

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117917.D
 Acq On : 21 Nov 2019 17:27
 Operator : JU
 Sample : K5904-18RX
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 14-(0-2)RX

Manual Integrations
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Quant Time: Nov 22 00:42:02 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	150563	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	596793	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	307419	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	541586	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	386429	20.00	ng	-0.01
87) Perylene-d12	15.62	264	472264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	247916	29.15	ng	-0.01
7) Phenol-d6	6.53	99	911745	88.87	ng	-0.01
23) Nitrobenzene-d5	7.47	82	633343	63.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	43894	13.49	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1113602	64.99	ng	-0.01
79) Terphenyl-d14	13.04	244	1269533	60.04	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.67	163	238419	11.060	ng	98
78) Pyrene	12.90	202	125653	4.024	ng	98
81) Benzo(a)anthracene	14.09	228	55286	2.165	ng	98
83) Chrysene	14.13	228	56781	2.295	ng	98
84) Bis(2-ethylhexyl)phthalate	14.08	149	34720	2.135	ng	# 98
88) Benzo(b)fluoranthene	15.16	252	72847m	2.374	ng	

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

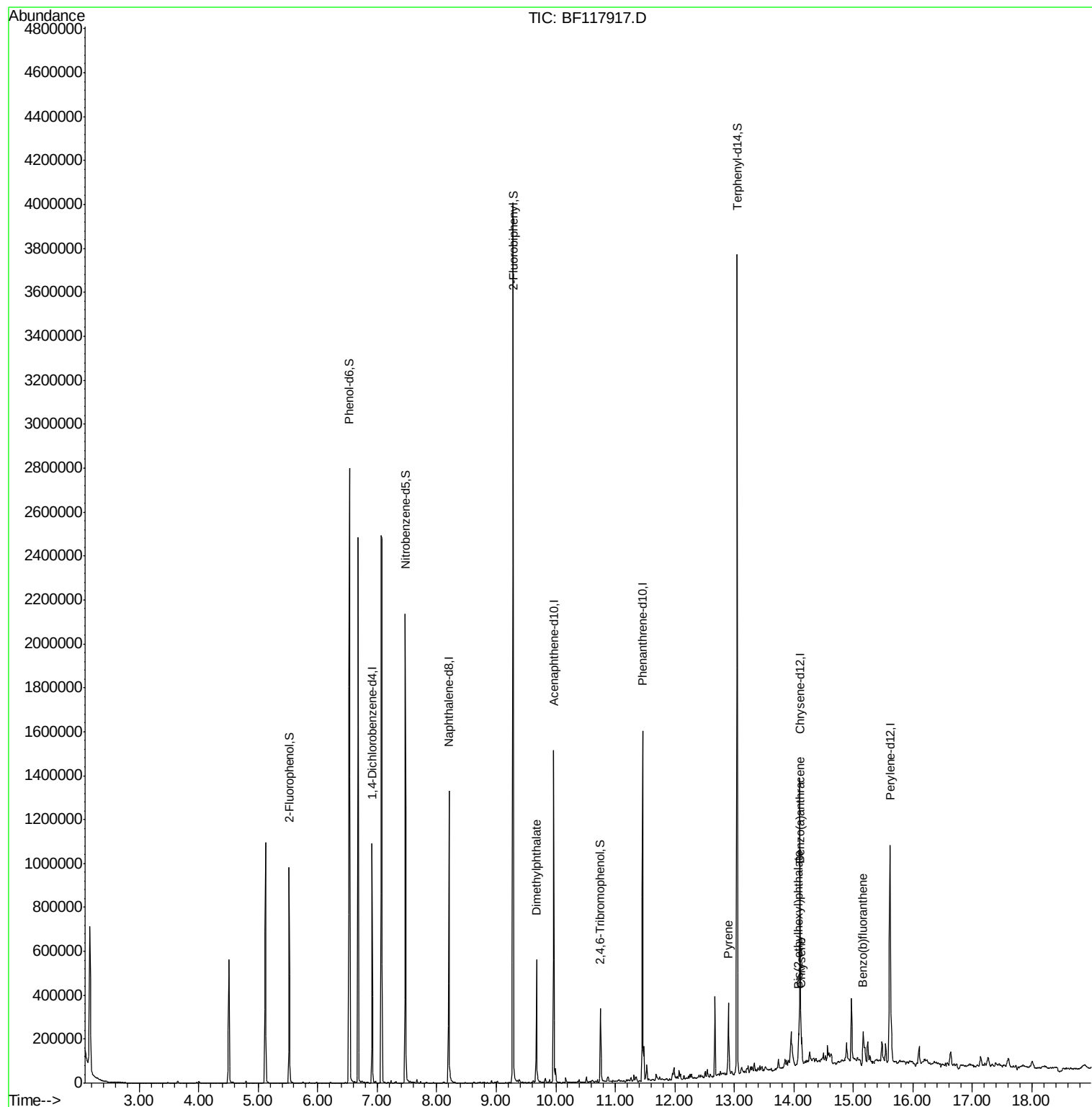
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117917.D
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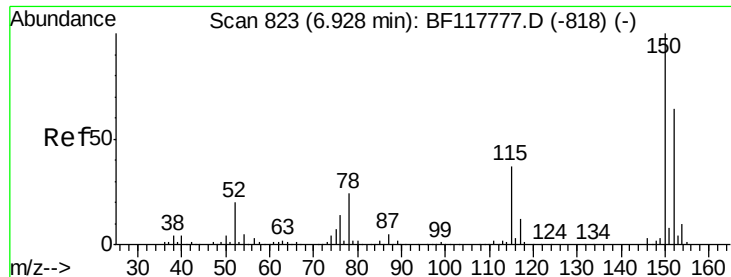
Instrument :
BNA_F
ClientSampleId :
14-(0-2)RX

Quant Time: Nov 22 00:42:02 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

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#1

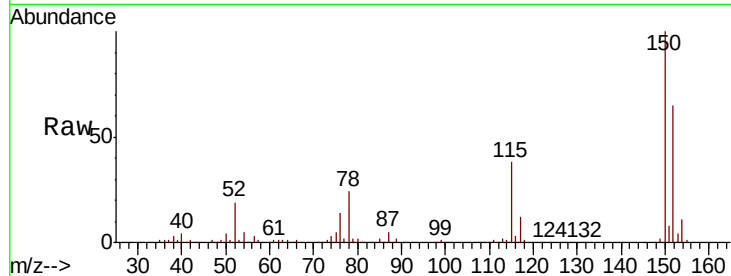
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Instrument :
BNA_F
ClientSampleId :
14-(0-2)RX

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.3	187.9
115	59.3	47.0	70.4

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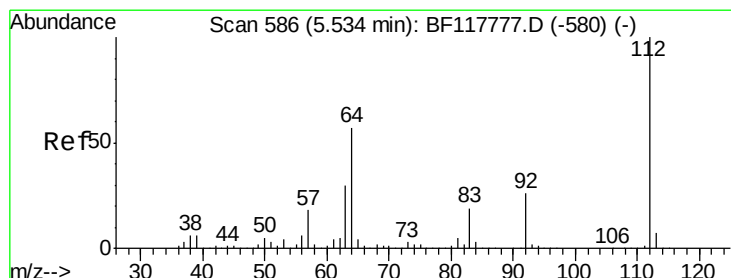
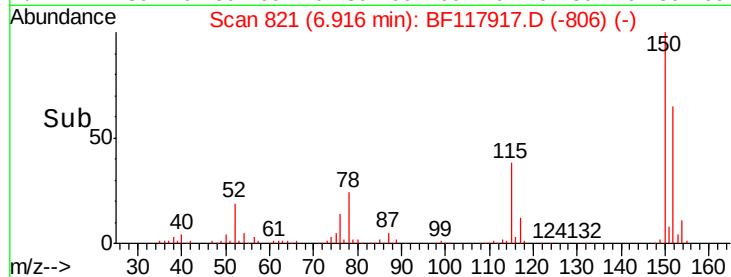
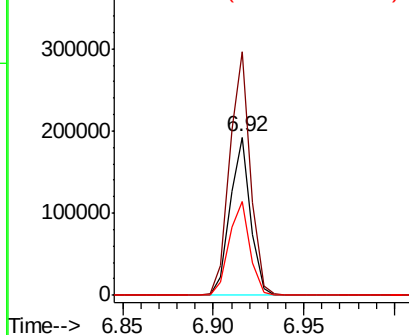


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

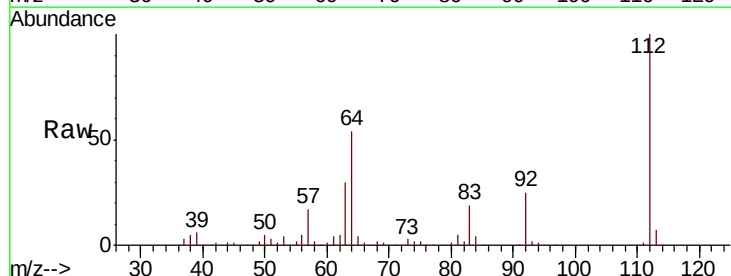
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 29.146 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.6	68.4
63	30.3	24.1	36.1

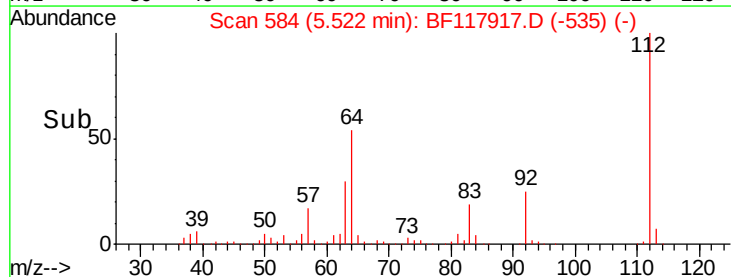
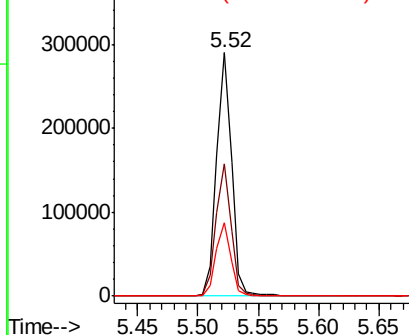


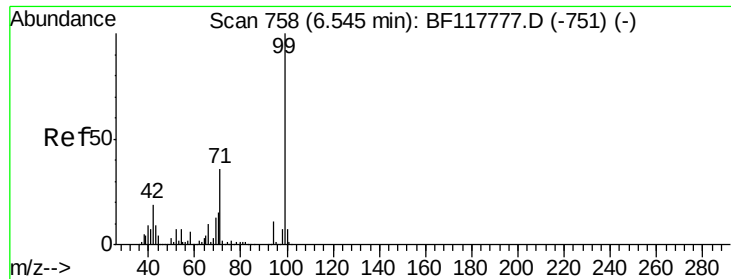
Abundance

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: 88.869 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117917.D

Acq: 21 Nov 2019 17:27

Instrument :

BNA_F

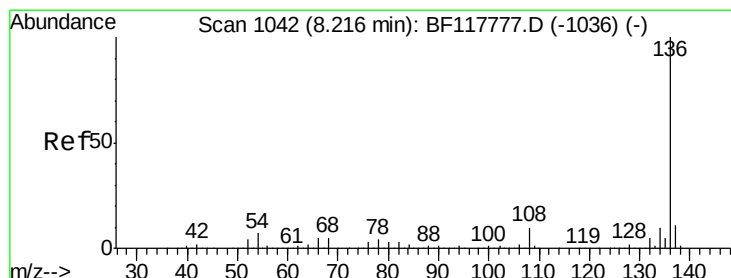
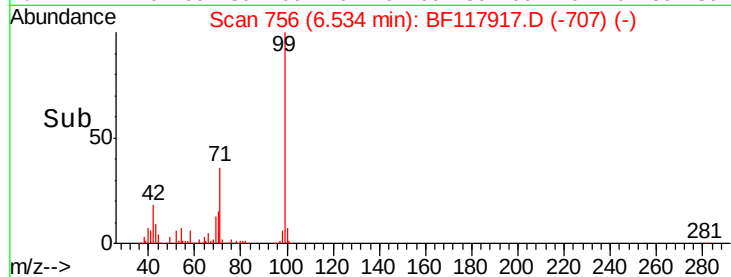
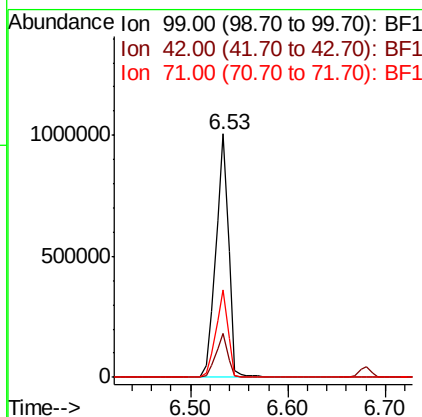
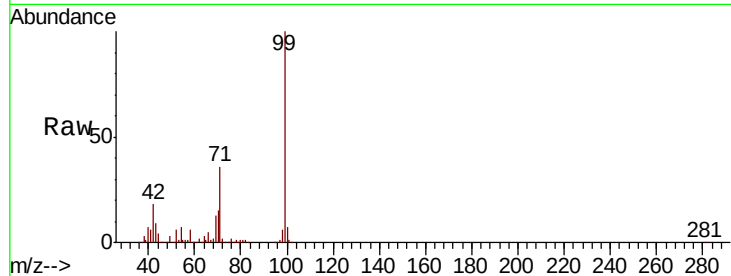
ClientSampleId :

14-(0-2)RX

Tot Ion:	99	Resp:	911745
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.9	22.3
71	35.8	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

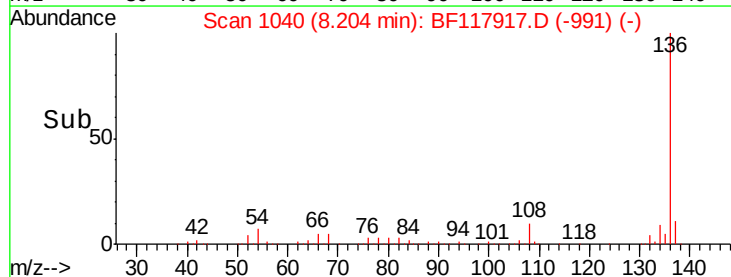
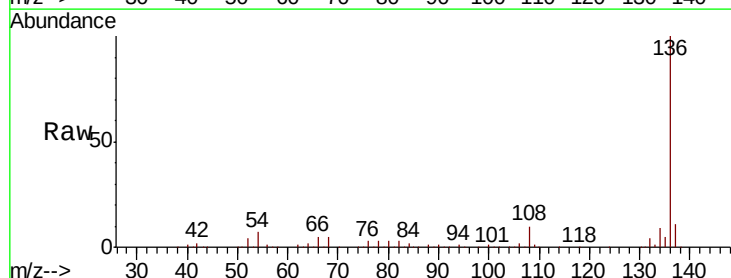
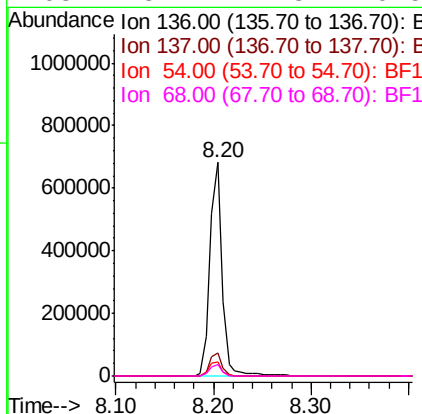
RT: 8.20 min Scan# 1040

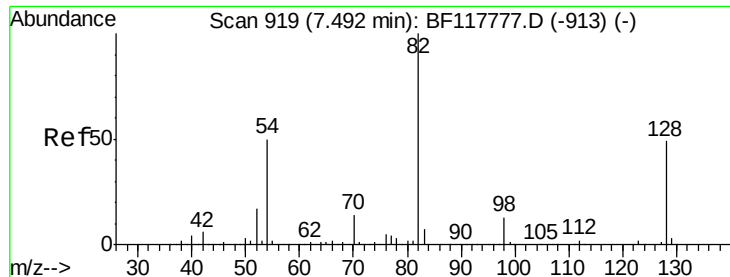
Delta R.T. -0.01 min

Lab File: BF117917.D

Acq: 21 Nov 2019 17:27

Tgt Ion:	136	Resp:	596793
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.0	13.4
54	6.7	5.4	8.2
68	5.2	4.3	6.5





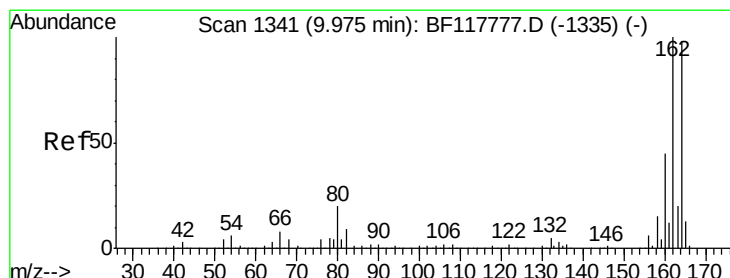
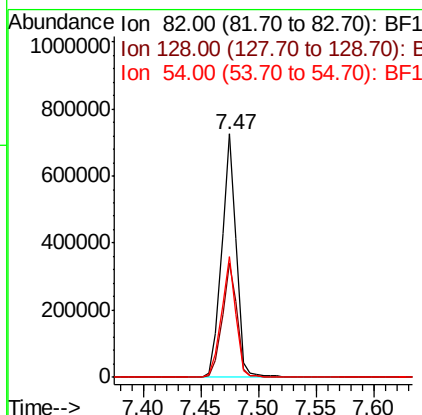
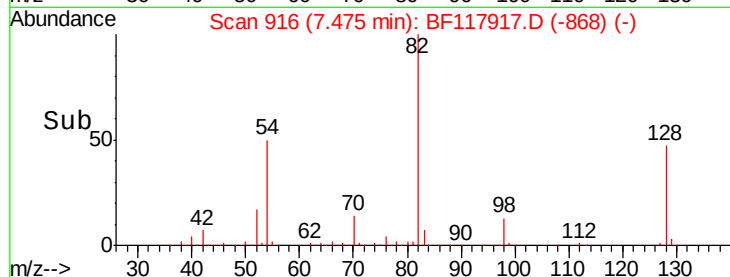
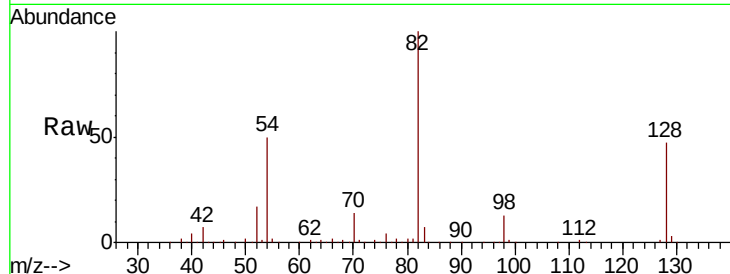
#23
Nitrobenzene-d5
Concen: 63.087 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Instrument :
BNA_F
ClientSampled :
14-(0-2)RX

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	38.9	58.3
54	49.7	39.8	59.6

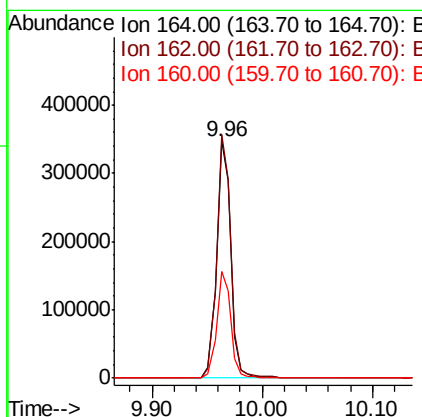
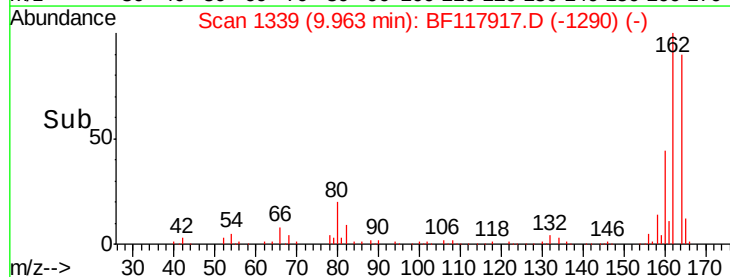
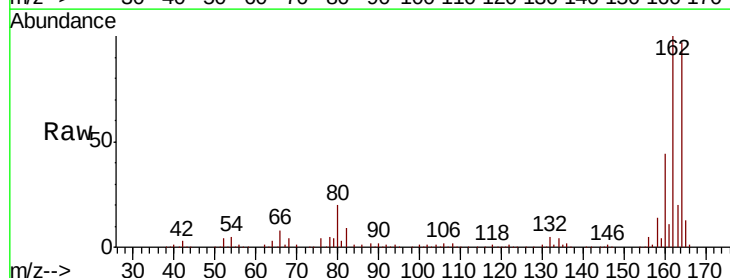
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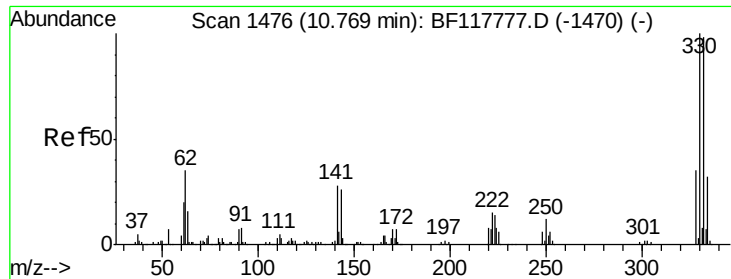
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.3	121.9
160	45.0	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 13.487 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117917.D

Acq: 21 Nov 2019 17:27

Instrument :

BNA_F

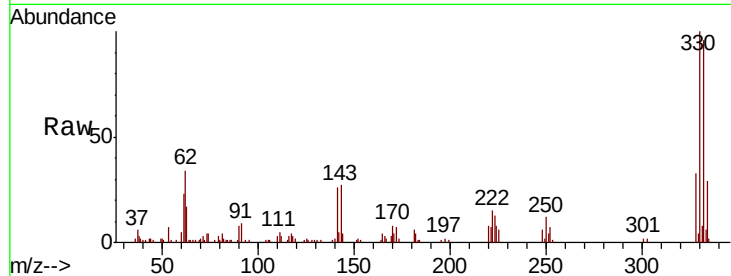
ClientSampleId :

14-(0-2)RX

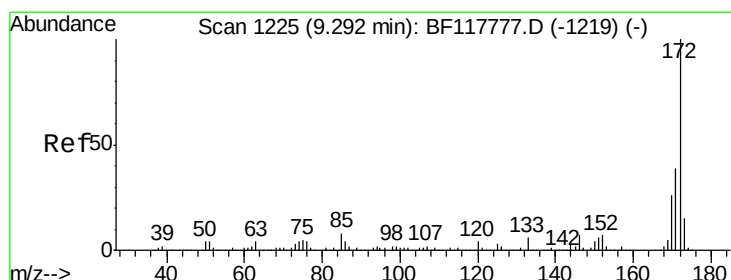
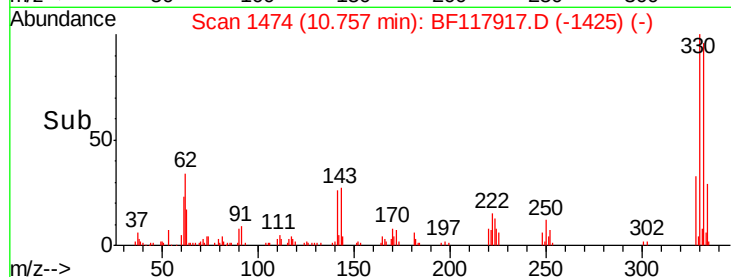
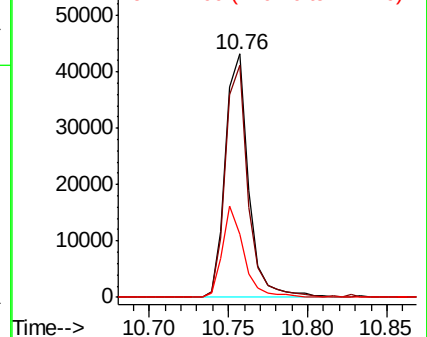
Tot Ion:	330	Resp:	43894
Ion Ratio	Lower	Upper	
330	100		
332	93.6	76.7	115.1
141	34.7	27.7	41.5

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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: 64.988 ng

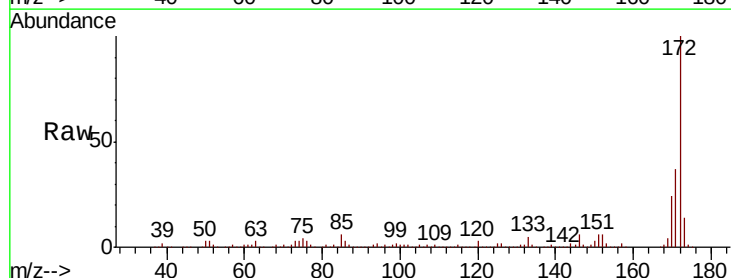
RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

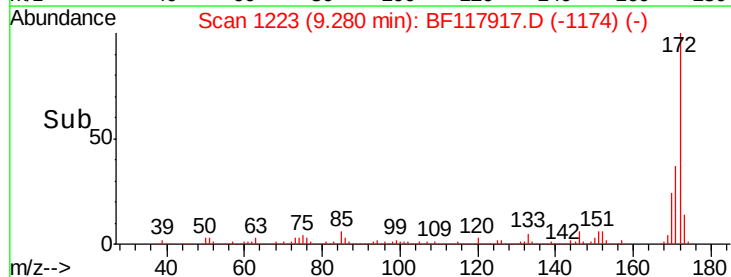
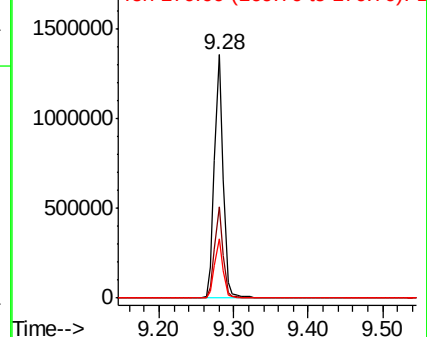
Lab File: BF117917.D

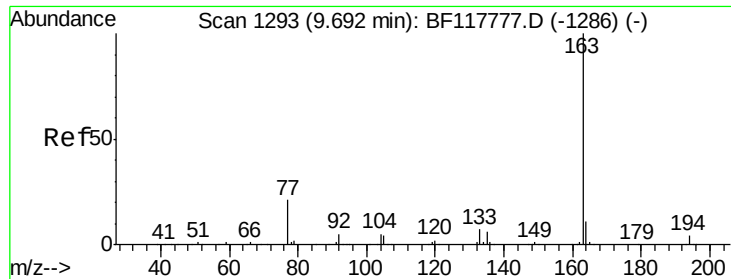
Acq: 21 Nov 2019 17:27

Tgt Ion:	172	Resp:	1113602
Ion Ratio	Lower	Upper	
172	100		
171	37.3	30.9	46.3
170	24.5	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





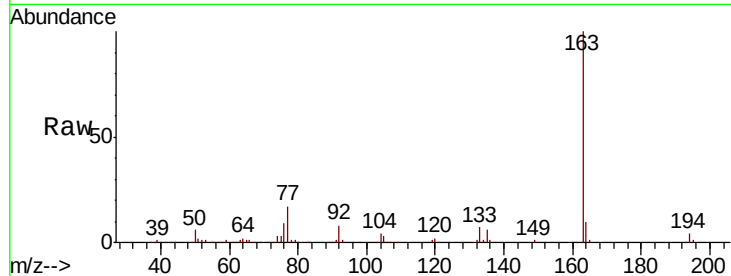
#50
Dimethylphthalate
Concen: 11.060 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Instrument :
BNA_F
ClientSampleId :
14-(0-2)RX

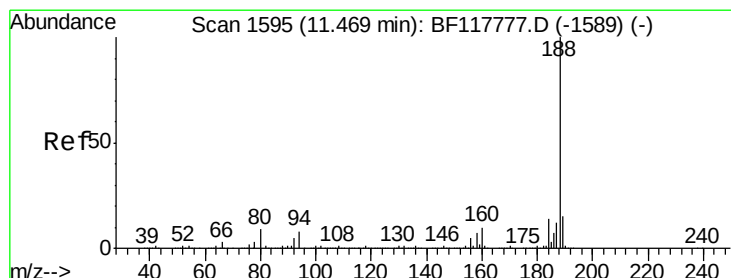
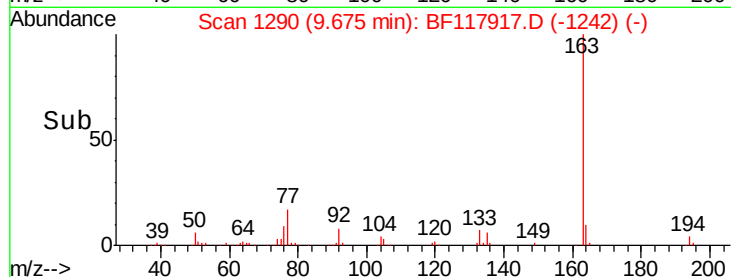
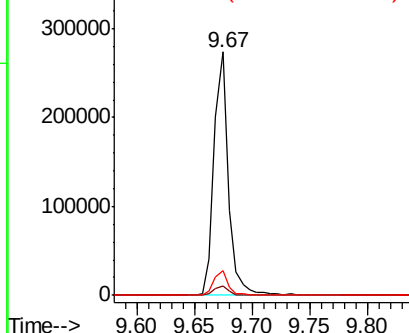
Tot Ion	Ratio	Resp	Lower	Upper
163	100	238419		
194	4.1	3.3	4.9	
164	10.0	8.7	13.1	

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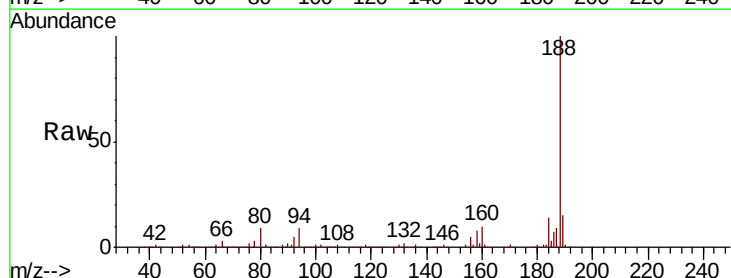


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

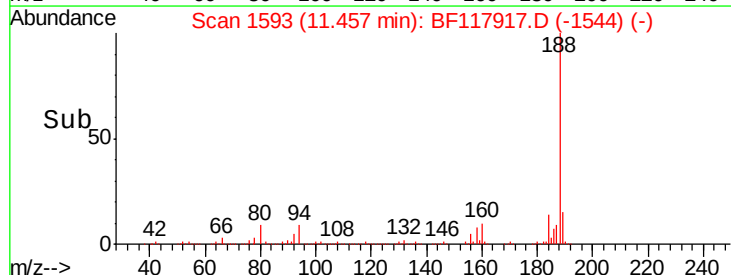
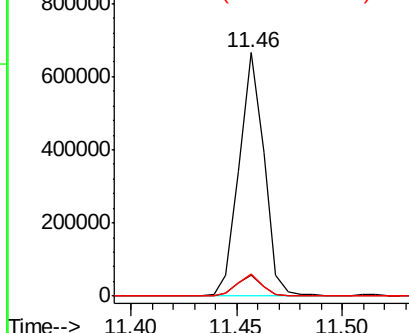


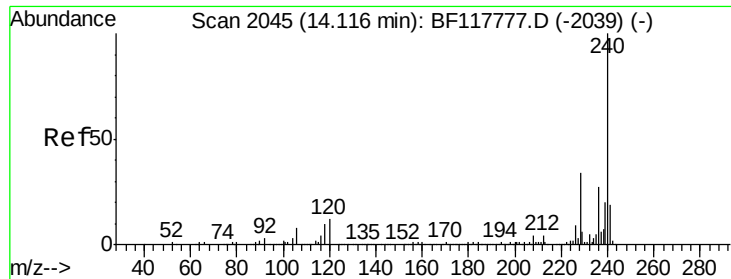
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	541586		
94	8.7	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





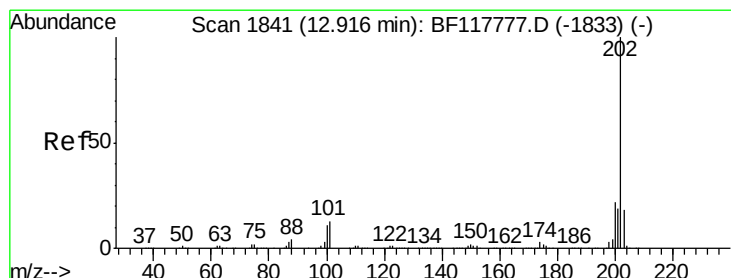
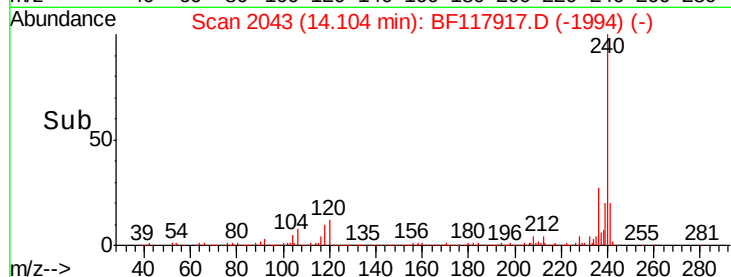
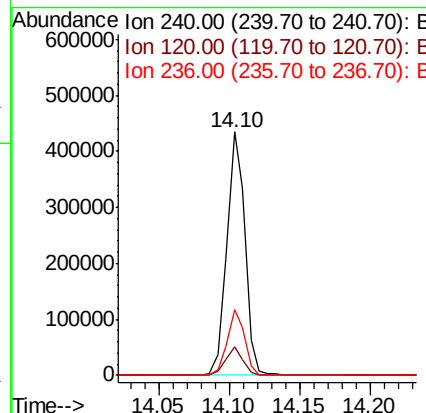
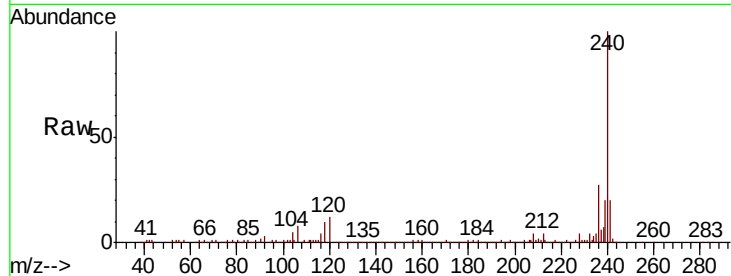
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Instrument :
BNA_F
ClientSampleId :
14-(0-2)RX

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.8	21.3	31.9

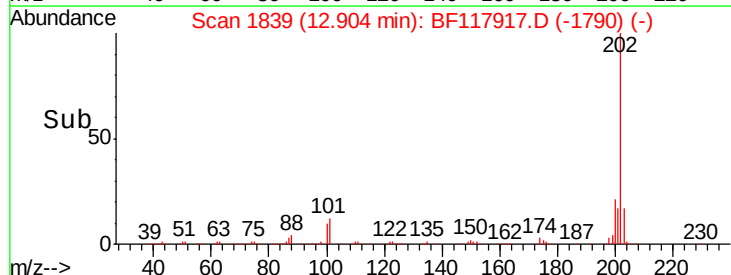
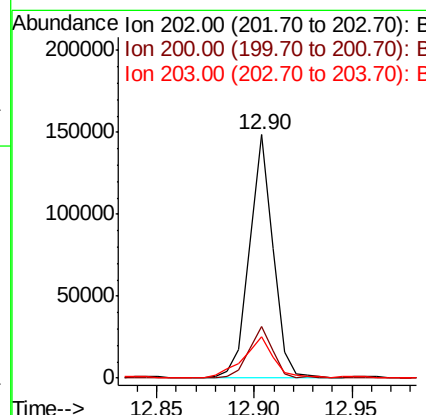
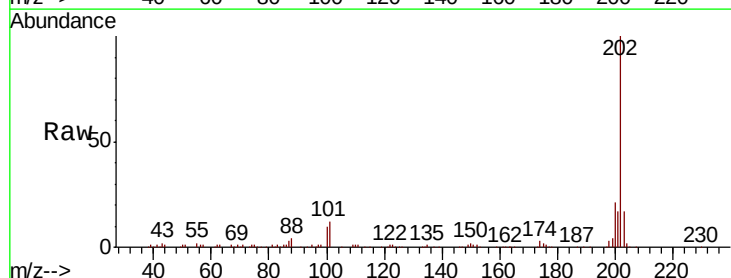
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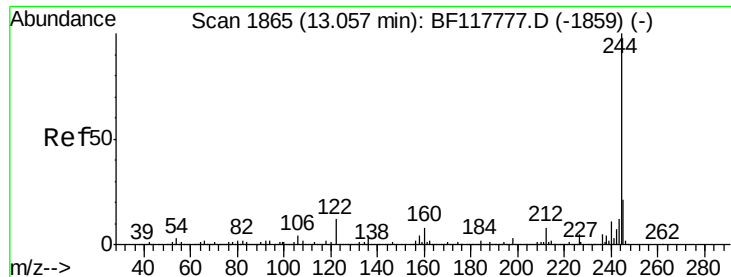
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#78
Pyrene
Concen: 4.024 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.8
203	17.3	14.6	22.0





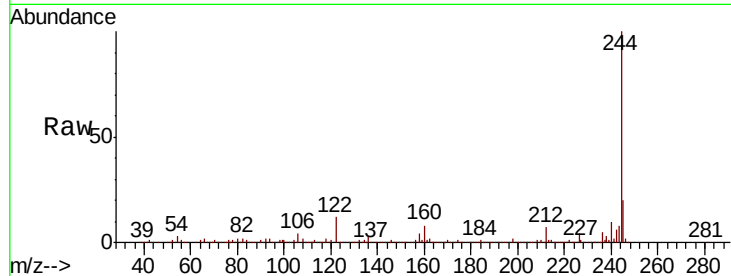
#79
 Terphenyl-d14
 Concen: 60.042 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF117917.D
 Acq: 21 Nov 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 14-(0-2)RX

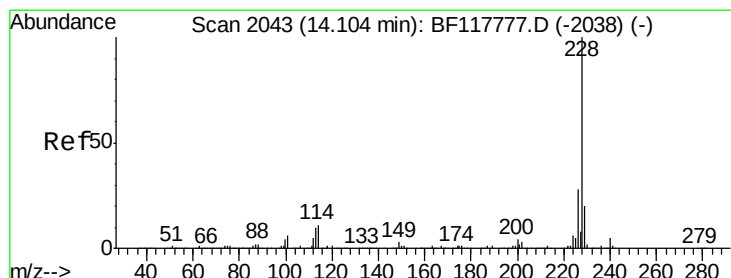
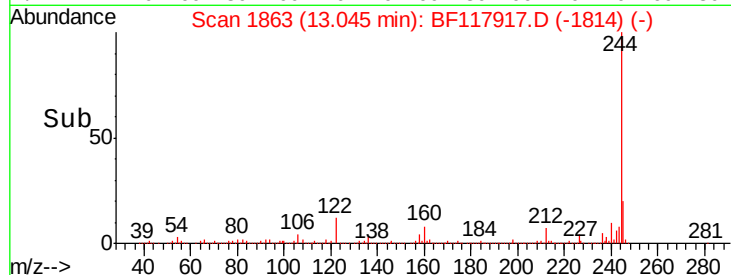
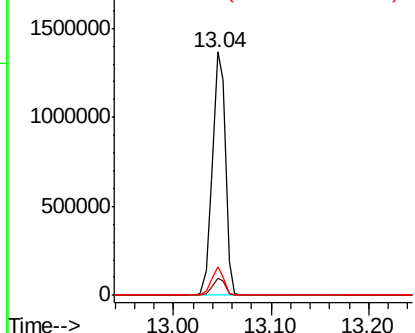
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	11.8	9.4	14.2

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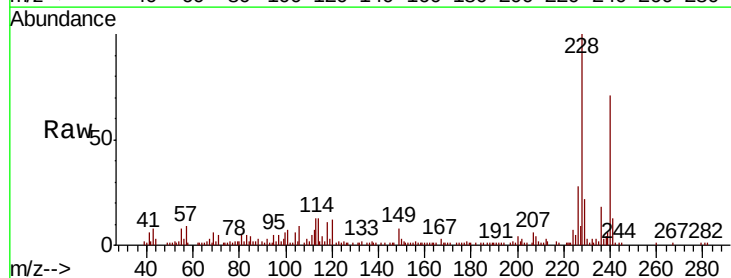


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

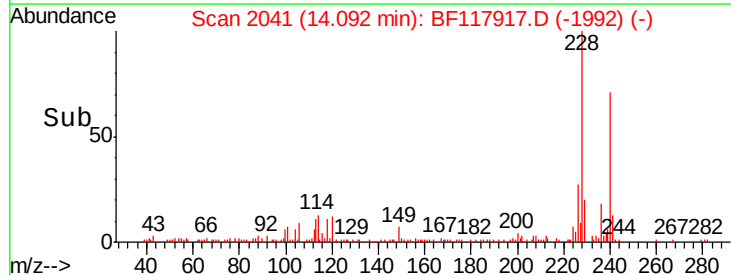
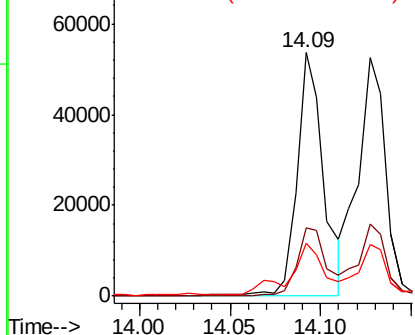


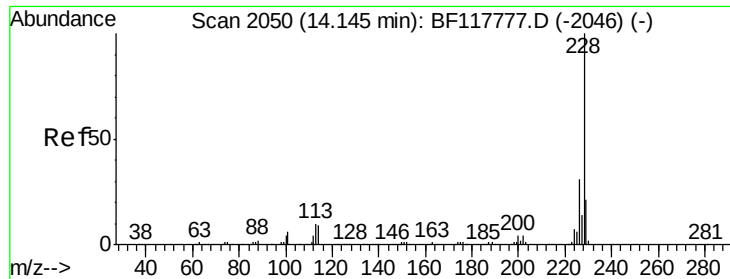
#81
 Benzo(a)anthracene
 Concen: 2.165 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF117917.D
 Acq: 21 Nov 2019 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	21.8	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





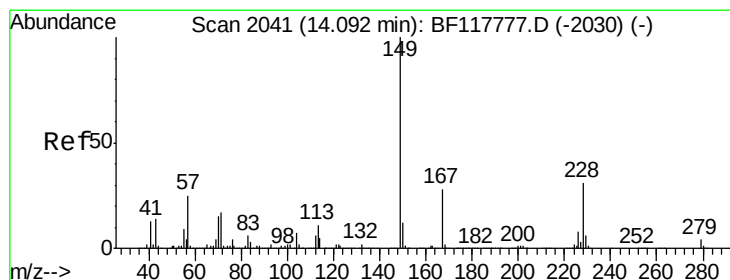
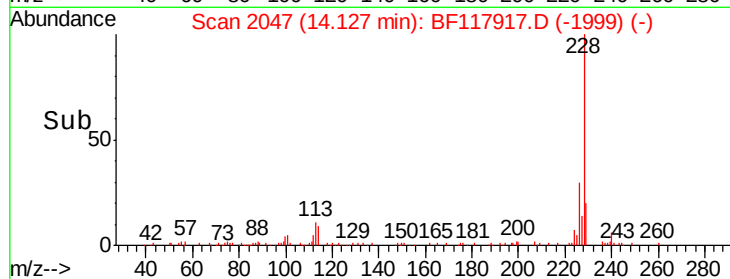
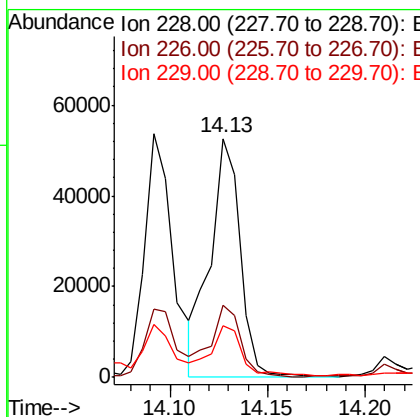
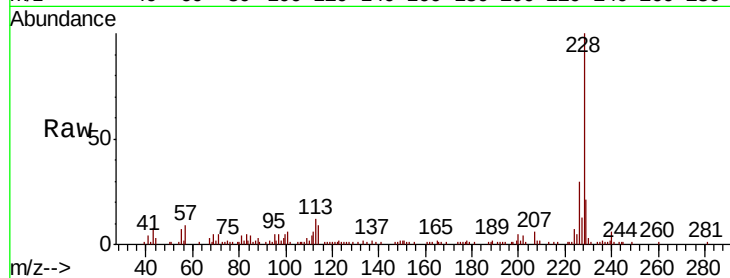
#83
Chrysene
Concen: 2.295 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Instrument :
BNA_F
ClientSampleId :
14-(0-2)RX

Tot Ion	Ratio	Resp	Lower	Upper
228	100	56781		
226	30.1		25.0	37.4
229	21.4		16.6	25.0

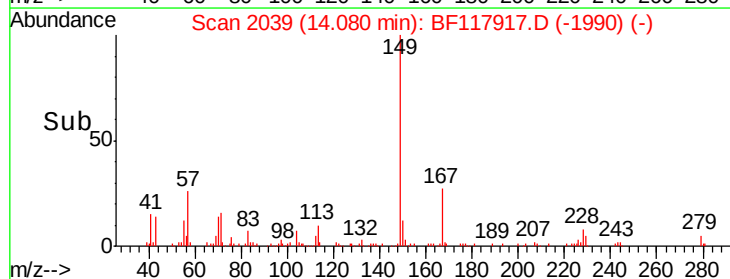
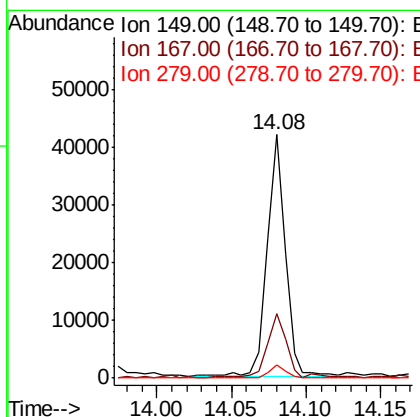
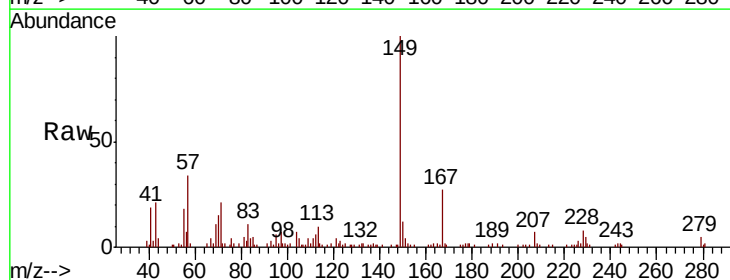
Manual Integrations
APPROVED

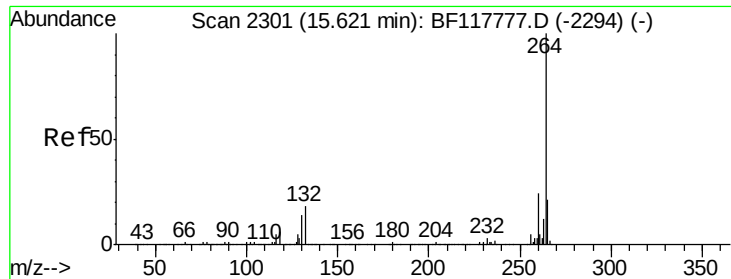
mohammad
11/22/2019 1:21:02 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.135 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF117917.D
Acq: 21 Nov 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	34720		
167	26.7		22.2	33.2
279	5.3		3.4	5.2#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117917.D

Acq: 21 Nov 2019 17:27

Instrument :

BNA_F

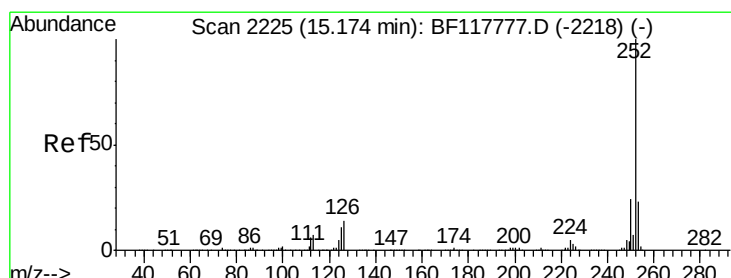
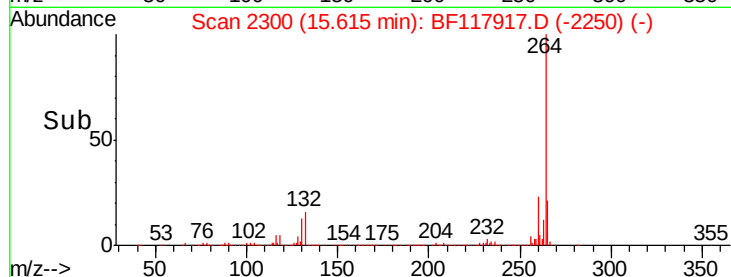
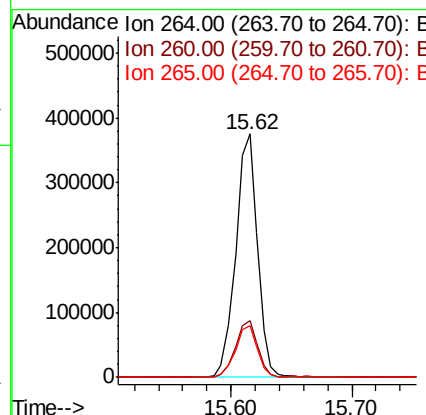
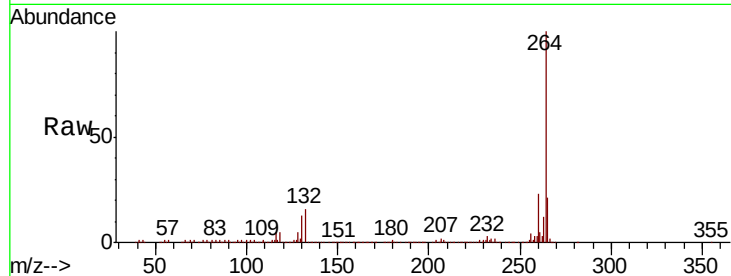
ClientSampleId :

14-(0-2)RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.4		19.4	29.0	
265	21.2		17.1	25.7	

Manual Integrations
APPROVED

mohammad
11/22/2019 1:21:02 PM



#88

Benzo(b)fluoranthene

Concen: 2.374 ng m

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF117917.D

Acq: 21 Nov 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.3		18.0	27.0	
125	10.5		8.6	13.0	

