

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118056.D
 Acq On : 27 Nov 2019 22:19
 Operator : JU
 Sample : K5667-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-112519

Manual Integrations
 APPROVED

mohammad
 11/29/2019 8:54:00 AM

Quant Time: Nov 28 06:39:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132120	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	502408	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	233848	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	368671	20.00	ng	0.00
76) Chrysene-d12	14.08	240	313754	20.00	ng	0.00
87) Perylene-d12	15.59	264	266921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	378521	50.71	ng	0.00
7) Phenol-d6	6.50	99	475430	52.81	ng	-0.02
23) Nitrobenzene-d5	7.45	82	278507	32.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.73	330	114055	46.07	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	563836	43.26	ng	-0.01
79) Terphenyl-d14	13.02	244	531179	30.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.65	163	67730	4.130	ng	Qvalue # 94
71) Phenanthrene	11.45	178	75587	4.078	ng	96
78) Pyrene	12.88	202	113540	4.478	ng	98
81) Benzo(a)anthracene	14.07	228	47508	2.291	ng	95
83) Chrysene	14.10	228	44265	2.203	ng	96
88) Benzo(b)fluoranthene	15.14	252	43851m	2.529	ng	

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

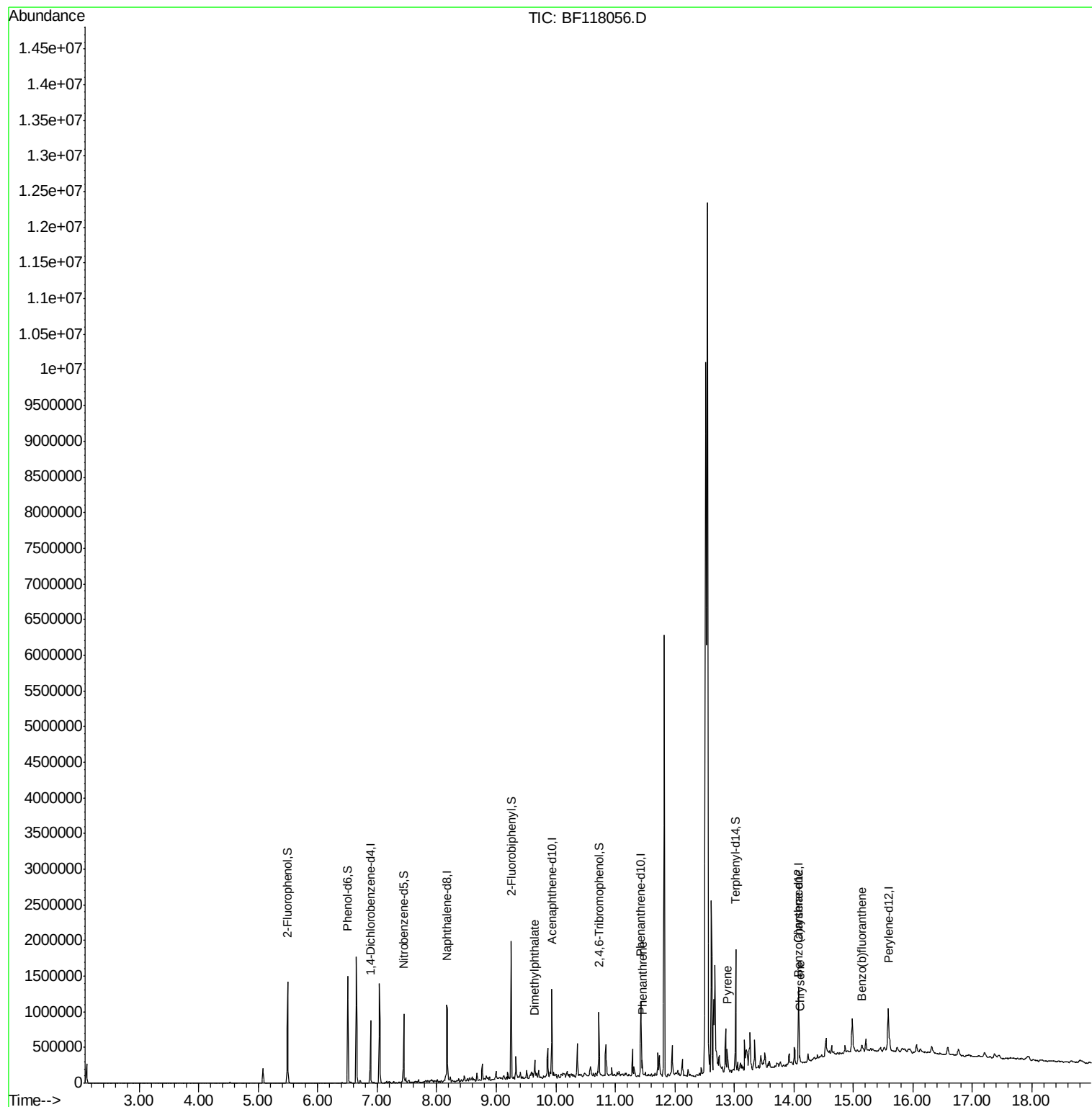
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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ALS Vial : 21 Sample Multiplier: 1

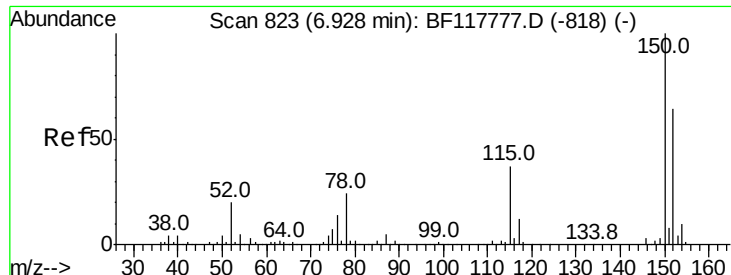
Instrument :
BNA_F
ClientSampleId :
NB-07-112519

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#1

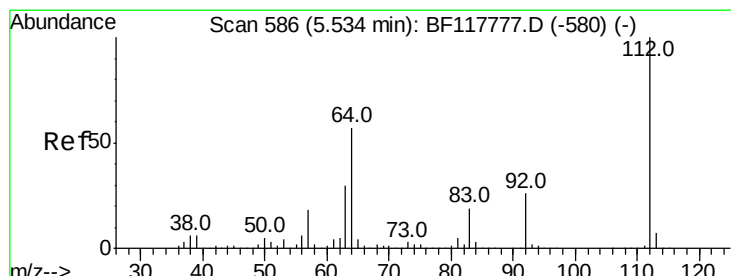
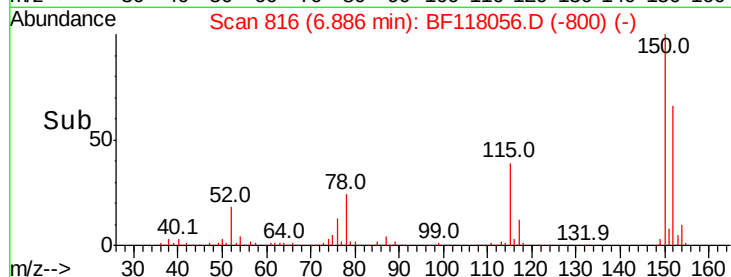
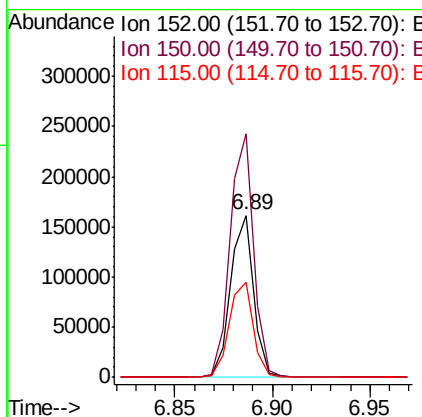
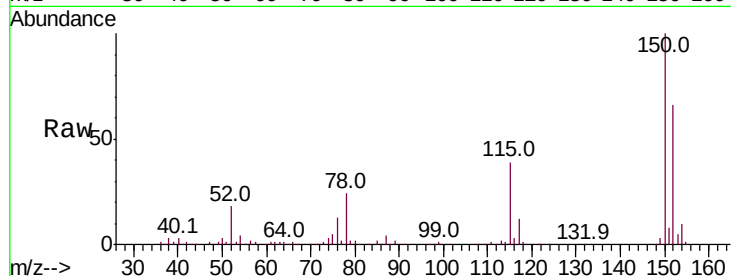
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118056.D
Acq: 27 Nov 2019 22:19

Instrument :
BNA_F
ClientSampleId :
NB-07-112519

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	125.3	187.9
115	58.4	47.0	70.4

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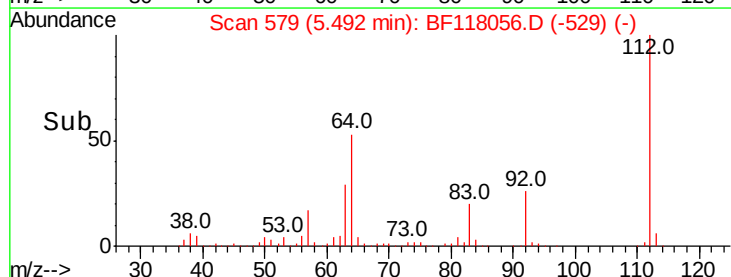
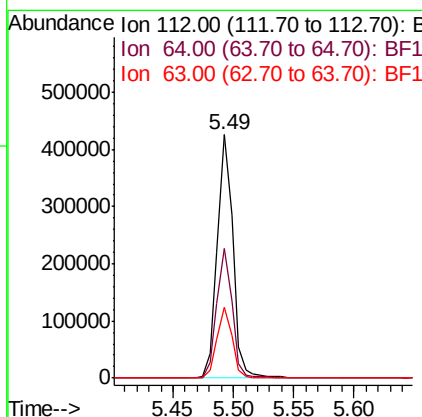
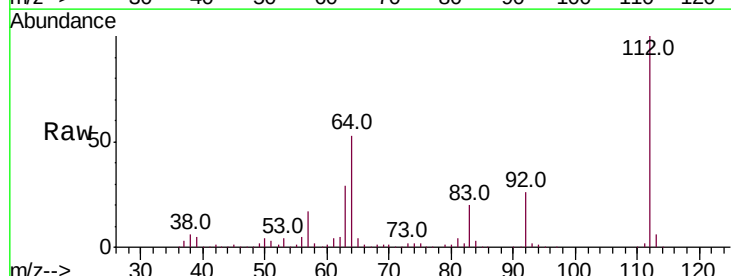
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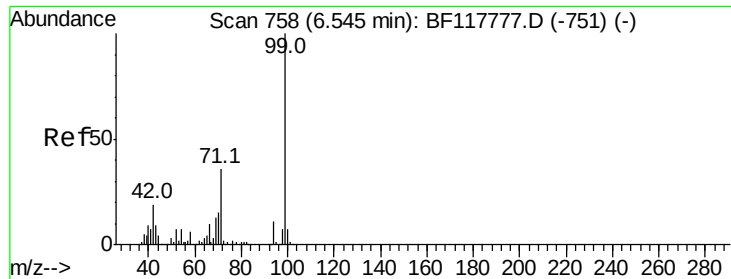


#5

2-Fluorophenol
Concen: 50.713 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF118056.D
Acq: 27 Nov 2019 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	45.6	68.4
63	29.2	24.1	36.1





#7

Phenol-d6

Concen: 52.809 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118056.D

Acq: 27 Nov 2019 22:19

Instrument :

BNA_F

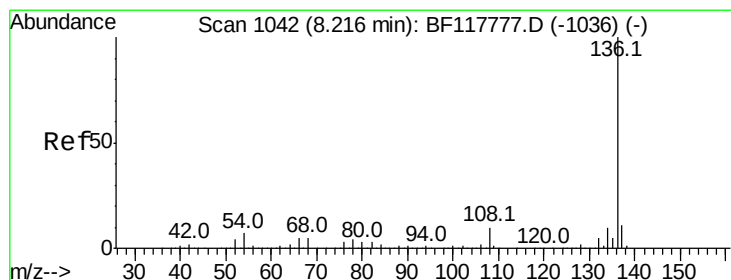
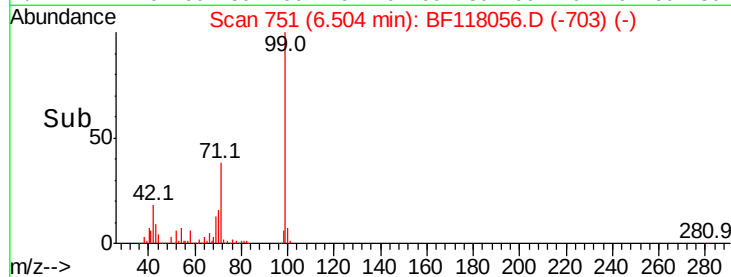
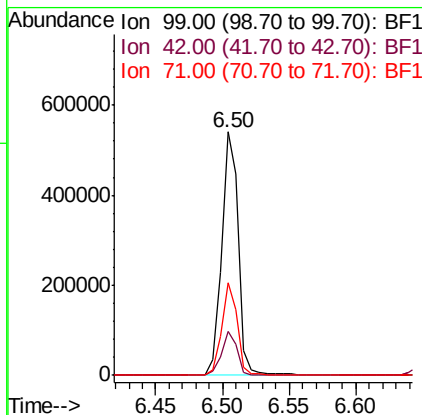
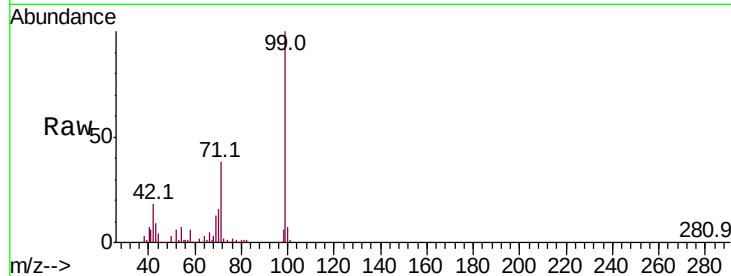
ClientSampleId :

NB-07-112519

Tot Ion:	99	Resp:	475430
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	37.9	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

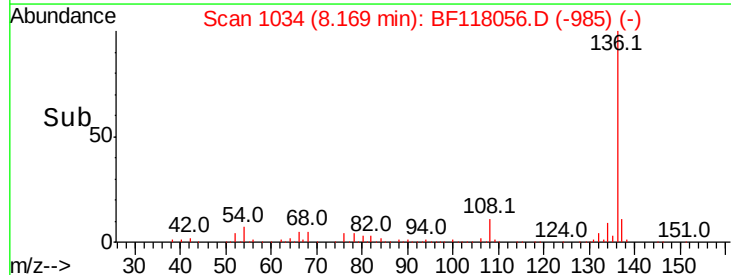
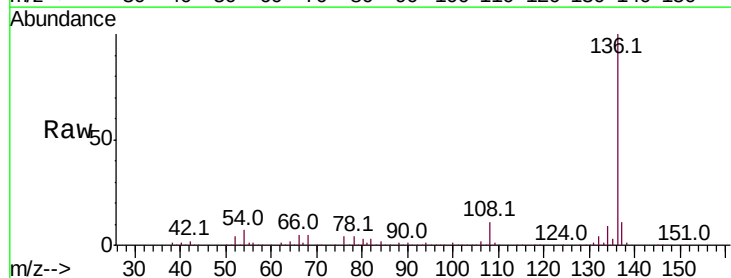
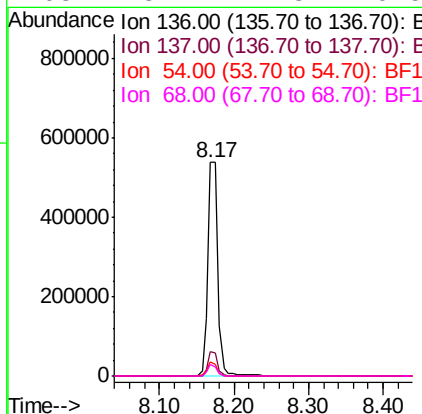
RT: 8.17 min Scan# 1034

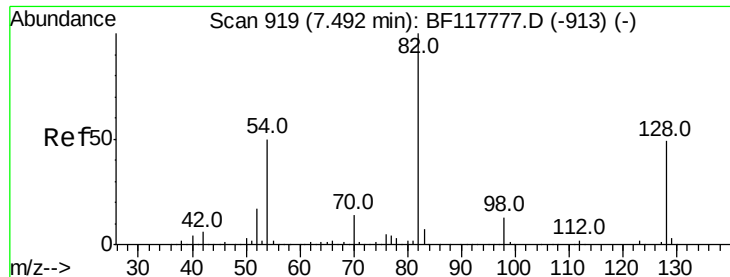
Delta R.T. -0.01 min

Lab File: BF118056.D

Acq: 27 Nov 2019 22:19

Tgt Ion:	136	Resp:	502408
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	5.4	8.2
68	5.1	4.3	6.5





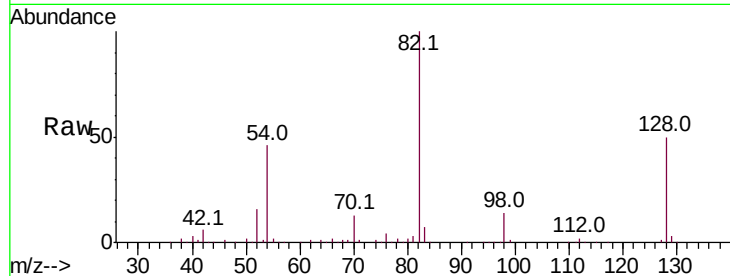
#23
Nitrobenzene-d5
Concen: 32.953 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF118056.D
Acq: 27 Nov 2019 22:19

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100	278507		
128	49.7	38.9	58.3	
54	45.7	39.8	59.6	

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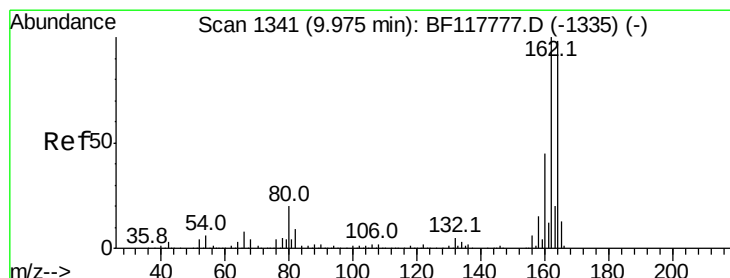
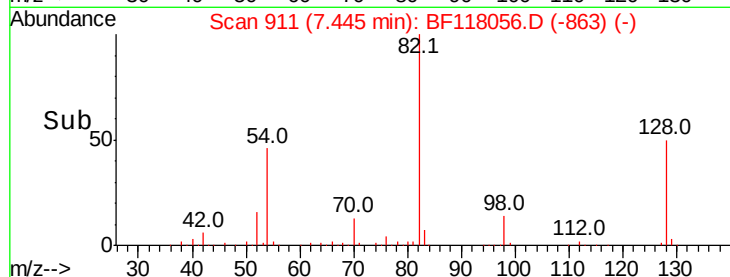
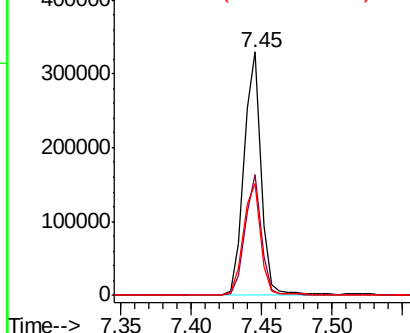


Abundance

Ion 82.00 (81.70 to 82.70): BF1

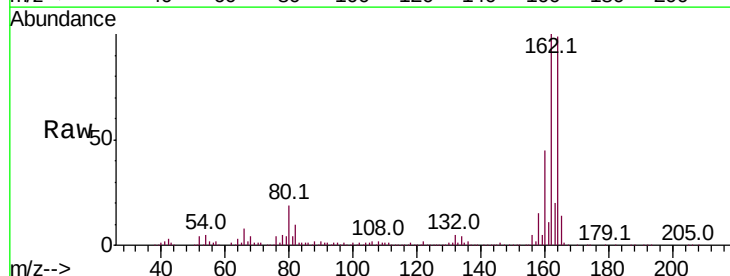
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118056.D
Acq: 27 Nov 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	233848		
162	101.0	81.3	121.9	
160	45.3	36.6	55.0	

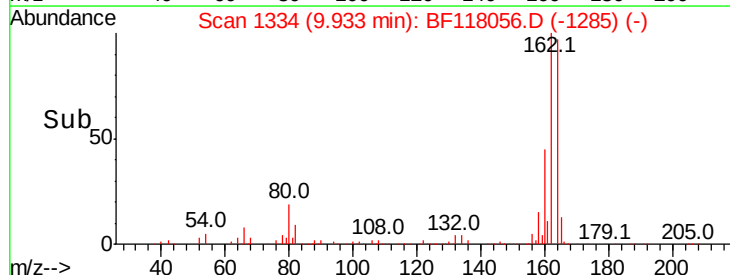
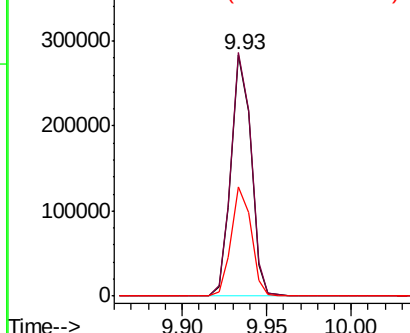


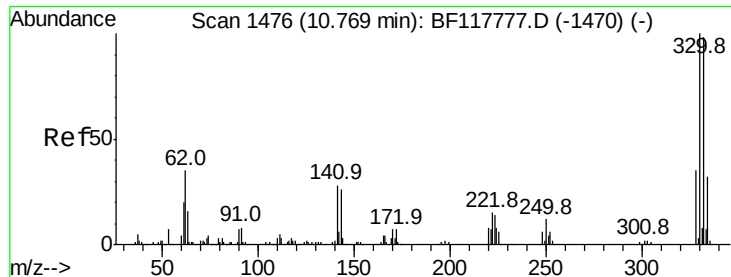
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 46.069 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF118056.D

Acq: 27 Nov 2019 22:19

Instrument :

BNA_F

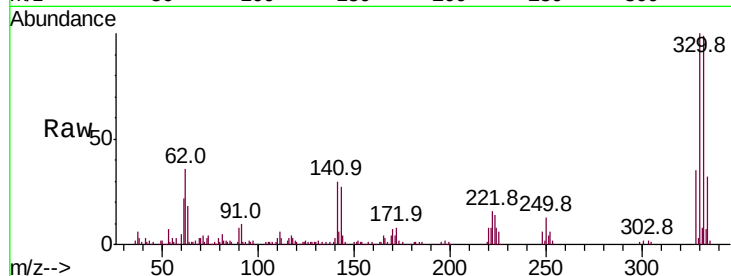
ClientSampleId :

NB-07-112519

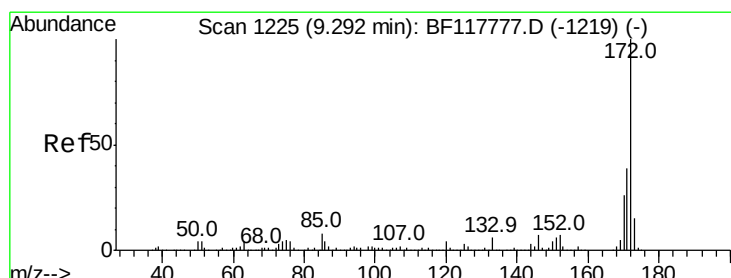
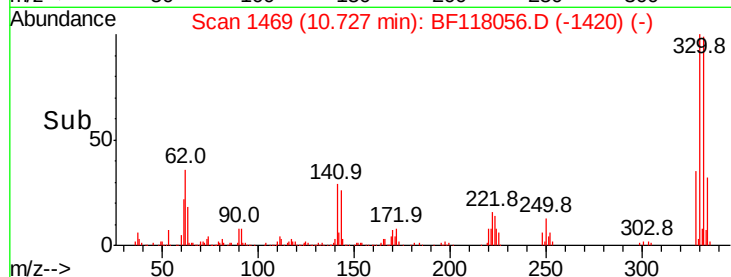
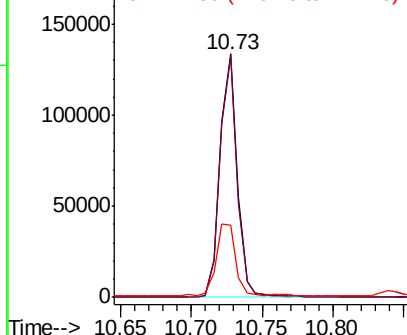
Tot Ion:	330	Resp:	114055
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.7	115.1
141	33.0	27.7	41.5

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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: 43.256 ng

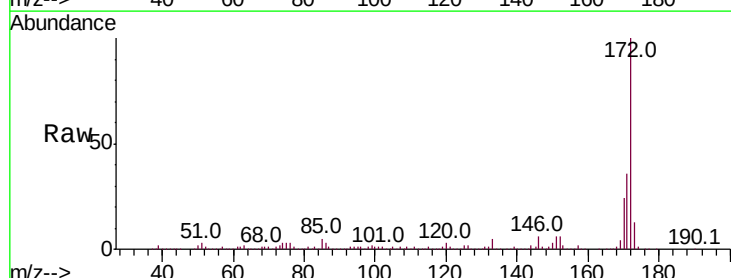
RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

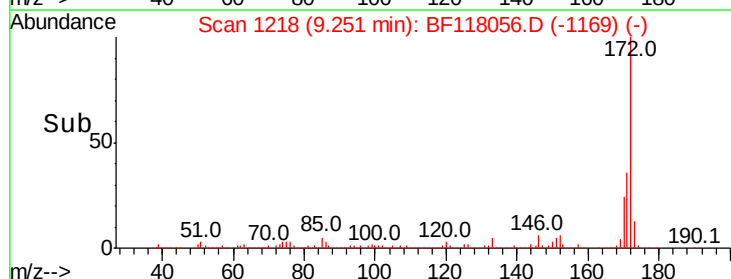
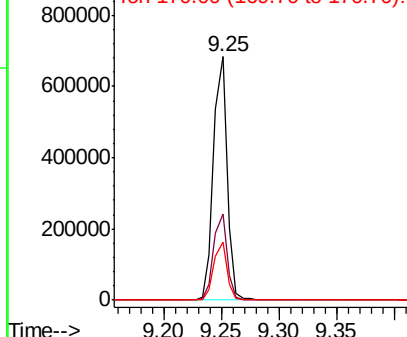
Lab File: BF118056.D

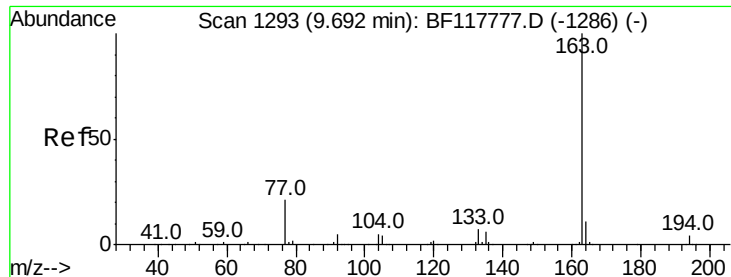
Acq: 27 Nov 2019 22:19

Tgt Ion:	172	Resp:	563836
Ion Ratio	Lower	Upper	
172	100		
171	35.5	30.9	46.3
170	23.7	21.0	31.4



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: 4.130 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF118056.D

Acq: 27 Nov 2019 22:19

Instrument :

BNA_F

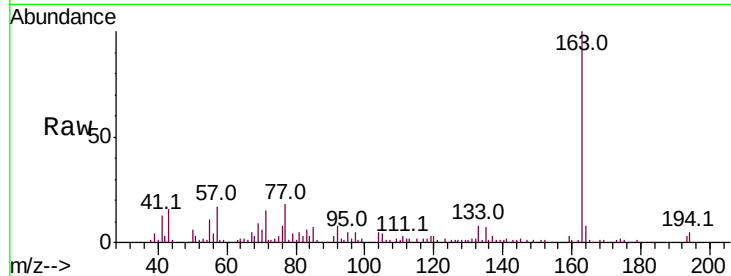
ClientSampleId :

NB-07-112519

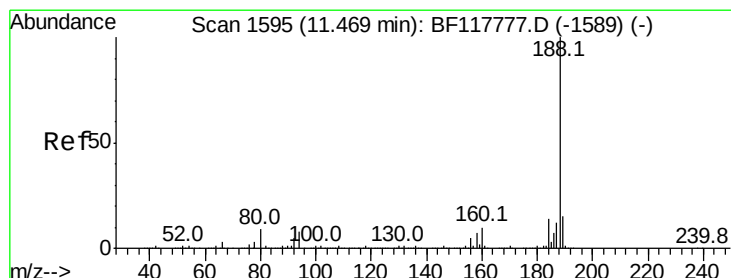
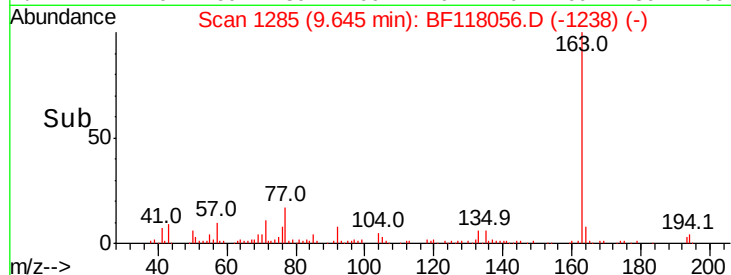
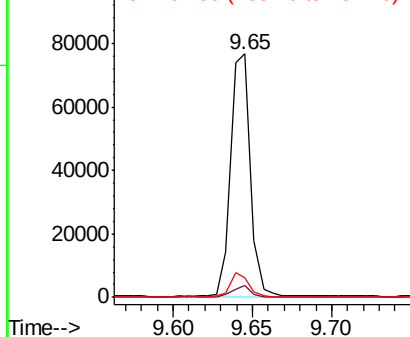
Tot Ion:	163	Resp:	67730
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.3	4.9
164	8.1	8.7	13.1#

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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

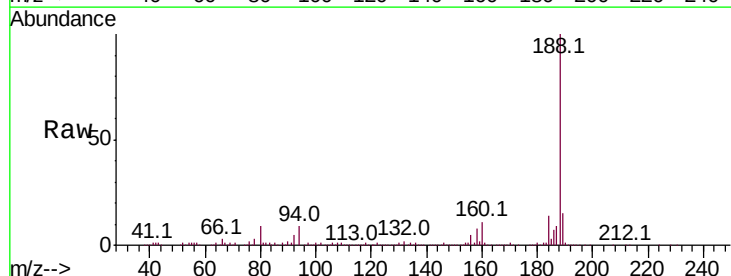
RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

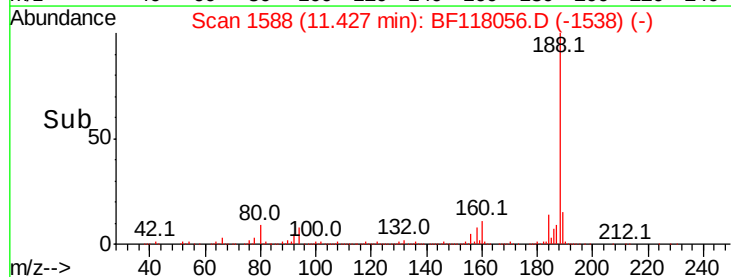
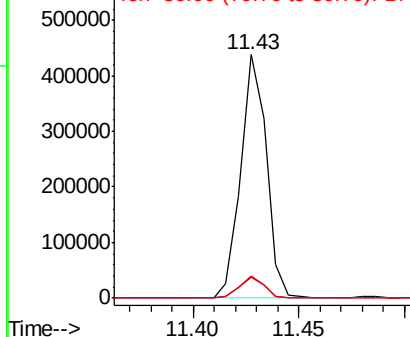
Lab File: BF118056.D

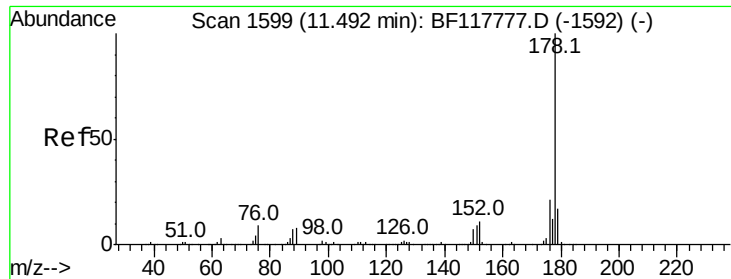
Acq: 27 Nov 2019 22:19

Tgt Ion:	188	Resp:	368671
Ion Ratio	Lower	Upper	
188	100		
94	8.6	6.6	10.0
80	9.4	7.2	10.8



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: 4.078 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF118056.D

Acq: 27 Nov 2019 22:19

Instrument :

BNA_F

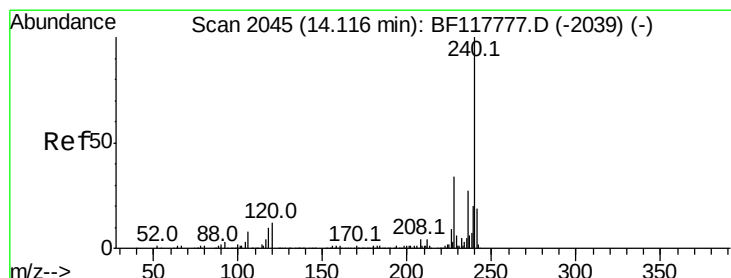
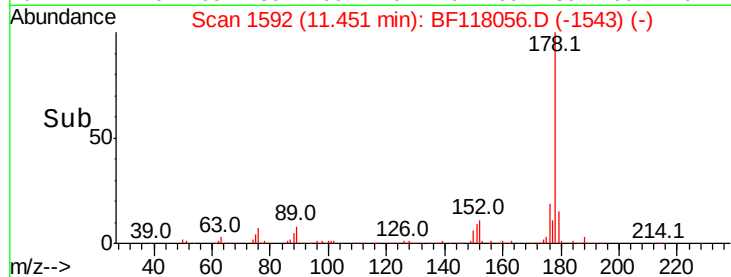
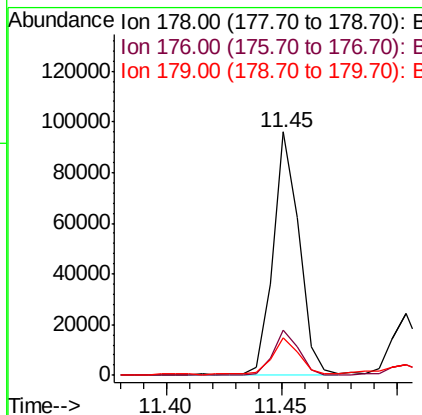
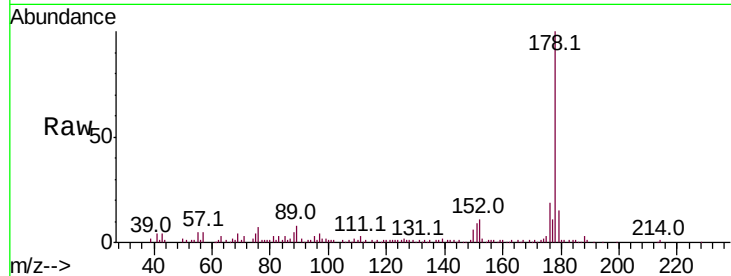
ClientSampleId :

NB-07-112519

Tot Ion:	178	Resp:	75587
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.6	25.0
179	15.4	13.2	19.8

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#76

Chrysene-d12

Concen: 20.000 ng

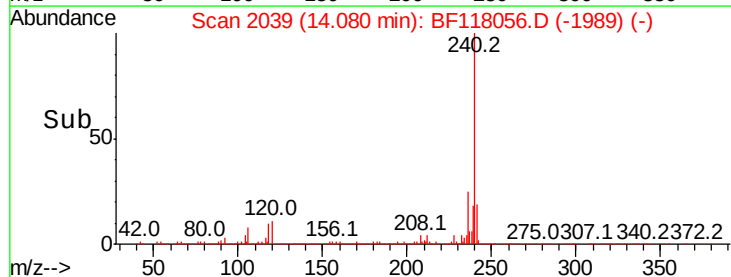
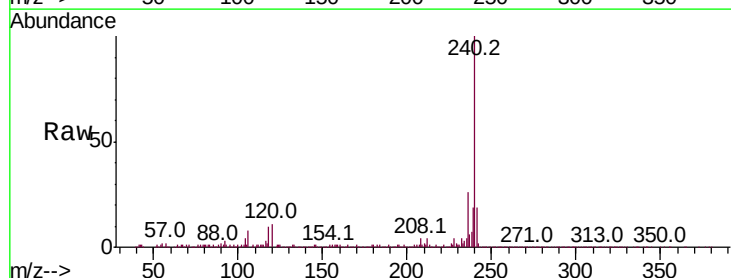
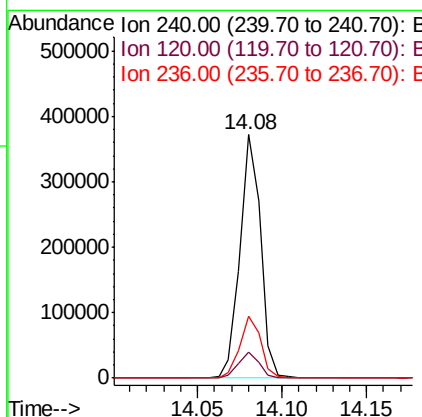
RT: 14.08 min Scan# 2039

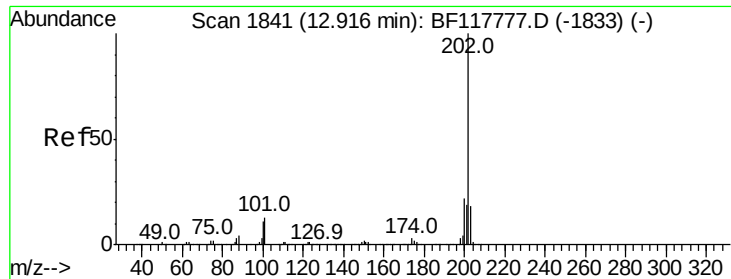
Delta R.T. -0.01 min

Lab File: BF118056.D

Acq: 27 Nov 2019 22:19

Tgt Ion:	240	Resp:	313754
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	25.7	21.3	31.9





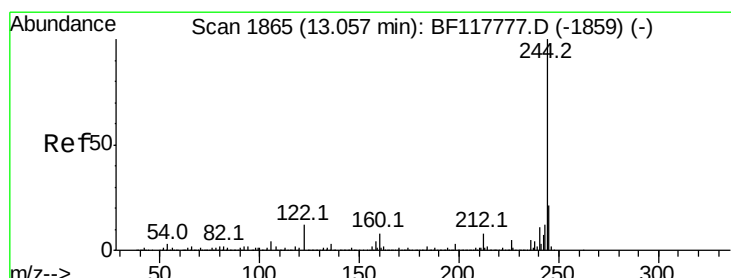
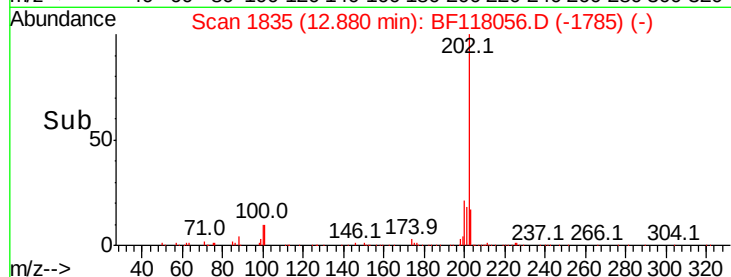
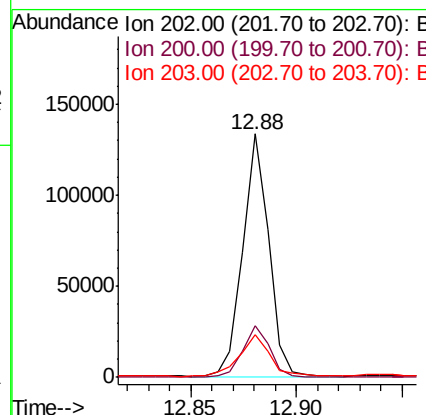
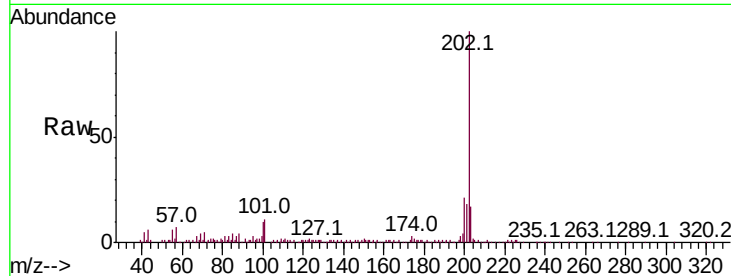
#78
Pvrene
Concen: 4.478 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF118056.D
Acq: 27 Nov 2019 22:19

Instrument :
BNA_F
ClientSampleId :
NB-07-112519

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

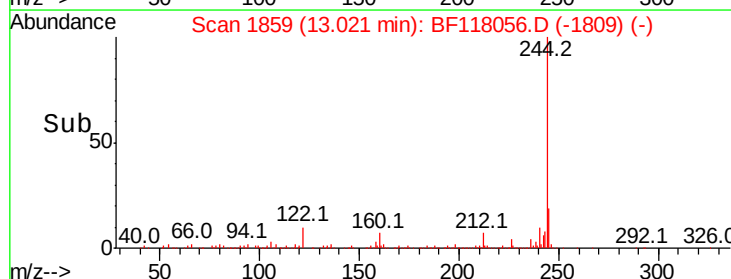
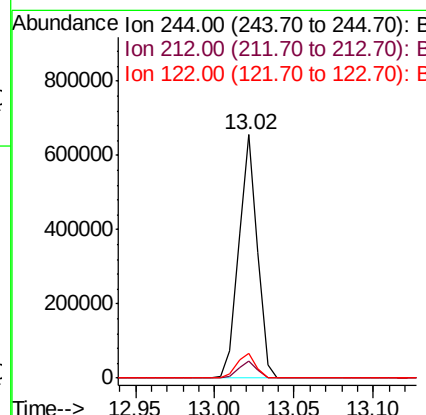
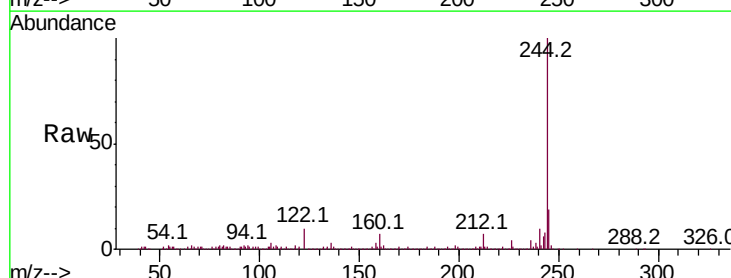
Manual Integrations
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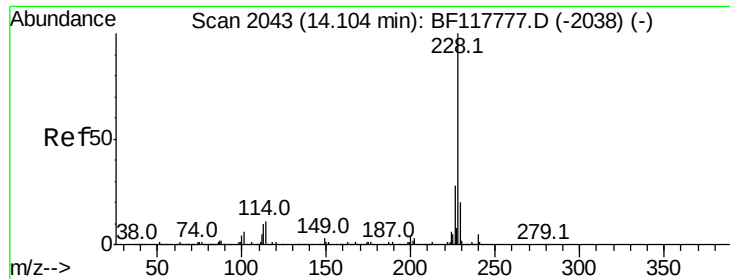
mohammad
11/29/2019 8:54:00 AM



#79
Terphenyl-d14
Concen: 30.941 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF118056.D
Acq: 27 Nov 2019 22:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	10.4	9.4	14.2





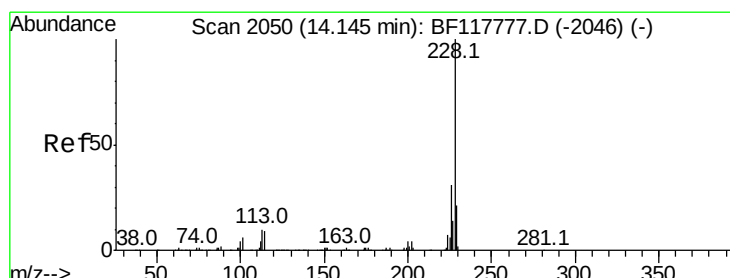
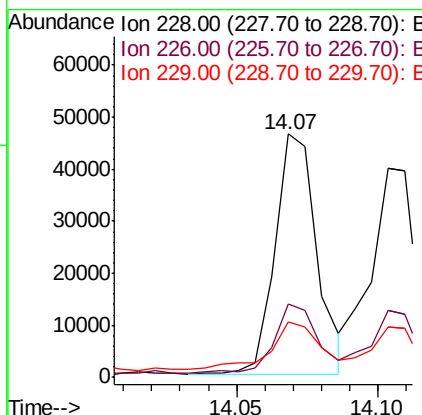
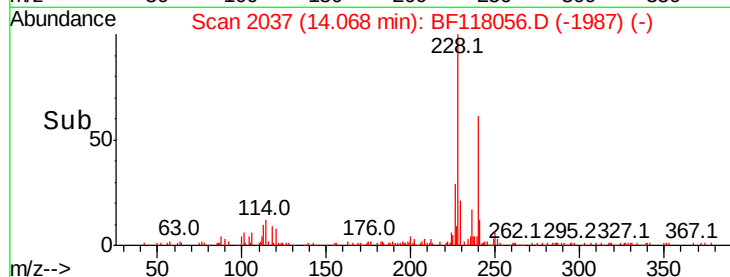
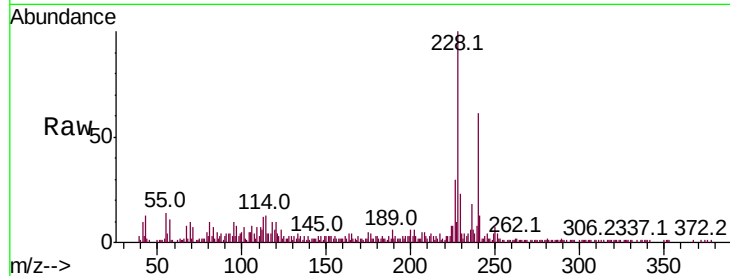
#81
Benzo(a)anthracene
Concen: 2.291 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118056.D
Acq: 27 Nov 2019 22:19

Instrument :
BNA_F
ClientSampleId :
NB-07-112519

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.2	33.2
229	23.0	15.9	23.9

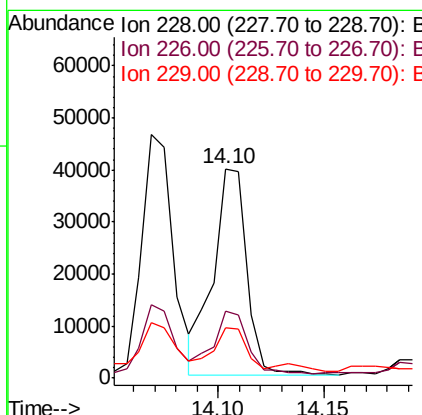
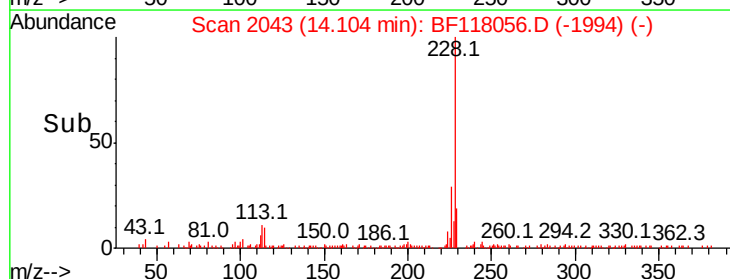
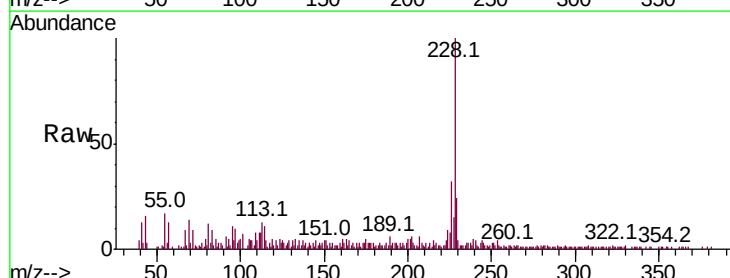
Manual Integrations
APPROVED

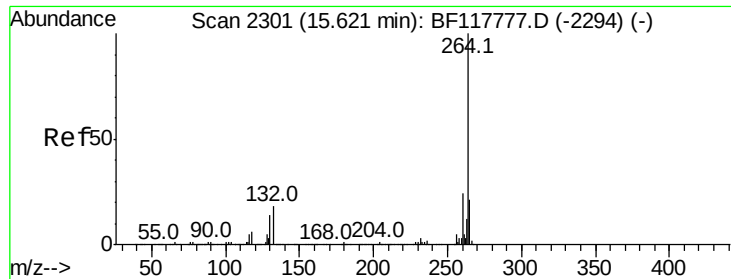
mohammad
11/29/2019 8:54:00 AM



#83
Chrysene
Concen: 2.203 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF118056.D
Acq: 27 Nov 2019 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.4
229	24.3	16.6	25.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF118056.D

Acq: 27 Nov 2019 22:19

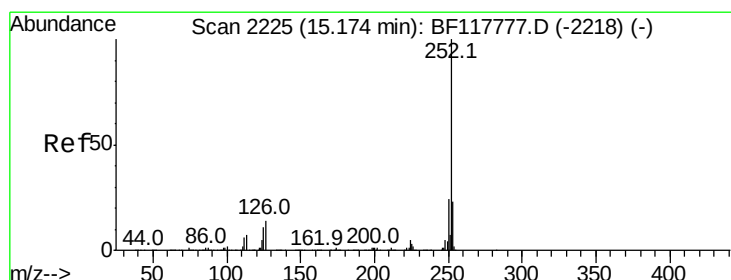
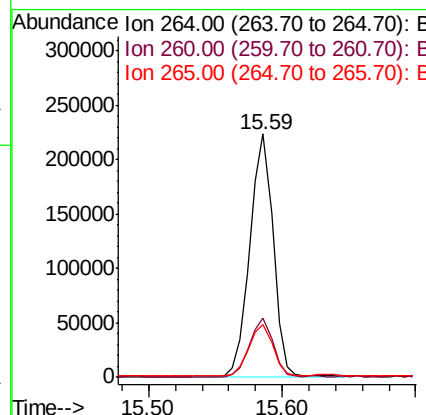
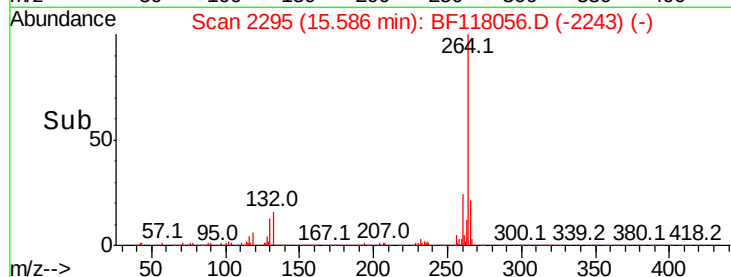
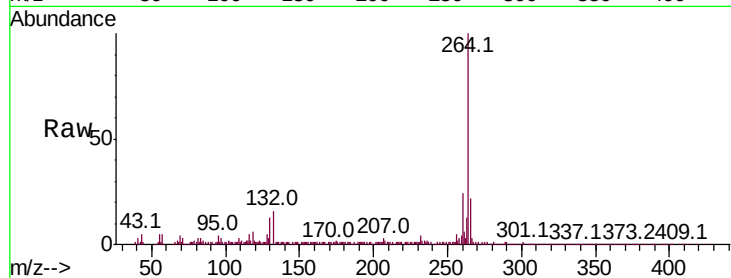
Instrument :
BNA_F

ClientSampleId :
NB-07-112519

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.5	17.1	25.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.529 ng m

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF118056.D

Acq: 27 Nov 2019 22:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.0	27.0#
125	18.1	8.6	13.0#

