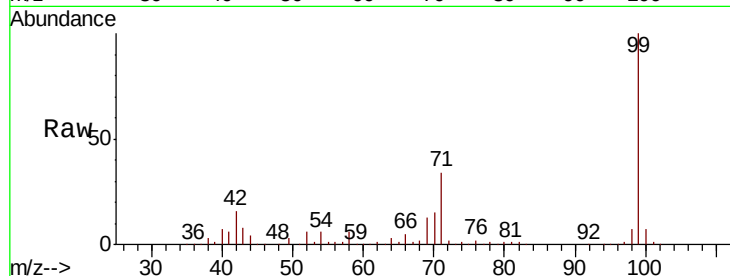
71 34.2 28.5 42.7

Manual Integrations

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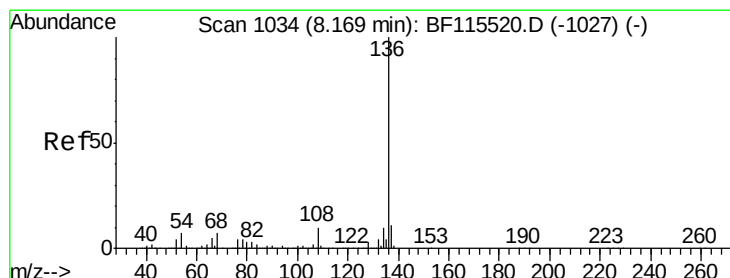
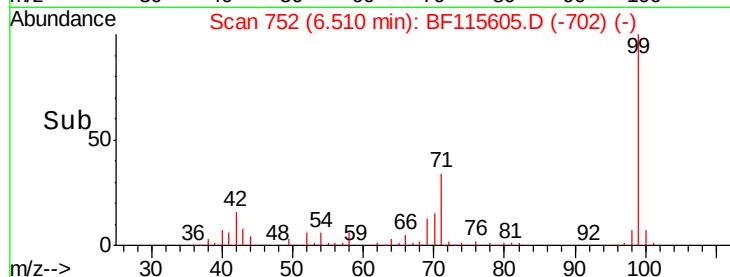
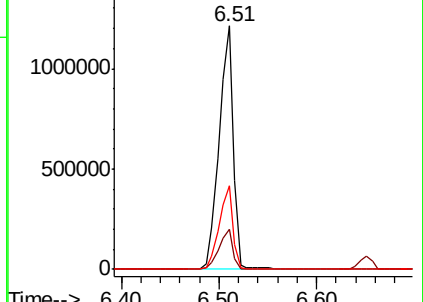
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115605.D

Acq: 16 Jul 2019 18:51

Tgt Ion: 136 Resp: 562095

Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.2 5.6 8.4

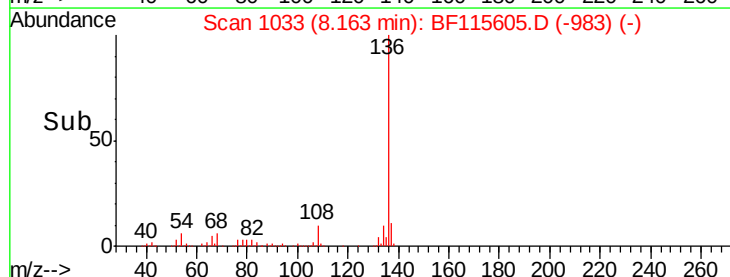
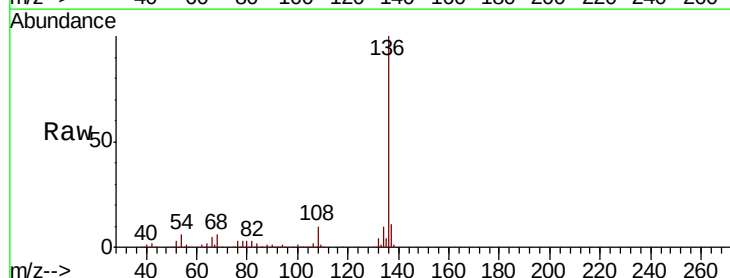
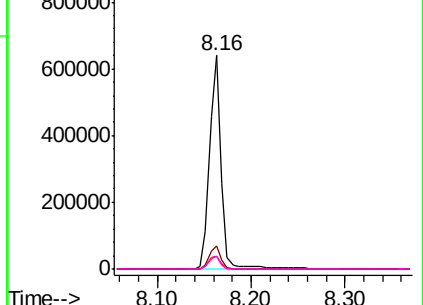
68 5.9 5.0 7.6

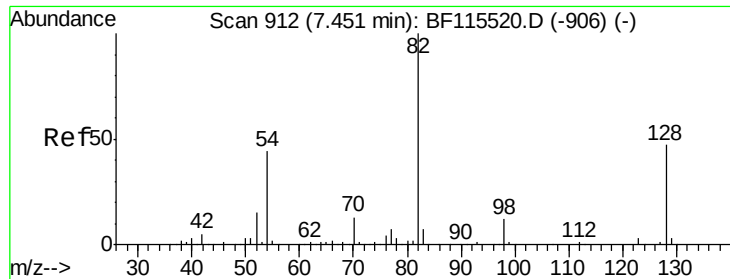
Abundance Ion 136.00 (135.70 to 136.70): E

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





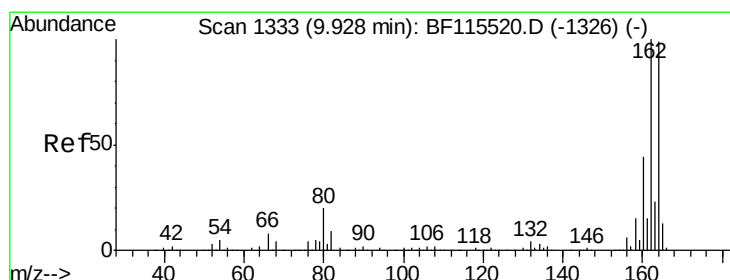
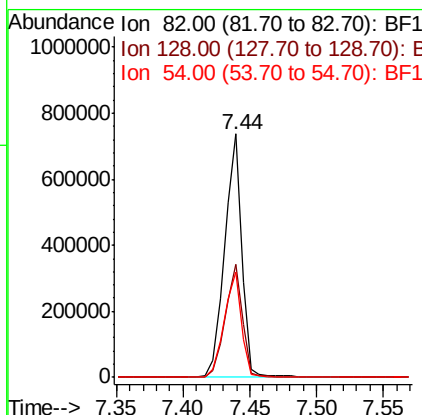
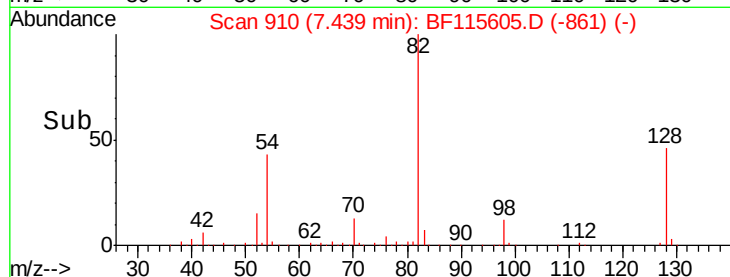
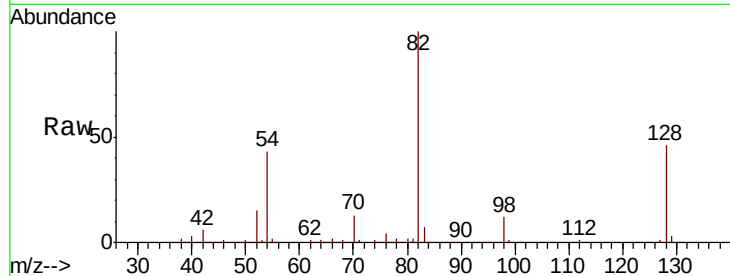
#23
 Nitrobenzene-d5
 Concen: 69.950 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115605.D
 Acq: 16 Jul 2019 18:51

Instrument :
 BNA_F
 ClientSampled :
 RT-3456

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.6	57.8
54	43.1	35.6	53.4

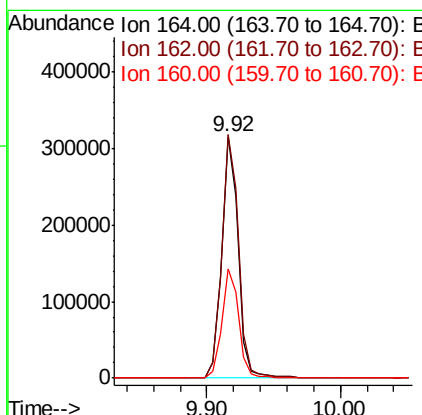
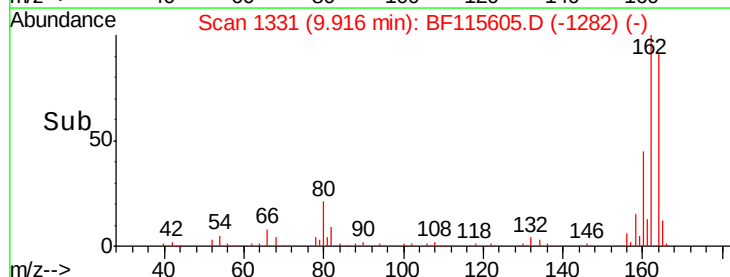
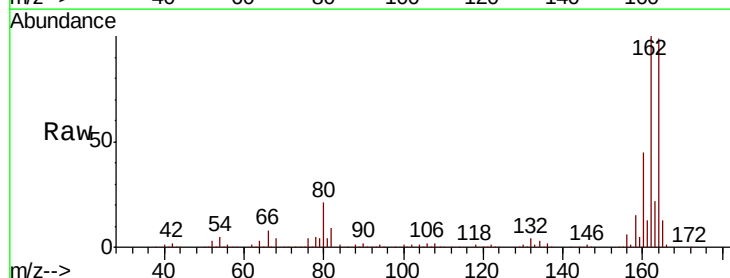
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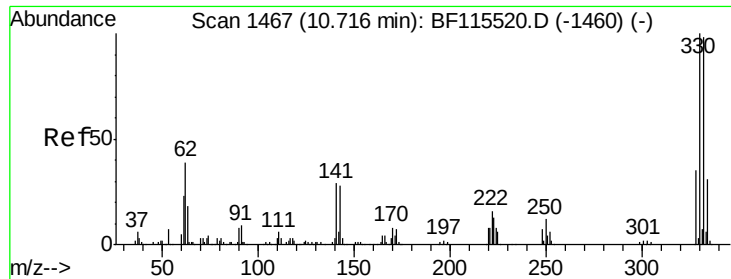
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115605.D
 Acq: 16 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.9	124.3
160	45.3	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 85.947 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115605.D

Acq: 16 Jul 2019 18:51

Instrument :

BNA_F

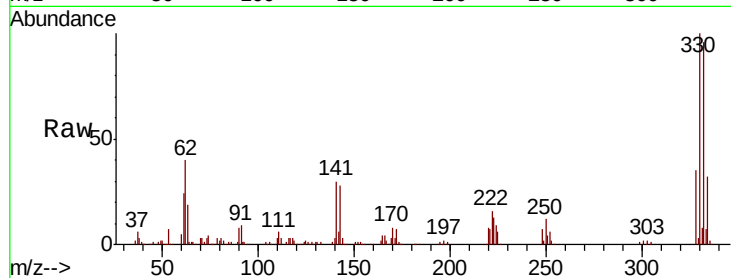
ClientSampleId :

RT-3456

Tot Ion:	330	Resp:	276640
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.4	116.2
141	30.9	22.4	33.6

Manual Integrations
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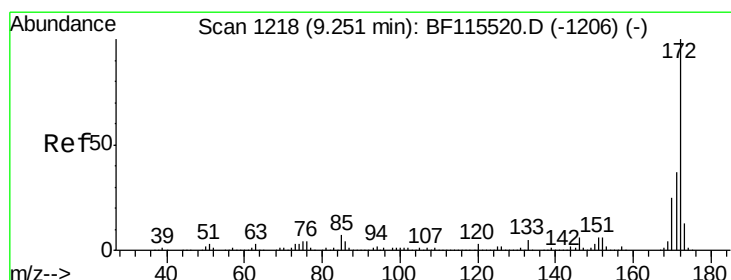
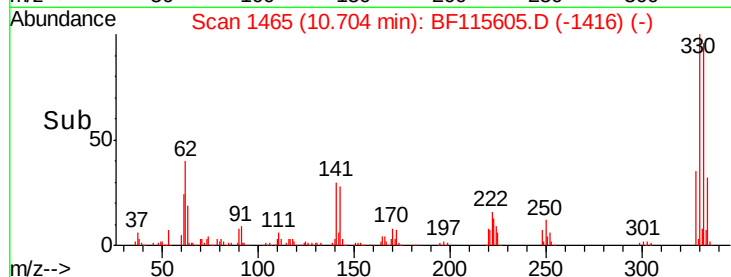
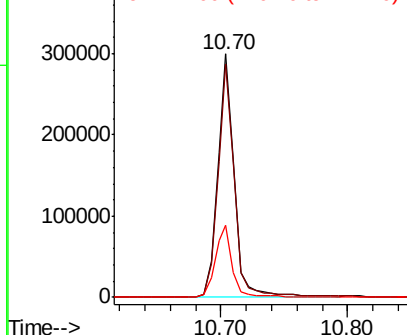


Abundance

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: 82.296 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115605.D

Acq: 16 Jul 2019 18:51

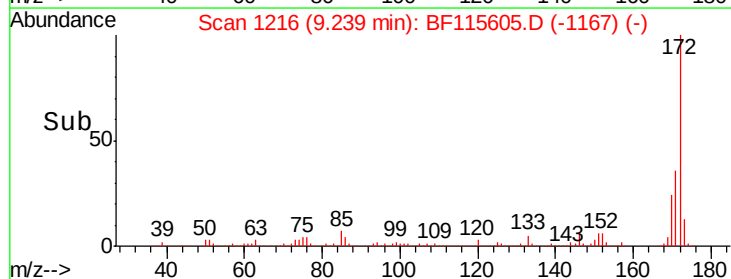
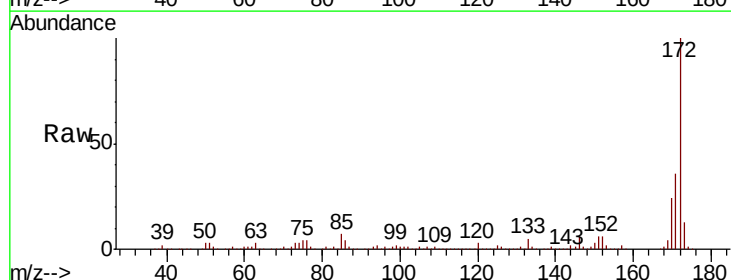
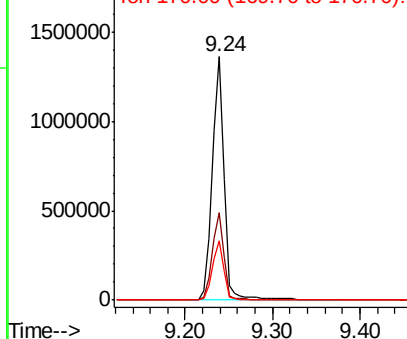
Tgt Ion:	172	Resp:	1296566
Ion Ratio	Lower	Upper	
172	100		
171	35.7	30.6	46.0
170	24.5	20.5	30.7

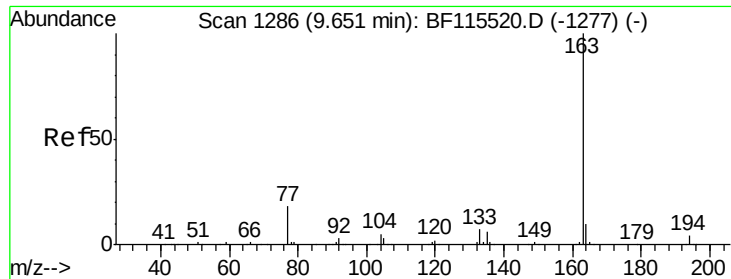
Abundance

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





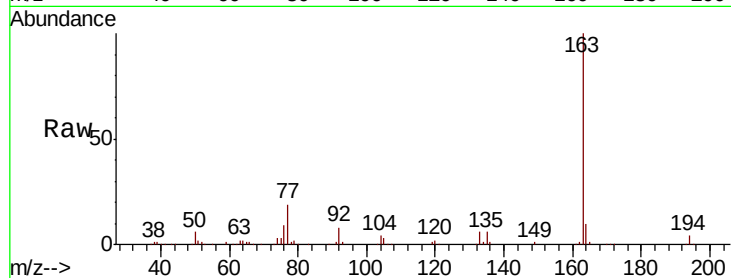
#50
Dimethylphthalate
Concen: 10.057 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :
RT-3456

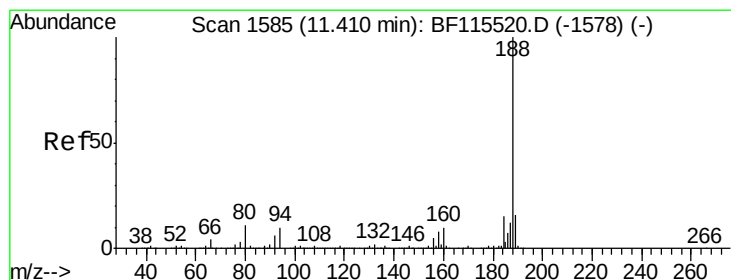
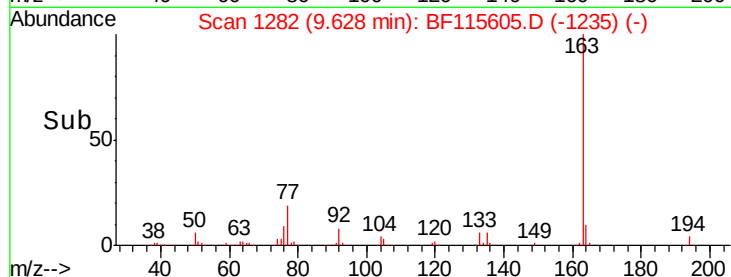
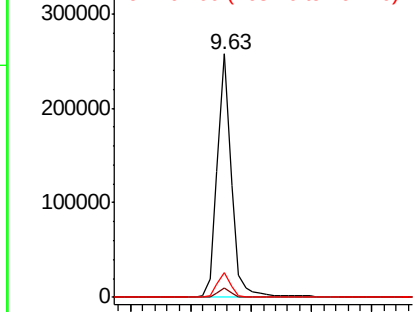
Tot Ion	Ratio	Resp	Lower	Upper
163	100	208648		
194	3.9		3.3	4.9
164	10.0		8.7	13.1

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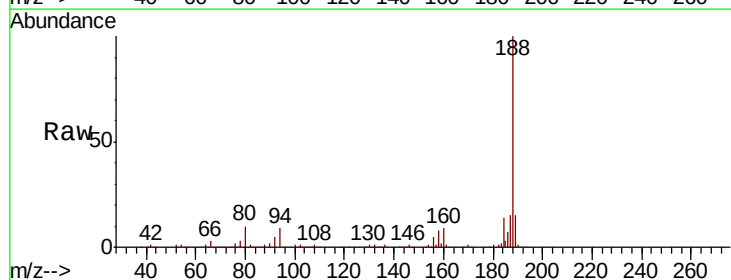


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

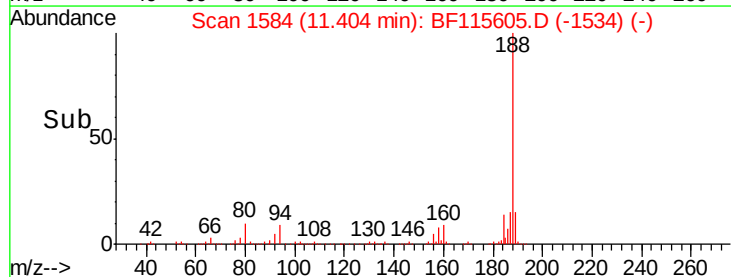
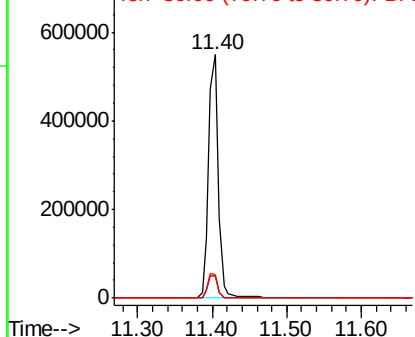


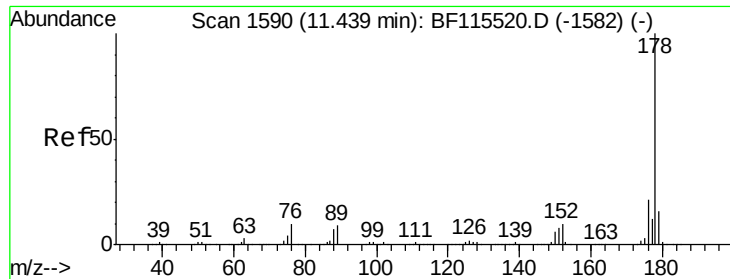
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	504736		
94	9.0		7.8	11.6
80	9.8		8.6	13.0



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





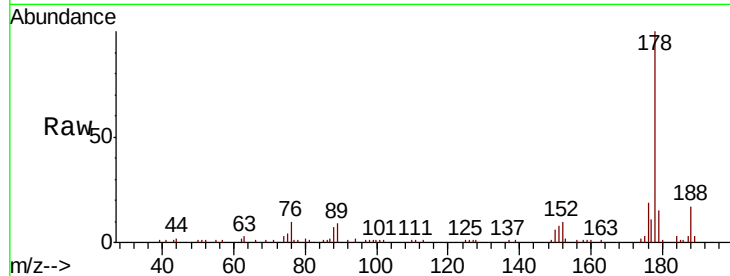
#71
Phenanthrene
Concen: 2.186 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :
RT-3456

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.2	25.8
179	14.7	13.5	20.3

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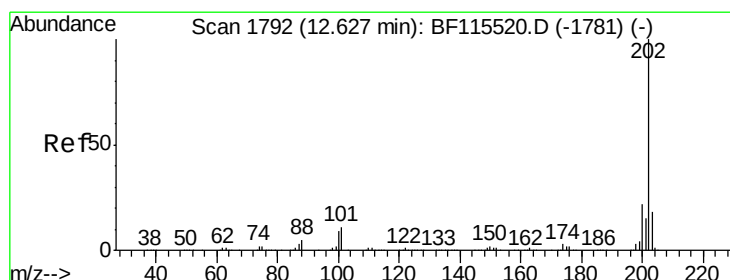
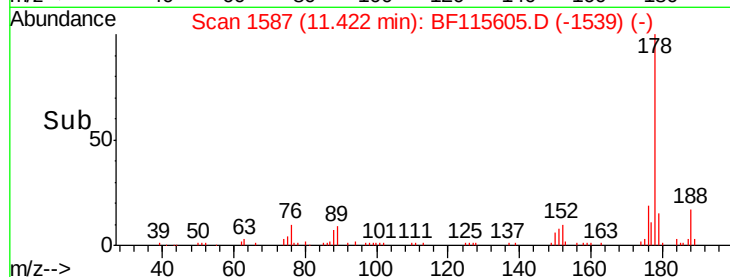
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



#75
Fluoranthene
Concen: 3.658 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.4
203	17.8	0.0	38.1

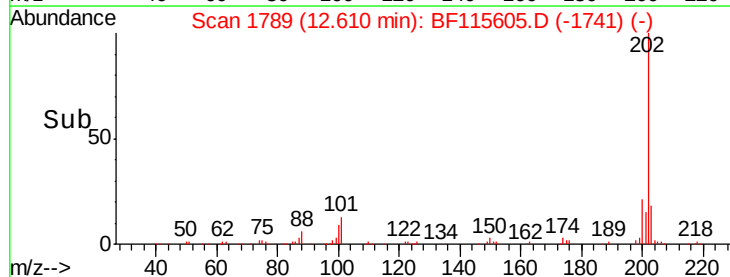
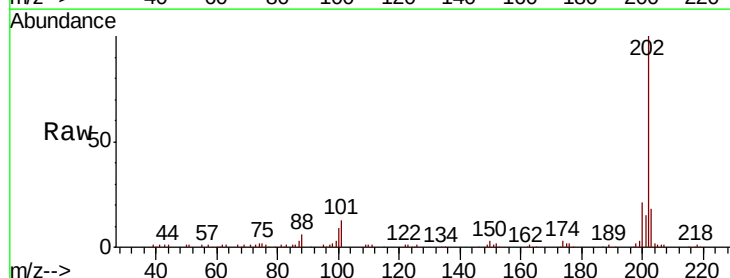
Abundance

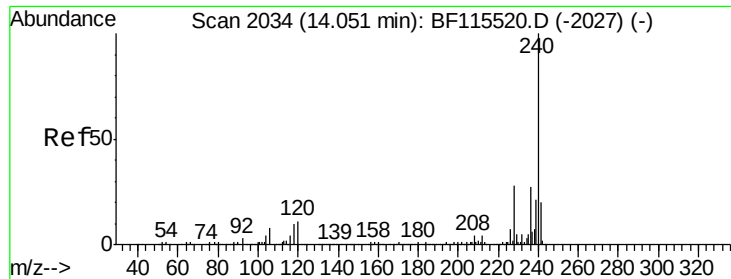
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





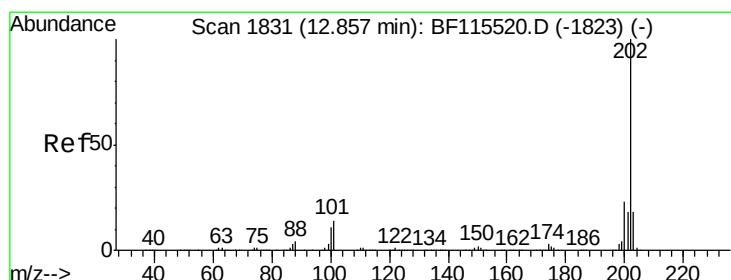
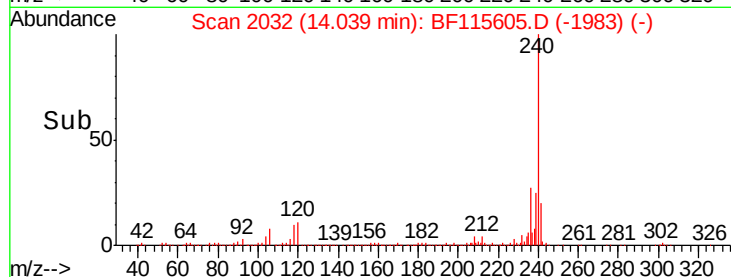
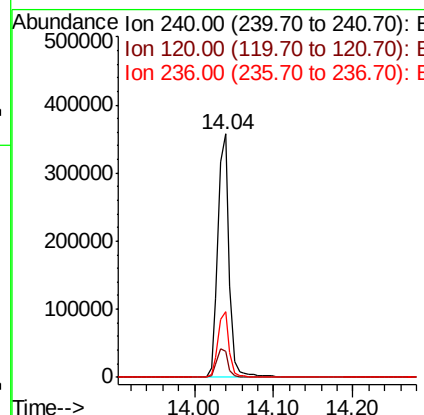
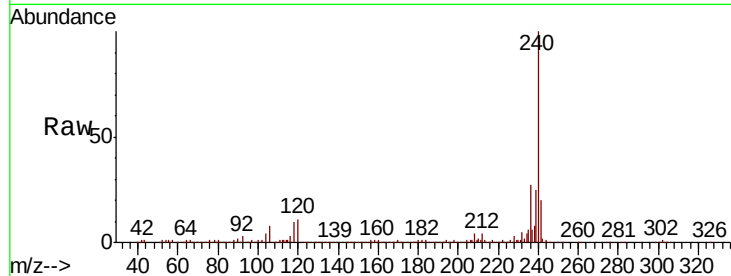
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :
RT-3456

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	13.0
236	26.7	21.3	31.9

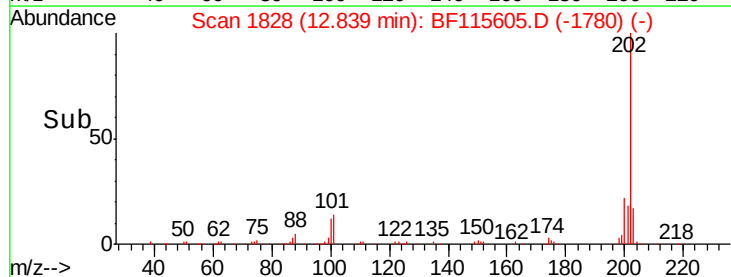
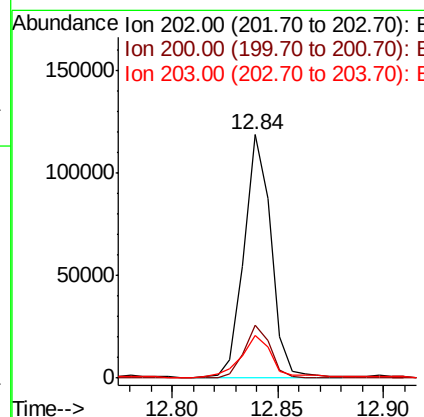
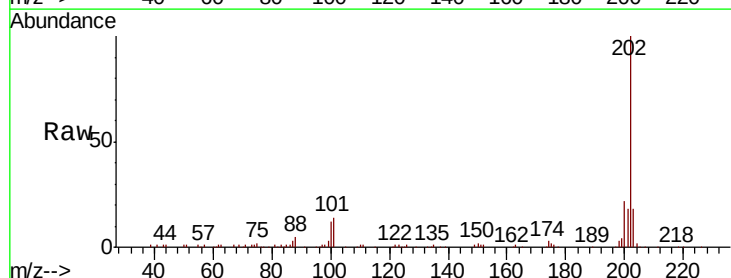
Manual Integrations
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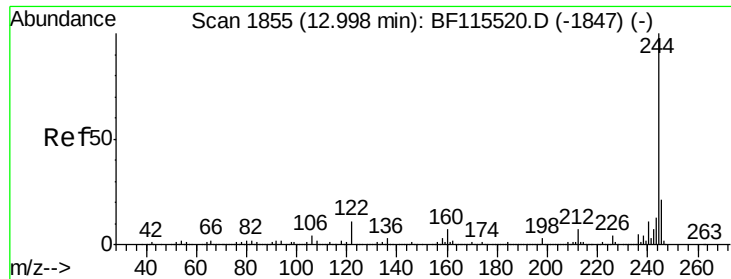
mohammad
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#78
Pyrene
Concen: 3.458 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.7	28.1
203	17.6	15.2	22.8





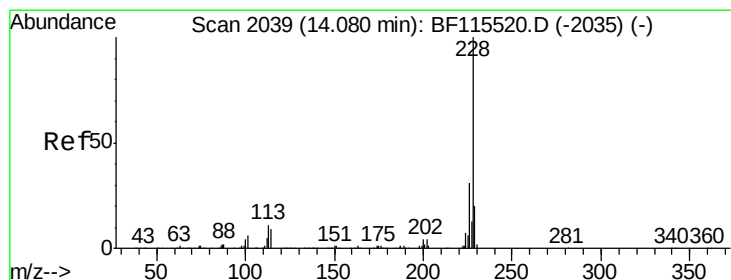
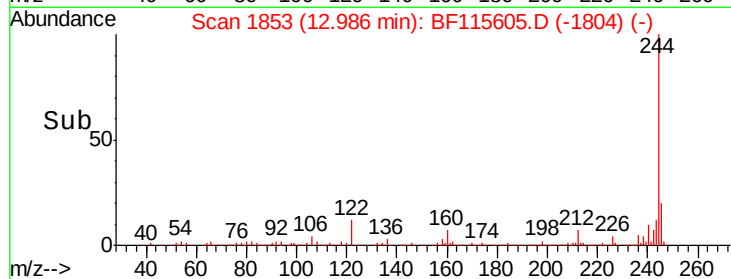
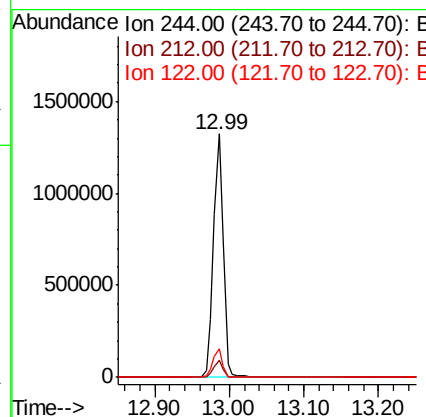
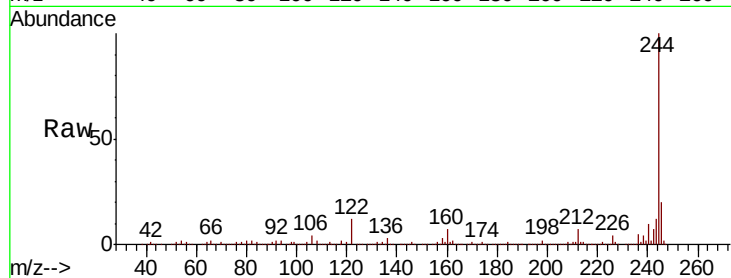
#79
 Terphenyl-d14
 Concen: 63.357 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115605.D
 Acq: 16 Jul 2019 18:51

Instrument :
 BNA_F
 ClientSampleId :
 RT-3456

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.5	8.6	12.8

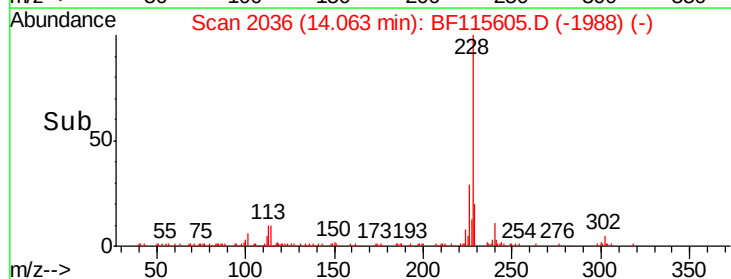
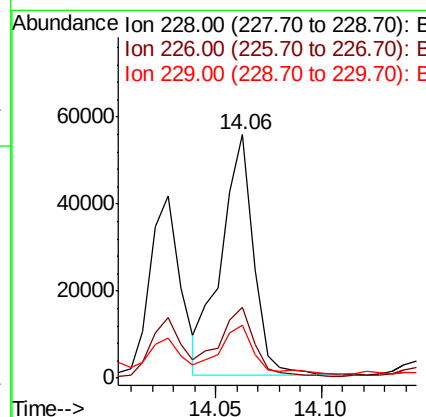
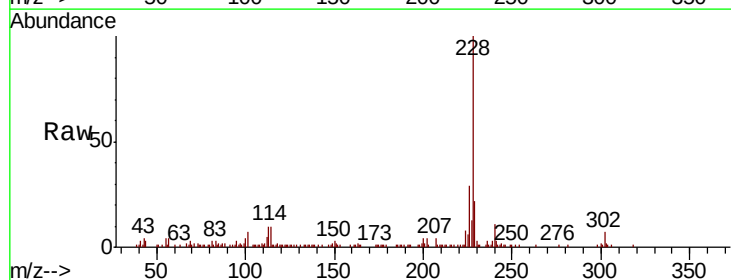
Manual Integrations
 APPROVED

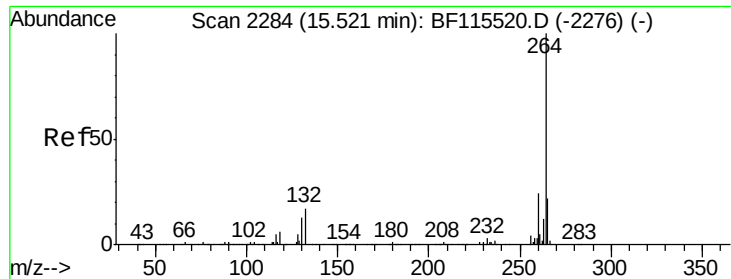
mohammad
 7/17/2019 12:06:33 PM



#83
 Chrysene
 Concen: 2.492 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF115605.D
 Acq: 16 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.7	38.5
229	21.9	16.6	25.0





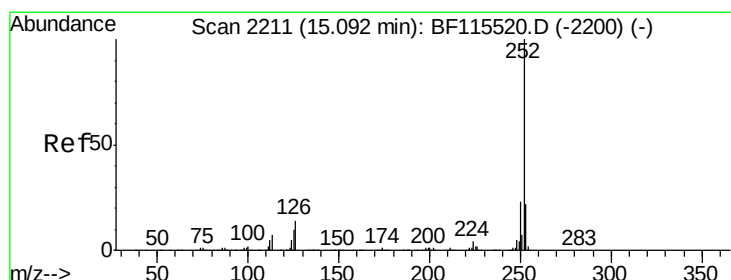
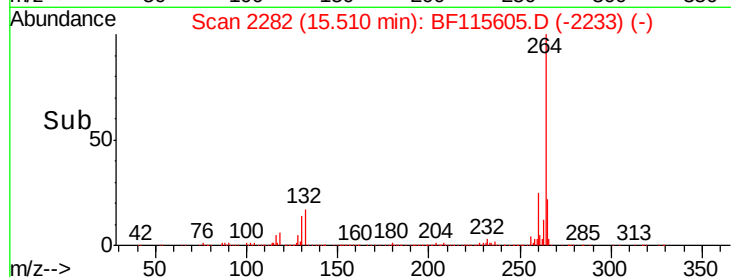
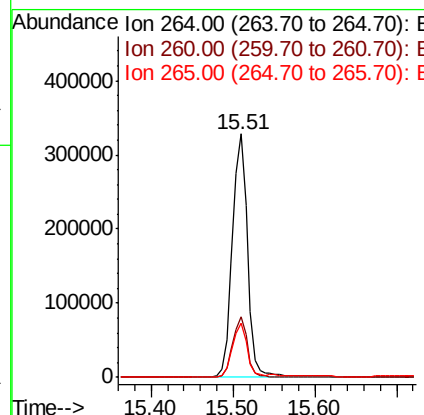
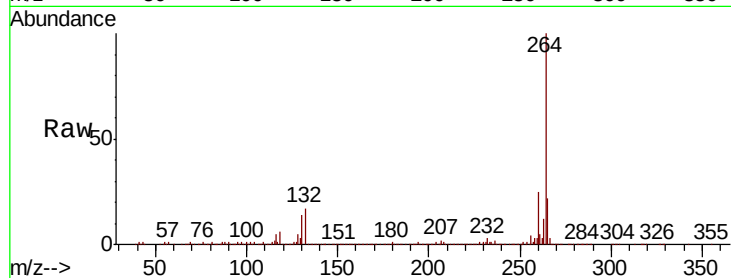
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :
RT-3456

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.3	17.7	26.5

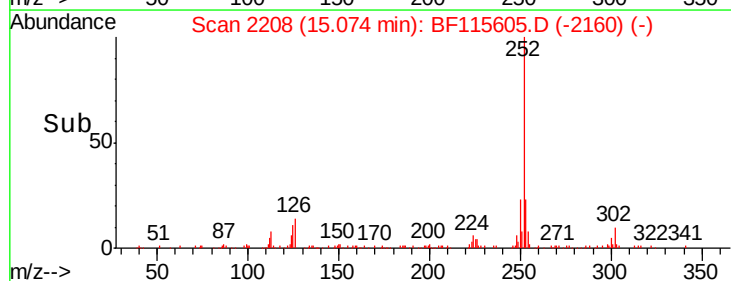
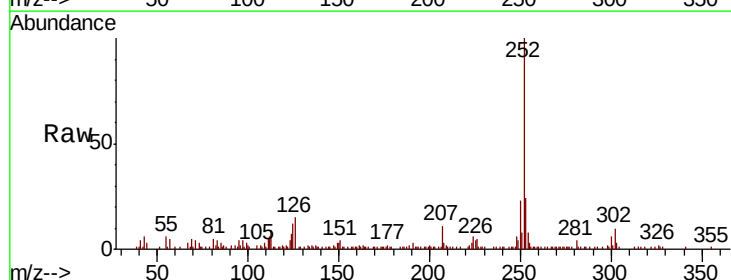
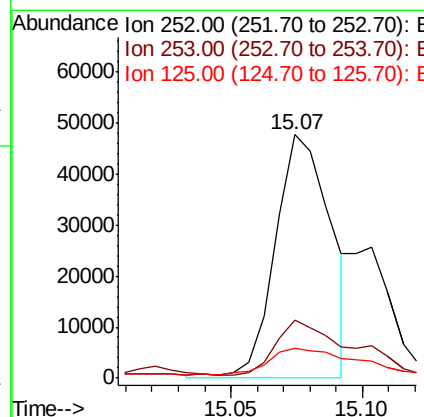
Manual Integrations
APPROVED

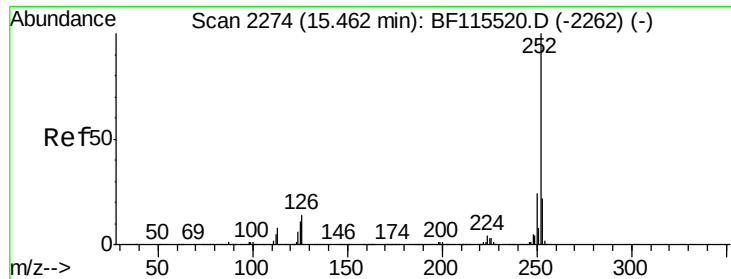
mohammad
7/17/2019 12:06:33 PM



#88
Benzo(b)fluoranthene
Concen: 2.552 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.1	9.0	13.4





#90
 Benzo(a)pyrene
 Concen: 2.012 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF115605.D
 Acq: 16 Jul 2019 18:51

Instrument :
 BNA_F
 ClientSampleId :
 RT-3456

Tot Ion:	252	Resp:	47872
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	12.1	9.1	13.7

Manual Integrations
 APPROVED

mohammad
 7/17/2019 12:06:33 PM

