

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
 Data File : BF116855.D
 Acq On : 6 Sep 2019 10:58
 Operator : HP/JU
 Sample : K4650-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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mohammad
 9/12/2019 9:11:25 AM

Quant Time: Sep 07 04:04:54 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	78818	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	312341	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	159987	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	265309	20.00	ng	0.00
76) Chrysene-d12	14.00	240	178136	20.00	ng	0.00
87) Perylene-d12	15.46	264	165920	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	609684	125.32	ng	0.01
7) Phenol-d6	6.49	99	835501	130.78	ng	0.00
23) Nitrobenzene-d5	7.41	82	536150	97.99	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	155533	145.42	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	778716	82.11	ng	0.00
79) Terphenyl-d14	12.94	244	718565	74.62	ng	0.00
Target Compounds						
10) Phenol	6.49	94	22447	3.173	ng	82
50) Dimethylphthalate	9.59	163	118155	10.697	ng	97
75) Fluoranthene	12.57	202	60463	4.166	ng	98
78) Pyrene	12.80	202	54571	3.446	ng	99
81) Benzo(a)anthracene	13.99	228	23332m	2.070	ng	
88) Benzo(b)fluoranthene	15.03	252	26174m	2.609	ng	
90) Benzo(a)pyrene	15.40	252	18865	2.162	ng	# 92

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

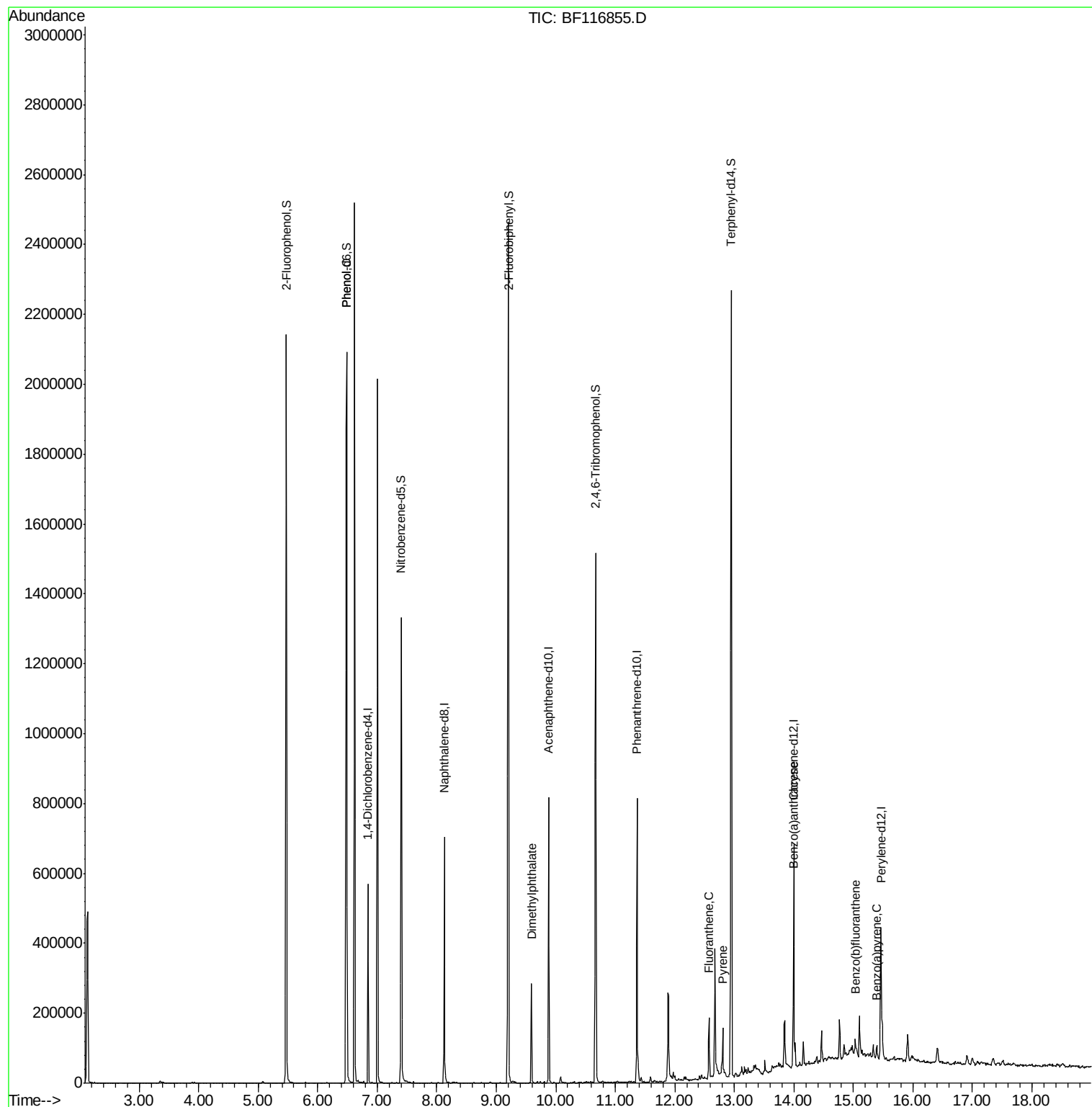
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116855.D
Acq On : 6 Sep 2019 10:58
Operator : HP/JU
Sample : K4650-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

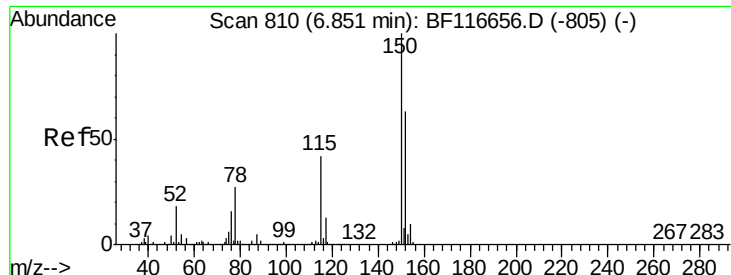
Instrument :
BNA_F
ClientSampleId :
TP-2

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9/12/2019 9:11:25 AM

Quant Time: Sep 07 04:04:54 2019
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

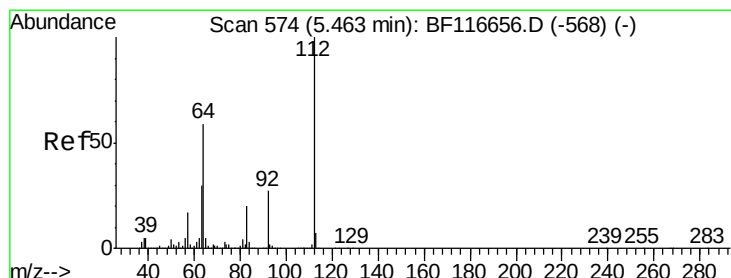
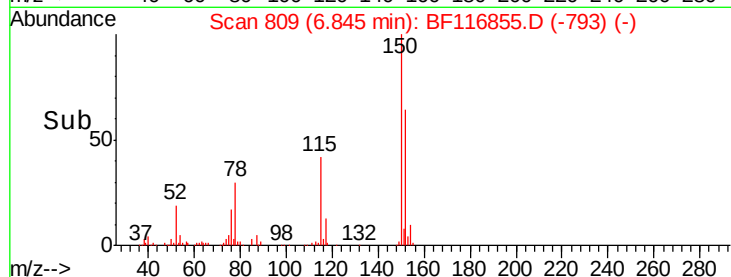
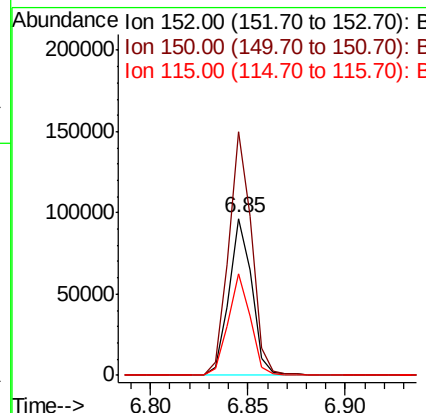
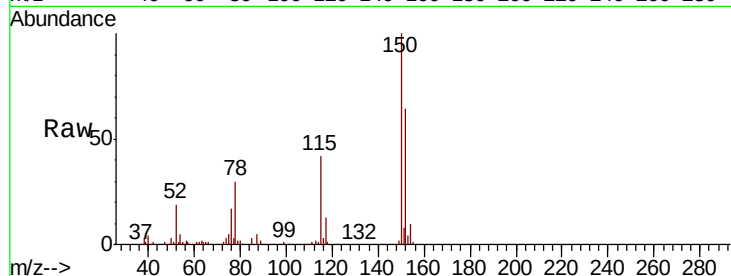
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.4	186.6
115	65.1	49.9	74.9

Manual Integrations
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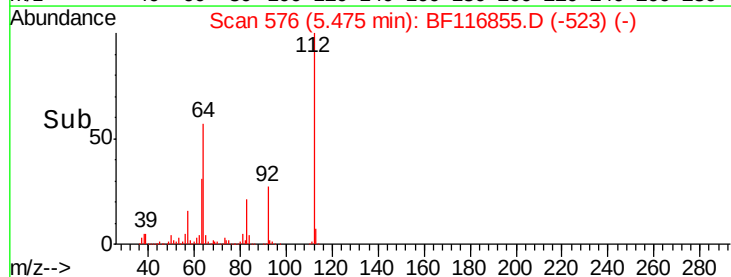
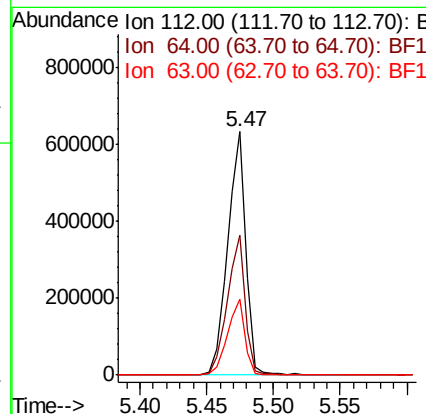
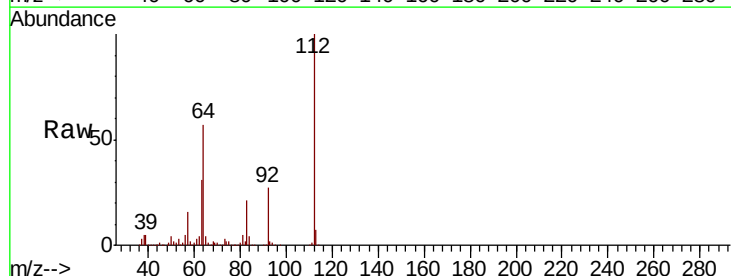
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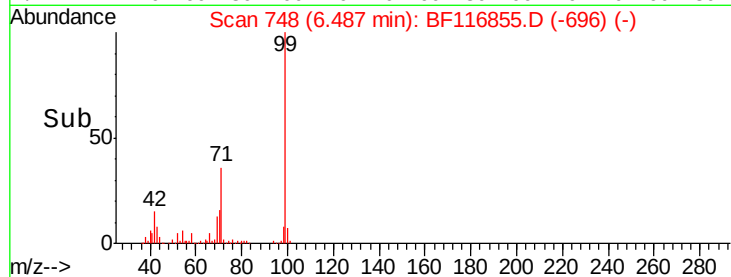
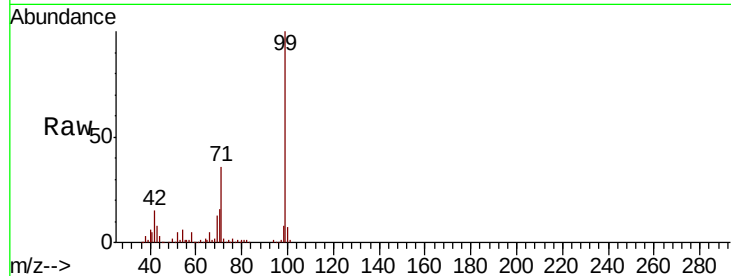
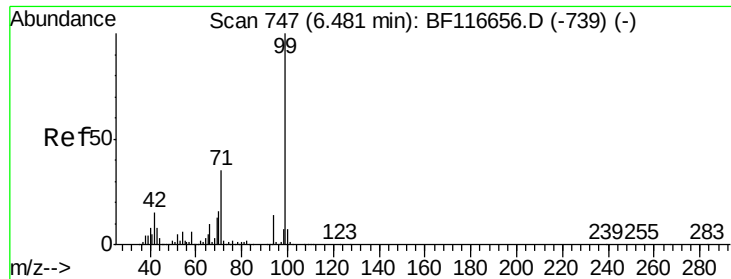


#5

2-Fluorophenol
Concen: 125.317 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.1	70.7
63	31.0	24.9	37.3





#7

Phenol-d6

Concen: 130.783 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116855.D

Acq: 6 Sep 2019 10:58

Tot Ion:	99	Resp:	835501
Ion Ratio	Lower	Upper	
99	100		
42	14.7	13.7	20.5
71	36.0	30.8	46.2

Instrument :

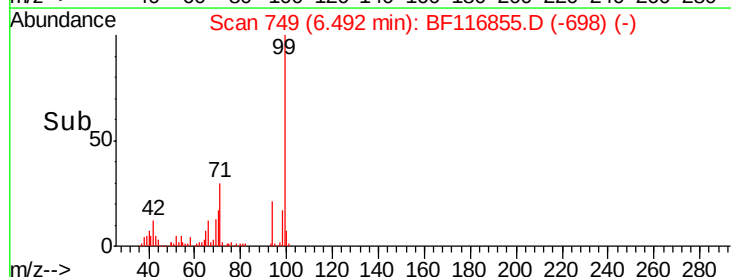
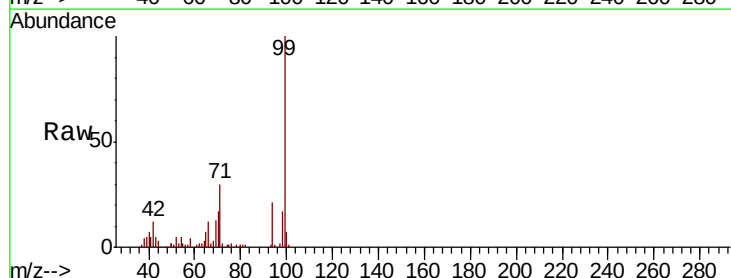
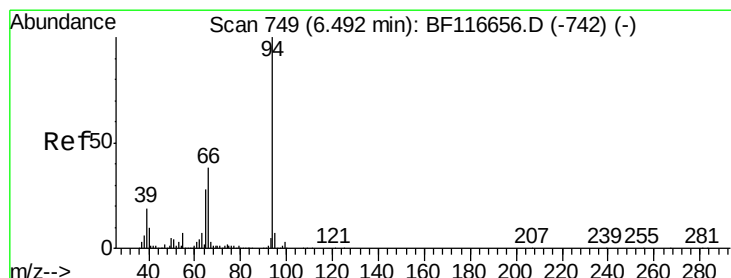
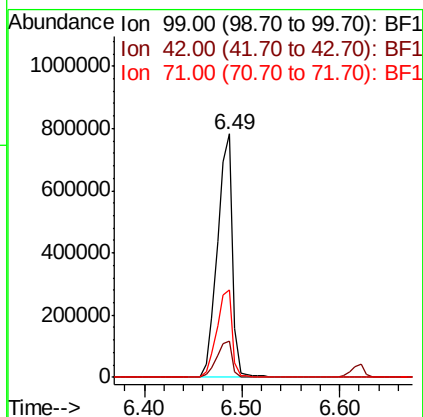
BNA_F

ClientSampled :

TP-2

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#10

Phenol

Concen: 3.173 ng

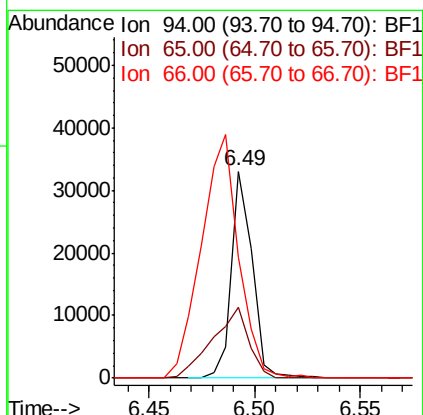
RT: 6.49 min Scan# 749

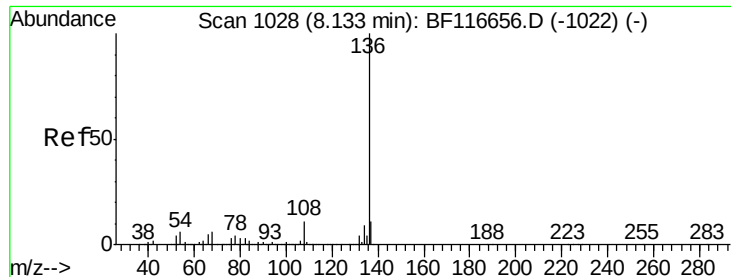
Delta R.T. 0.00 min

Lab File: BF116855.D

Acq: 6 Sep 2019 10:58

Tgt Ion:	94	Resp:	22447
Ion Ratio	Lower	Upper	
94	100		
65	34.2	10.8	50.8
66	58.5	21.1	61.1





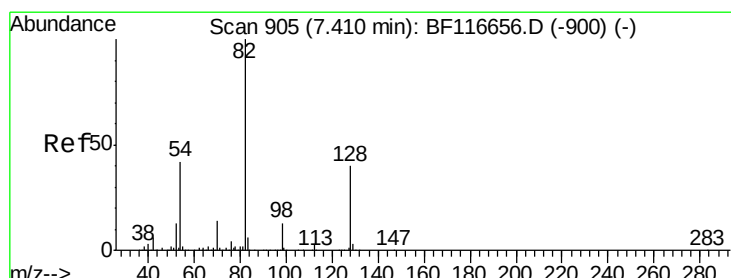
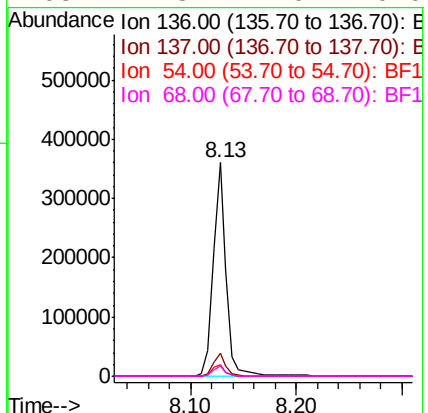
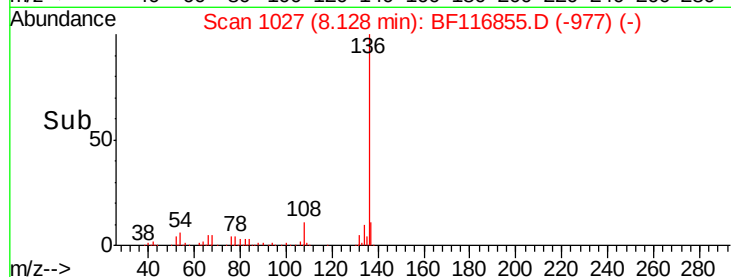
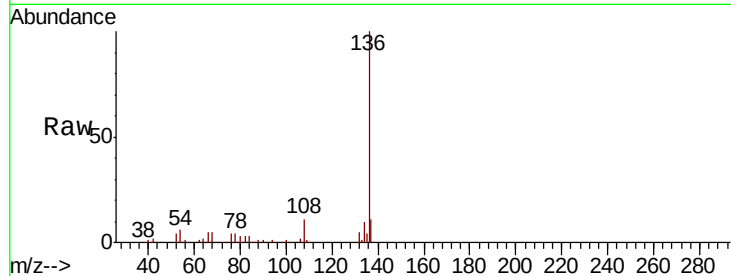
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	312341		
137	10.7	8.9	13.3	
54	5.6	4.8	7.2	
68	4.8	4.0	6.0	

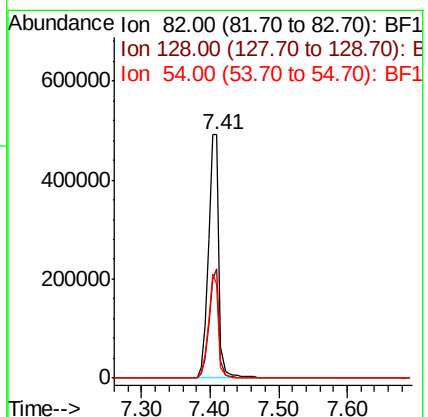
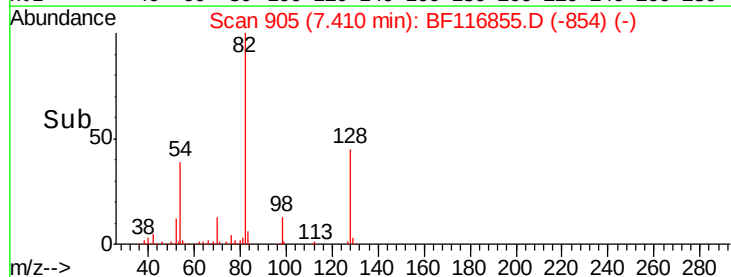
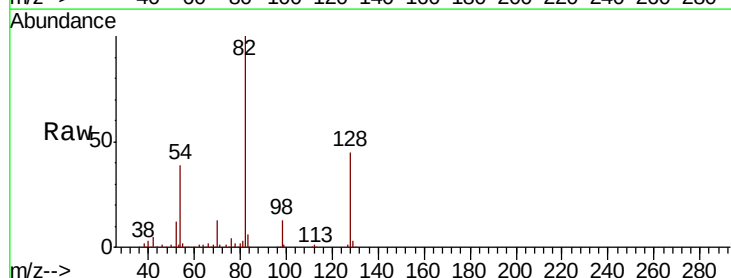
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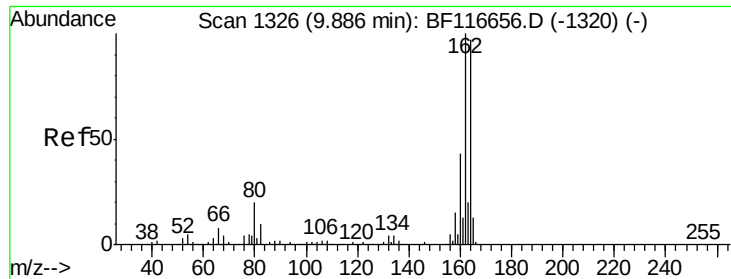
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#23
Nitrobenzene-d5
Concen: 97.993 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	536150		
128	44.7	32.8	49.2	
54	38.6	36.9	55.3	





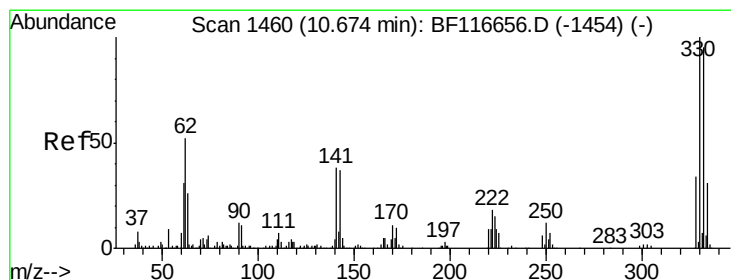
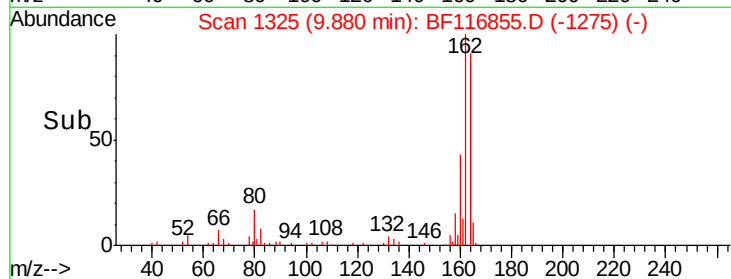
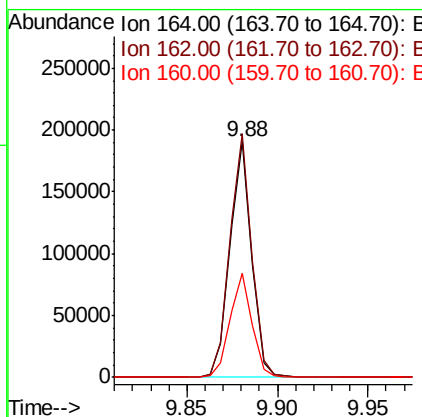
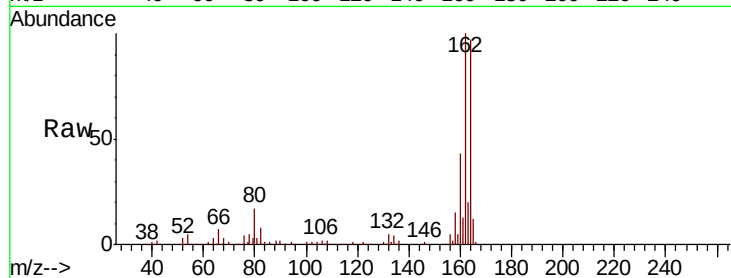
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion:	164	Resp:	159987
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.4	122.0
160	44.3	35.4	53.2

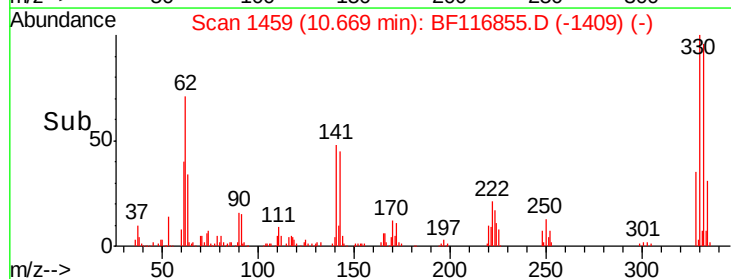
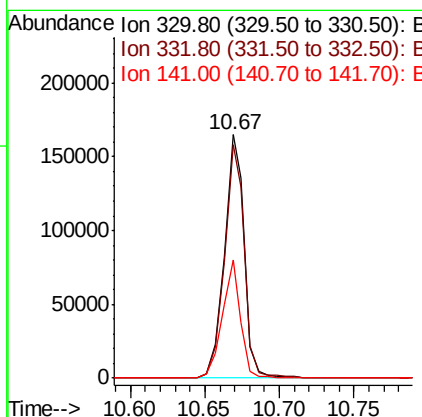
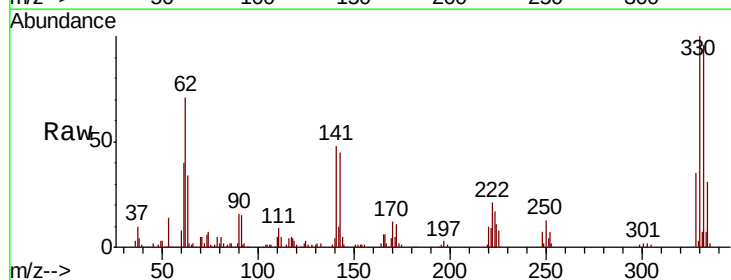
Manual Integrations
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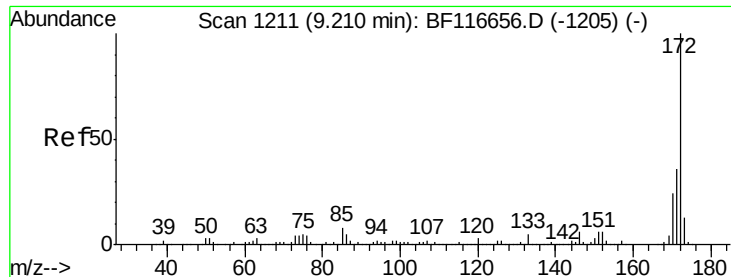
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#42
2,4,6-Tribromophenol
Concen: 145.419 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Tgt Ion:	330	Resp:	155533
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.9	115.3
141	44.7	31.4	47.2





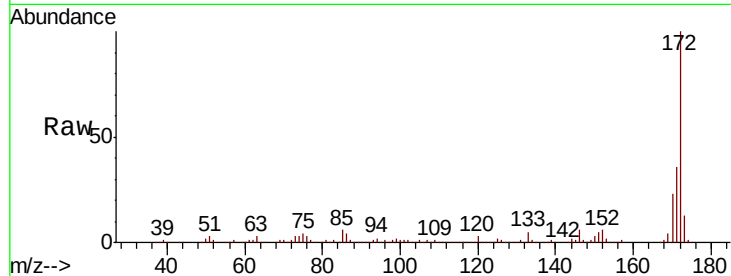
#45
2-Fluorobiphenyl
Concen: 82.107 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Instrument :
BNA_F
ClientSampleId :
TP-2

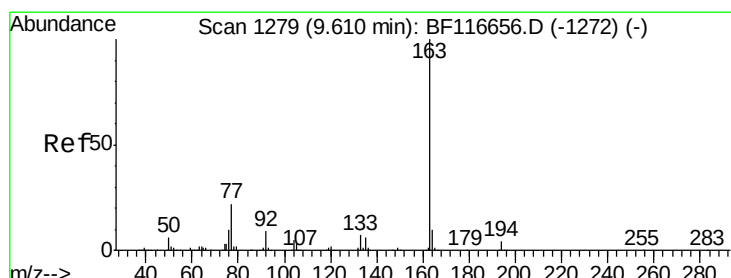
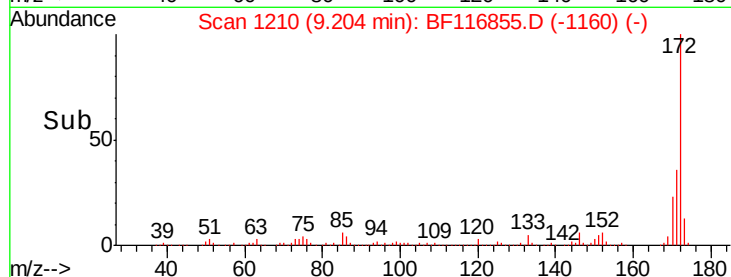
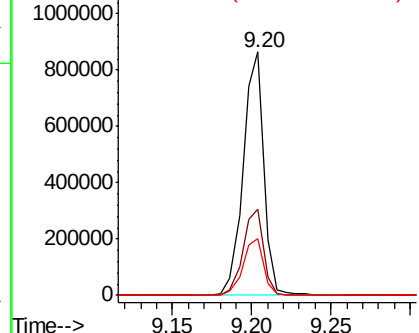
Tot Ion:	172	Resp:	778716
Ion Ratio	Lower	Upper	
172	100		
171	35.5	27.8	41.6
170	23.2	18.9	28.3

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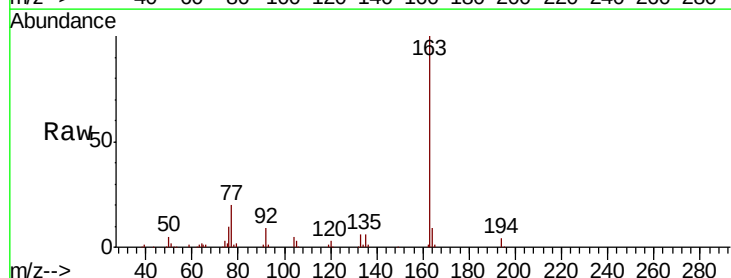


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

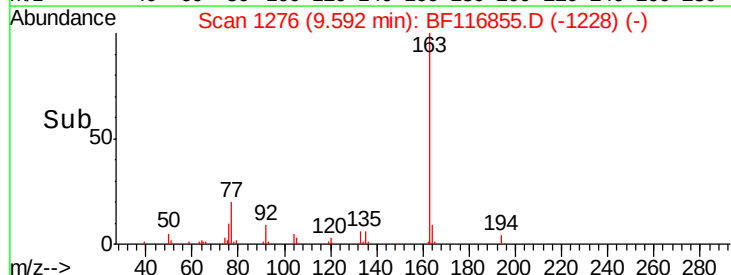
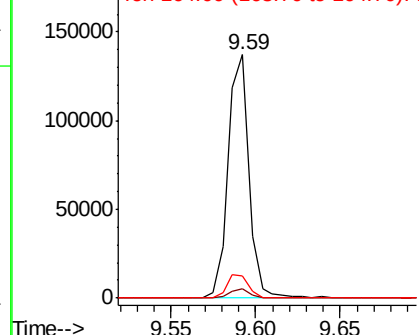


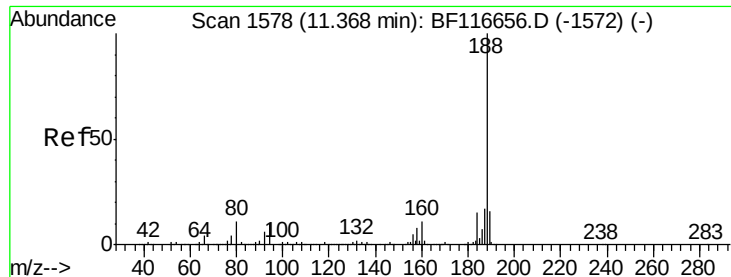
#50
Dimethylphthalate
Concen: 10.697 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Tgt Ion:	163	Resp:	118155
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.8	4.2
164	9.3	8.6	12.8



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116855.D

Acq: 6 Sep 2019 10:58

Instrument :

BNA_F

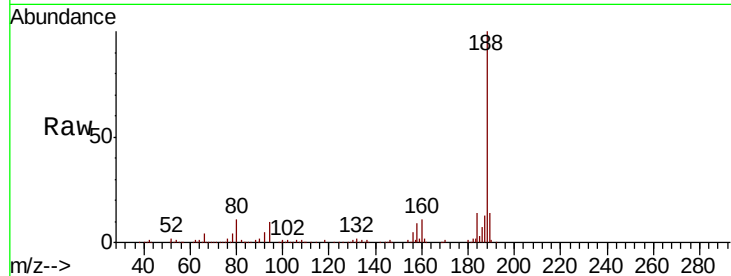
ClientSampleId :

TP-2

Tot Ion:	188	Resp:	265309
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.3	10.9
80	11.3	8.4	12.6

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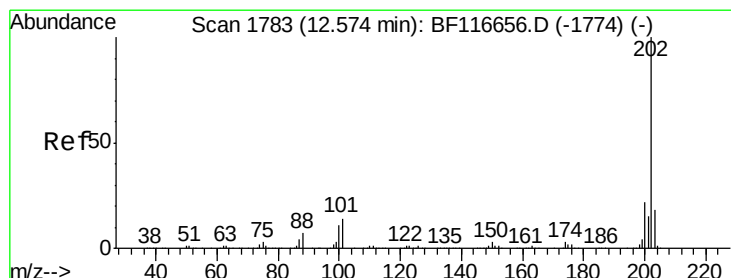
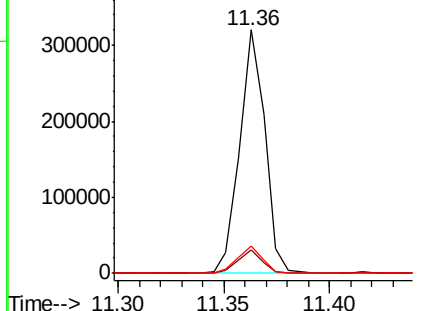
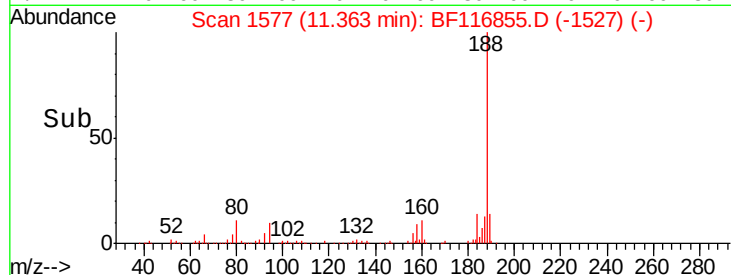
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 4.166 ng

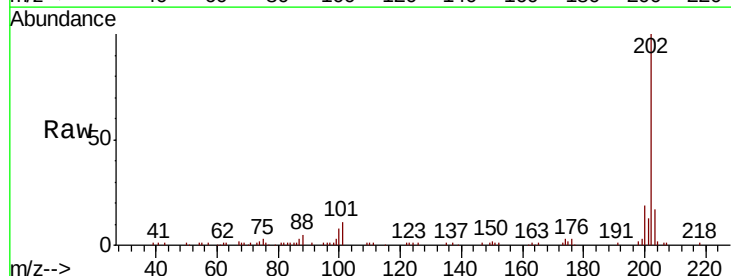
RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116855.D

Acq: 6 Sep 2019 10:58

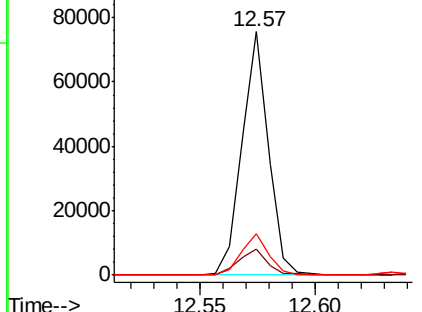
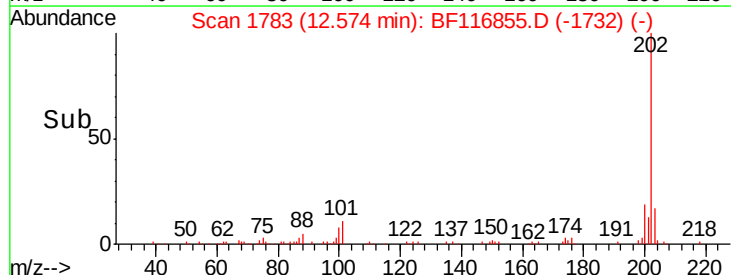
Tgt Ion:	202	Resp:	60463
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.3
203	17.1	0.0	37.6

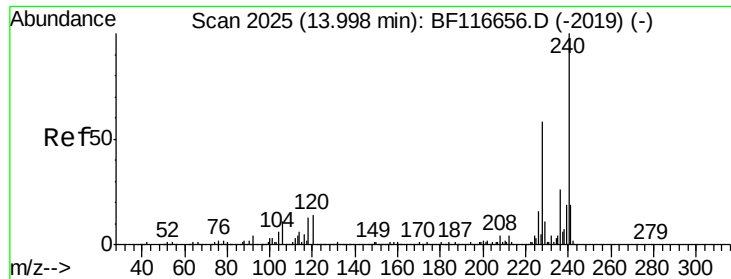


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





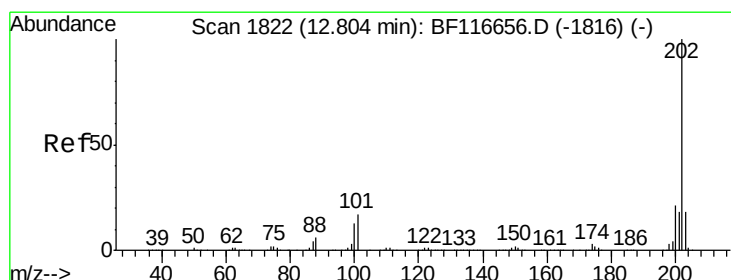
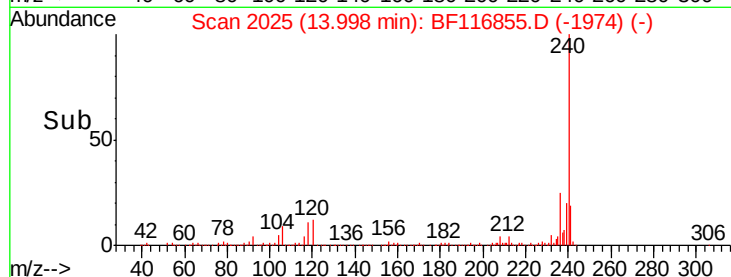
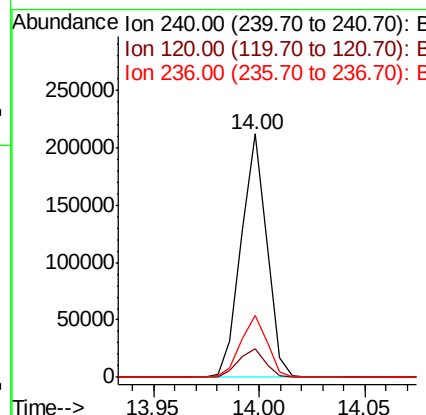
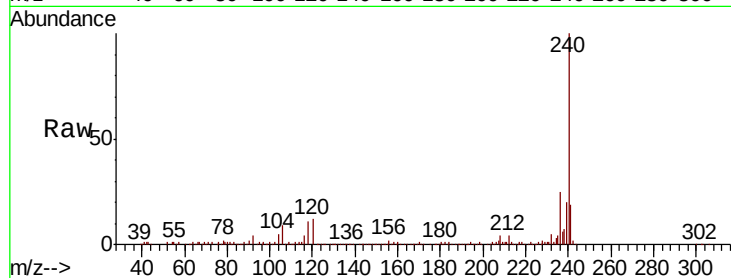
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.1	13.7
236	25.2	21.1	31.7

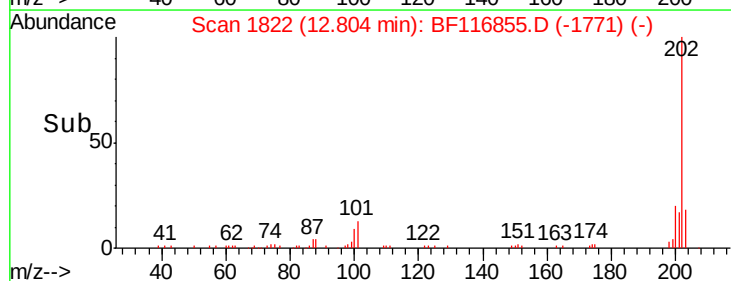
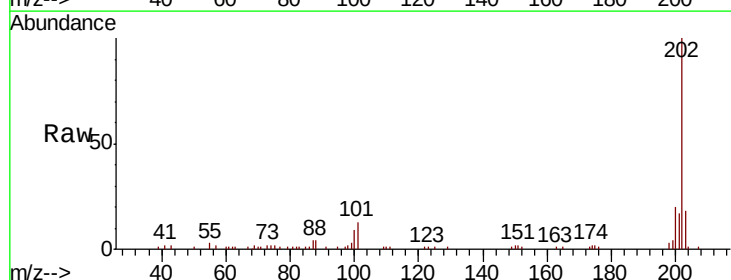
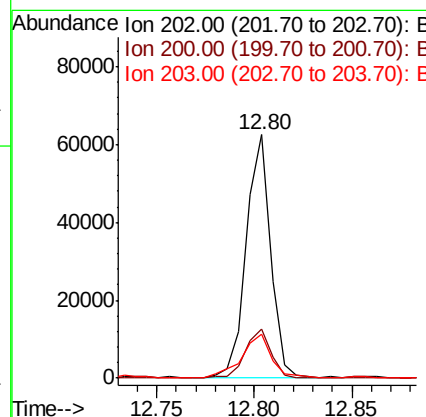
Manual Integrations
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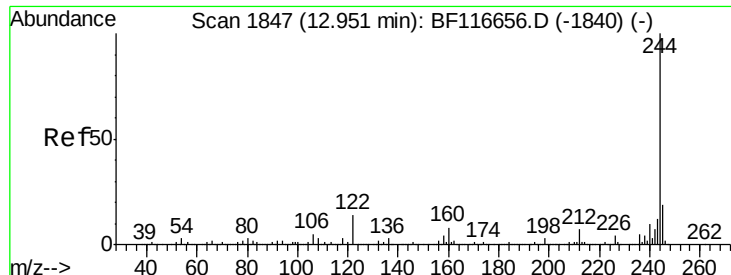
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#78
Pyrene
Concen: 3.446 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.5	24.7
203	18.1	13.7	20.5





#79

Terphenyl-d14

Concen: 74.623 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116855.D

Acq: 6 Sep 2019 10:58

Instrument :

BNA_F

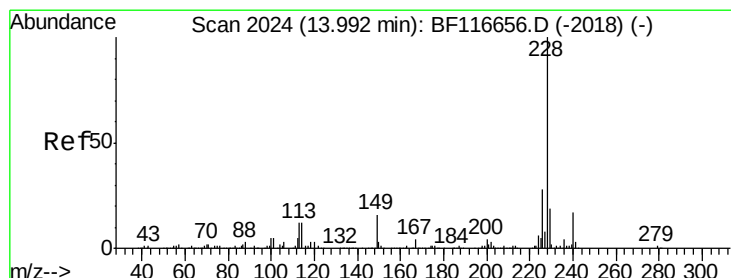
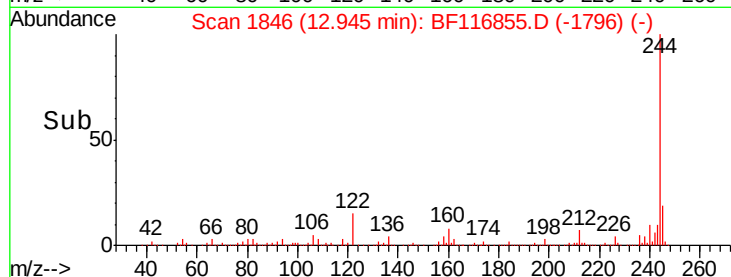
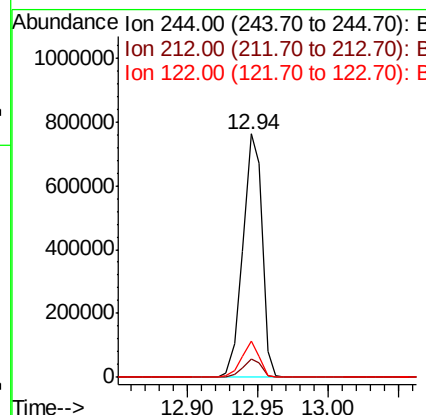
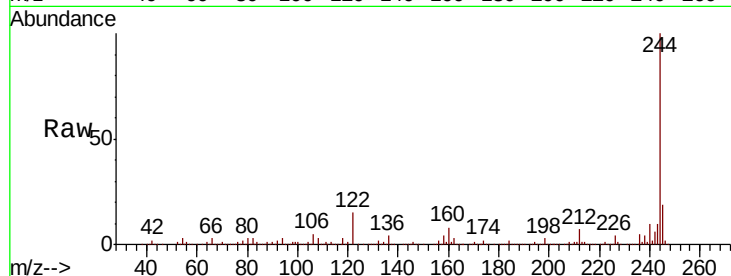
ClientSampled :

TP-2

Tot Ion:	244	Resp:	718565
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	14.6	10.2	15.4

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#81

Benzo(a)anthracene

Concen: 2.070 ng m

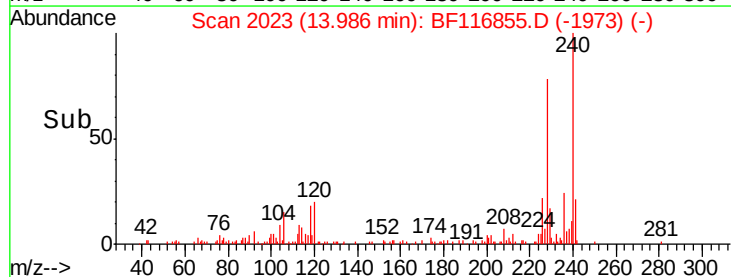
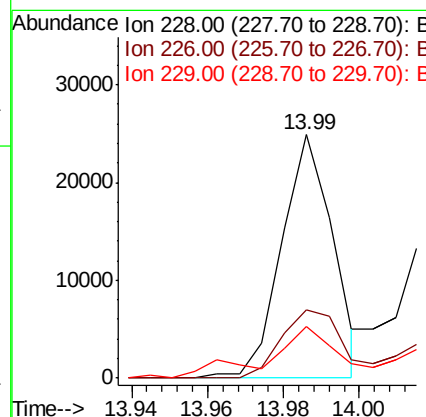
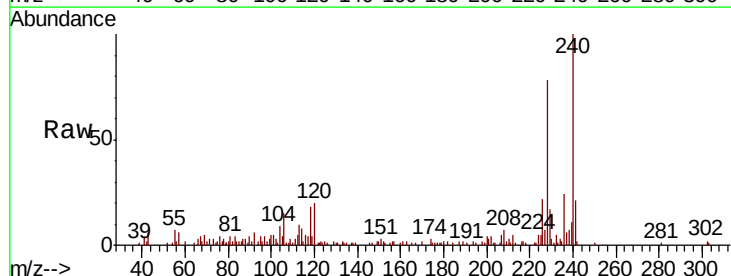
RT: 13.99 min Scan# 2023

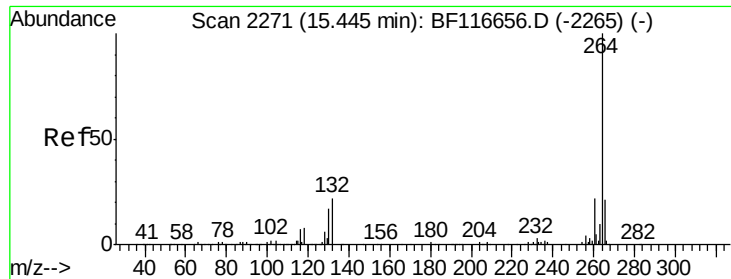
Delta R.T. -0.01 min

Lab File: BF116855.D

Acq: 6 Sep 2019 10:58

Tgt Ion:	228	Resp:	23332
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.0	33.0
229	21.4	16.4	24.6





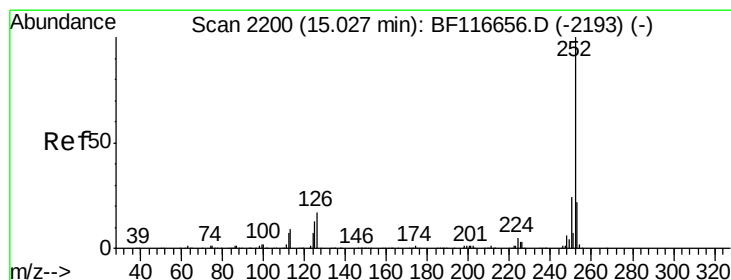
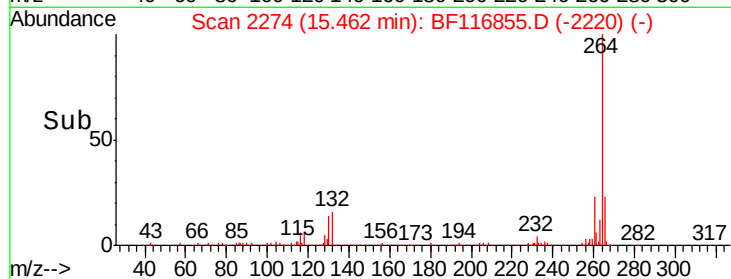
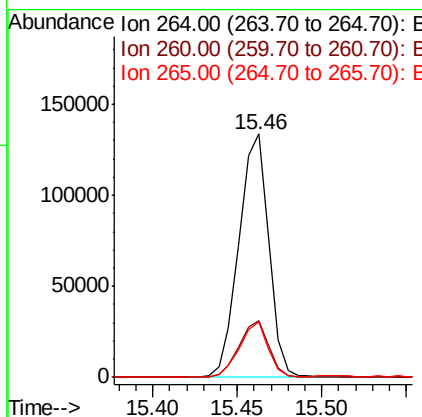
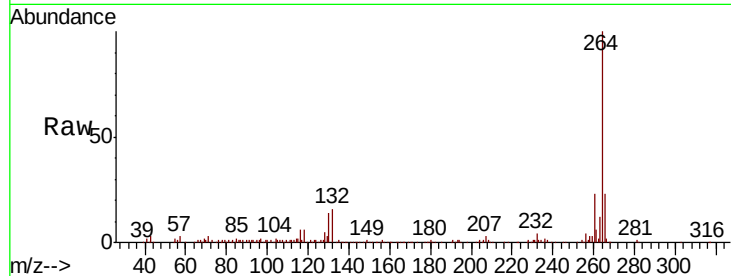
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:	264	Resp:	165920
Ion Ratio		Lower	Upper
264	100		
260	23.3	18.3	27.5
265	22.6	16.5	24.7

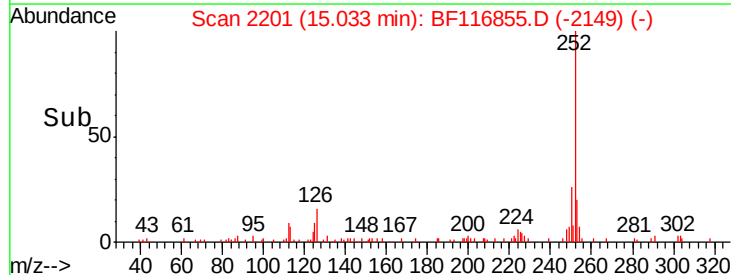
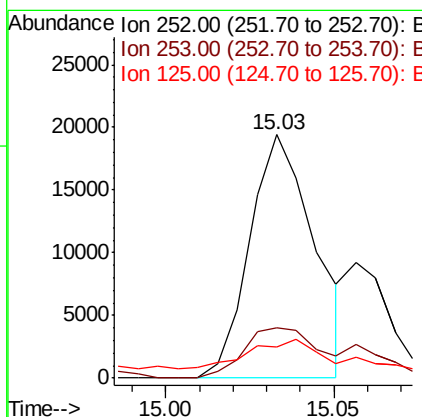
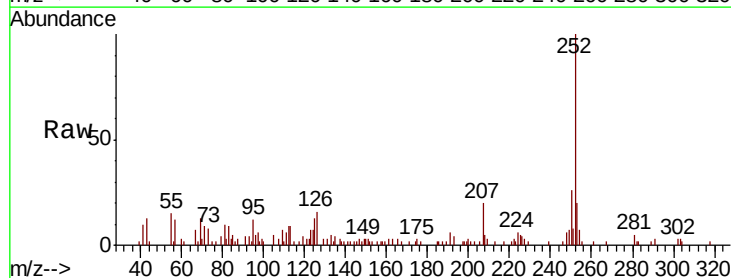
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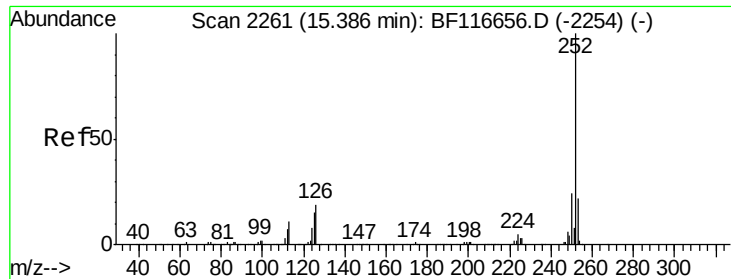
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#88
Benzo(b)fluoranthene
Concen: 2.609 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116855.D
Acq: 6 Sep 2019 10:58

Tgt Ion:	252	Resp:	26174
Ion Ratio		Lower	Upper
252	100		
253	20.5	17.7	26.5
125	12.9	8.2	12.2#





#90
 Benzo(a)pyrene
 Concen: 2.162 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: BF116855.D
 Acq: 6 Sep 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.2	18.1	27.1
125	18.2	9.8	14.8

Manual Integrations
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