

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117853.D
 Acq On : 19 Nov 2019 12:27
 Operator : JU
 Sample : K5863-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Manual Integrations
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 11/20/2019 1:49:08 PM

Quant Time: Nov 19 13:28:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	224089	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	863072	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	462562	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	846513	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	576156	20.00	ng	-0.01
87) Perylene-d12	15.61	264	507255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1195853	94.46	ng	0.00
7) Phenol-d6	6.54	99	1538602	100.76	ng	0.00
23) Nitrobenzene-d5	7.47	82	929941	64.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	340091	69.45	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1728289	67.03	ng	-0.01
79) Terphenyl-d14	13.05	244	1947474	61.78	ng	0.00
Target Compounds						
10) Phenol	6.55	94	97768	6.162	ng	93
50) Dimethylphthalate	9.67	163	221019	6.814	ng	99
78) Pyrene	12.90	202	129812	2.788	ng	98
88) Benzo(b)fluoranthene	15.16	252	71678m	2.175	ng	

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

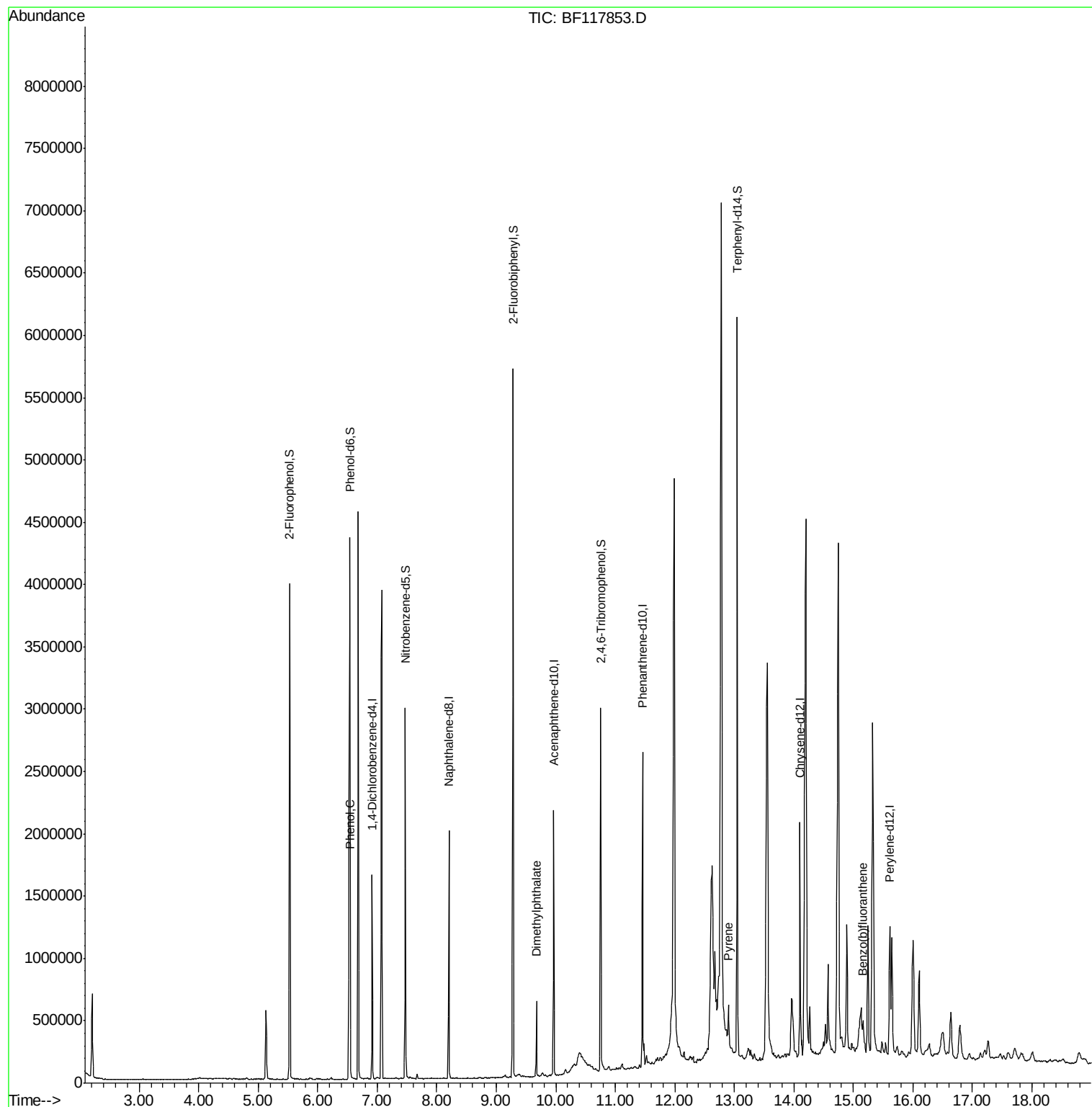
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117853.D
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Sample : K5863-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

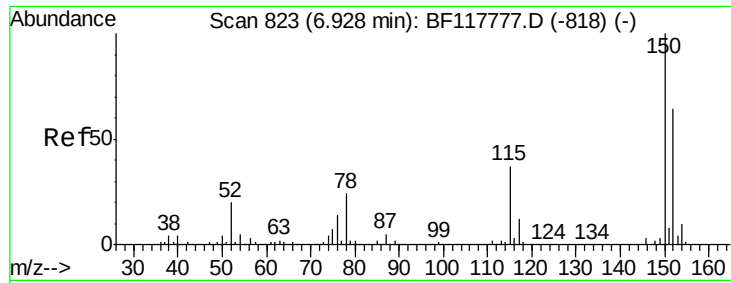
Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

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#1

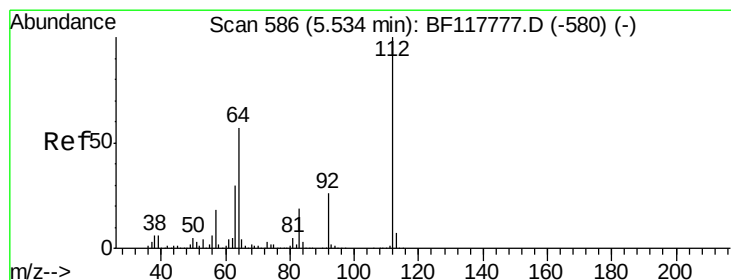
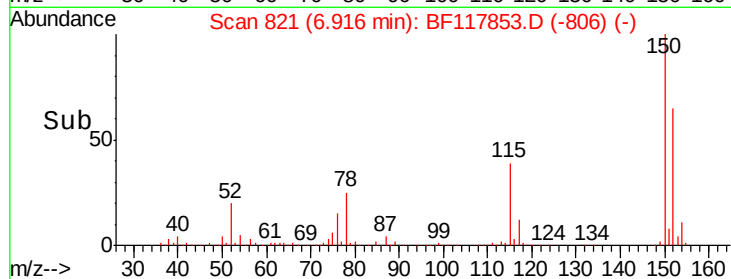
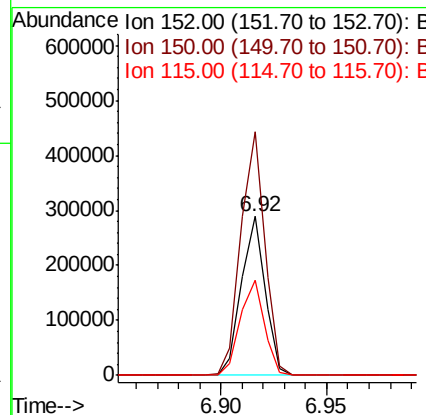
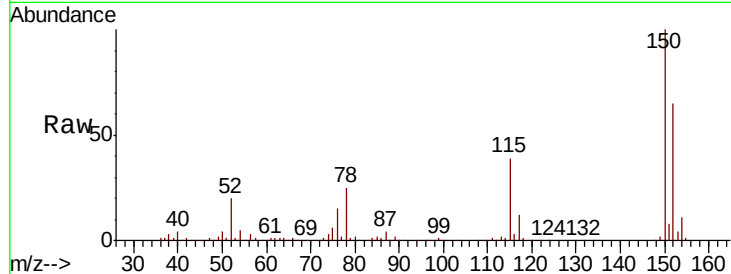
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117853.D
Acq: 19 Nov 2019 12:27

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.3	187.9
115	59.7	47.0	70.4

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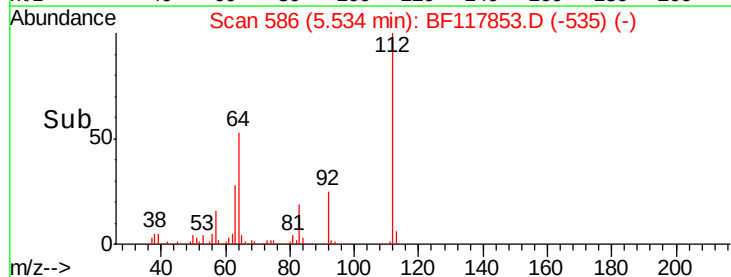
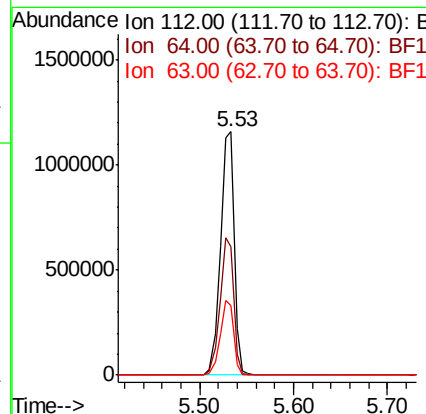
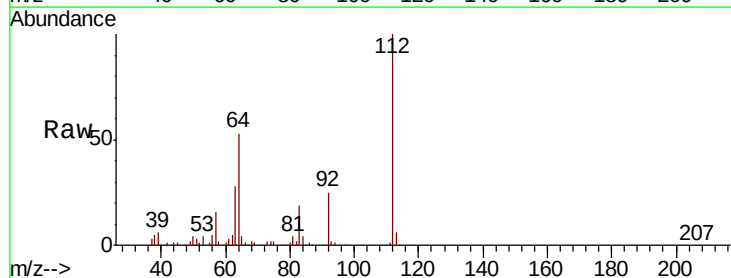
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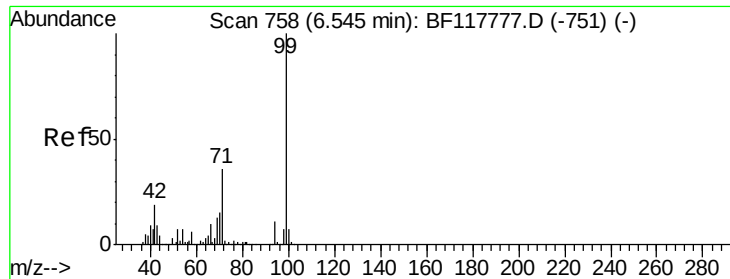


#5

2-Fluorophenol
Concen: 94.462 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117853.D
Acq: 19 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.6	68.4
63	28.5	24.1	36.1





#7

Phenol-d6

Concen: 100.763 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117853.D

Acq: 19 Nov 2019 12:27

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

Tot Ion: 99 Resp: 1538602

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

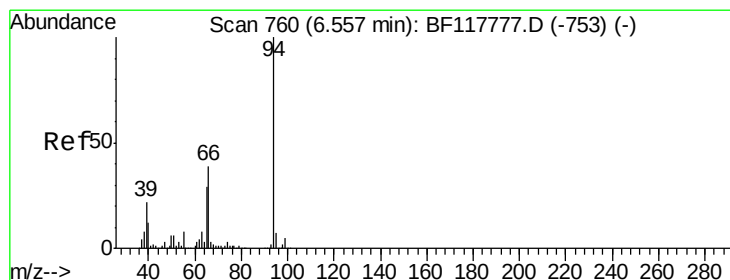
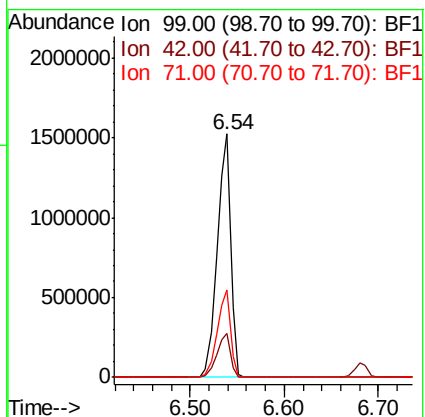
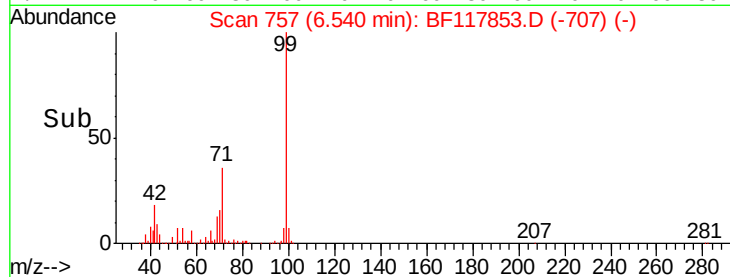
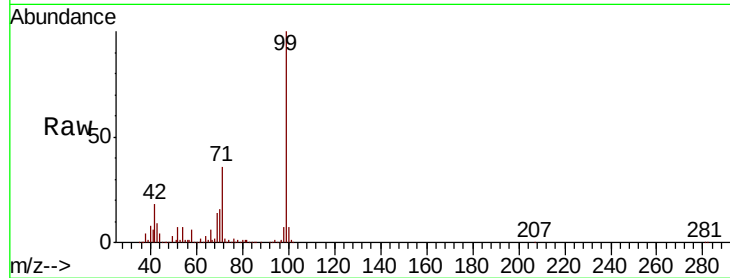
71 35.9 28.6 43.0

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#10

Phenol

Concen: 6.162 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117853.D

Acq: 19 Nov 2019 12:27

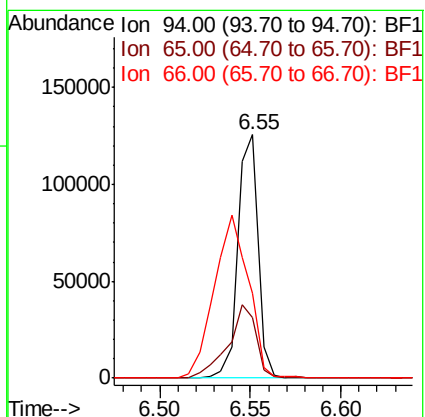
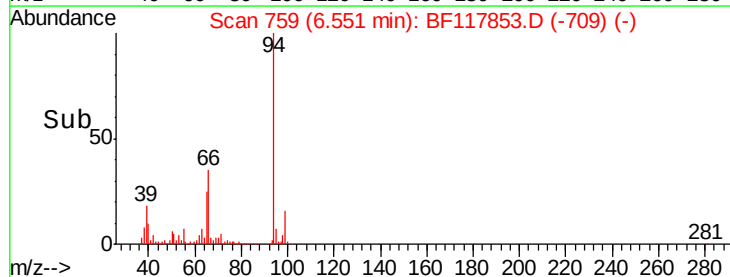
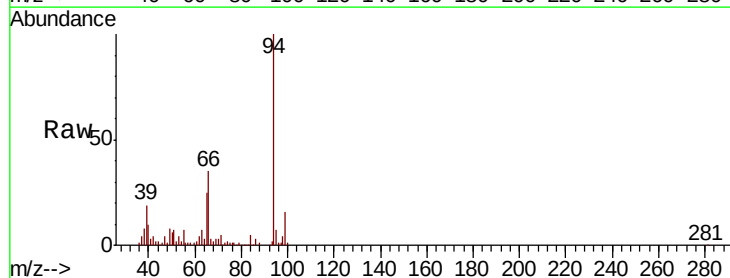
Tgt Ion: 94 Resp: 97768

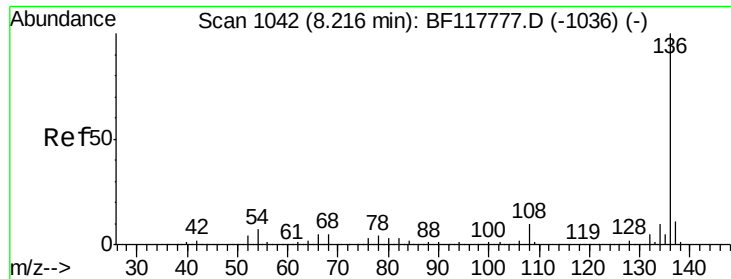
Ion Ratio Lower Upper

94 100

65 24.9 8.9 48.9

66 35.0 18.7 58.7





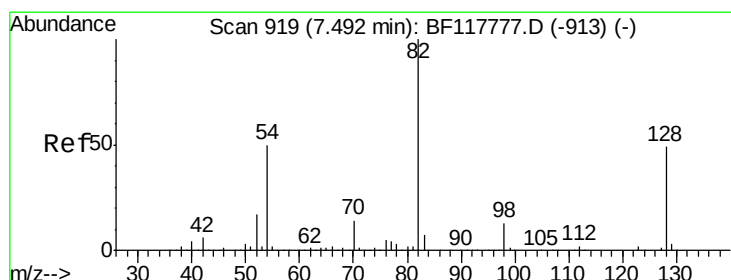
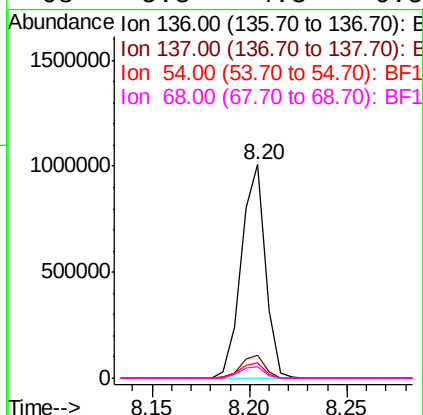
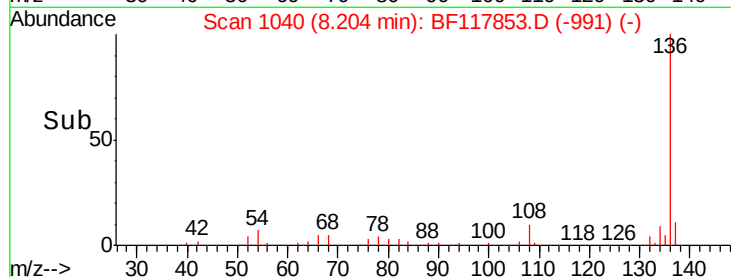
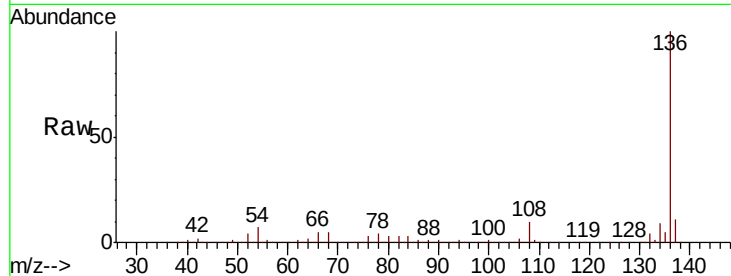
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117853.D
Acq: 19 Nov 2019 12:27

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		863072		
137	11.0	9.0	13.4		
54	6.9	5.4	8.2		
68	5.3	4.3	6.5		

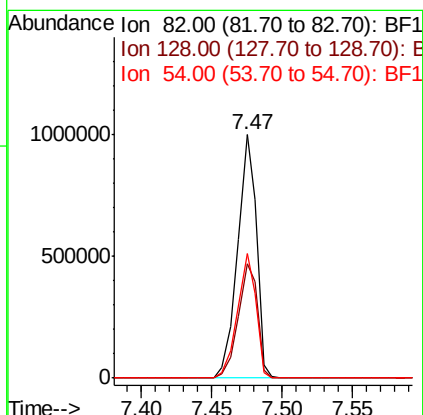
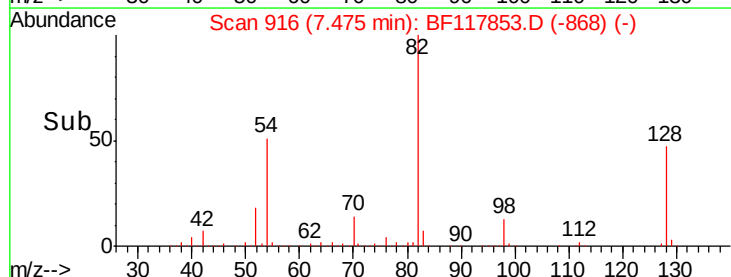
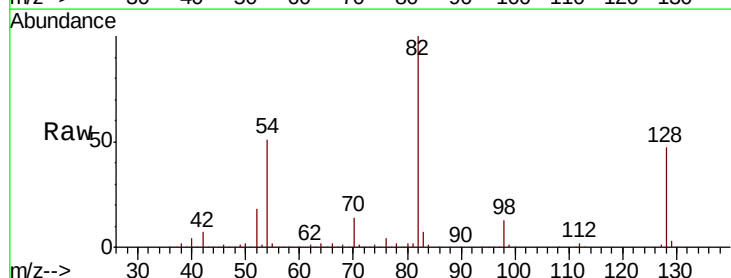
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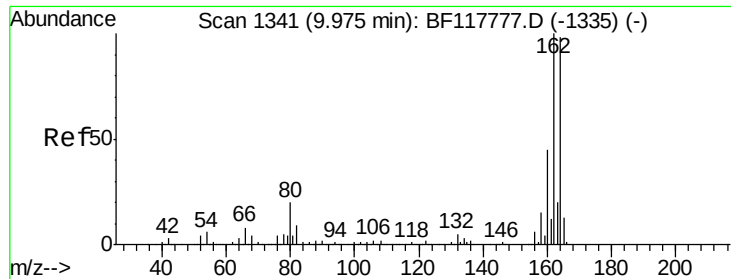
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#23
Nitrobenzene-d5
Concen: 64.052 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117853.D
Acq: 19 Nov 2019 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		929941		
128	46.7	38.9	58.3		
54	51.3	39.8	59.6		





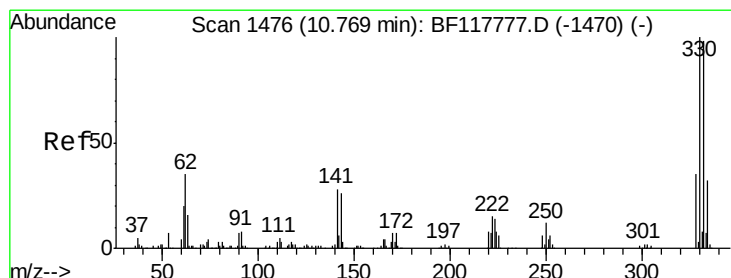
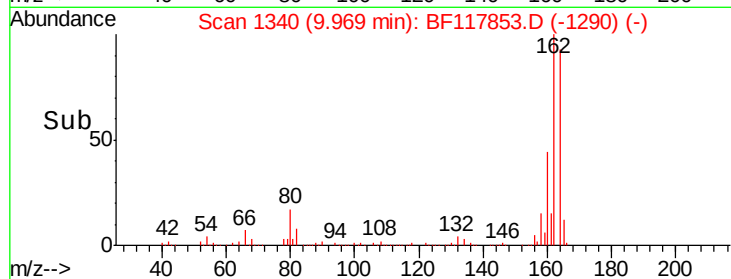
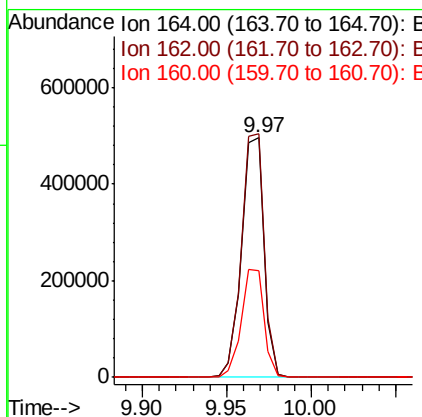
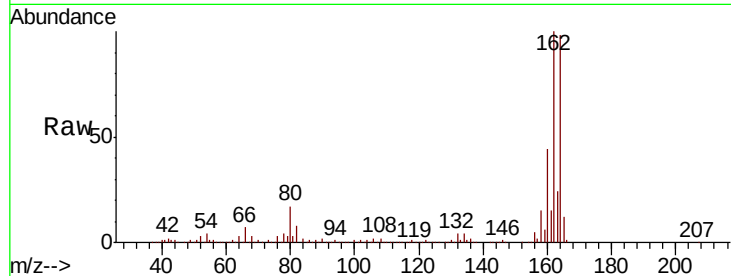
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117853.D
Acq: 19 Nov 2019 12:27

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	81.3	121.9	
160	44.6	36.6	55.0	

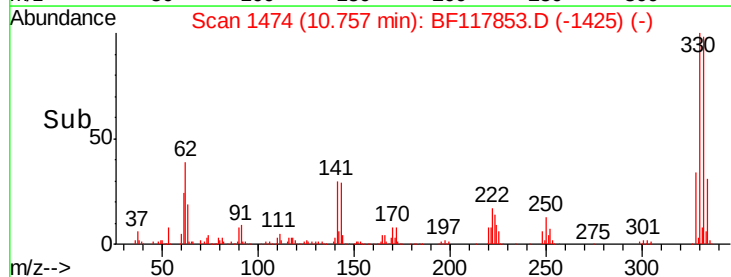
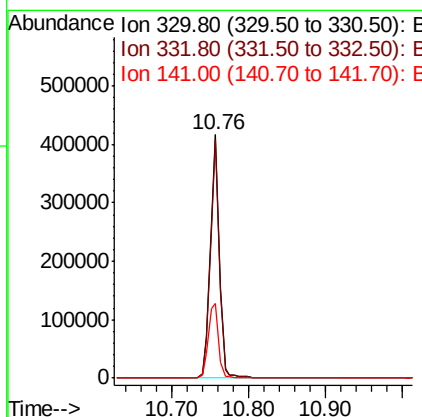
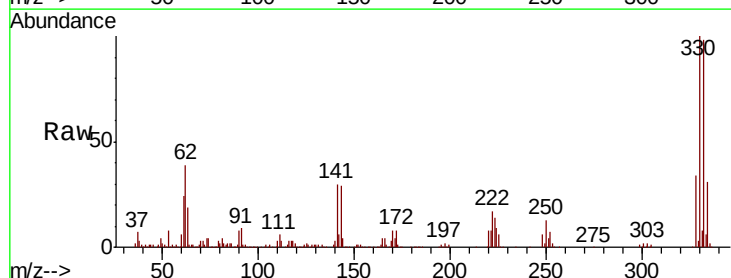
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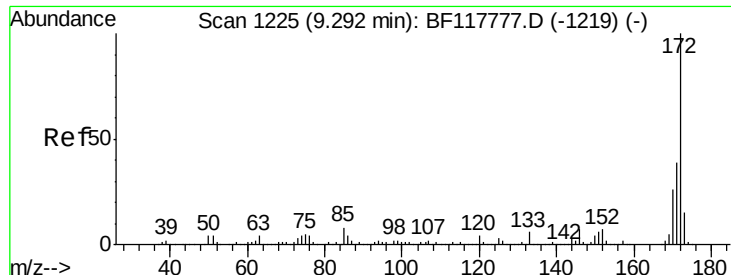
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#42
2,4,6-Tribromophenol
Concen: 69.448 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117853.D
Acq: 19 Nov 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.7	115.1	
141	34.7	27.7	41.5	





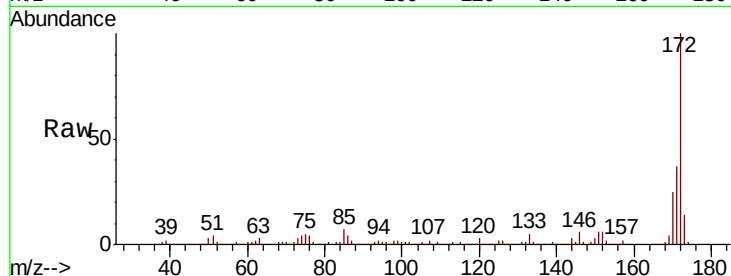
#45
2-Fluorobiphenyl
Concen: 67.031 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117853.D
Acq: 19 Nov 2019 12:27

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.9	46.3
170	24.9	21.0	31.4

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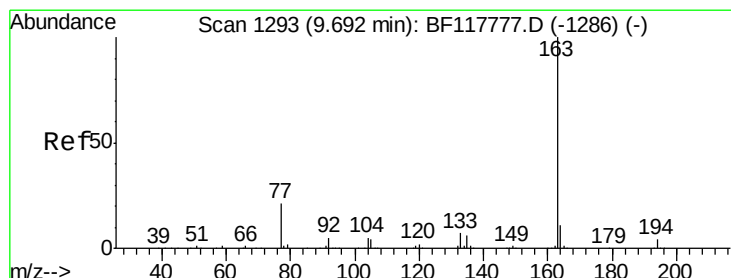
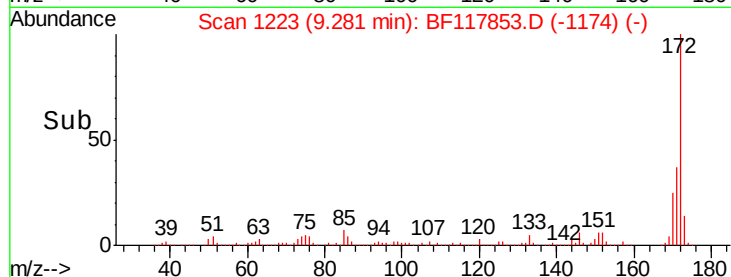
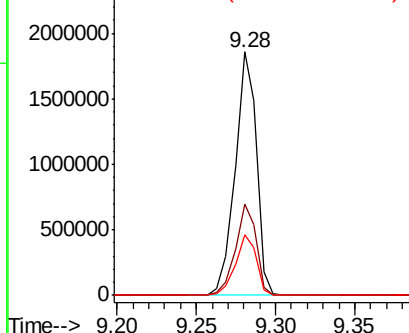


Abundance

Ion 172.00 (171.70 to 172.70): E

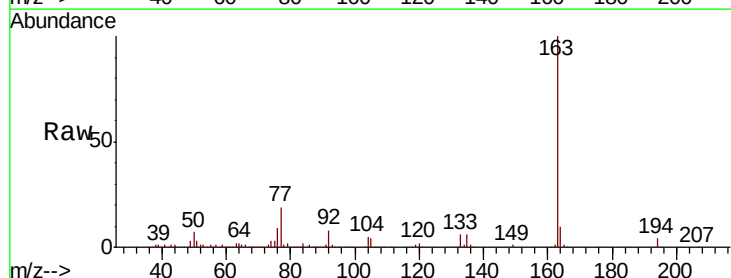
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.814 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117853.D
Acq: 19 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.7	13.1

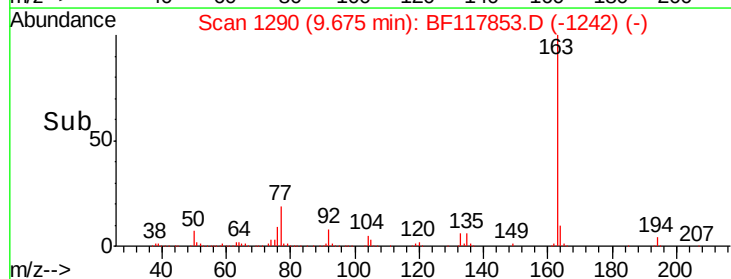
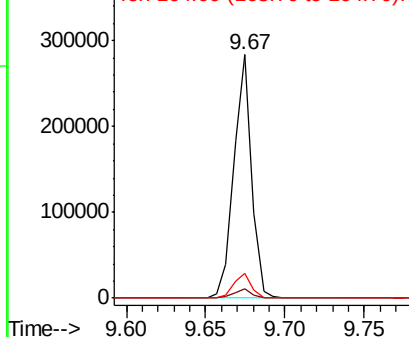


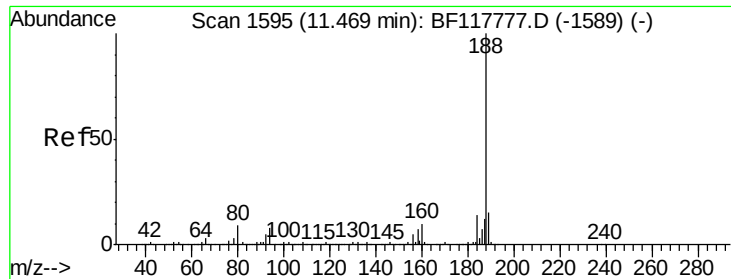
Abundance

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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117853.D

Acq: 19 Nov 2019 12:27

Instrument :

BNA_F

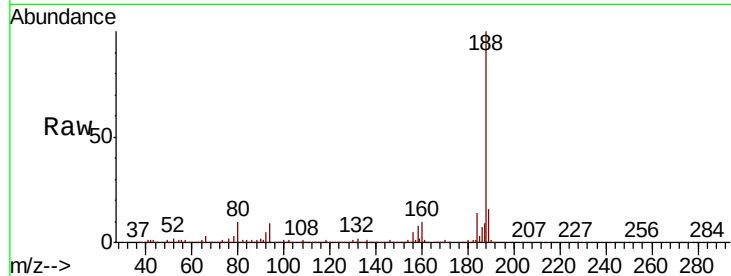
ClientSampled :

TP-1-COMP

Tot Ion:	188	Resp:	846513
Ion Ratio	Lower	Upper	
188	100		
94	9.2	6.6	10.0
80	10.1	7.2	10.8

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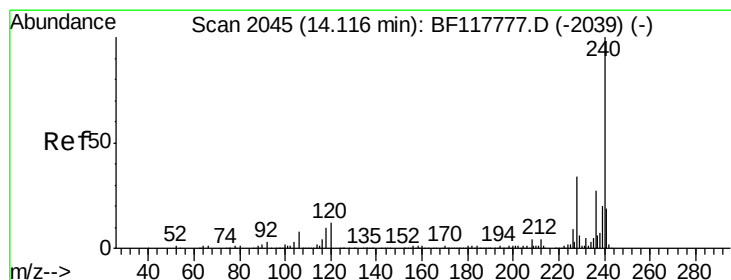
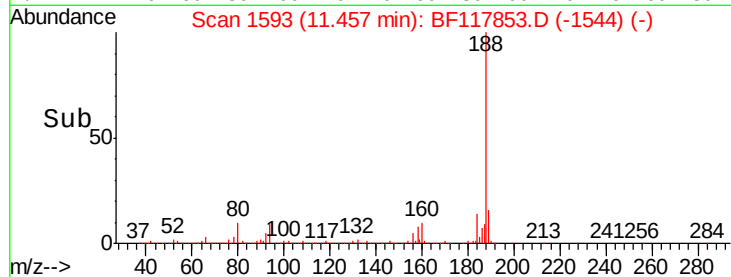
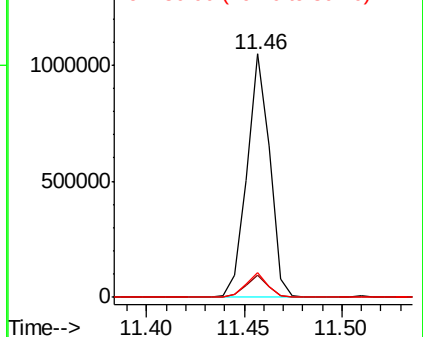
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

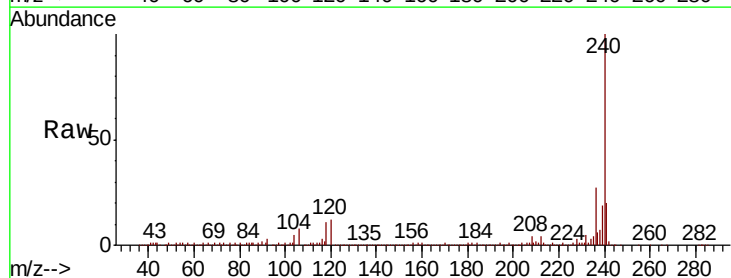
RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117853.D

Acq: 19 Nov 2019 12:27

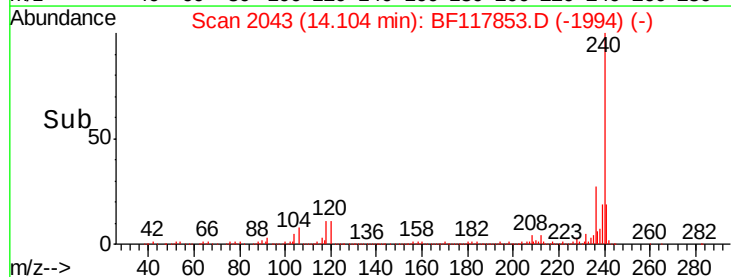
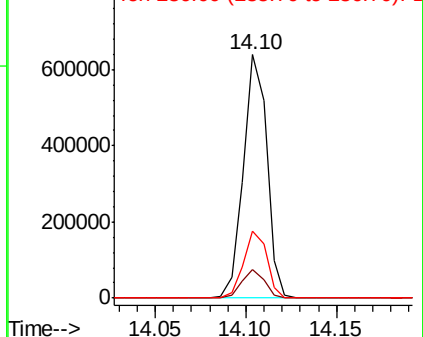
Tgt Ion:	240	Resp:	576156
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	27.3	21.3	31.9

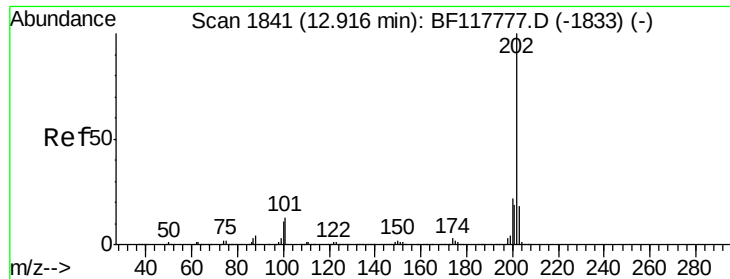


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.788 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117853.D

Acq: 19 Nov 2019 12:27

Instrument :

BNA_F

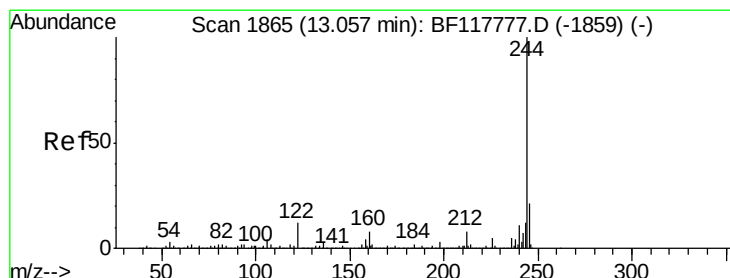
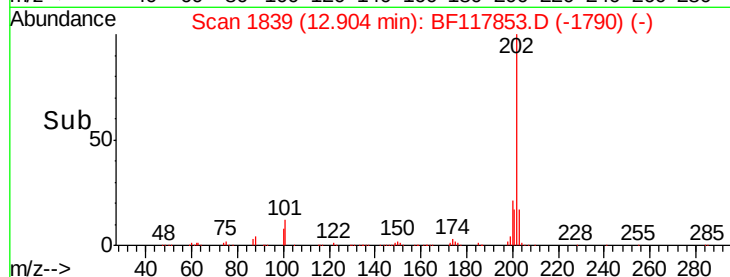
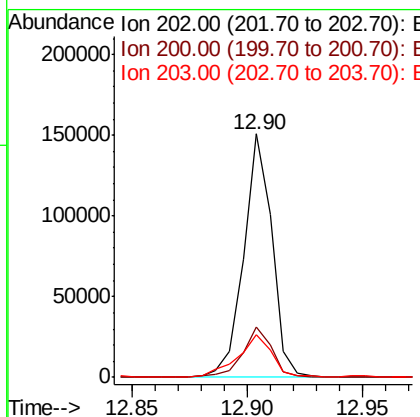
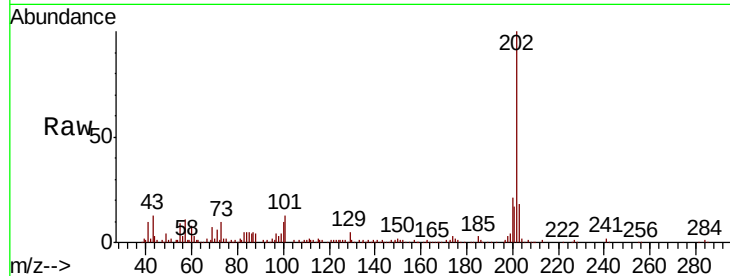
ClientSampleId :

TP-1-COMP

Tot Ion:	202	Resp:	129812
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.8	26.8
203	17.5	14.6	22.0

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#79

Terphenyl-d14

Concen: 61.775 ng

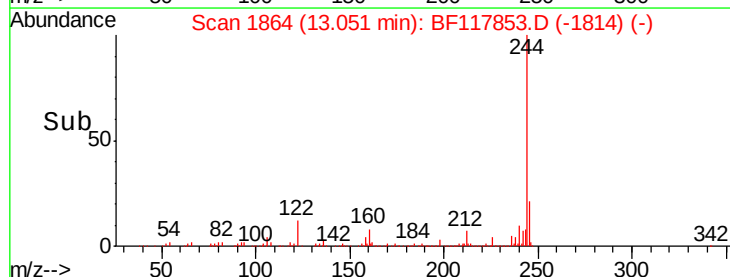
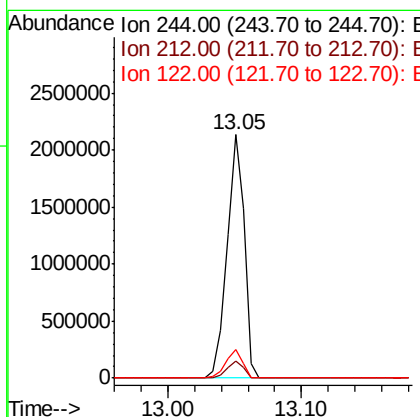
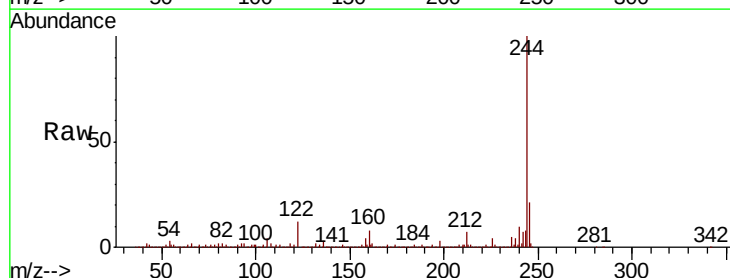
RT: 13.05 min Scan# 1864

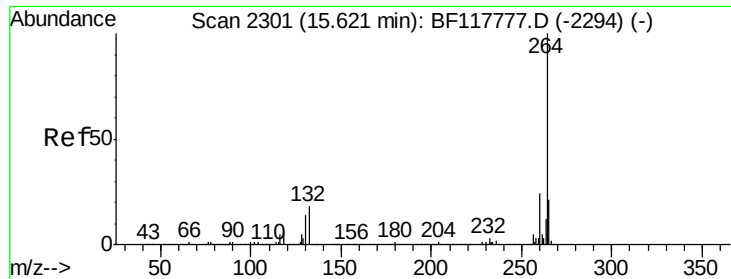
Delta R.T. -0.01 min

Lab File: BF117853.D

Acq: 19 Nov 2019 12:27

Tgt Ion:	244	Resp:	1947474
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.3	9.5
122	11.7	9.4	14.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117853.D

Acq: 19 Nov 2019 12:27

Instrument :

BNA_F

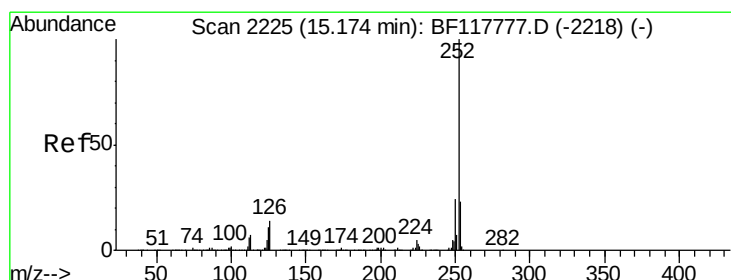
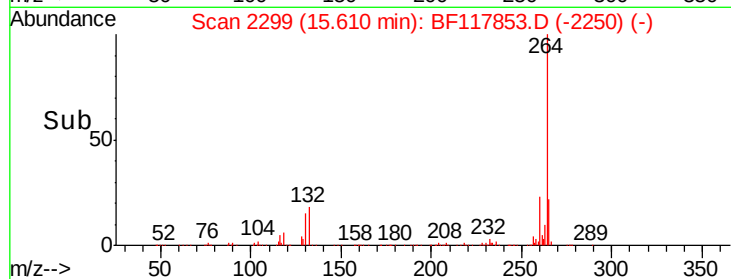
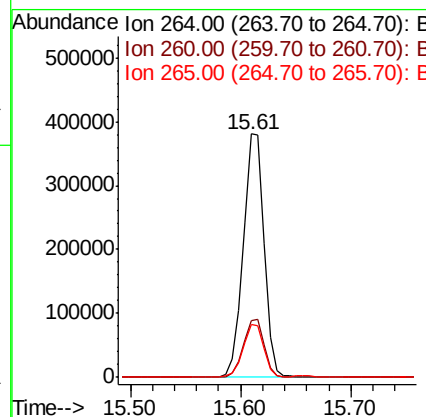
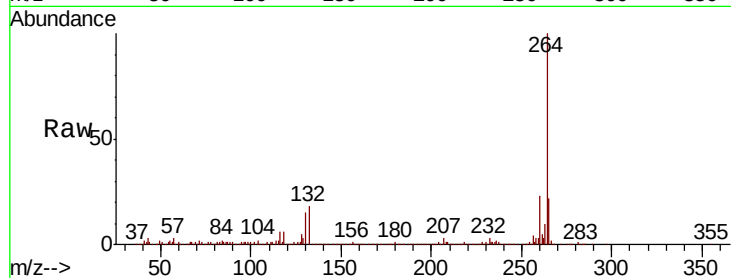
ClientSampleId :

TP-1-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.4	19.4	29.0		
265	21.8	17.1	25.7		

Manual Integrations
APPROVED

mohammad
11/20/2019 1:49:08 PM



#88

Benzo(b)fluoranthene

Concen: 2.175 ng m

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF117853.D

Acq: 19 Nov 2019 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	24.4	18.0	27.0		
125	13.0	8.6	13.0#		

