

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115713.D
 Acq On : 22 Jul 2019 17:00
 Operator : HP/JU
 Sample : K3928-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Manual Integrations
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Quant Time: Jul 23 03:52:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	169304	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	652989	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	312937	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	474843	20.00	ng	0.00
76) Chrysene-d12	14.04	240	404860	20.00	ng	0.00
87) Perylene-d12	15.53	264	366714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	357729	34.56	ng	-0.01
7) Phenol-d6	6.50	99	468230	35.65	ng	-0.01
23) Nitrobenzene-d5	7.43	82	279783	24.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	102220	27.98	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	537287	30.05	ng	-0.02
79) Terphenyl-d14	12.99	244	474734	21.64	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.63	163	48059	2.041	ng	98
71) Phenanthrene	11.43	178	52928	2.175	ng	96
75) Fluoranthene	12.62	202	147882	5.749	ng	98
78) Pyrene	12.84	202	143680	4.189	ng	97
81) Benzo(a)anthracene	14.03	228	84632	3.173	ng	97
83) Chrysene	14.07	228	76706	2.865	ng	96
88) Benzo(b)fluoranthene	15.09	252	97487m	4.128	ng	
90) Benzo(a)pyrene	15.46	252	58466	2.881	ng	# 85

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

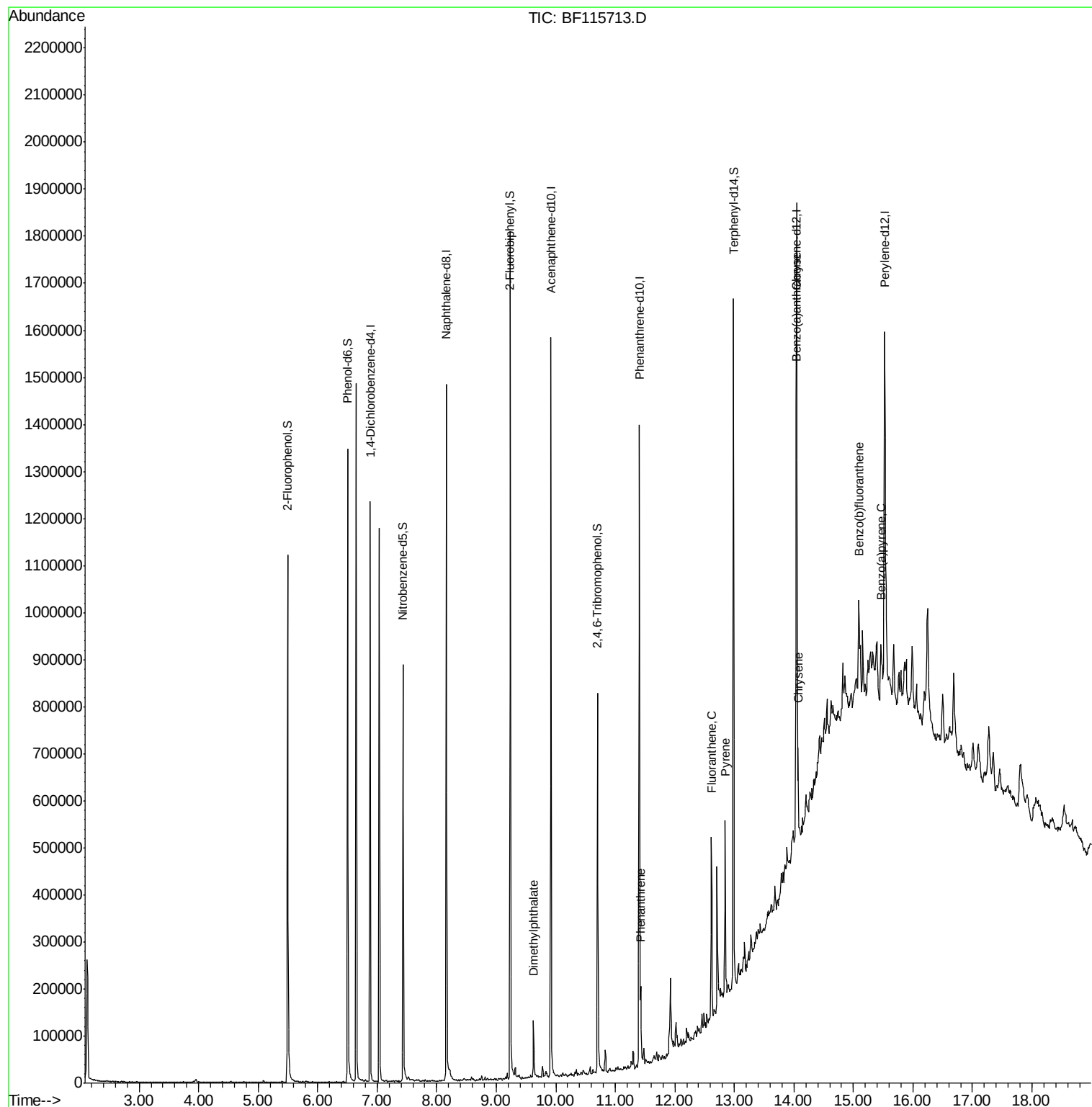
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115713.D
Acq On : 22 Jul 2019 17:00
Operator : HP/JU
Sample : K3928-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

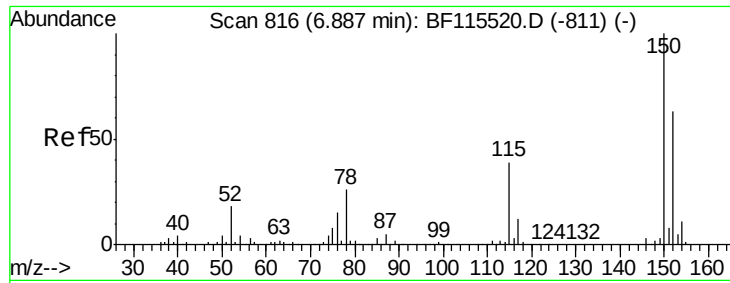
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

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Quant Time: Jul 23 03:52:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





#1

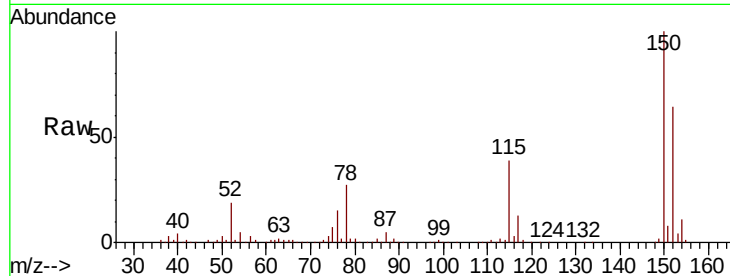
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	129.7	194.5
115	60.7	48.2	72.4

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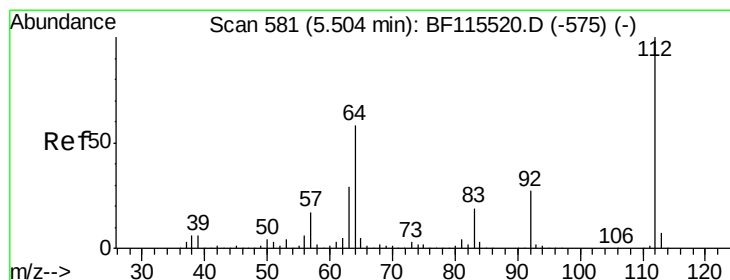
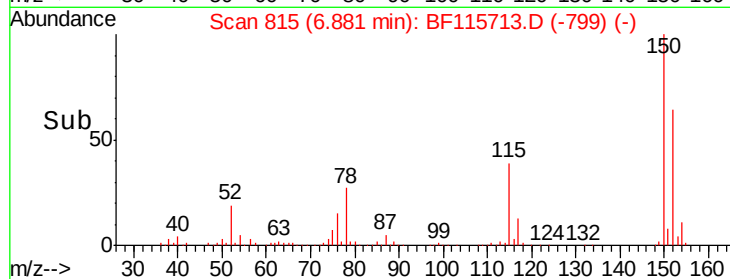
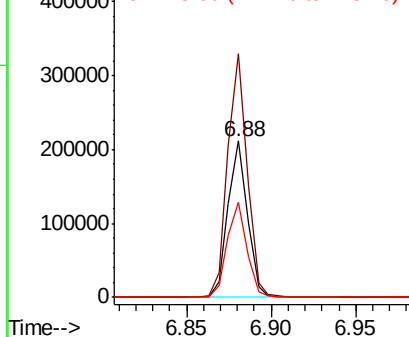


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

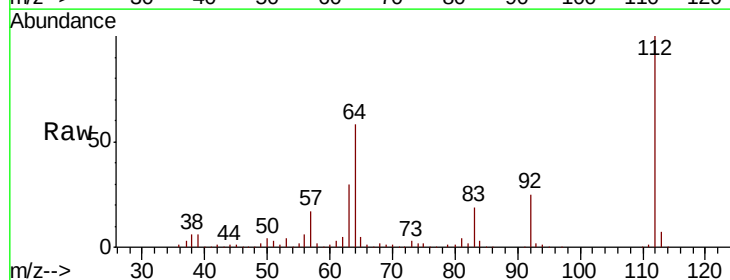
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.562 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.8	70.2
63	29.7	24.1	36.1

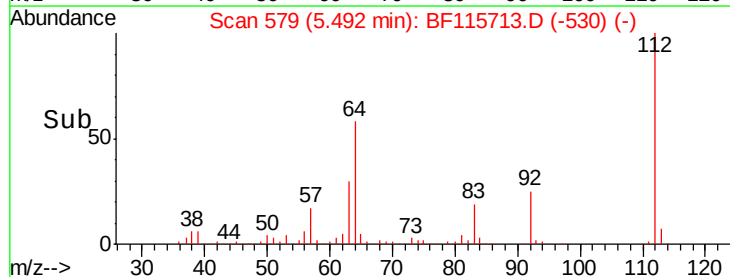
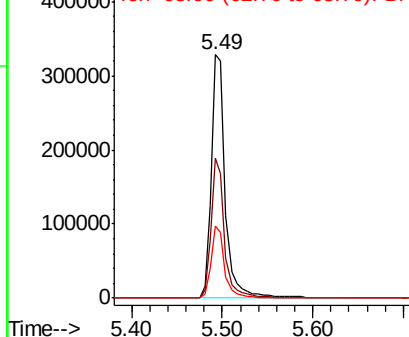


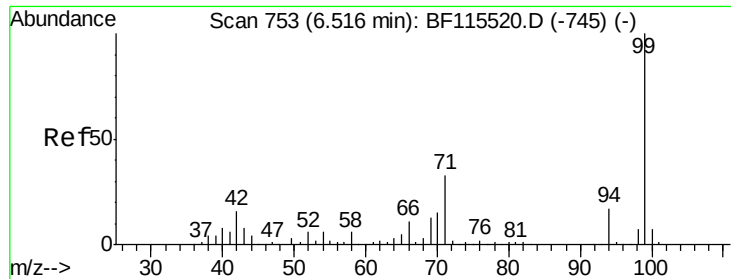
Abundance

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: 35.651 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115713.D

Acq: 22 Jul 2019 17:00

Instrument :

BNA_F

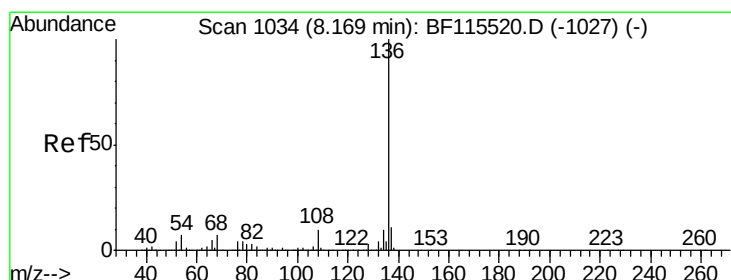
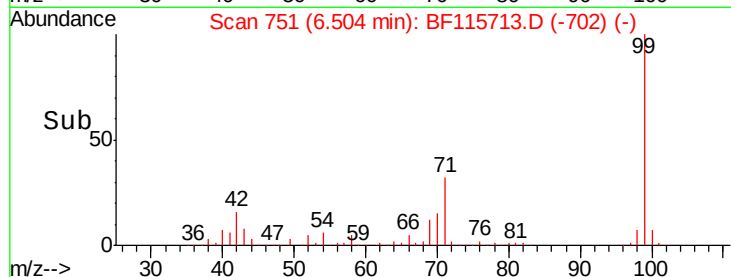
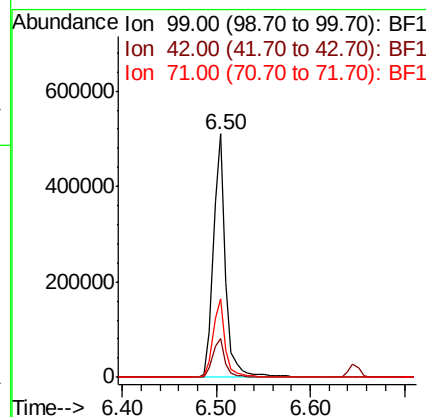
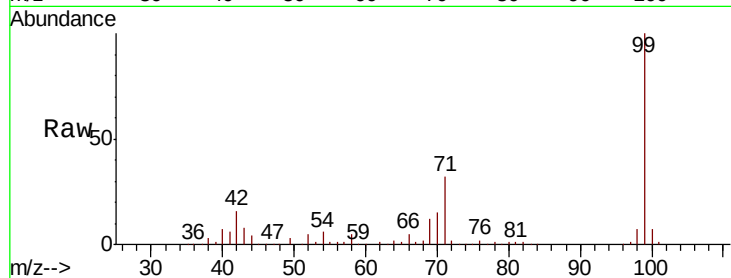
ClientSampleId :

ROLL-OFF-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		468230		
42	15.9	13.6	20.4		
71	32.1	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

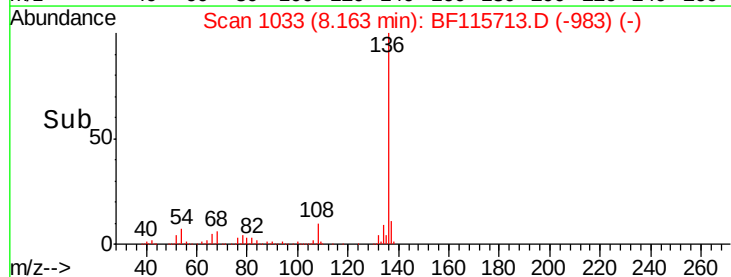
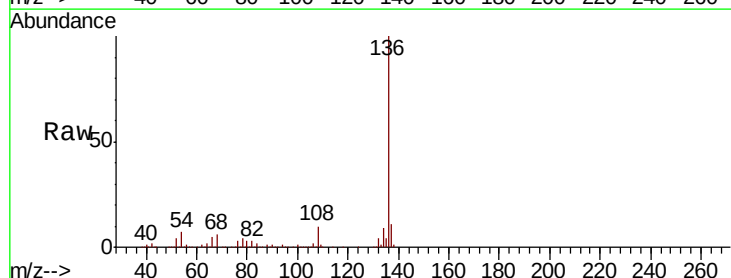
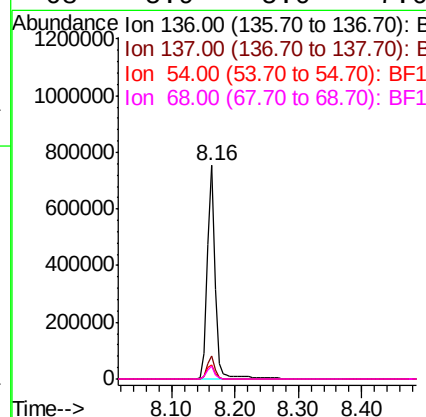
RT: 8.16 min Scan# 1033

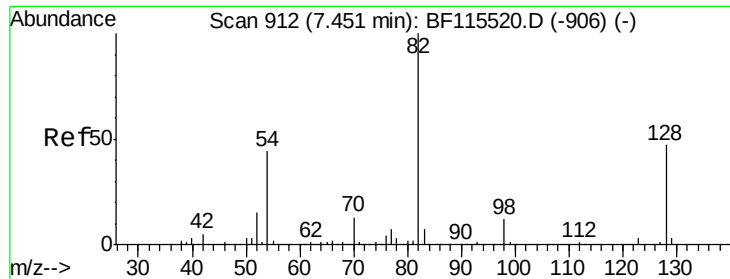
Delta R.T. -0.01 min

Lab File: BF115713.D

Acq: 22 Jul 2019 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		652989		
137	10.8	9.0	13.4		
54	6.6	5.6	8.4		
68	5.9	5.0	7.6		





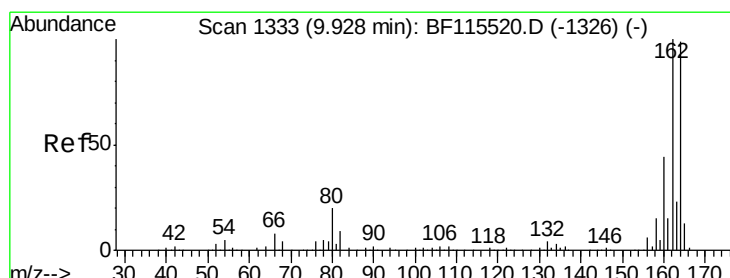
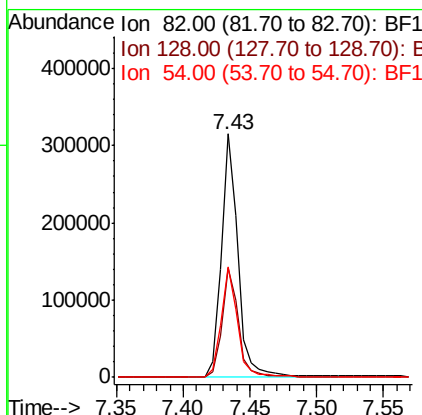
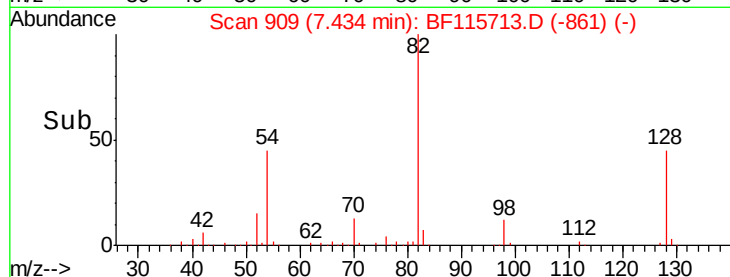
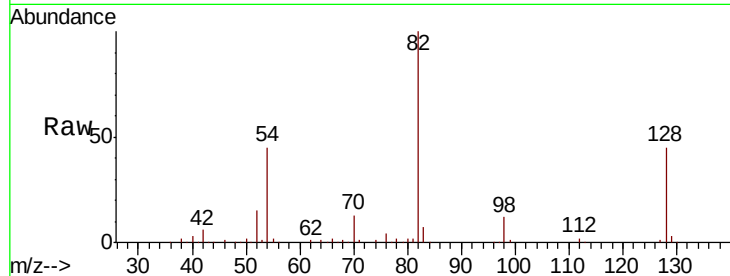
#23
 Nitrobenzene-d5
 Concen: 24.914 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115713.D
 Acq: 22 Jul 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	38.6	57.8
54	45.1	35.6	53.4

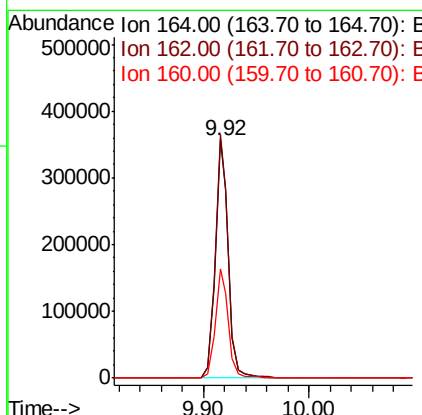
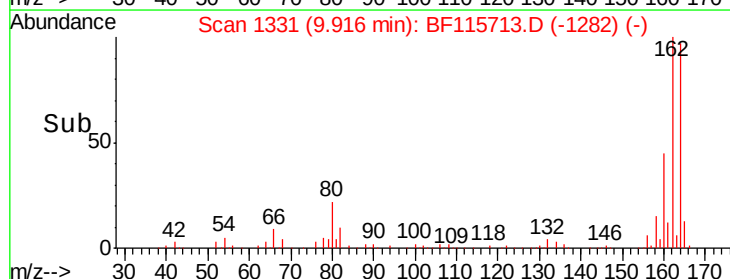
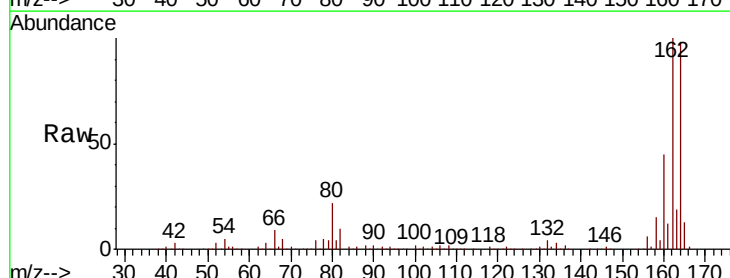
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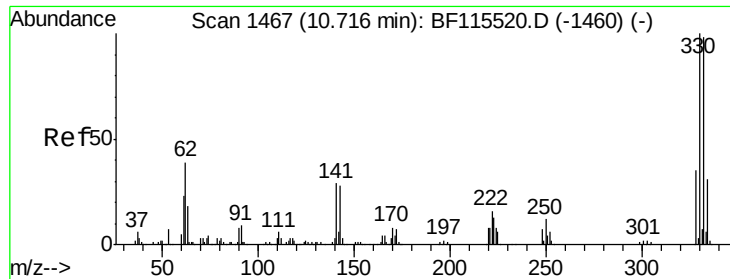
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115713.D
 Acq: 22 Jul 2019 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.9	124.3
160	46.0	36.8	55.2





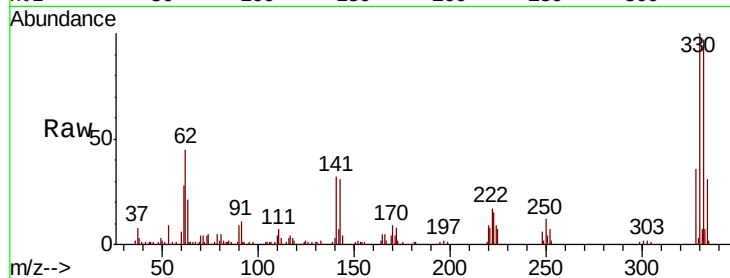
#42
 2,4,6-Tribromophenol
 Concen: 27.985 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115713.D
 Acq: 22 Jul 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	102220		
332	97.9		77.4	116.2
141	34.8		22.4	33.6#

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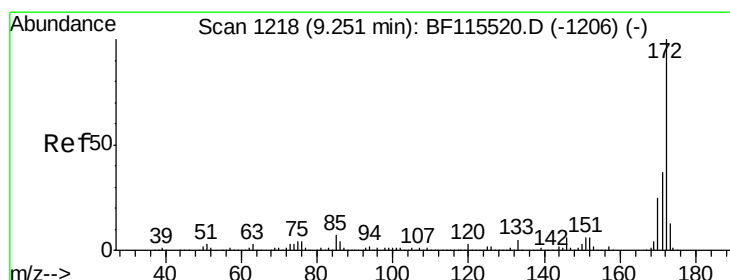
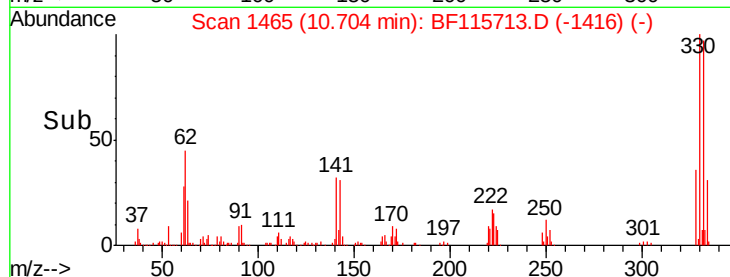
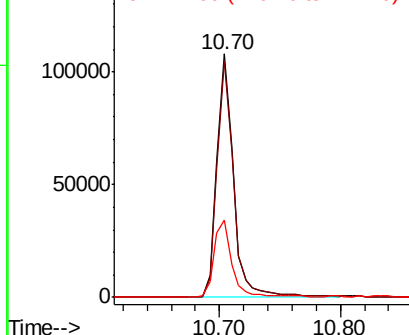


Abundance

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: 30.051 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115713.D
 Acq: 22 Jul 2019 17:00

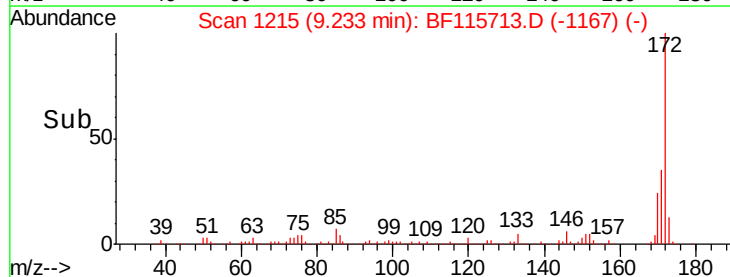
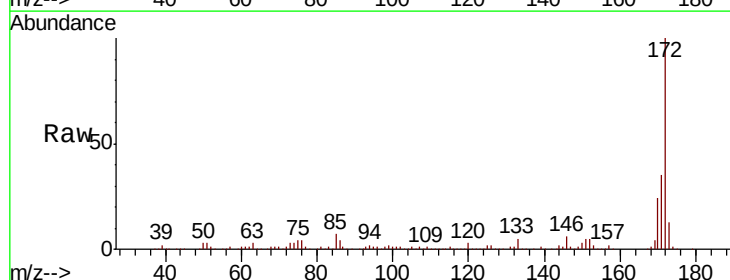
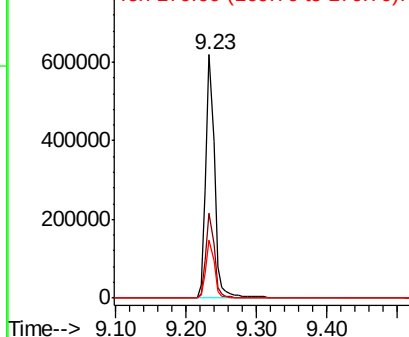
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	537287		
171	34.9		30.6	46.0
170	23.6		20.5	30.7

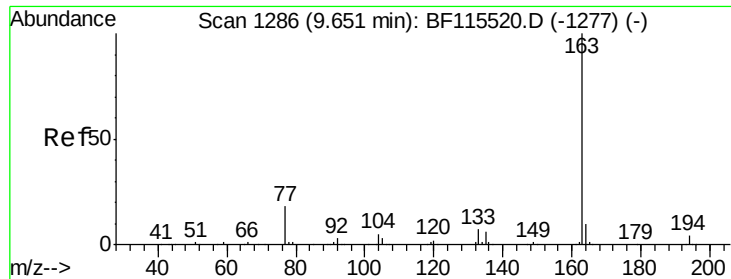
Abundance

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





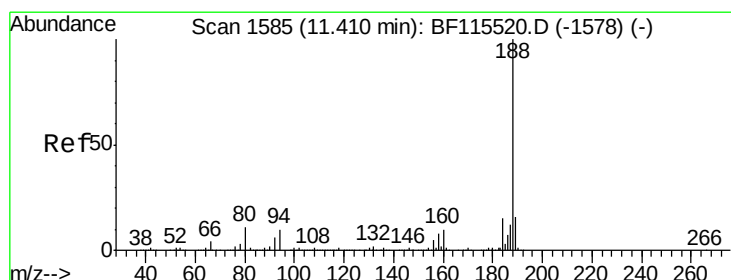
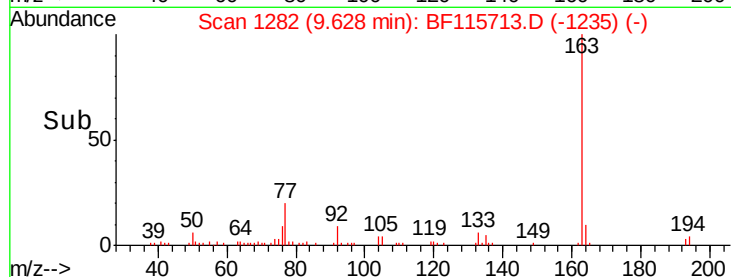
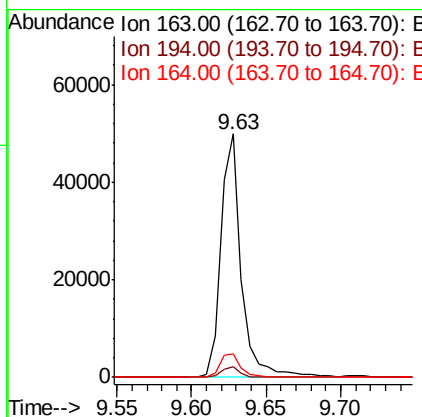
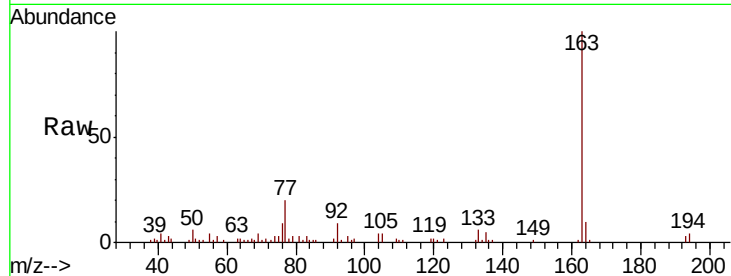
#50
Dimethylphthalate
Concen: 2.041 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	48059		
194	4.1		3.3	4.9
164	9.7		8.7	13.1

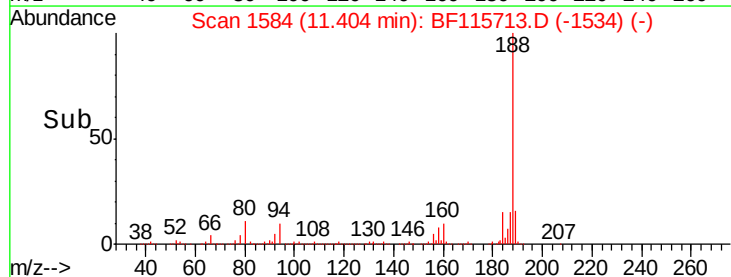
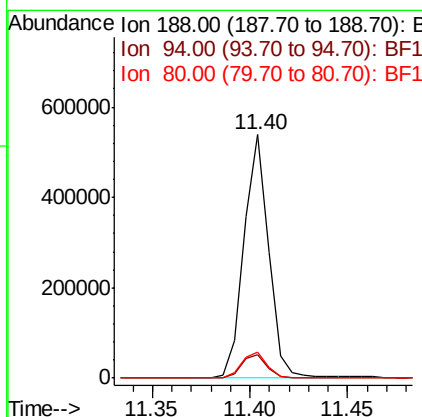
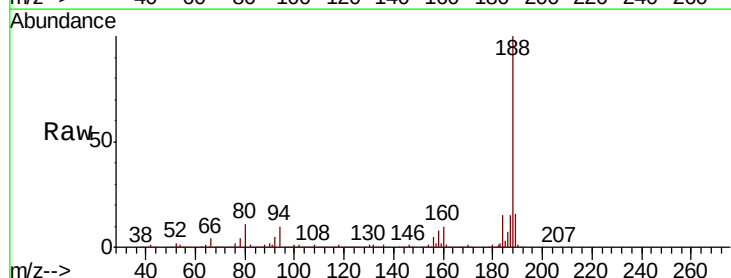
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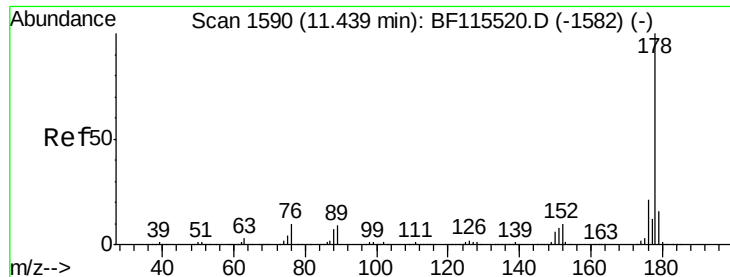
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	474843		
94	9.9		7.8	11.6
80	10.8		8.6	13.0





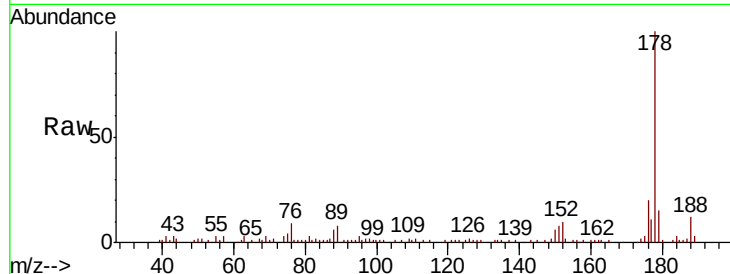
#71
Phenanthrene
Concen: 2.175 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.2	25.8
179	14.9	13.5	20.3

Manual Integrations
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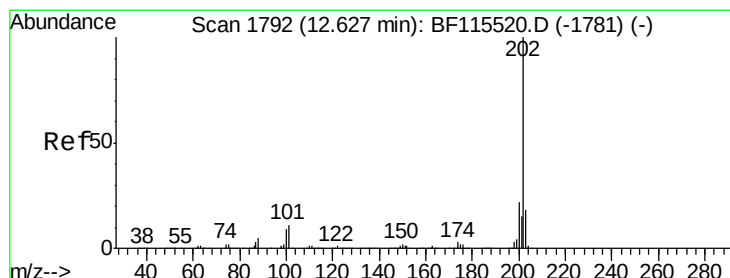
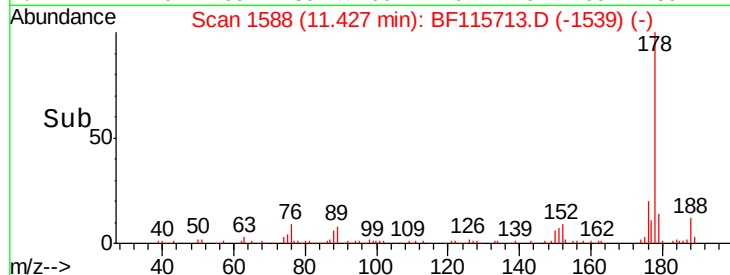
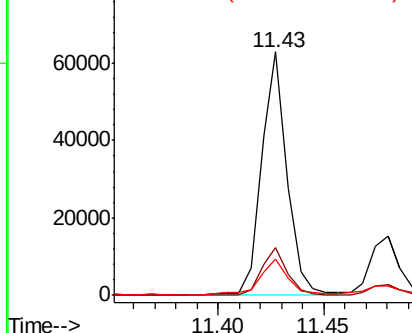


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.749 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

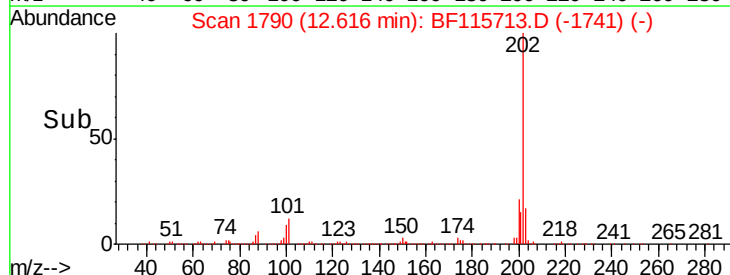
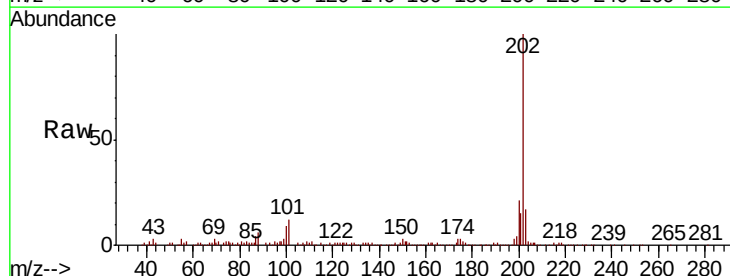
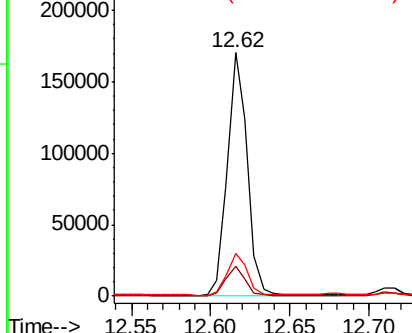
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.4
203	17.4	0.0	38.1

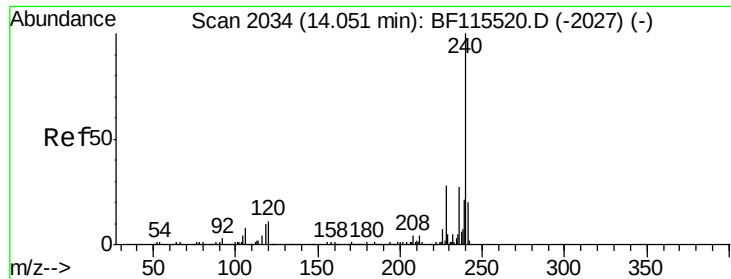
Abundance

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





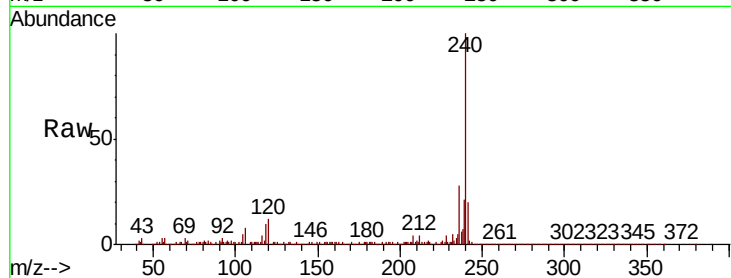
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	13.0
236	27.5	21.3	31.9

Manual Integrations
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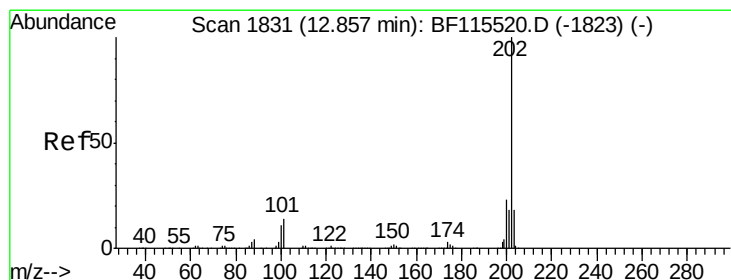
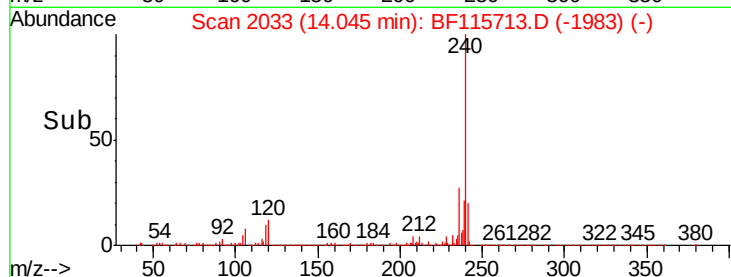
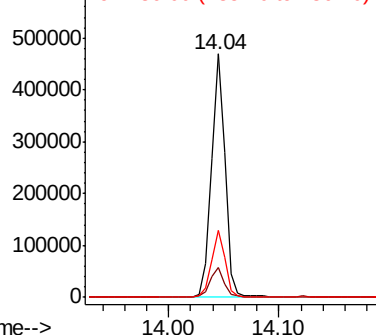


Abundance

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
Pyrene
Concen: 4.189 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

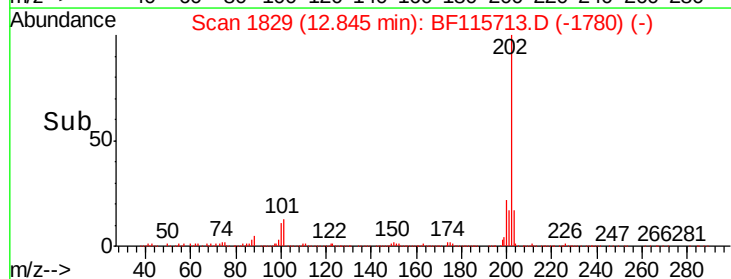
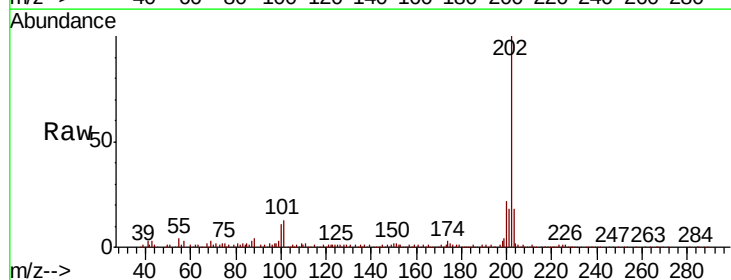
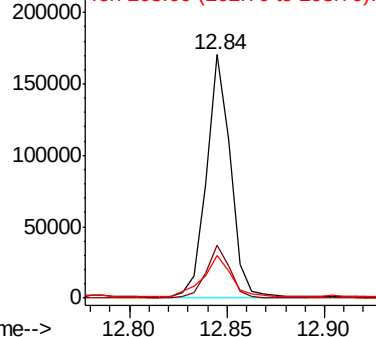
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	17.6	15.2	22.8

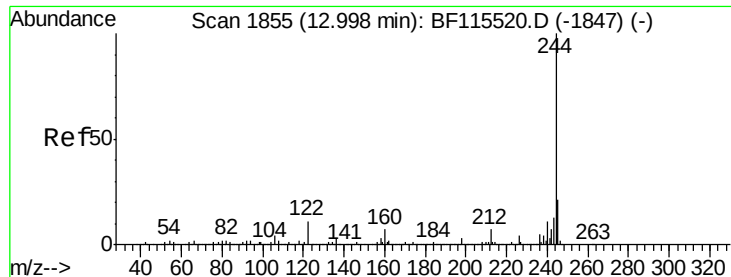
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





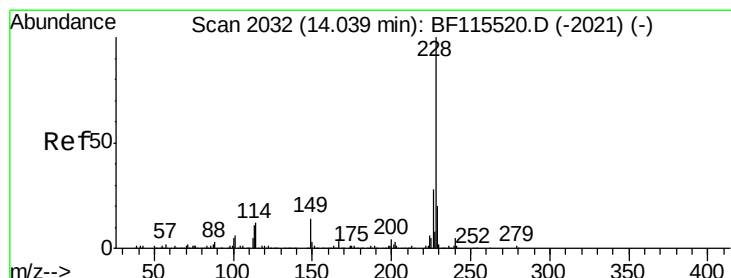
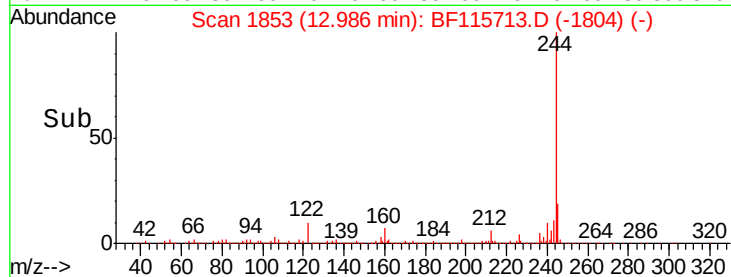
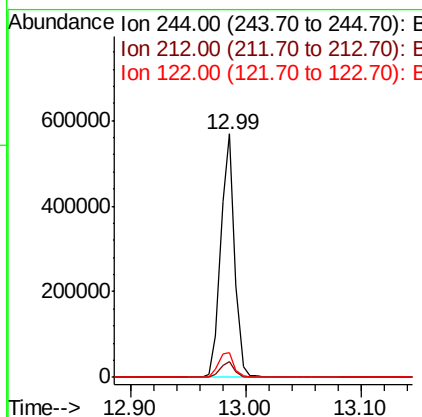
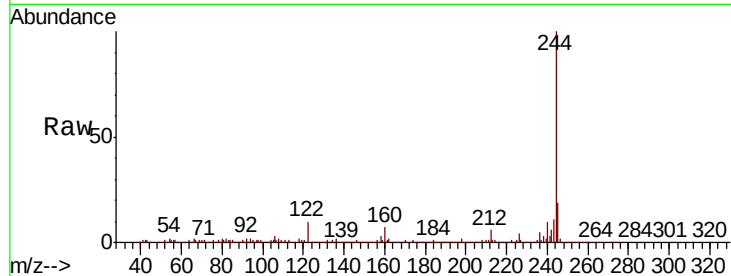
#79
 Terphenyl-d14
 Concen: 21.636 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115713.D
 Acq: 22 Jul 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion:244	Resp:	474734
Ion Ratio	Lower	Upper
244	100	
212	6.4	6.0 9.0
122	10.4	8.6 12.8

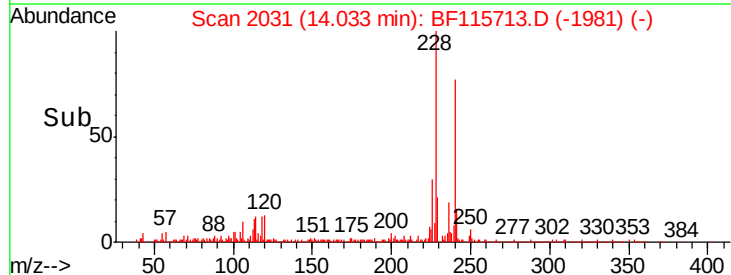
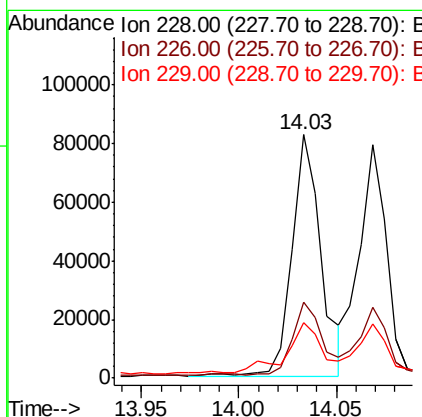
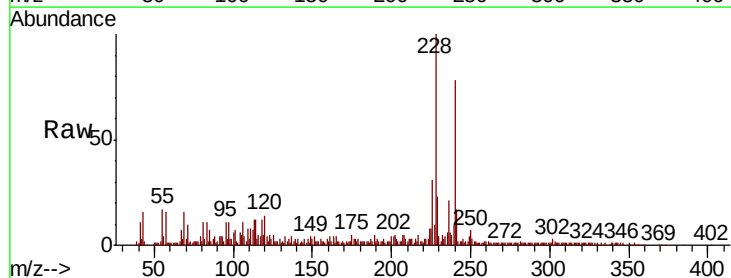
Manual Integrations
 APPROVED

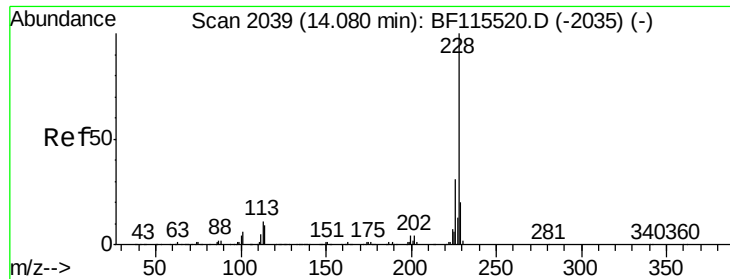
mohammad
 7/23/2019 4:24:33 PM



#81
 Benzo(a)anthracene
 Concen: 3.173 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF115713.D
 Acq: 22 Jul 2019 17:00

Tgt Ion:228	Resp:	84632
Ion Ratio	Lower	Upper
228	100	
226	31.0	23.4 35.0
229	22.7	17.2 25.8





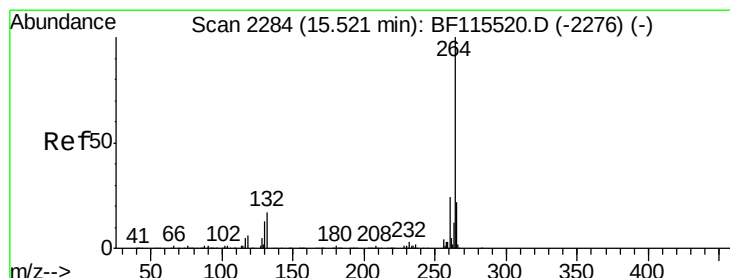
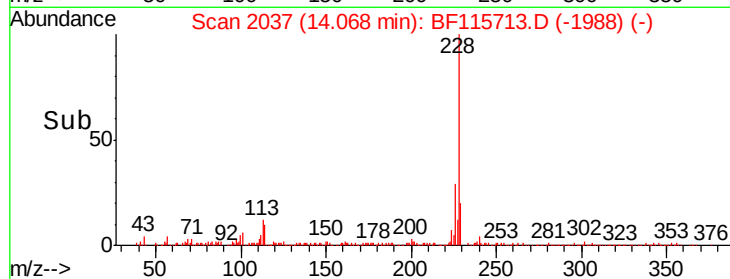
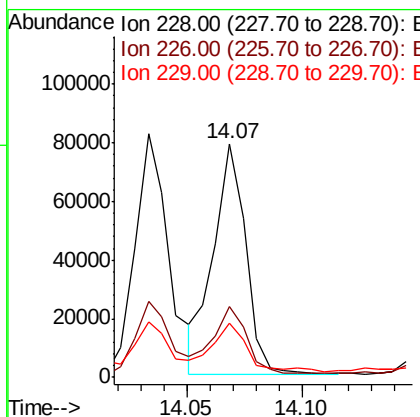
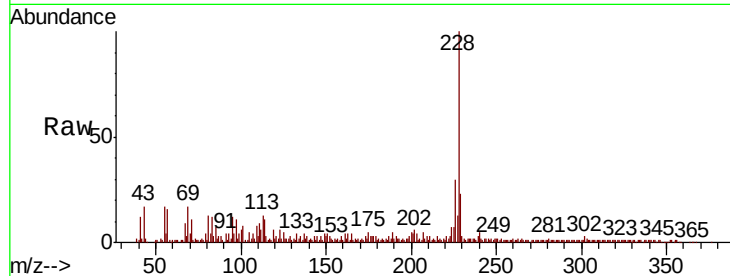
#83
Chrysene
Concen: 2.865 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	22.9	16.6	25.0

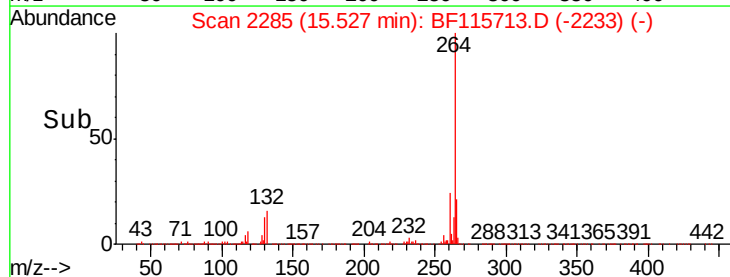
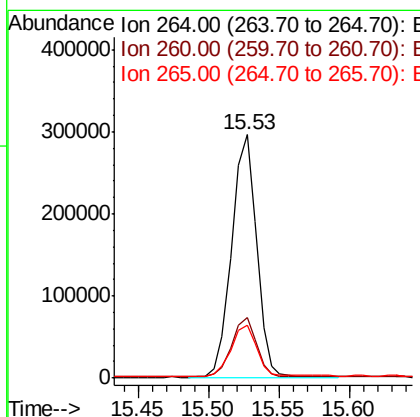
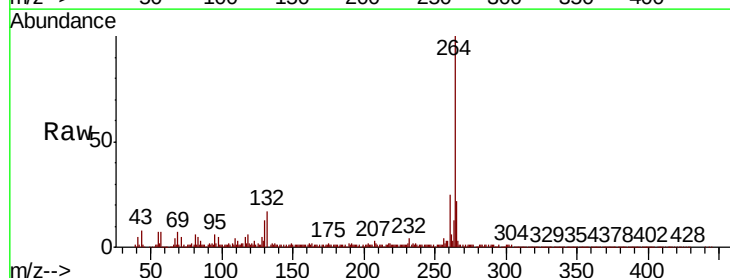
Manual Integrations
APPROVED

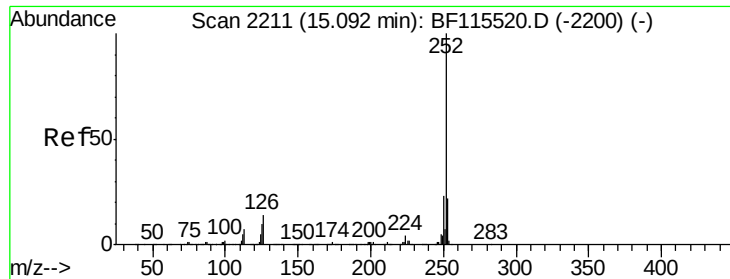
mohammad
7/23/2019 4:24:33 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.8	17.7	26.5





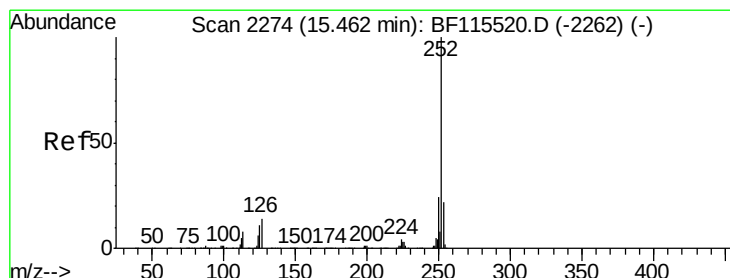
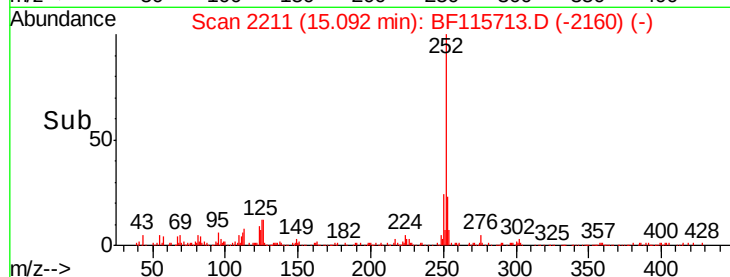
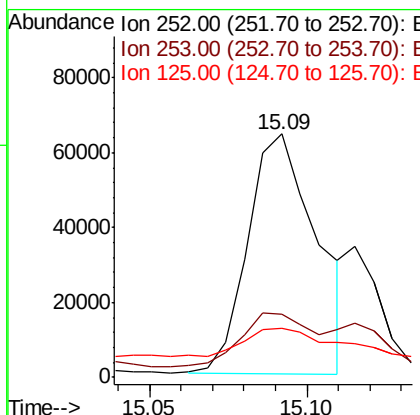
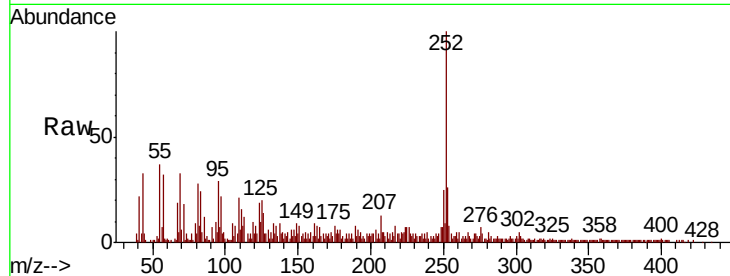
#88
Benzo(b)fluoranthene
Concen: 4.128 ng m
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	19.9	9.0	13.4

Manual Integrations
APPROVED

mohammad
7/23/2019 4:24:33 PM



#90
Benzo(a)pyrene
Concen: 2.881 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.6
125	22.4	9.1	13.7

