

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117872.D
 Acq On : 19 Nov 2019 21:03
 Operator : JU
 Sample : K5865-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-(14-16)

Manual Integrations
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Quant Time: Nov 20 01:55:32 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	174304	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	682369	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	352687	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	570712	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	432893	20.00	ng	-0.01
87) Perylene-d12	15.62	264	436028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1423	0.14	ng	-0.01
7) Phenol-d6	6.52	99	50543	4.26	ng	-0.02
23) Nitrobenzene-d5	7.47	82	589472	51.35	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	9.28	172	1157145	58.86	ng	-0.01
79) Terphenyl-d14	13.04	244	1156350	48.82	ng	-0.01
Target Compounds						
25) Isophorone	7.73	82	84564	4.019	ng	97
50) Dimethylphthalate	9.67	163	91491	3.699	ng	# 96
71) Phenanthrene	11.48	178	161330	5.623	ng	96
78) Pyrene	12.90	202	209744	5.995	ng	98
81) Benzo(a)anthracene	14.09	228	108288	3.785	ng	98
83) Chrysene	14.13	228	94785	3.419	ng	95
88) Benzo(b)fluoranthene	15.16	252	111201m	3.925	ng	
90) Benzo(a)pyrene	15.54	252	69758	2.800	ng	# 94

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

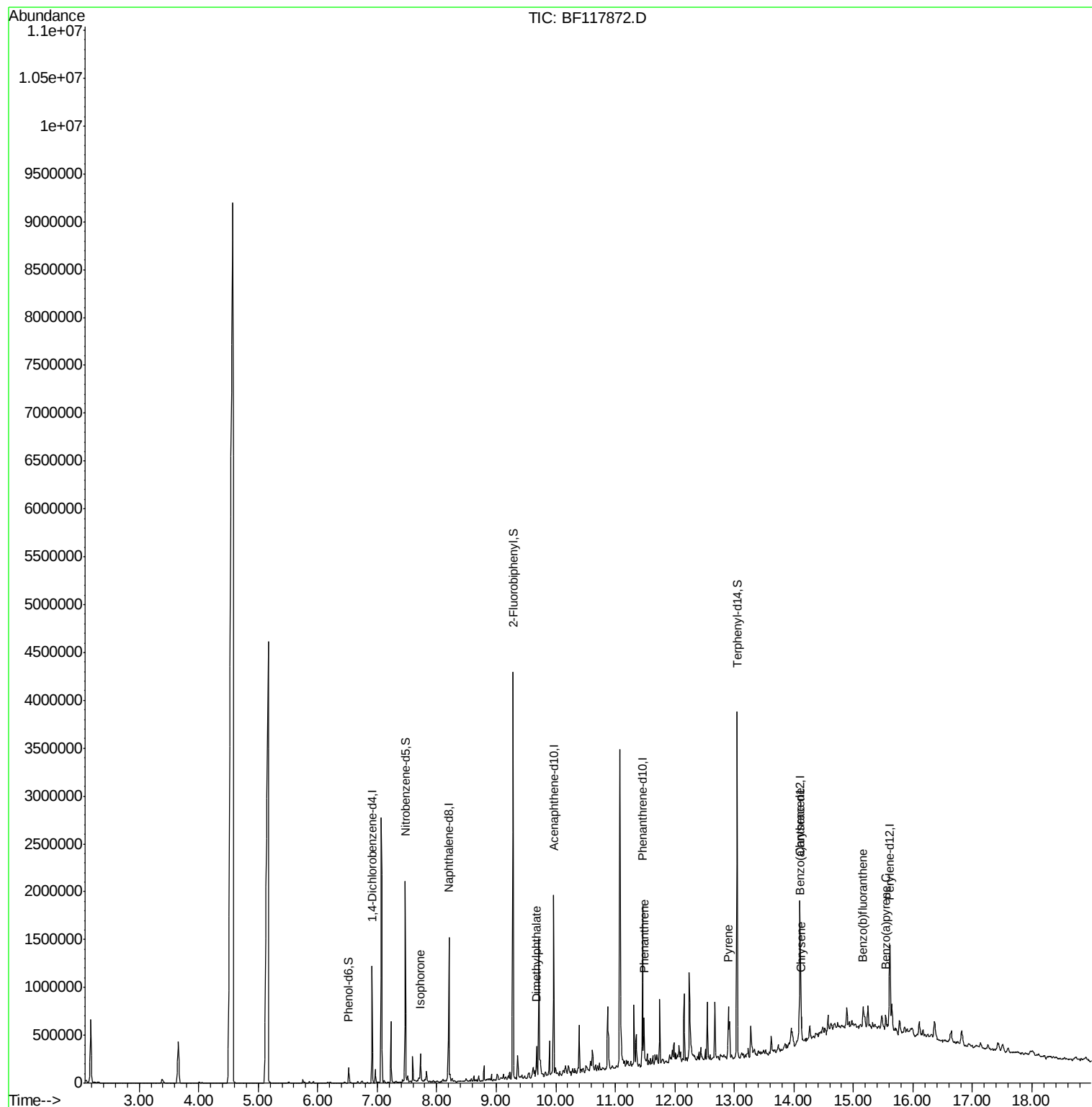
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117872.D
Acq On : 19 Nov 2019 21:03
Operator : JU
Sample : K5865-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

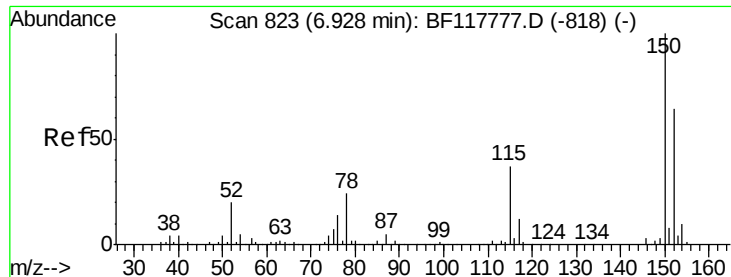
Instrument :
BNA_F
ClientSampleId :
3-(14-16)

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Quant Time: Nov 20 01:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

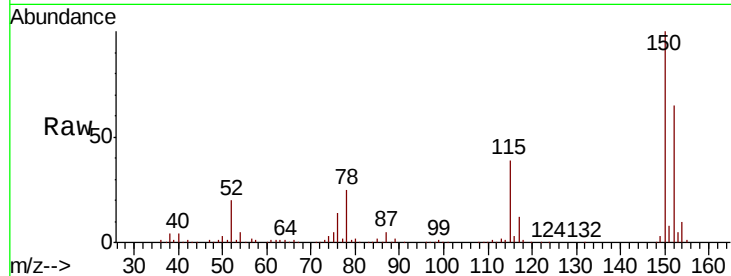
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Instrument :
BNA_F
ClientSampled :
3-(14-16)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.3	187.9
115	60.1	47.0	70.4

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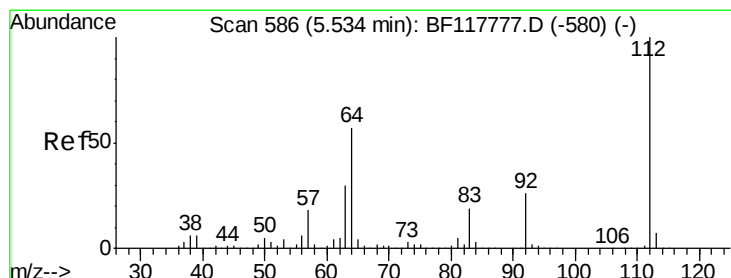
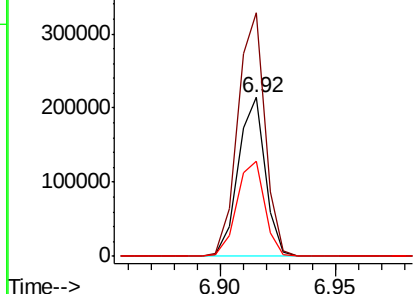
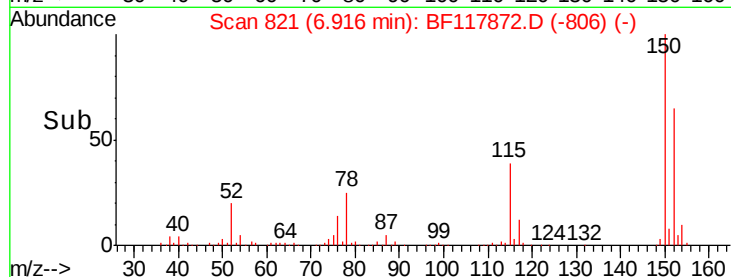


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

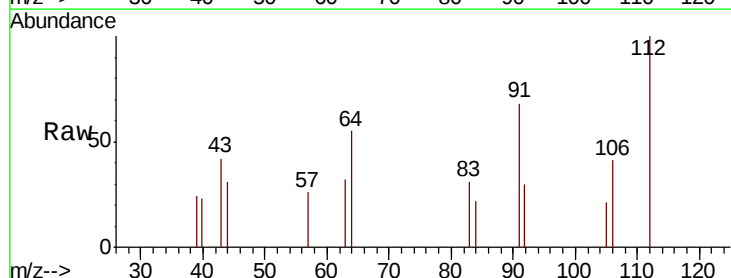
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.145 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.6	68.4
63	32.1	24.1	36.1

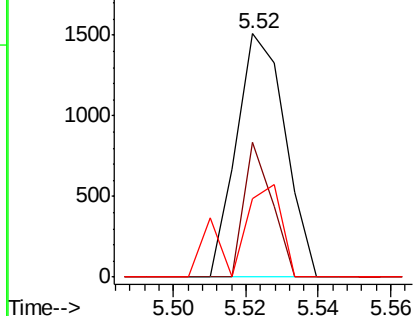
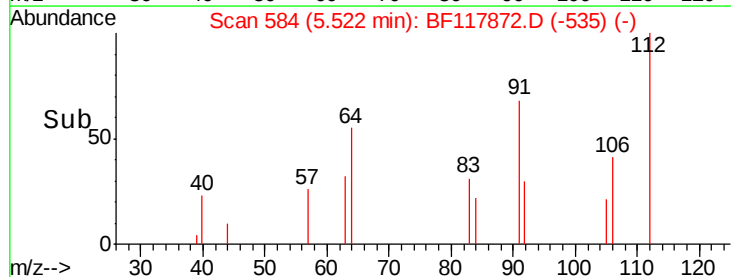


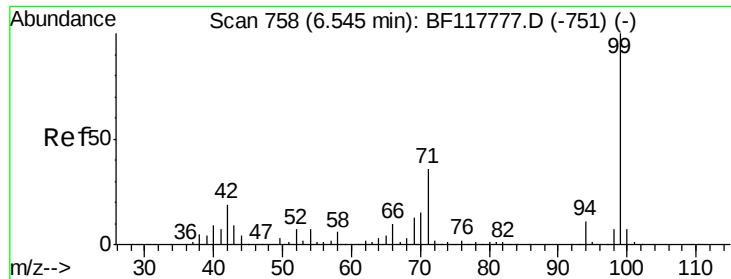
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 4.255 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117872.D

Acq: 19 Nov 2019 21:03

Instrument :

BNA_F

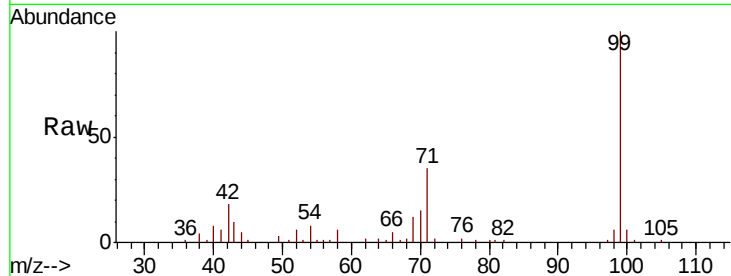
ClientSampleId :

3-(14-16)

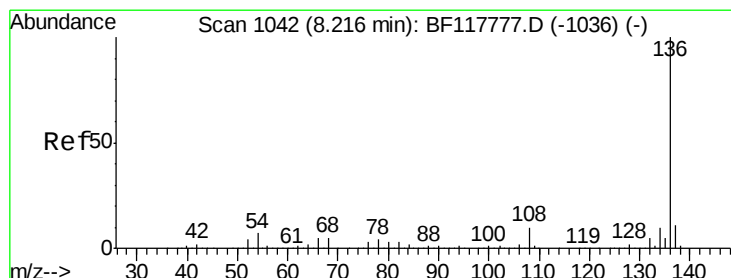
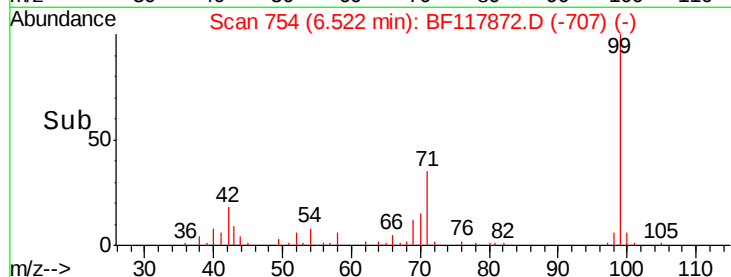
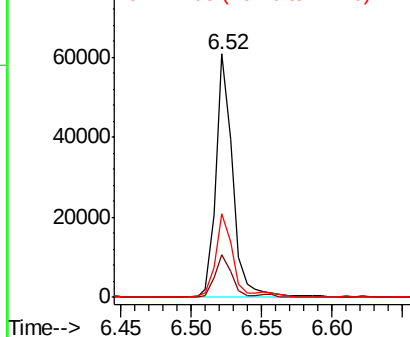
Tot Ion:	99	Resp:	50543
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.9	22.3
71	34.5	28.6	43.0

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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: 8.20 min Scan# 1040

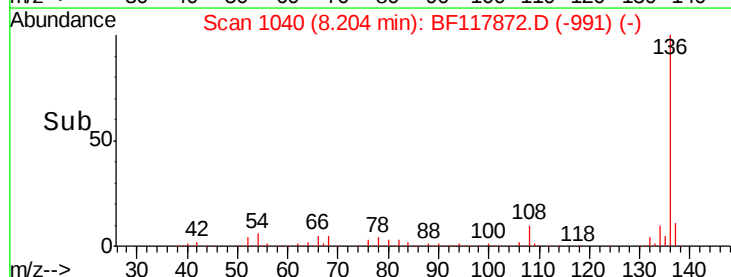
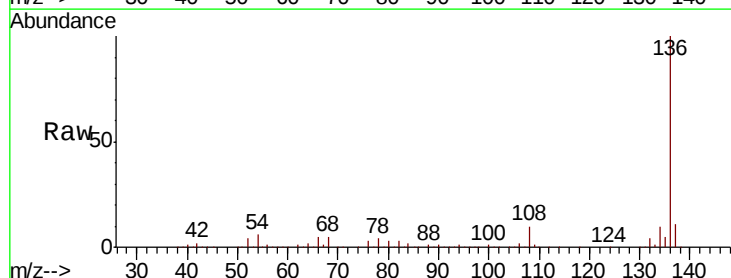
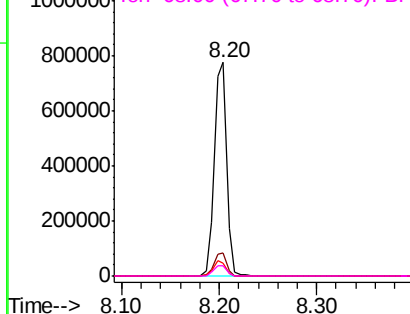
Delta R.T. -0.01 min

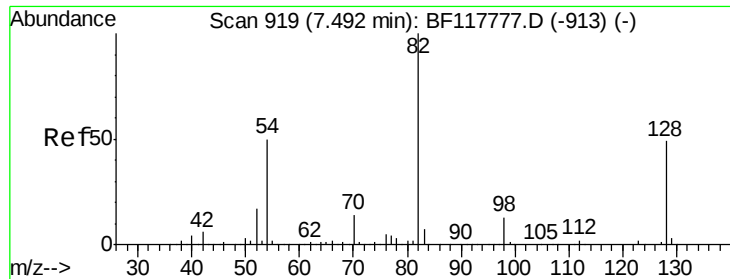
Lab File: BF117872.D

Acq: 19 Nov 2019 21:03

Tgt Ion:	136	Resp:	682369
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.3	5.4	8.2
68	4.7	4.3	6.5

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





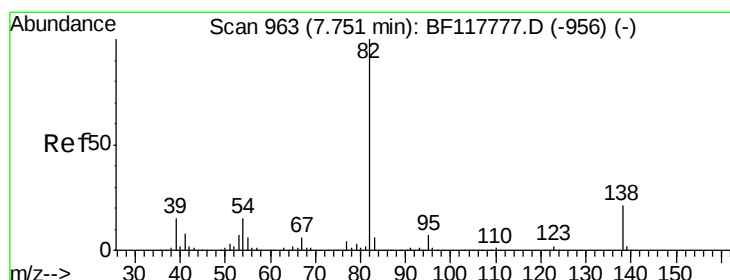
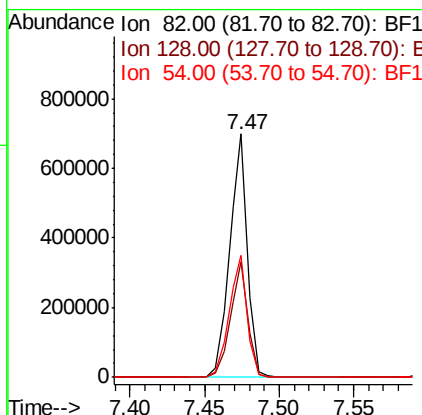
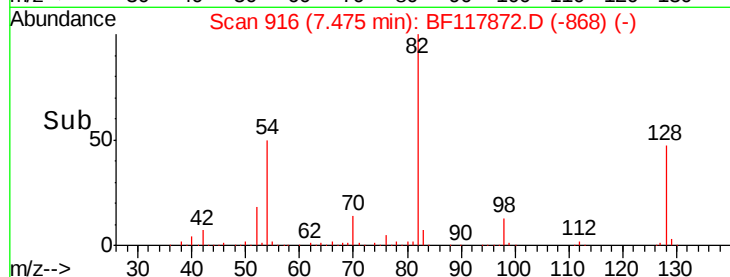
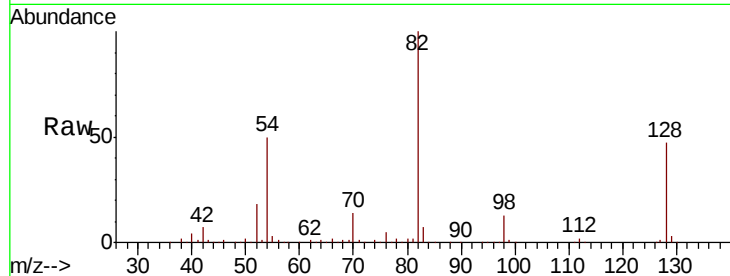
#23
Nitrobenzene-d5
Concen: 51.353 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Instrument :
BNA_F
ClientSampled :
3-(14-16)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	589472		
128	47.3		38.9	58.3
54	50.1		39.8	59.6

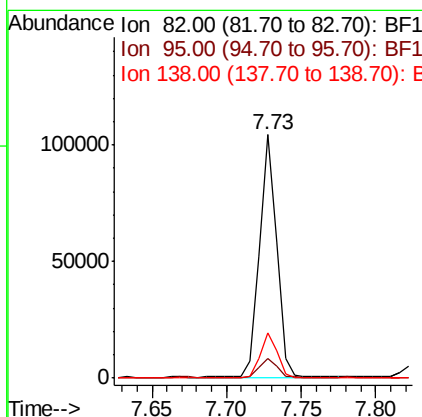
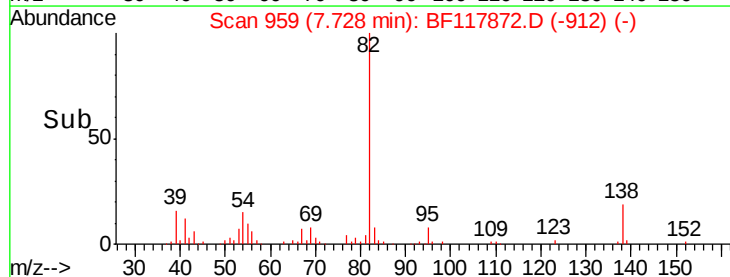
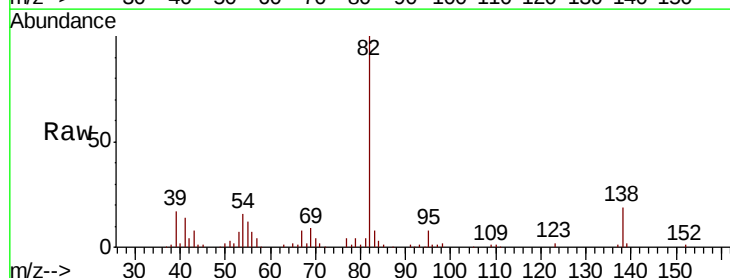
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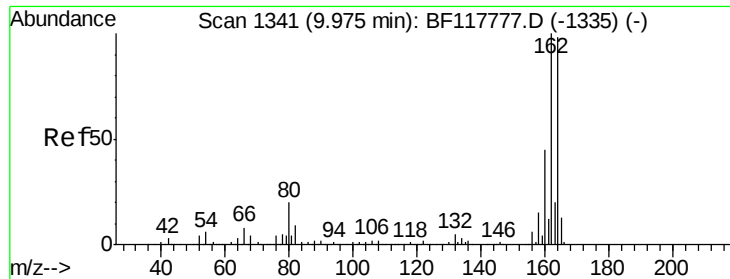
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#25
Isophorone
Concen: 4.019 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	84564		
95	8.0		5.8	8.8
138	18.8		16.5	24.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117872.D

Acq: 19 Nov 2019 21:03

Instrument :

BNA_F

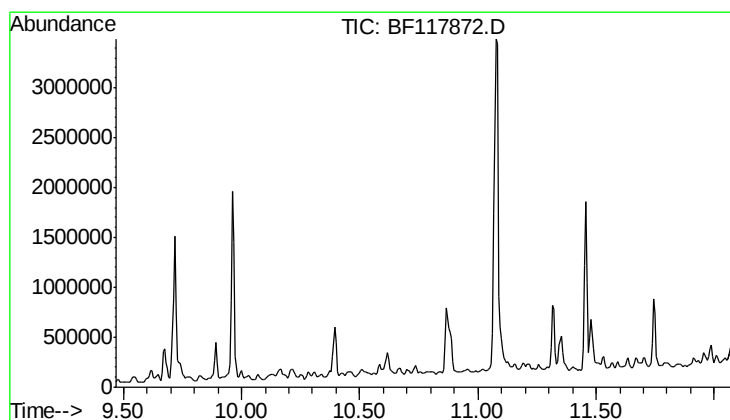
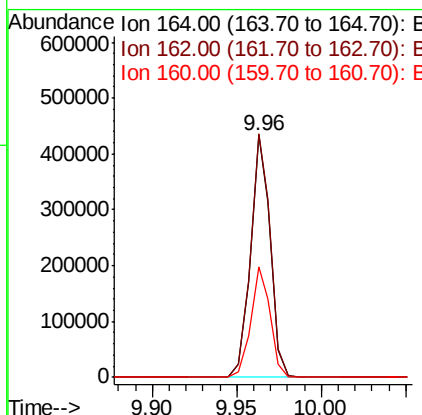
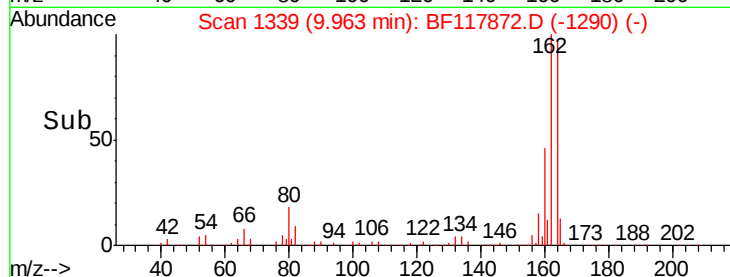
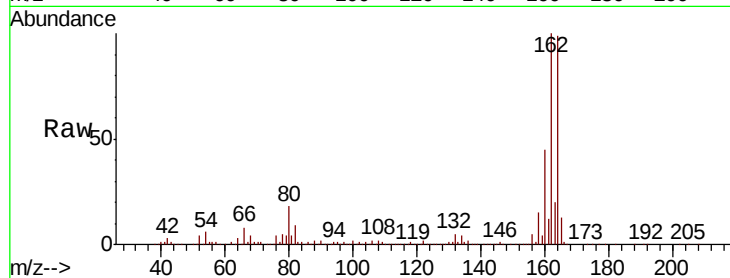
ClientSampleId :

3-(14-16)

Tot Ion:	164	Resp:	352687
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.3	121.9
160	45.7	36.6	55.0

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#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.77 min

Lab File: BF117872.D

Acq: 19 Nov 2019 21:03

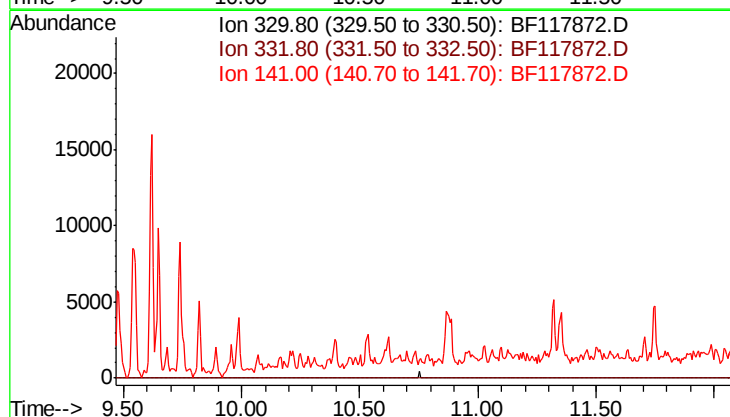
Tgt Ion: 330

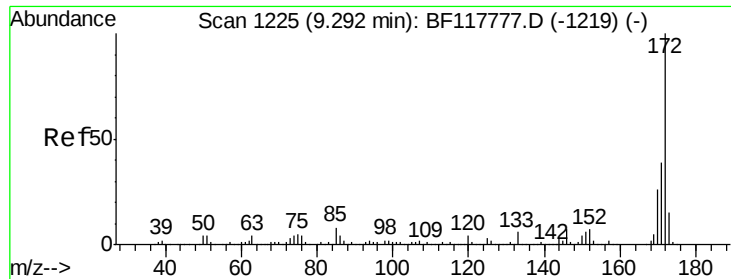
Sig Exp Ratio

330 100

332 95.9

141 34.6





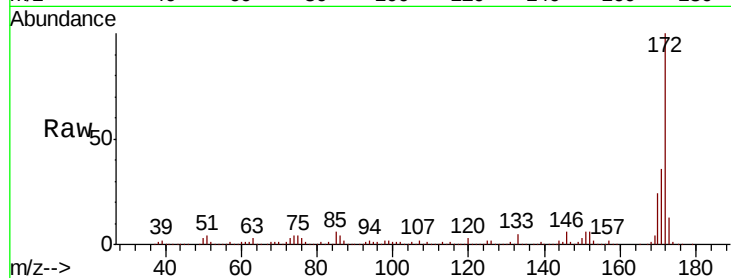
#45
2-Fluorobiphenyl
Concen: 58.861 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Instrument :
BNA_F
ClientSampleId :
3-(14-16)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.9	46.3
170	24.0	21.0	31.4

Manual Integrations
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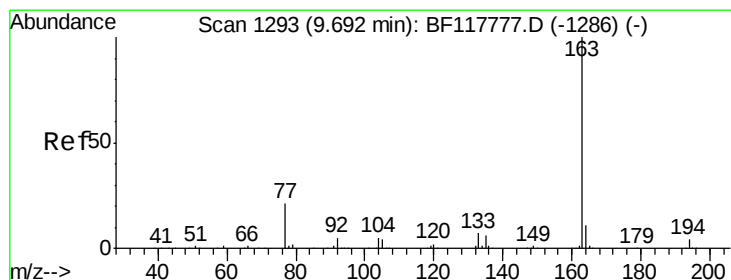
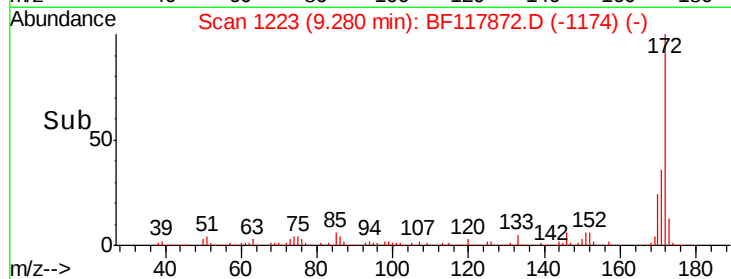
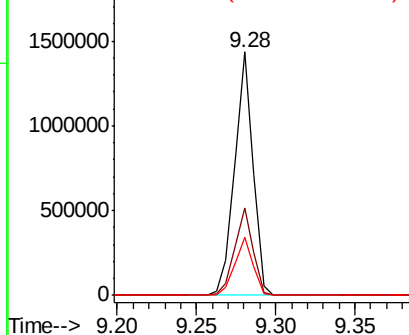


Abundance

Ion 172.00 (171.70 to 172.70): E

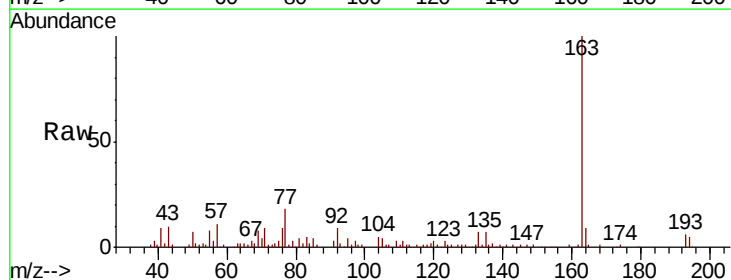
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 3.699 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.3	4.9#
164	9.3	8.7	13.1

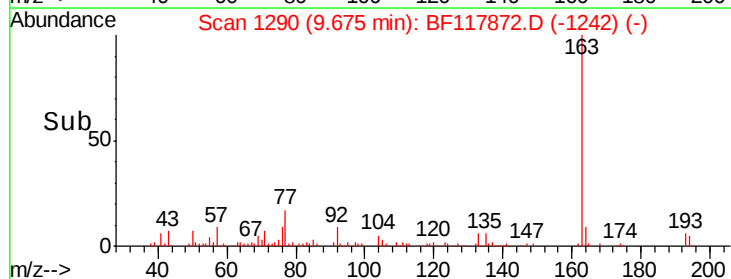
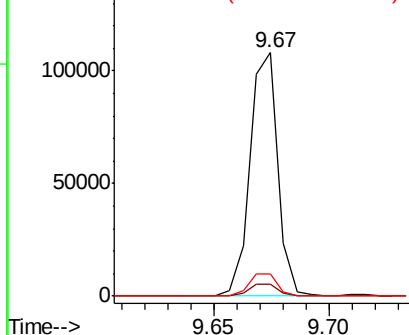


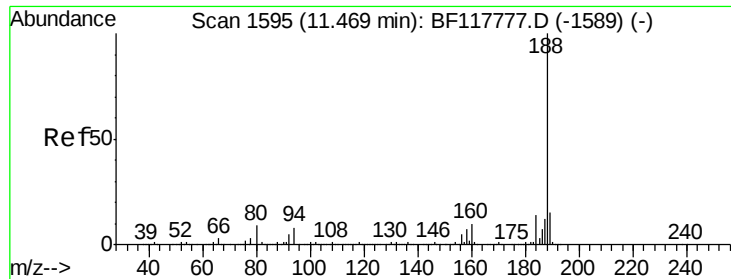
Abundance

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





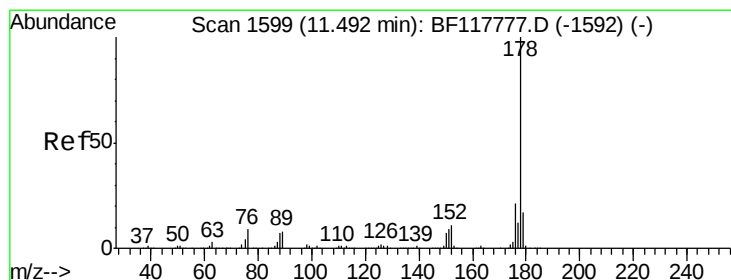
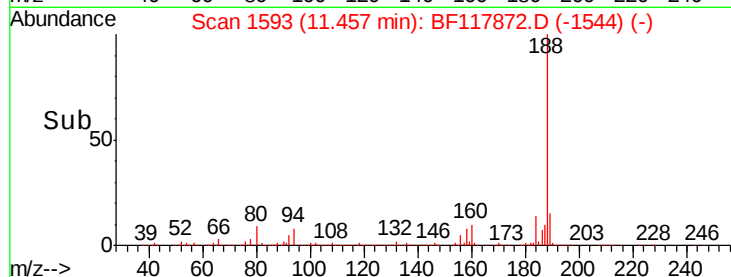
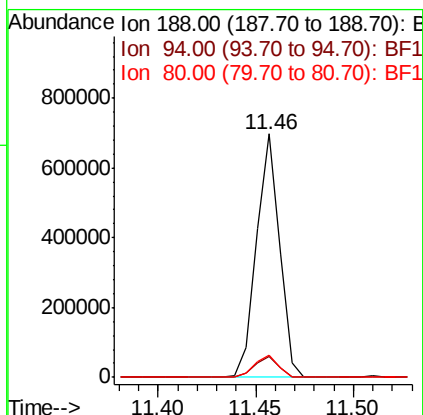
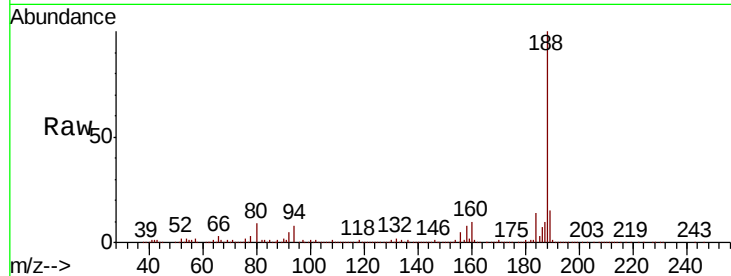
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Instrument :
BNA_F
ClientSampleId :
3-(14-16)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.9	7.2	10.8

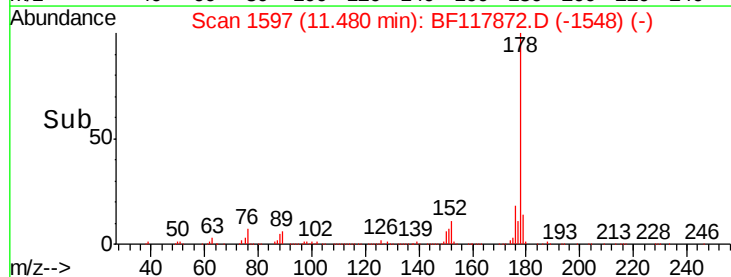
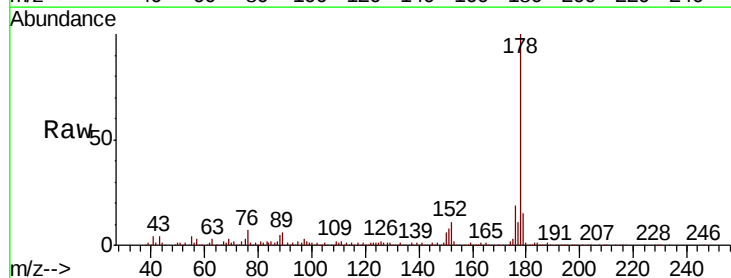
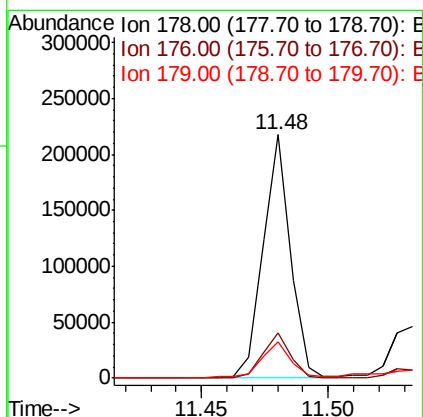
Manual Integrations
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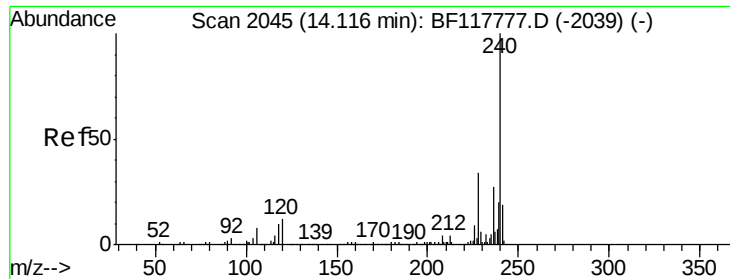
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#71
Phenanthrene
Concen: 5.623 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.5	16.6	25.0
179	14.8	13.2	19.8





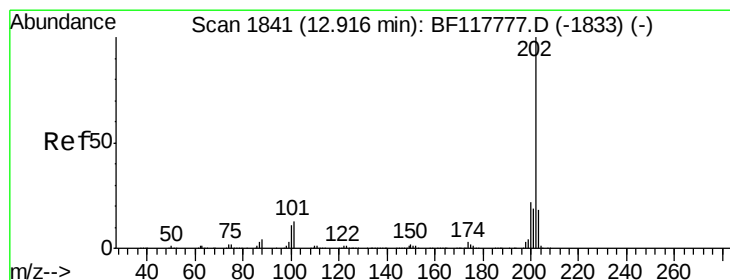
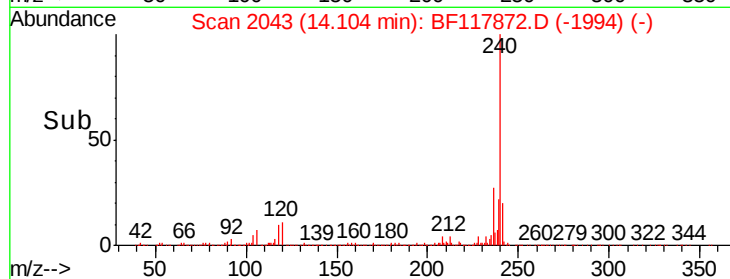
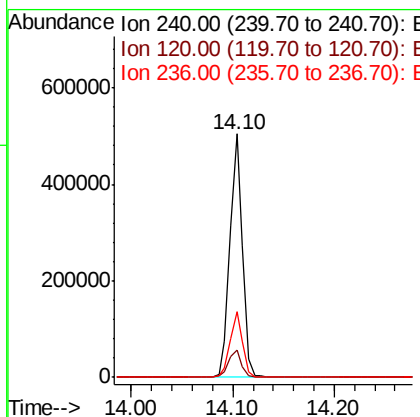
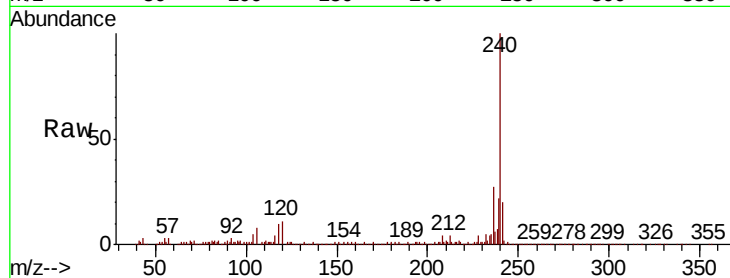
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Instrument :
BNA_F
ClientSampleId :
3-(14-16)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	27.1	21.3	31.9

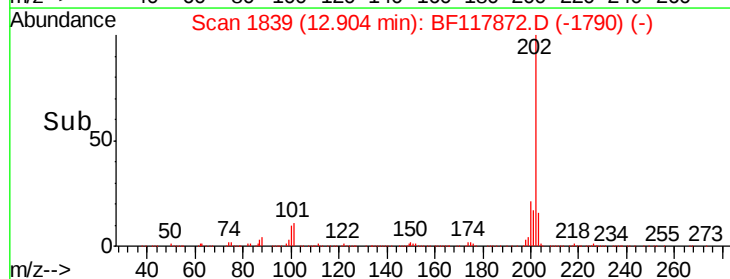
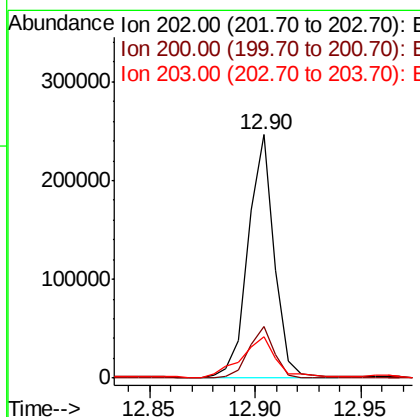
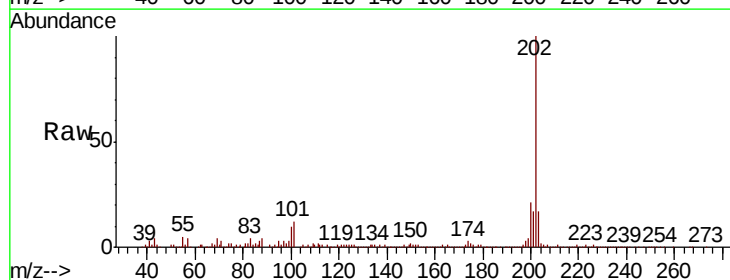
Manual Integrations
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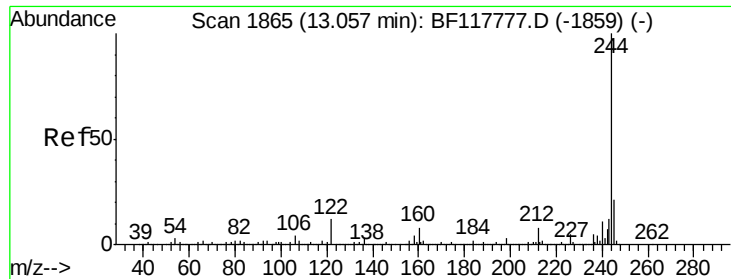
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#78
Pyrene
Concen: 5.995 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.8
203	16.9	14.6	22.0





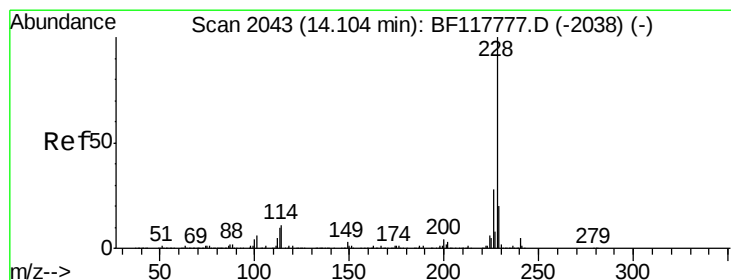
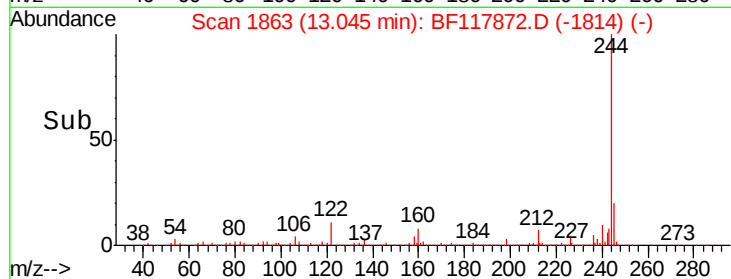
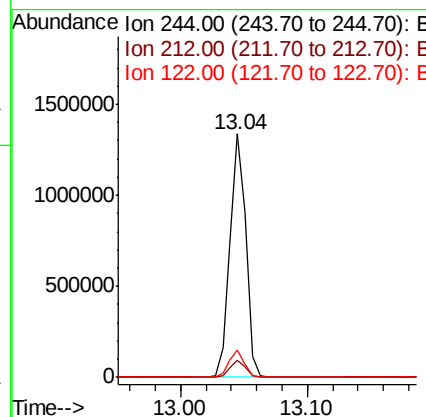
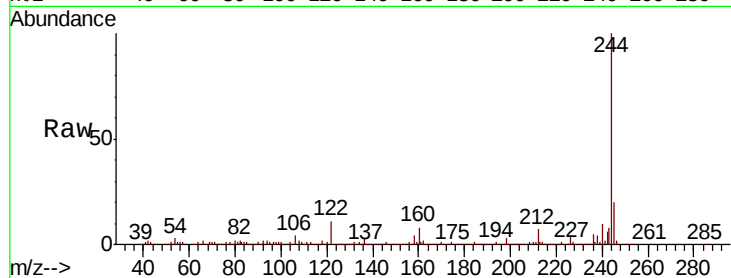
#79
 Terphenyl-d14
 Concen: 48.819 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF117872.D
 Acq: 19 Nov 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 3-(14-16)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	11.3	9.4	14.2

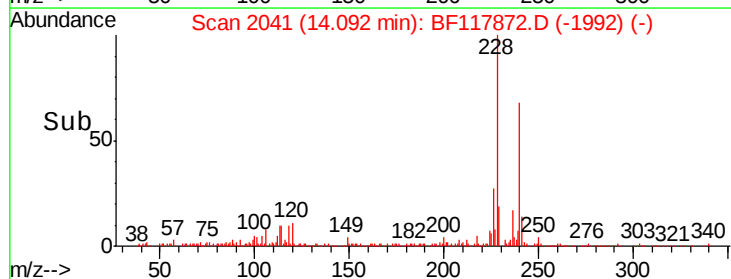
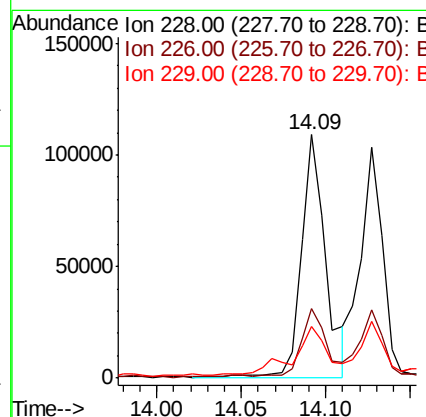
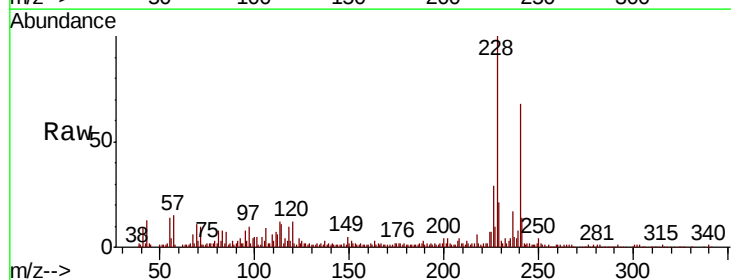
Manual Integrations
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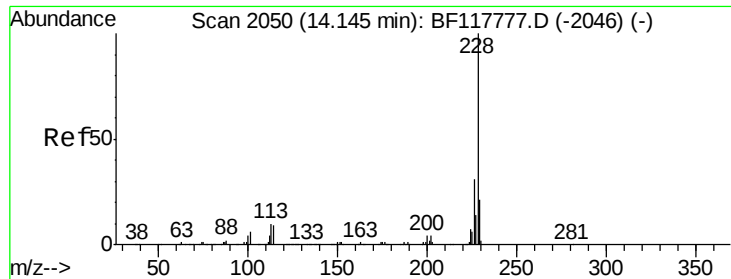
mohammad
 11/20/2019 1:49:40 PM



#81
 Benzo(a)anthracene
 Concen: 3.785 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF117872.D
 Acq: 19 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.2
229	21.0	15.9	23.9





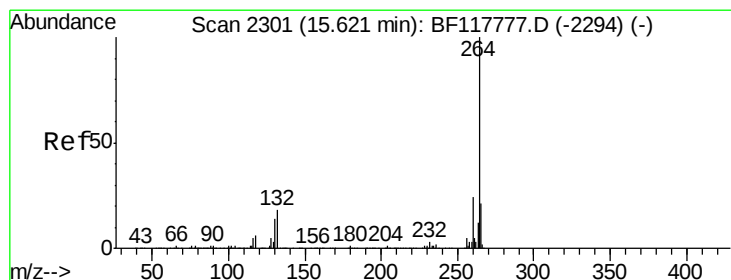
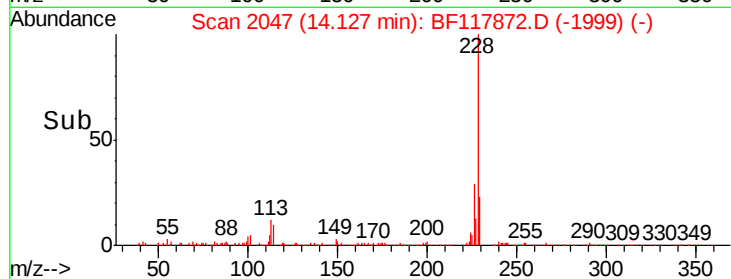
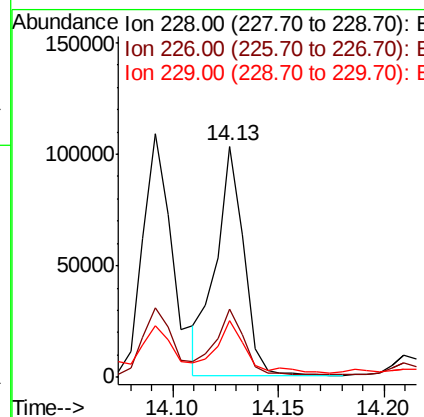
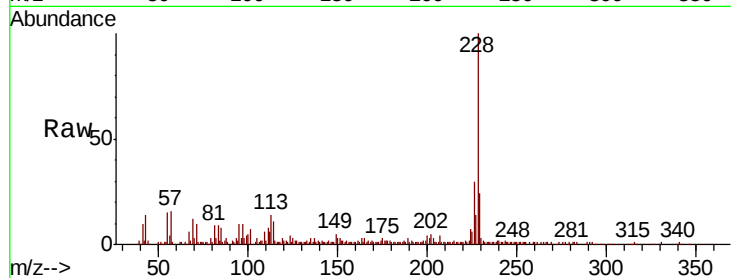
#83
Chrysene
Concen: 3.419 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Instrument :
BNA_F
ClientSampled :
3-(14-16)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.4
229	24.3	16.6	25.0

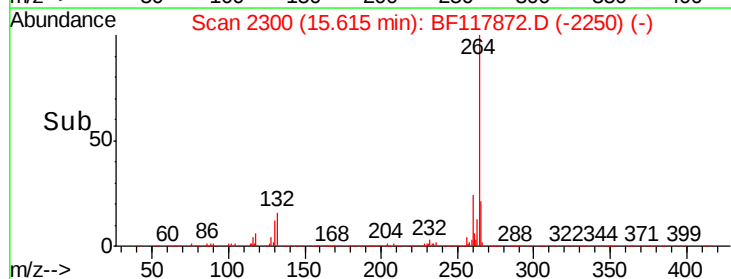
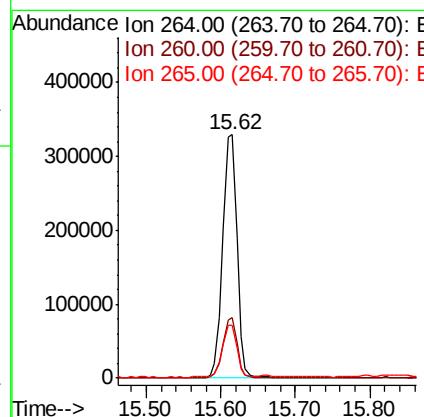
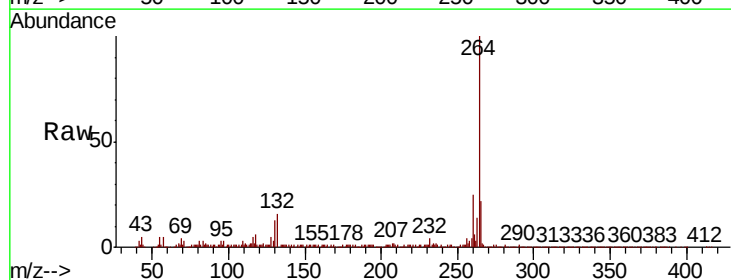
Manual Integrations
APPROVED

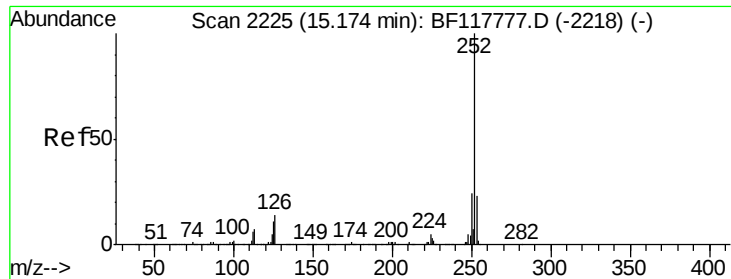
mohammad
11/20/2019 1:49:40 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.8	17.1	25.7





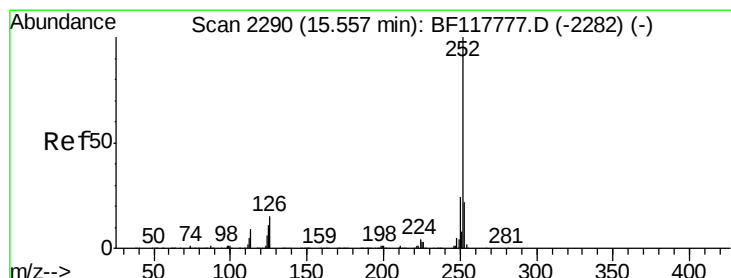
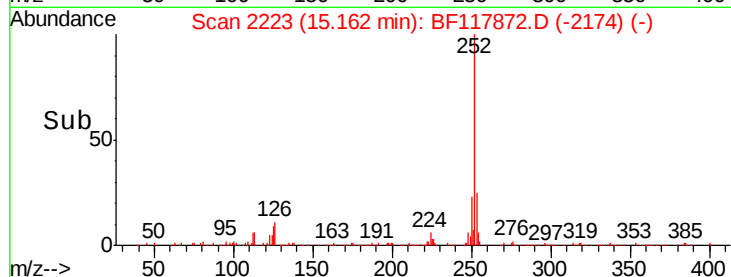
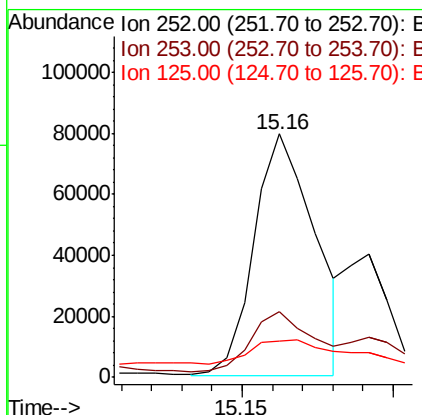
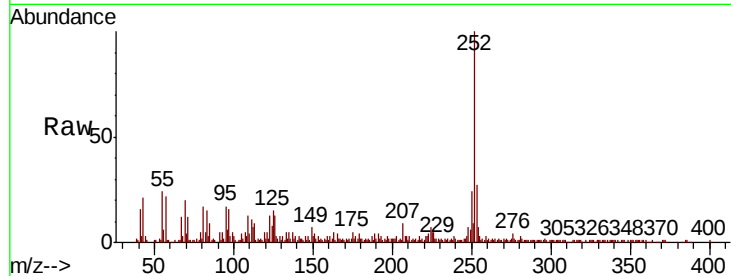
#88
Benzo(b)fluoranthene
Concen: 3.925 ng m
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Instrument :
BNA_F
ClientSampleId :
3-(14-16)

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0
125	15.1	8.6	13.0

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.800 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117872.D
Acq: 19 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	15.9	9.2	13.8

