

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
 Data File : BF116856.D
 Acq On : 6 Sep 2019 12:40
 Operator : HP/JU
 Sample : K4650-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
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mohammad
 9/12/2019 9:11:28 AM

Quant Time: Sep 07 04:08:14 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	79697	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	321619	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	166797	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	279535	20.00	ng	0.00
76) Chrysene-d12	14.00	240	202142	20.00	ng	0.00
87) Perylene-d12	15.49	264	189704	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	637713	129.63	ng	0.00
7) Phenol-d6	6.49	99	861862	133.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	540507	95.94	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	181963	163.18	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	867015	87.69	ng	0.00
79) Terphenyl-d14	12.95	244	840963	76.96	ng	0.00
Target Compounds						
10) Phenol	6.49	94	24733	3.458	ng	87
50) Dimethylphthalate	9.59	163	157894	13.711	ng	97
75) Fluoranthene	12.57	202	67469	4.412	ng	97
78) Pyrene	12.80	202	59025	3.285	ng	98
81) Benzo(a)anthracene	14.00	228	28221m	2.206	ng	
83) Chrysene	14.03	228	30107	2.284	ng	99
88) Benzo(b)fluoranthene	15.06	252	37039m	3.229	ng	
90) Benzo(a)pyrene	15.43	252	23758	2.381	ng	96

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

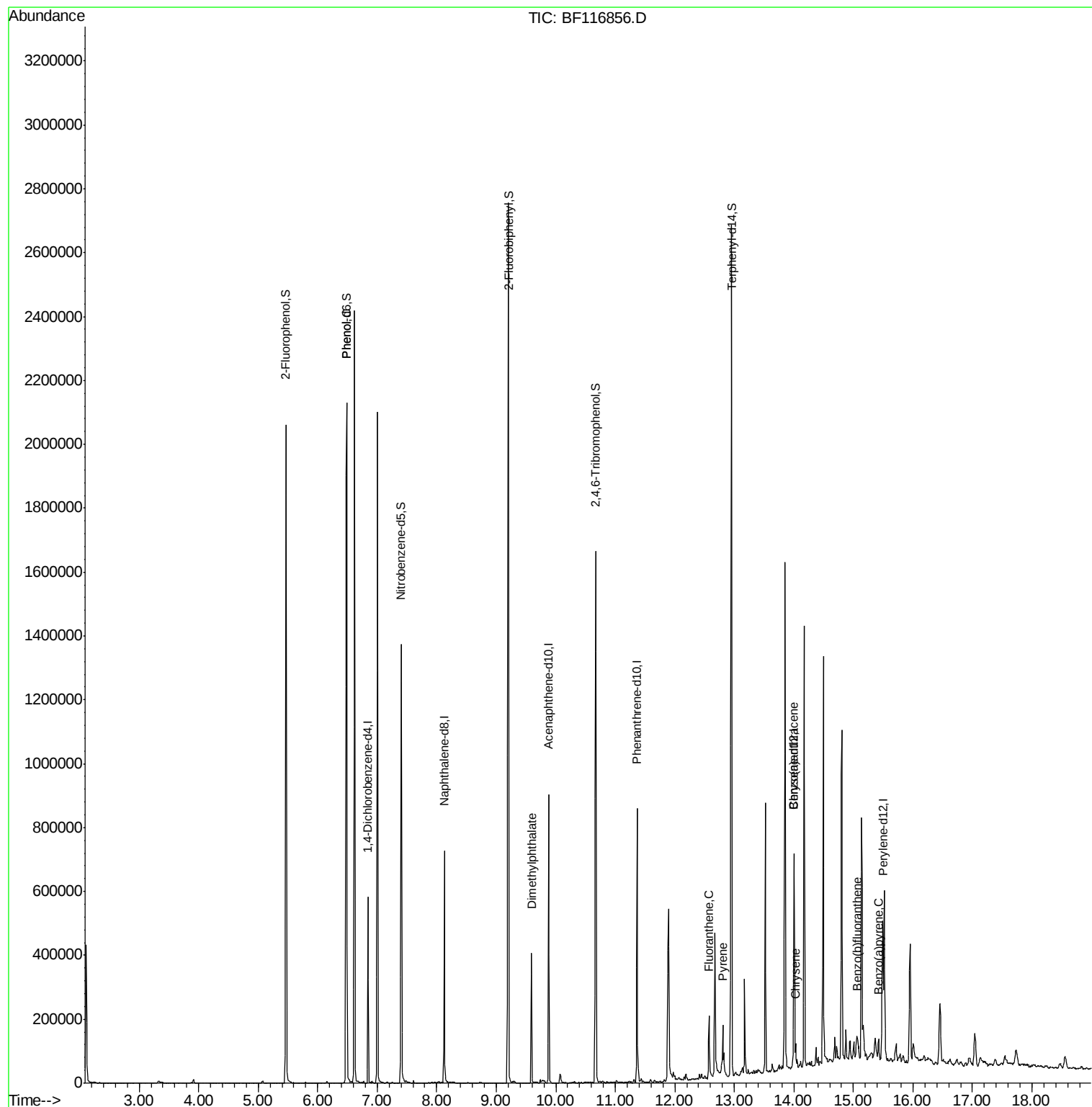
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116856.D
Acq On : 6 Sep 2019 12:40
Operator : HP/JU
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#1

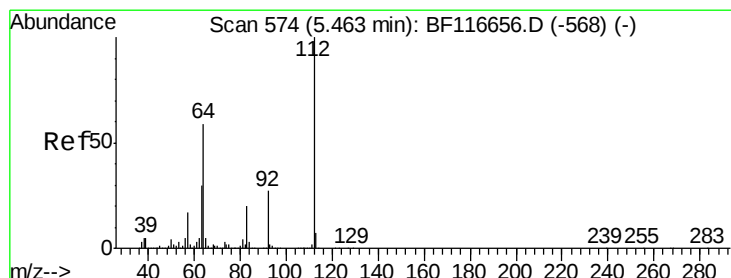
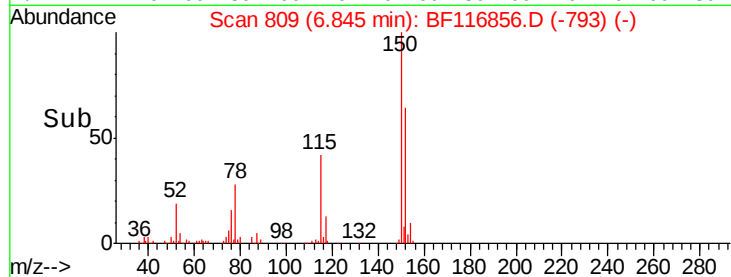
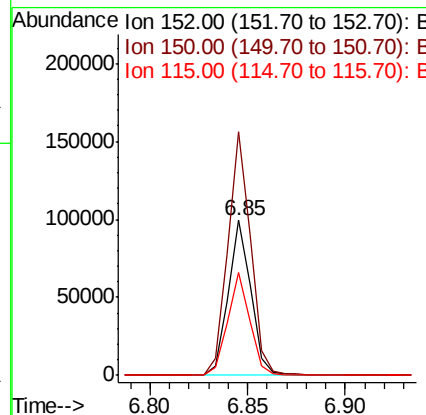
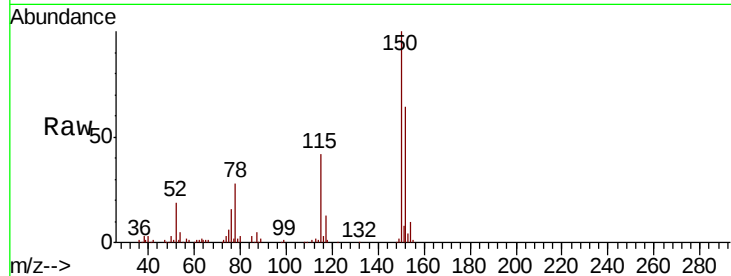
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.4	186.6
115	66.1	49.9	74.9

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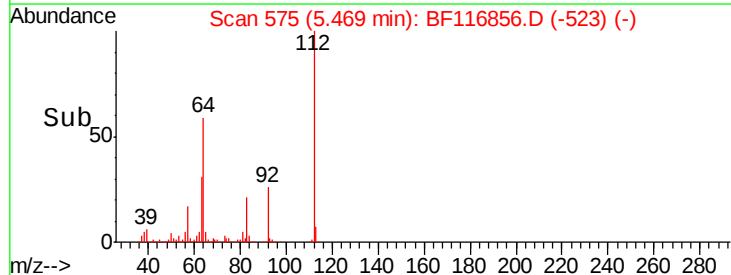
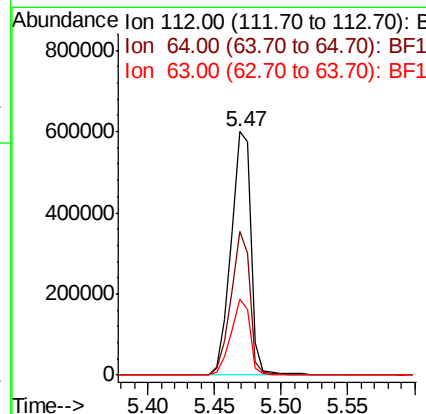
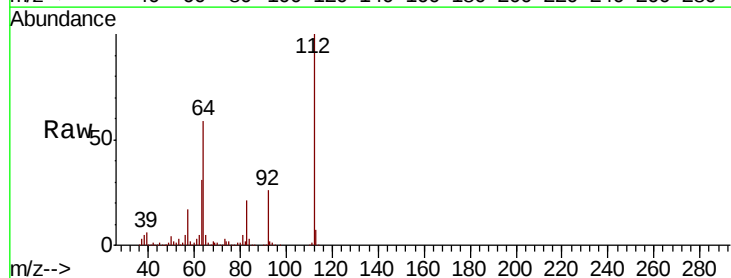
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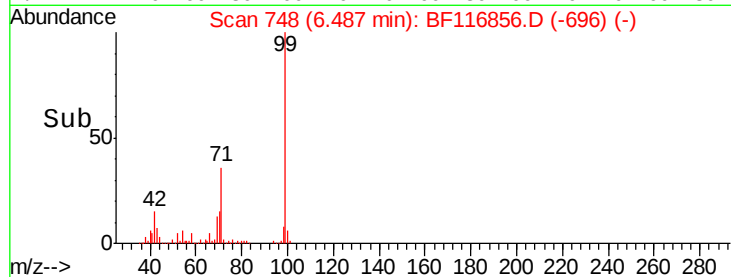
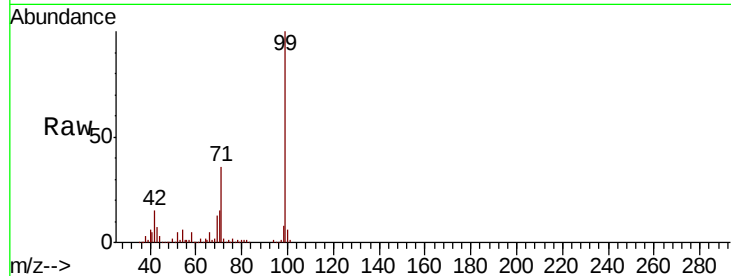


#5

2-Fluorophenol
Concen: 129.632 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	31.4	24.9	37.3





#7

Phenol-d6

Concen: 133.421 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116856.D

Acq: 6 Sep 2019 12:40

Tot Ion:	99	Resp:	861862
Ion Ratio	Lower	Upper	
99	100		
42	14.7	13.7	20.5
71	36.1	30.8	46.2

Instrument :

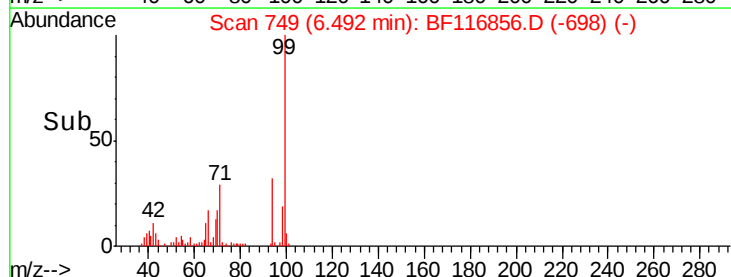
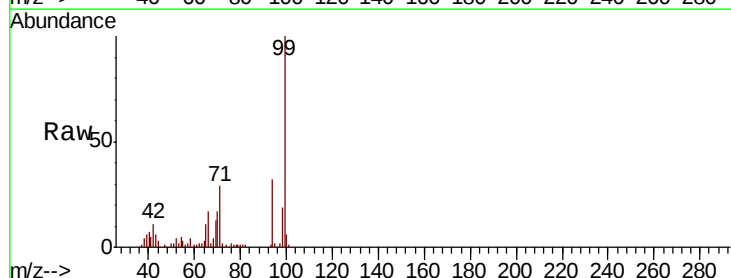
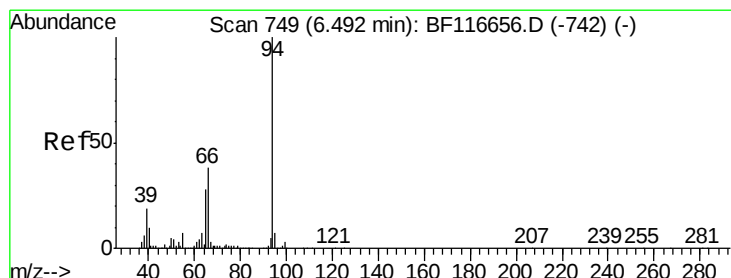
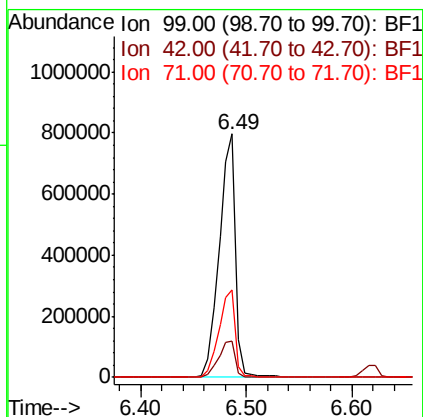
BNA_F

ClientSampleId :

TP-3

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#10

Phenol

Concen: 3.458 ng

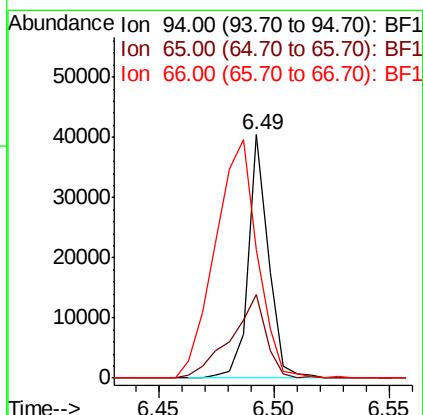
RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116856.D

Acq: 6 Sep 2019 12:40

Tgt Ion:	94	Resp:	24733
Ion Ratio	Lower	Upper	
94	100		
65	34.3	10.8	50.8
66	52.7	21.1	61.1





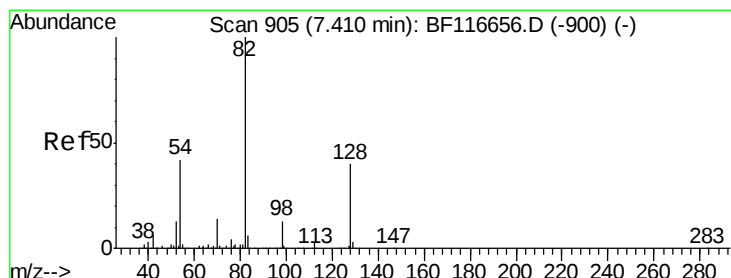
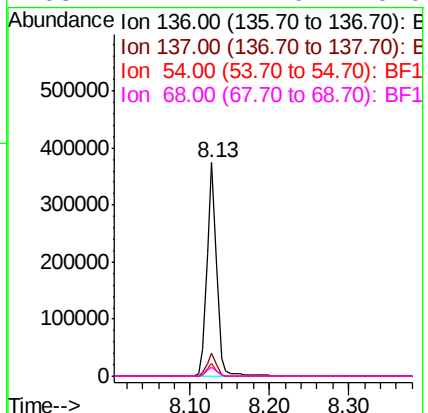
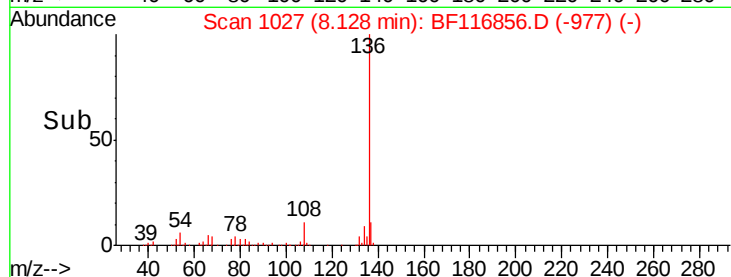
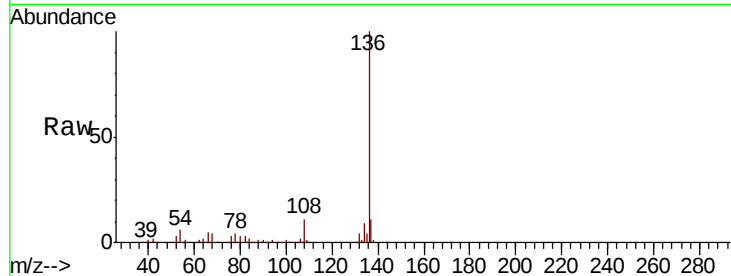
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		321619		
137	11.1		8.9	13.3	
54	5.8		4.8	7.2	
68	4.4		4.0	6.0	

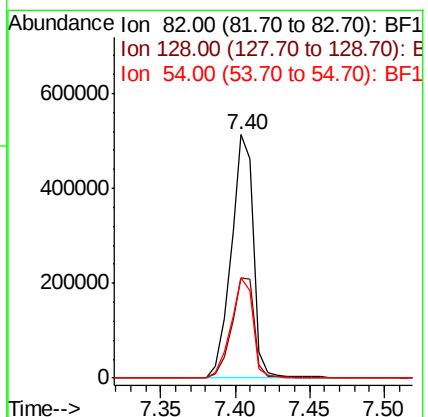
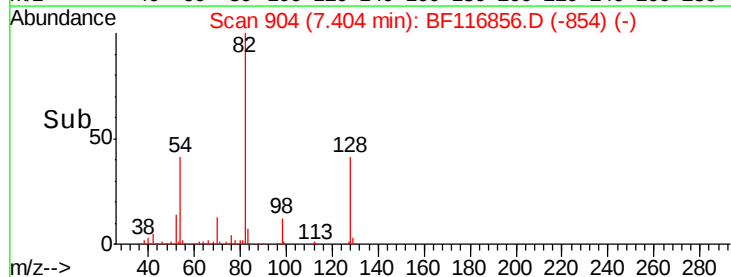
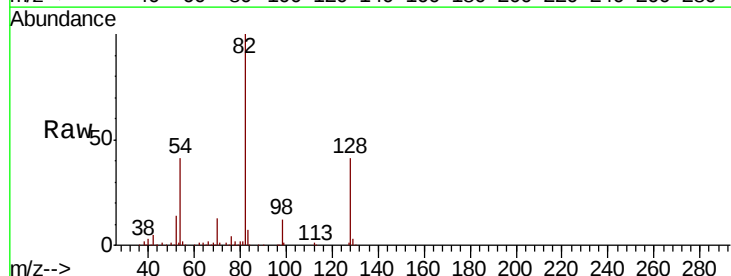
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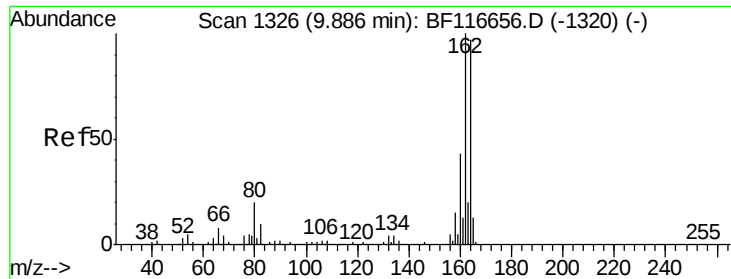
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#23
Nitrobenzene-d5
Concen: 95.940 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		540507		
128	41.3		32.8	49.2	
54	41.0		36.9	55.3	





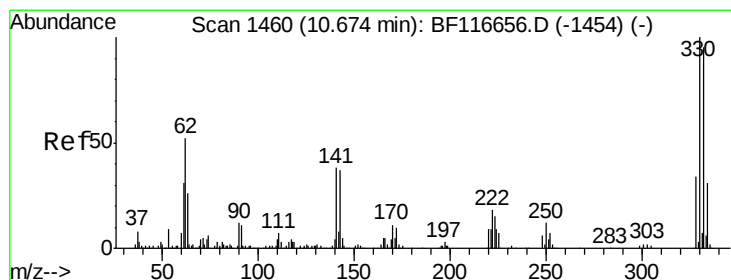
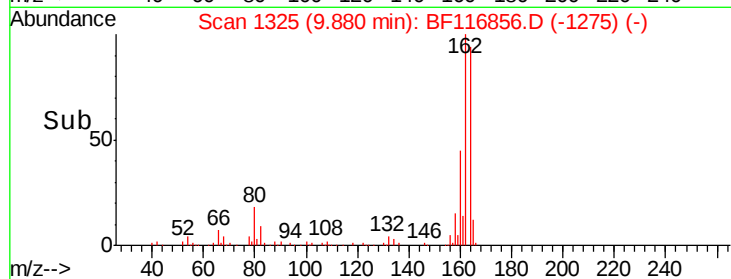
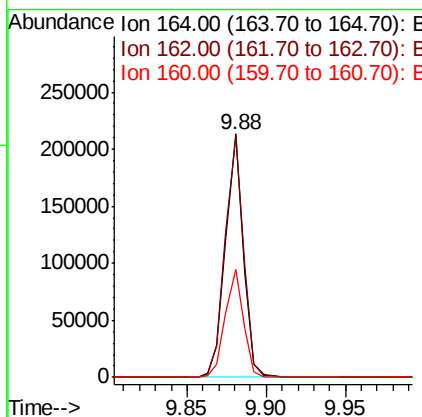
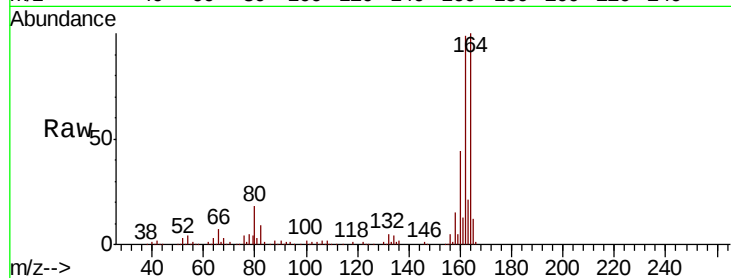
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
164	100	166797		
162	98.9	81.4	122.0	
160	44.4	35.4	53.2	

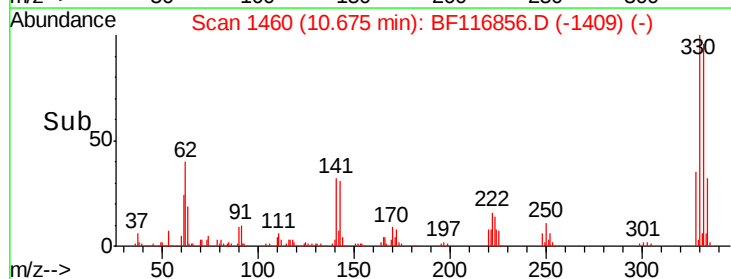
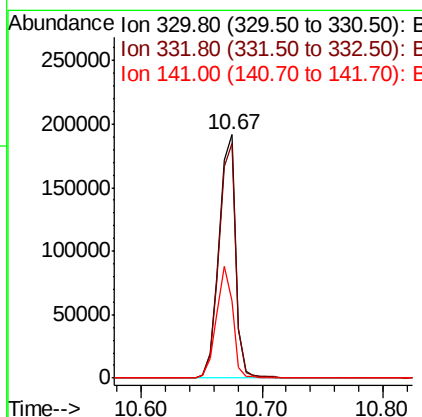
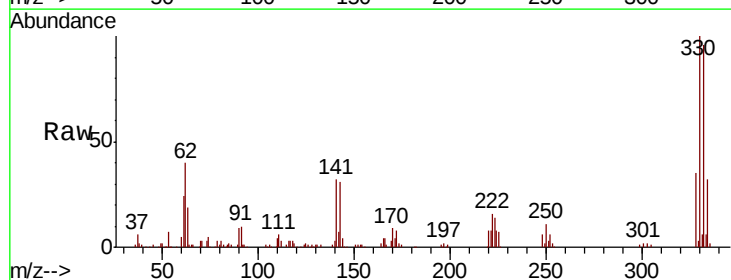
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#42
2,4,6-Tribromophenol
Concen: 163.185 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	181963		
332	96.5	76.9	115.3	
141	44.5	31.4	47.2	





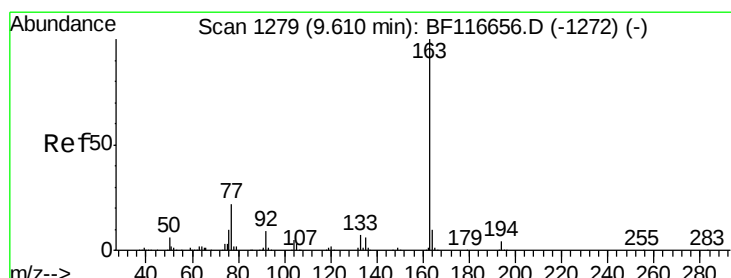
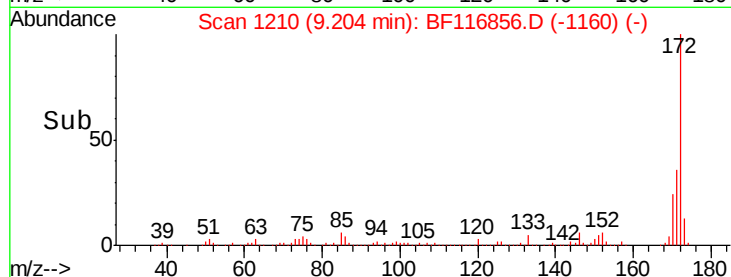
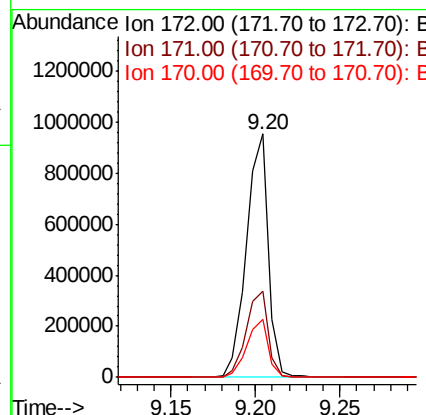
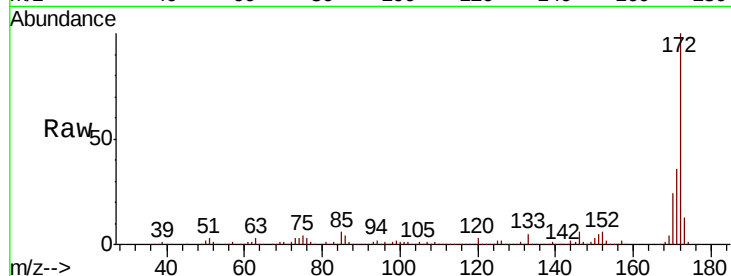
#45
2-Fluorobiphenyl
Concen: 87.685 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
172	100	867015		
171	35.7		27.8	41.6
170	23.8		18.9	28.3

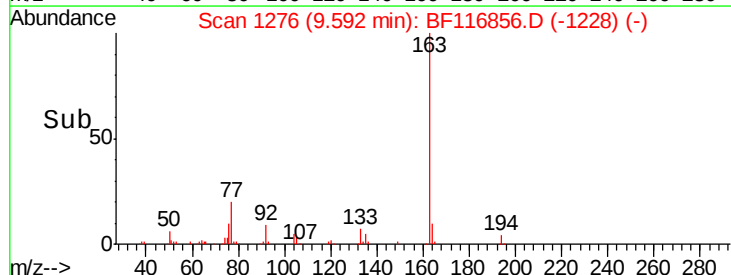
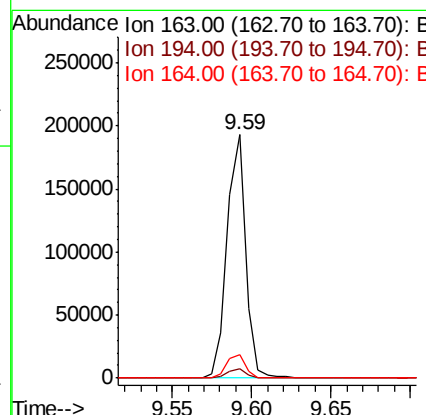
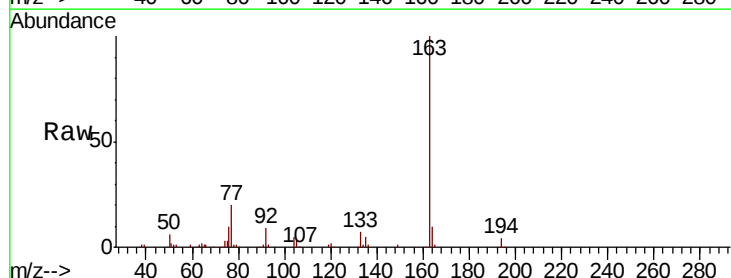
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#50
Dimethylphthalate
Concen: 13.711 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	157894		
194	4.0		2.8	4.2
164	9.6		8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116856.D

Acq: 6 Sep 2019 12:40

Instrument :

BNA_F

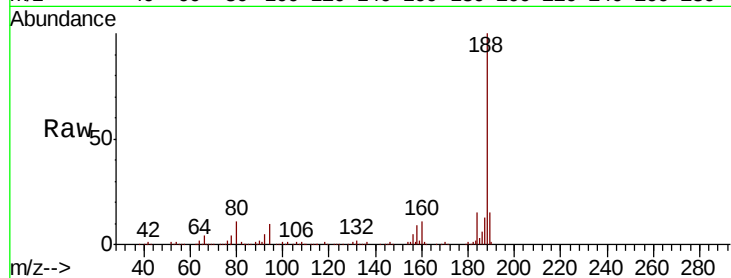
ClientSampleId :

TP-3

Tot Ion:	188	Resp:	279535
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.3	10.9
80	11.5	8.4	12.6

Manual Integrations
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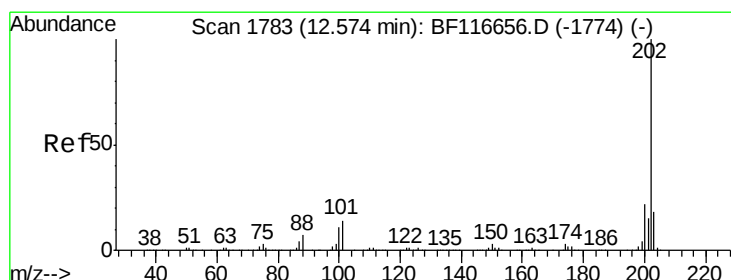
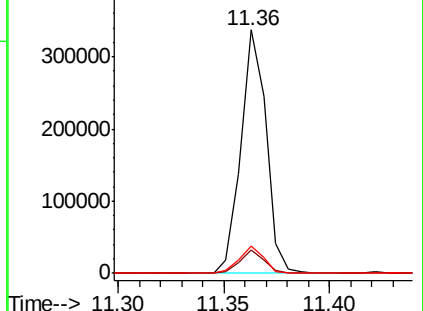
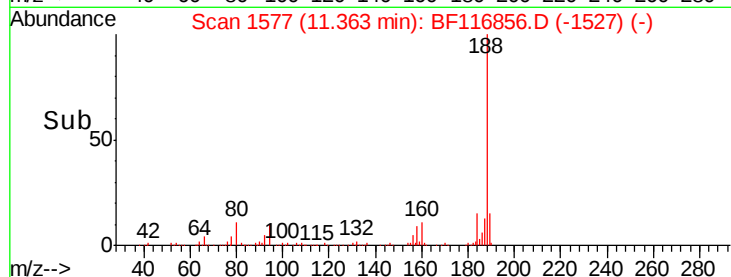
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 4.412 ng

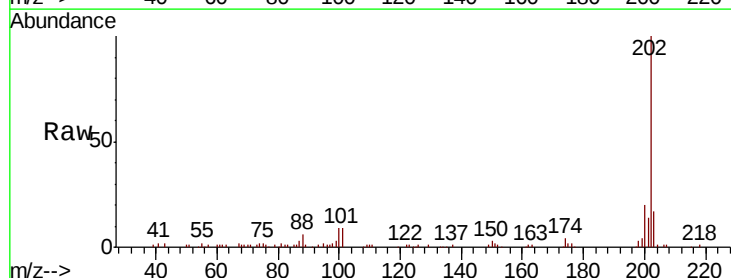
RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116856.D

Acq: 6 Sep 2019 12:40

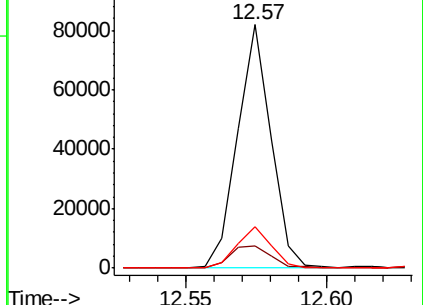
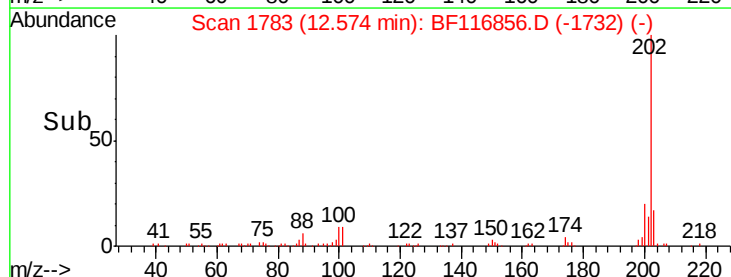
Tgt Ion:	202	Resp:	67469
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	31.3
203	16.8	0.0	37.6

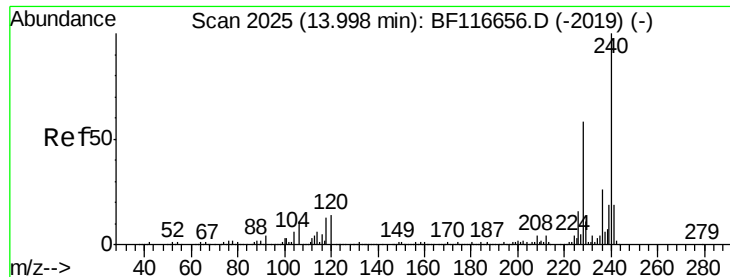


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





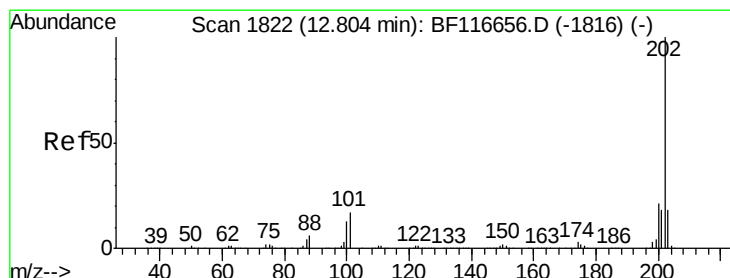
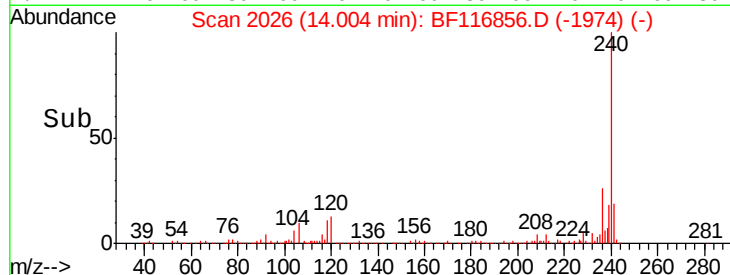
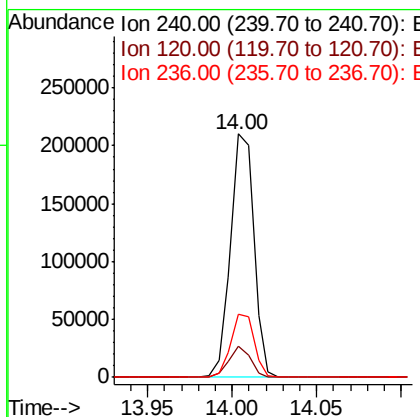
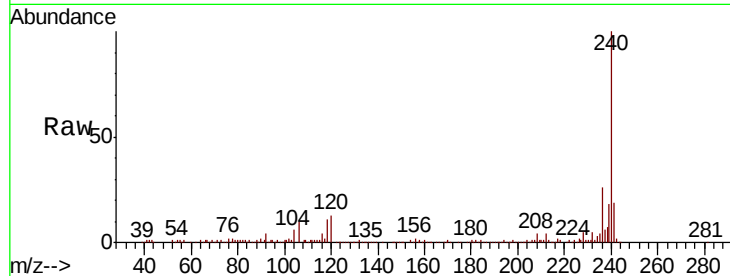
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.1	13.7
236	25.9	21.1	31.7

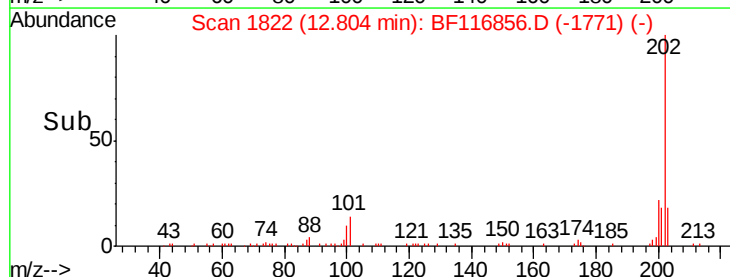
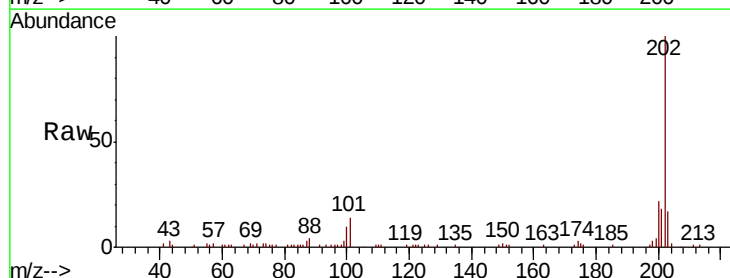
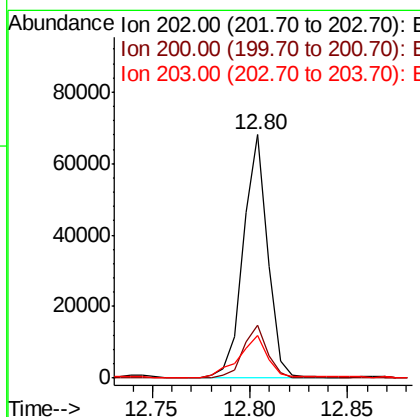
Manual Integrations
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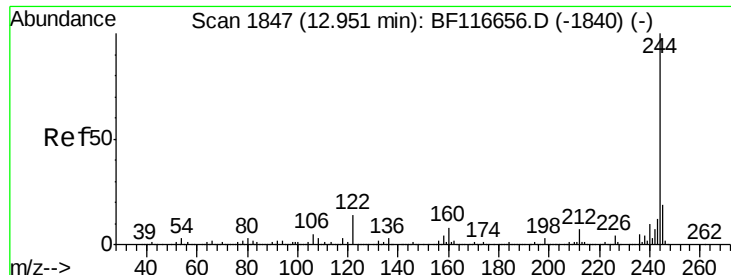
mohammad
9/12/2019 9:11:28 AM



#78
Pyrene
Concen: 3.285 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.5	24.7
203	17.4	13.7	20.5





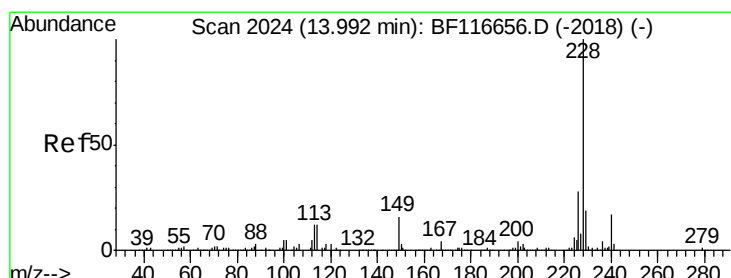
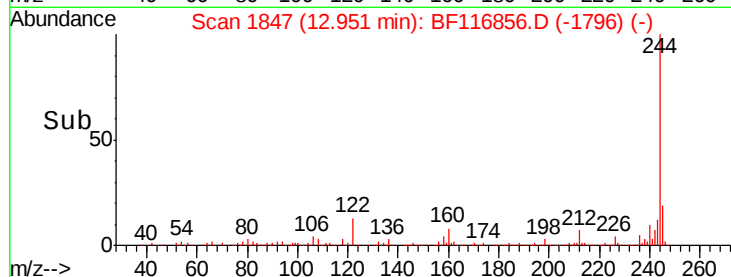
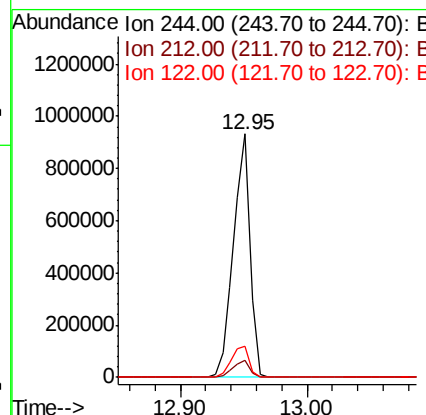
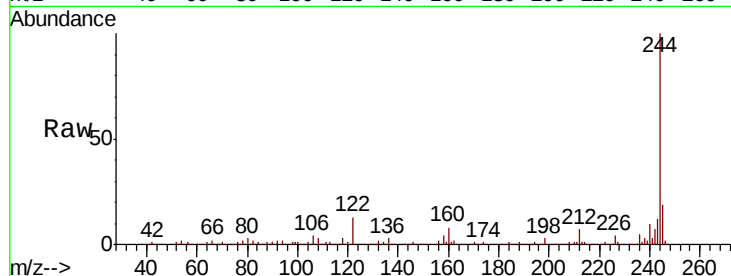
#79
 Terphenyl-d14
 Concen: 76.962 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF116856.D
 Acq: 6 Sep 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	13.0	10.2	15.4

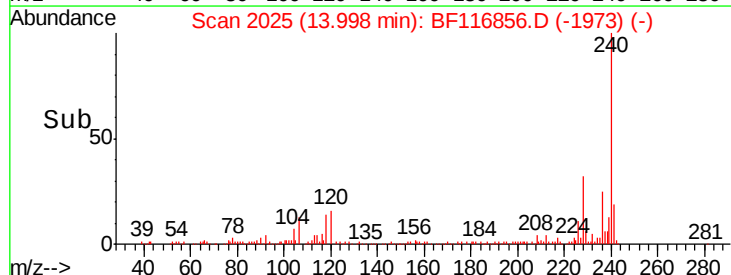
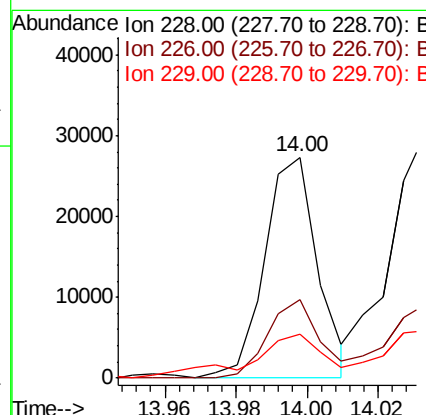
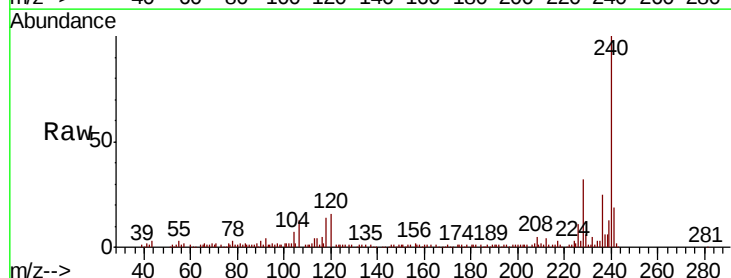
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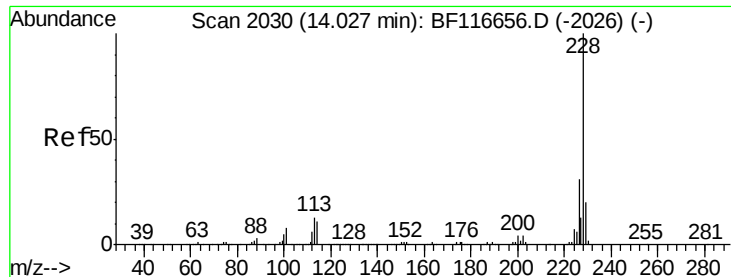
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.206 ng m
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF116856.D
 Acq: 6 Sep 2019 12:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.8	22.0	33.0#
229	20.0	16.4	24.6





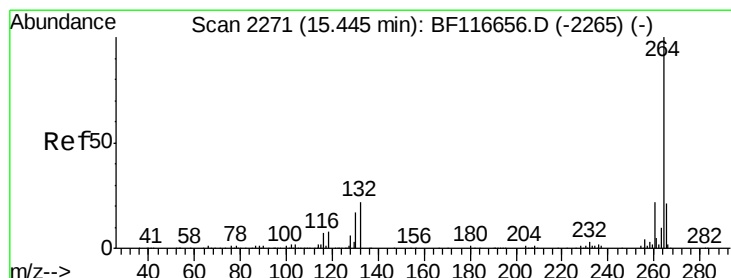
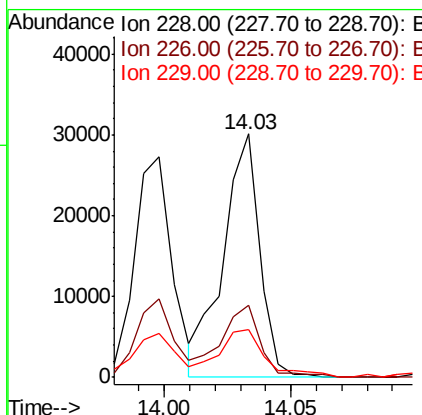
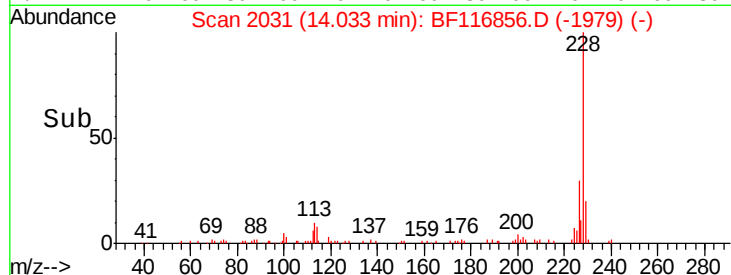
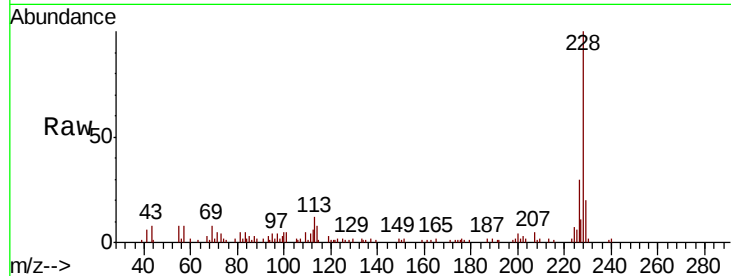
#83
 Chrysene
 Concen: 2.284 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF116856.D
 Acq: 6 Sep 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:	228	Resp:	30107
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.0	36.0
229	19.7	15.4	23.0

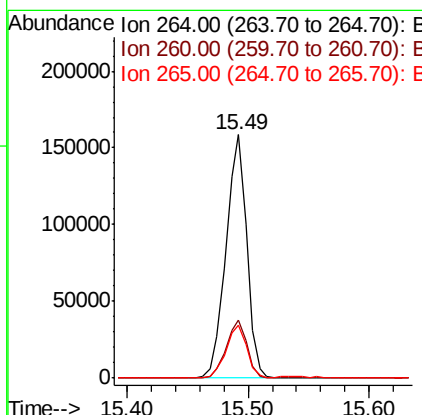
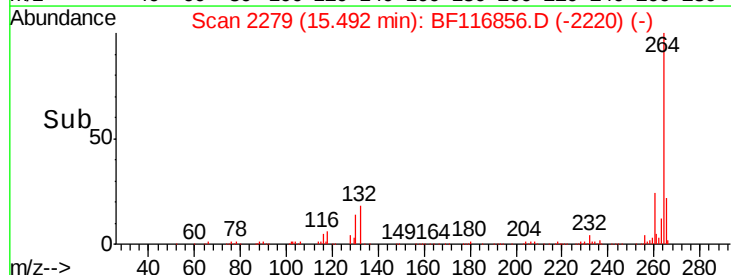
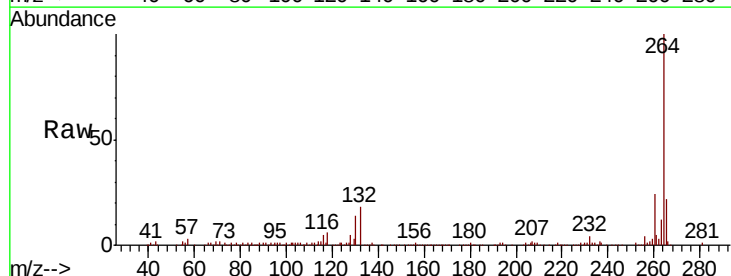
Manual Integrations
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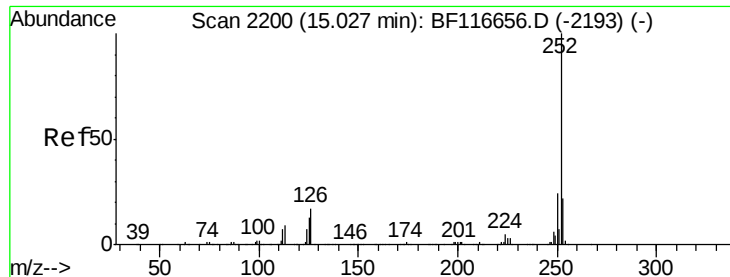
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.05 min
 Lab File: BF116856.D
 Acq: 6 Sep 2019 12:40

Tgt Ion:	264	Resp:	189704
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.3	27.5
265	21.5	16.5	24.7





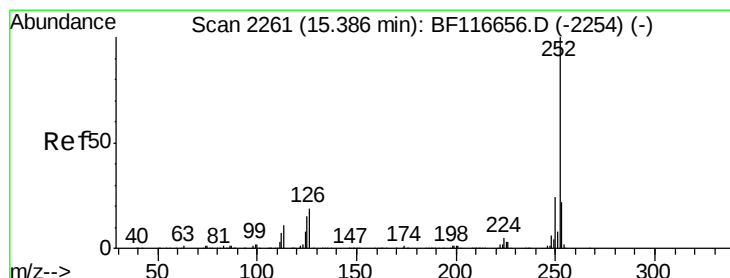
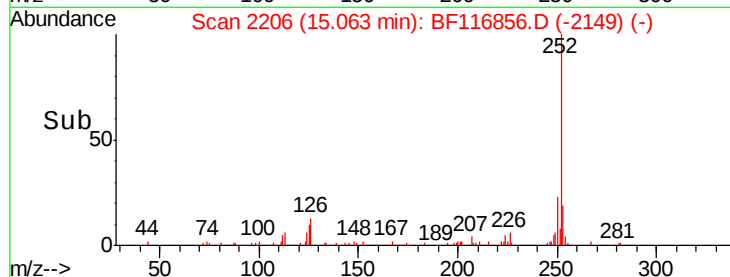
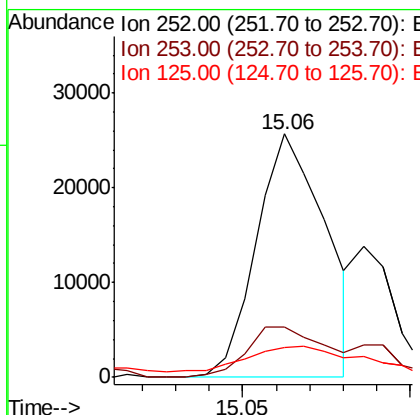
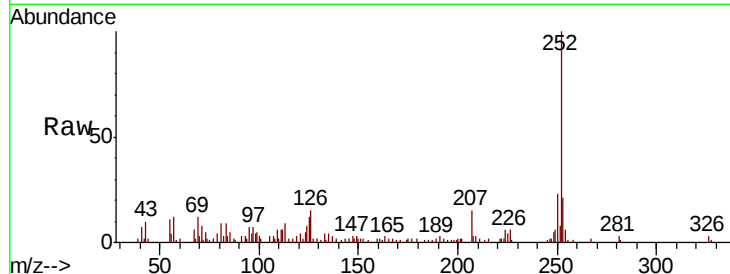
#88
Benzo(b)fluoranthene
Concen: 3.229 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.04 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.7	26.5
125	12.4	8.2	12.2#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.381 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.04 min
Lab File: BF116856.D
Acq: 6 Sep 2019 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.9	18.1	27.1
125	13.1	9.8	14.8

