

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115875.D
 Acq On : 31 Jul 2019 19:26
 Operator : HP/JU
 Sample : K4044-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Manual Integrations
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Quant Time: Aug 01 07:17:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140837	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	530036	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	277815	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	455090	20.00	ng	0.00
76) Chrysene-d12	14.02	240	355225	20.00	ng	0.00
87) Perylene-d12	15.49	264	398222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	871492	103.59	ng	0.00
7) Phenol-d6	6.49	99	1142858	107.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	710217	77.35	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	258946	96.14	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1200735	80.96	ng	0.00
79) Terphenyl-d14	12.96	244	1167285	69.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	164908	8.718	ng	100
71) Phenanthrene	11.40	178	98084	4.216	ng	98
75) Fluoranthene	12.59	202	153625	6.307	ng	98
78) Pyrene	12.82	202	132830	4.961	ng	97
81) Benzo(a)anthracene	14.01	228	70725	3.115	ng	100
83) Chrysene	14.04	228	61910	2.809	ng	99
88) Benzo(b)fluoranthene	15.06	252	72237m	3.137	ng	
90) Benzo(a)pyrene	15.42	252	54263	2.636	ng	# 95

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

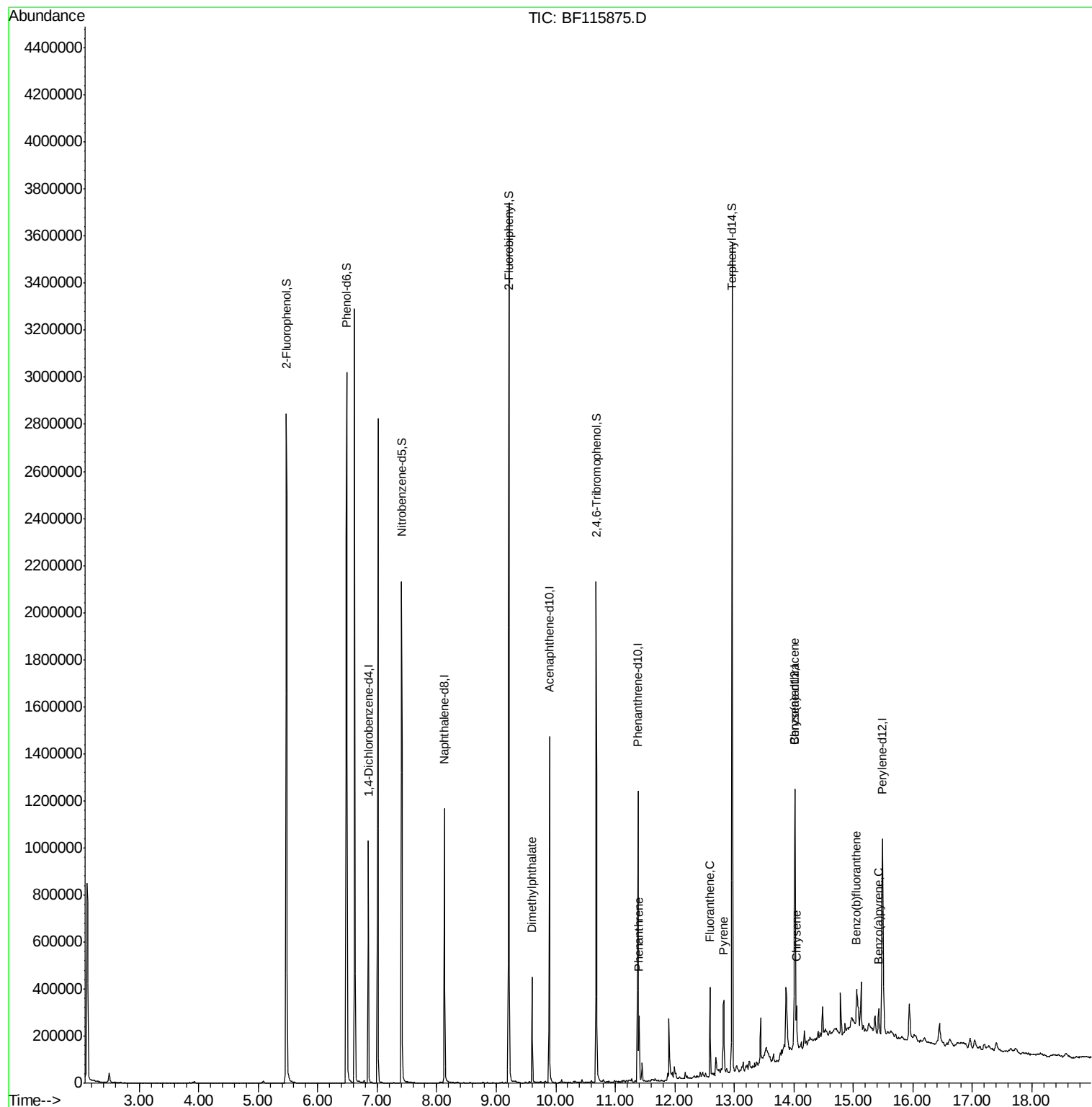
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115875.D
Acq On : 31 Jul 2019 19:26
Operator : HP/JU
Sample : K4044-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

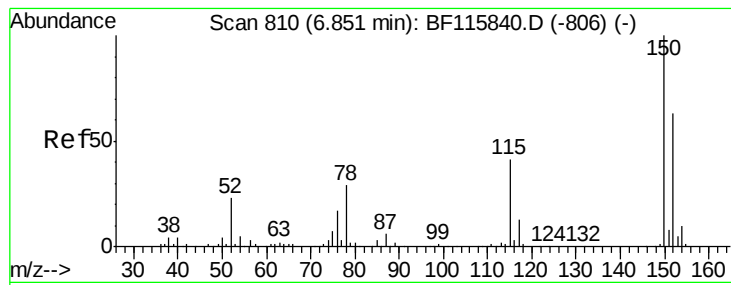
Instrument :
BNA_F
ClientSampleId :
TP-5

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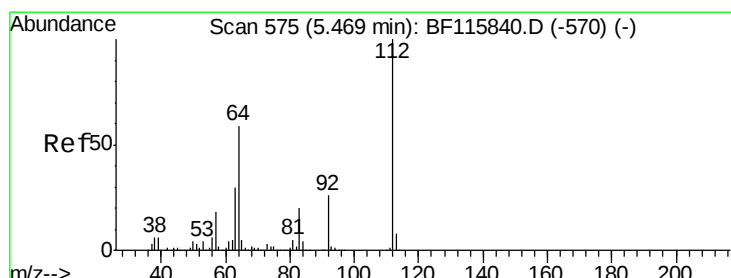
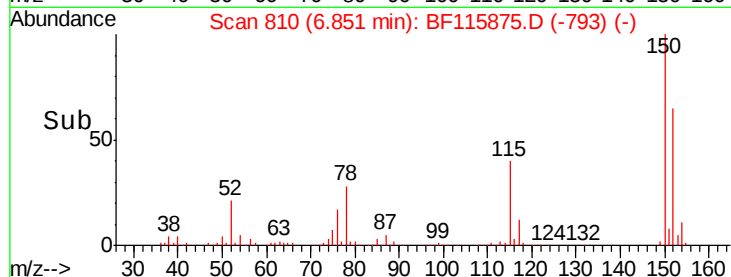
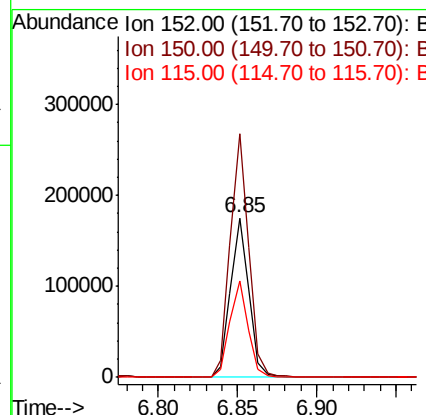
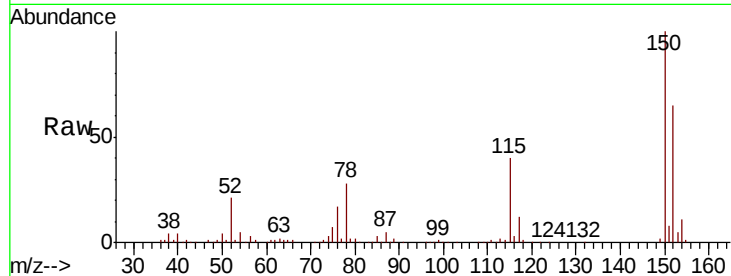
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	127.4	191.0
115	60.8	51.8	77.8

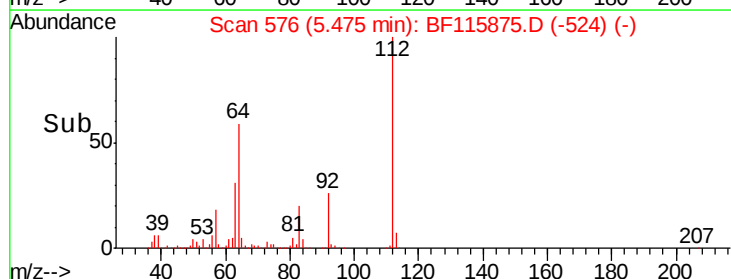
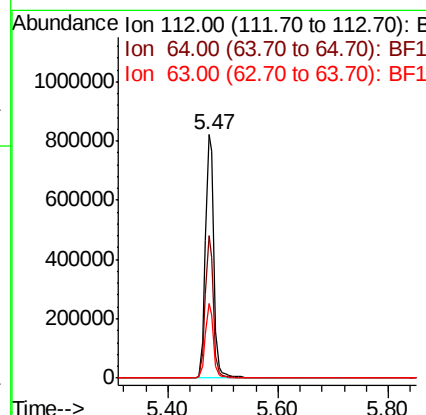
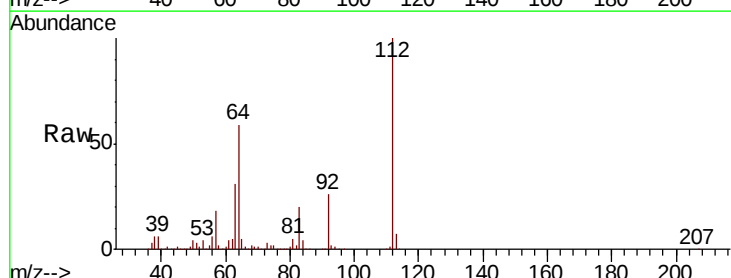
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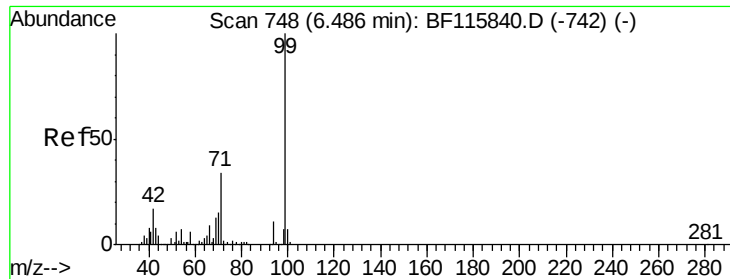
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#5
 2-Fluorophenol
 Concen: 103.590 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.8	70.2
63	30.7	24.2	36.2





#7

Phenol-d6

Concen: 107.671 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115875.D

Acq: 31 Jul 2019 19:26

Instrument :

BNA_F

ClientSampled :

TP-5

Tot Ion: 99 Resp: 1142858

Ion Ratio Lower Upper

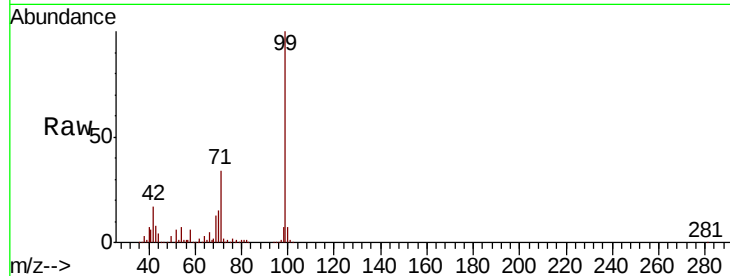
99 100

42 16.9 13.8 20.6

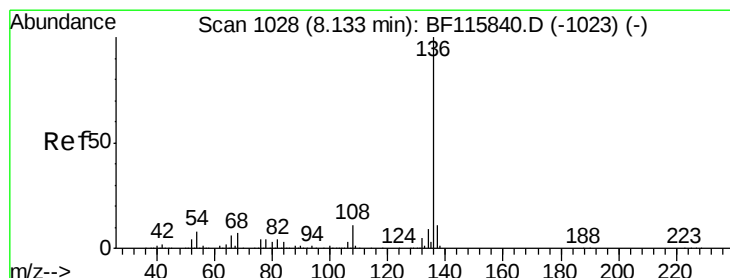
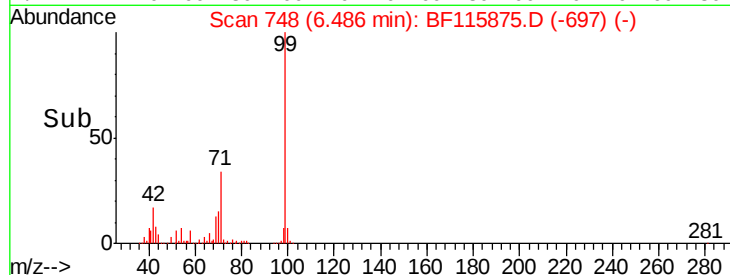
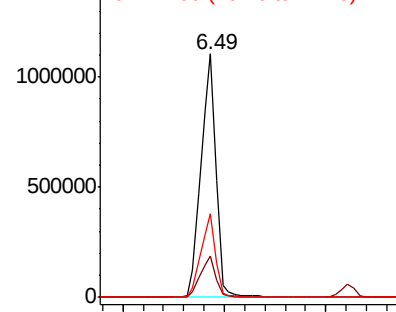
71 34.3 27.1 40.7

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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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF115875.D

Acq: 31 Jul 2019 19:26

Tgt Ion: 136 Resp: 530036

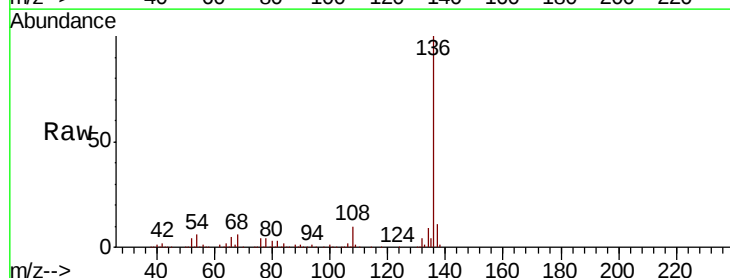
Ion Ratio Lower Upper

136 100

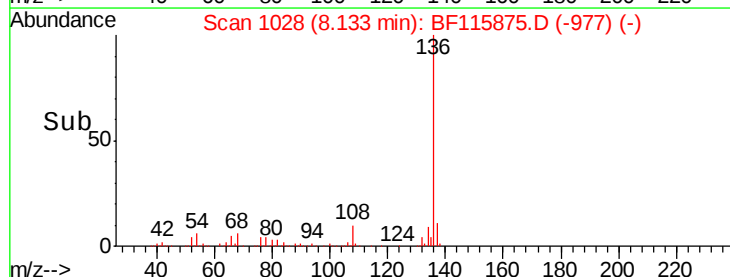
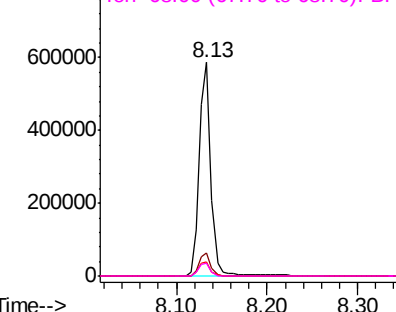
137 10.7 9.1 13.7

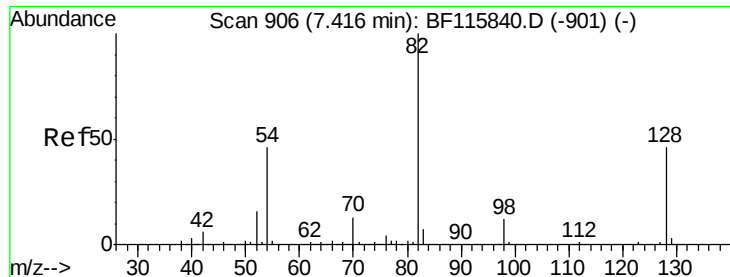
54 6.5 6.1 9.1

68 5.8 5.4 8.2



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





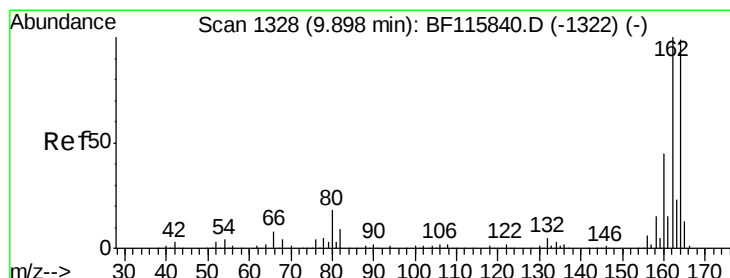
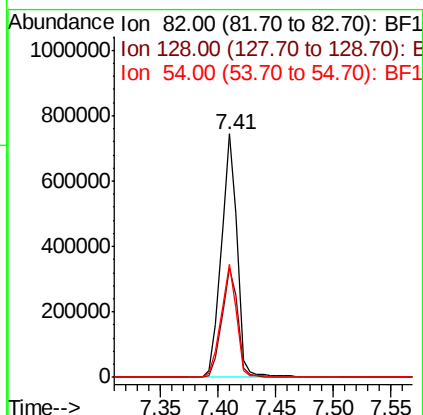
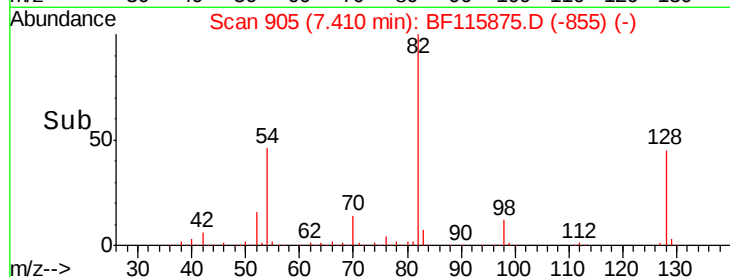
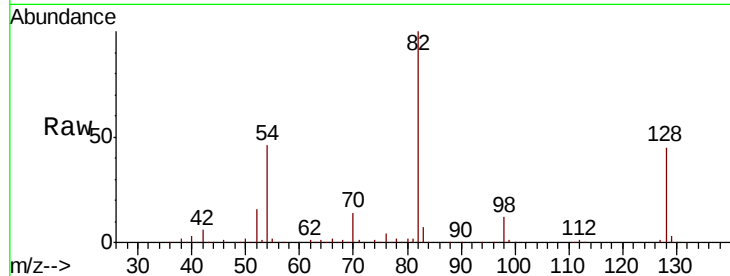
#23
 Nitrobenzene-d5
 Concen: 77.346 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.6	55.0
54	46.5	36.6	55.0

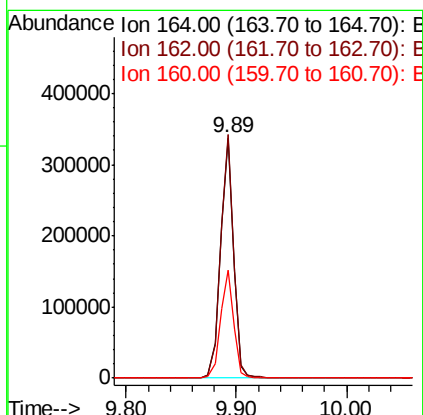
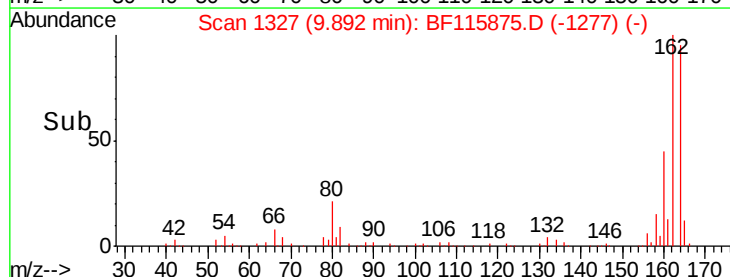
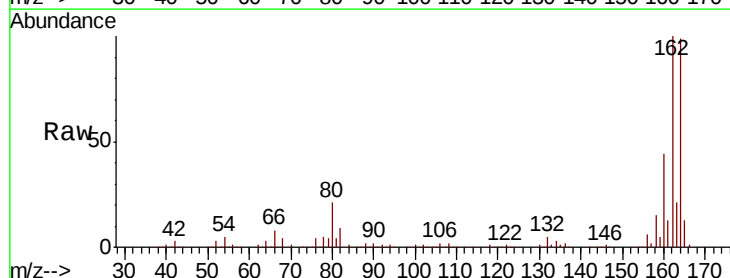
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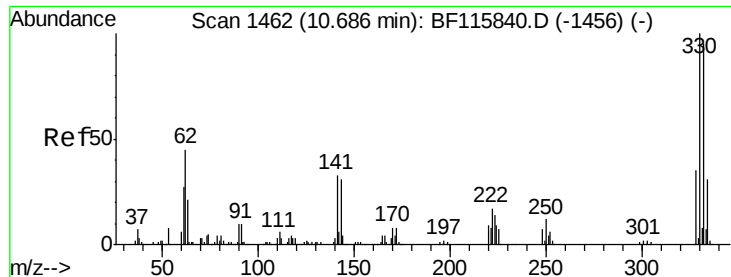
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.8	121.2
160	45.1	36.2	54.4





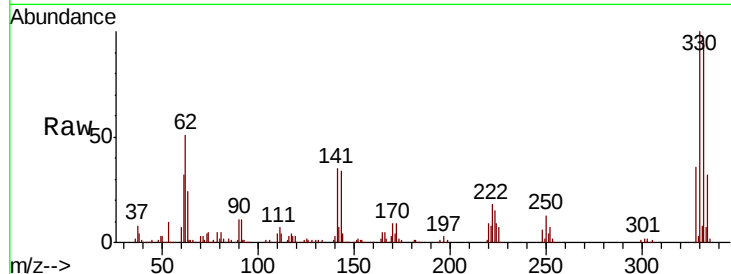
#42
 2,4,6-Tribromophenol
 Concen: 96.138 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

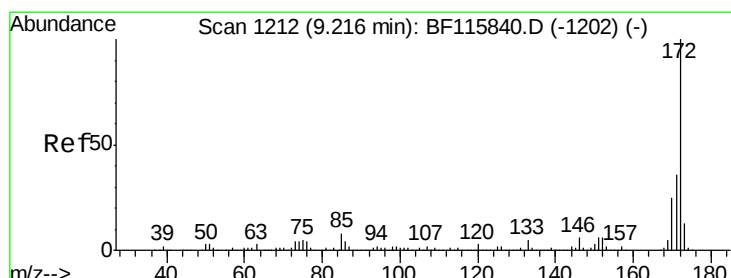
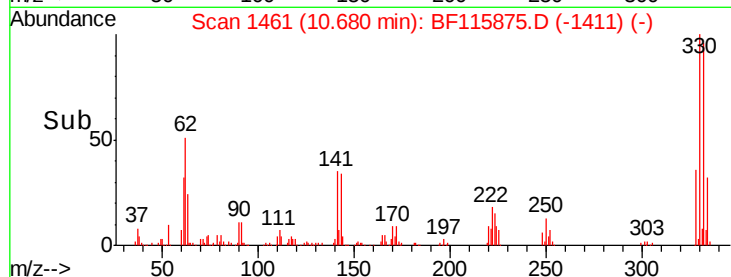
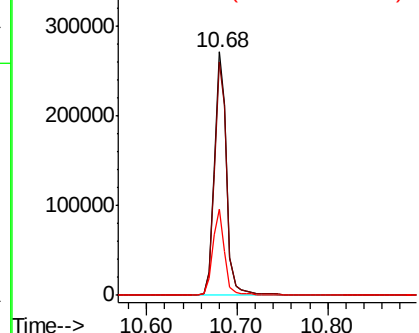
Tot Ion	Ratio	Resp	Lower	Upper
330	100	258946		
332	97.4		77.7	116.5
141	34.4		28.1	42.1

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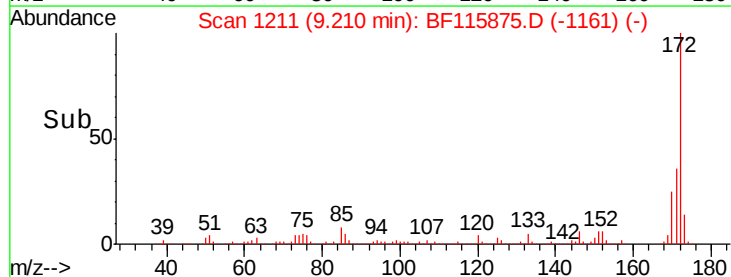
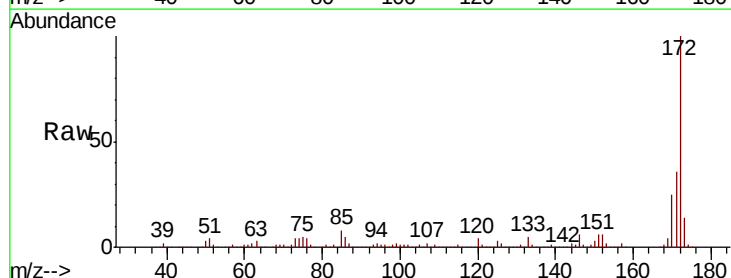
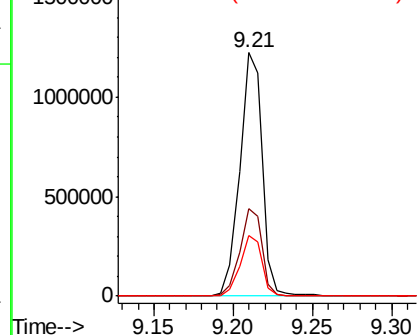
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

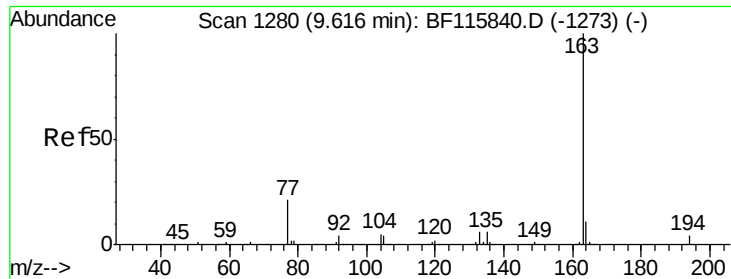


#45
 2-Fluorobiphenyl
 Concen: 80.955 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1200735		
171	36.0		29.1	43.7
170	25.0		20.1	30.1

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





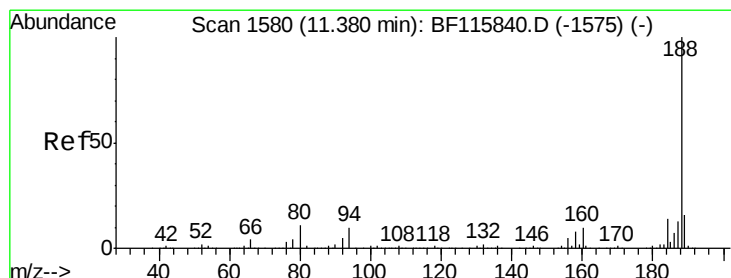
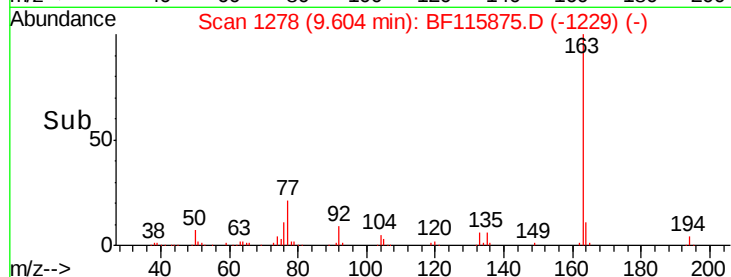
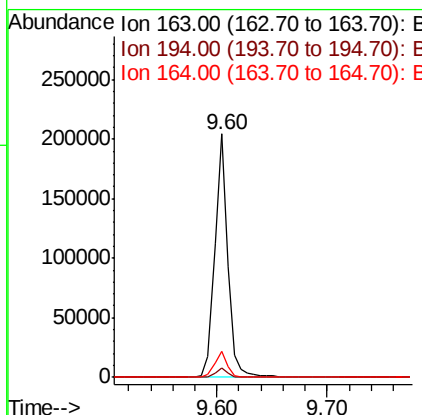
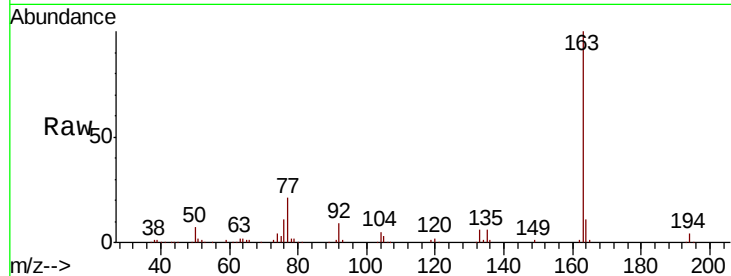
#50
Dimethylphthalate
Concen: 8.718 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115875.D
Acq: 31 Jul 2019 19:26

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	164908		
194	3.8		3.0	4.6
164	10.6		8.4	12.6

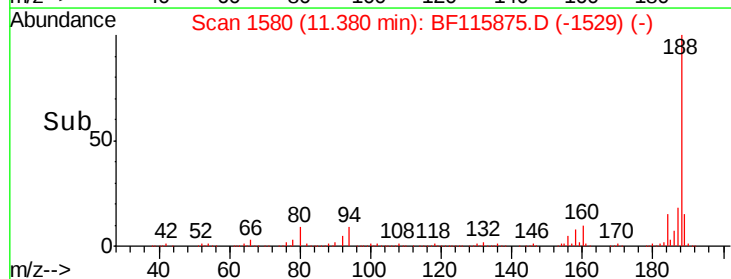
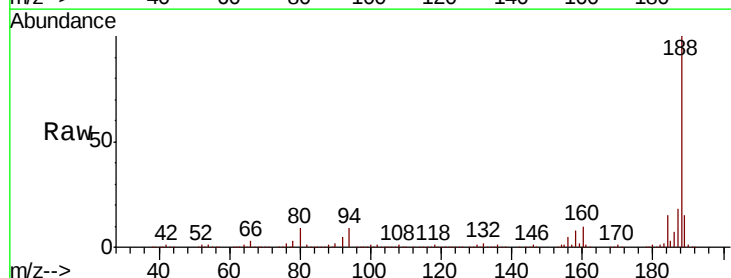
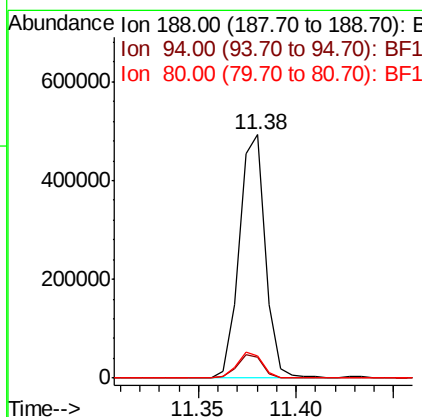
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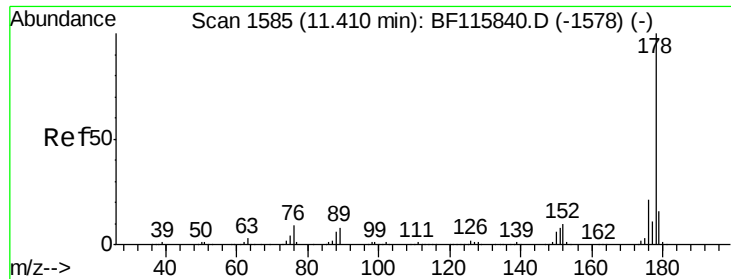
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF115875.D
Acq: 31 Jul 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	455090		
94	8.8		8.0	12.0
80	9.3		8.6	12.8





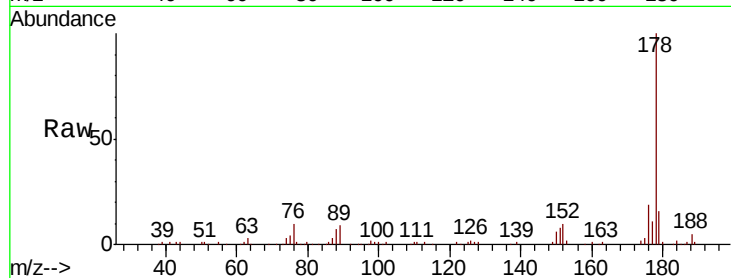
#71
Phenanthrene
Concen: 4.216 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115875.D
Acq: 31 Jul 2019 19:26

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.5	24.7
179	15.8	12.6	18.8

Manual Integrations
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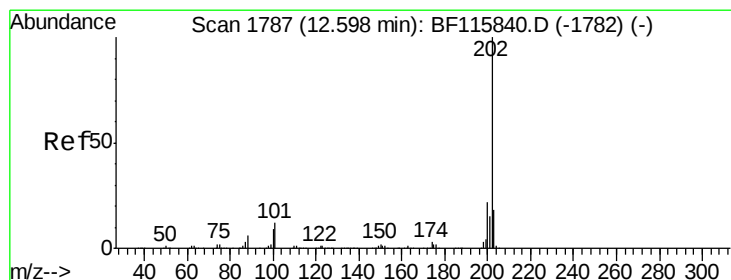
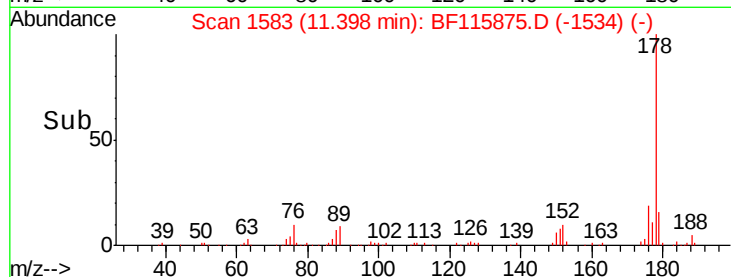
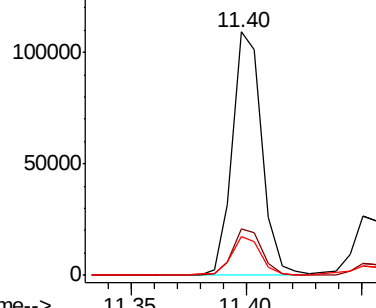


Abundance

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: 6.307 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF115875.D
Acq: 31 Jul 2019 19:26

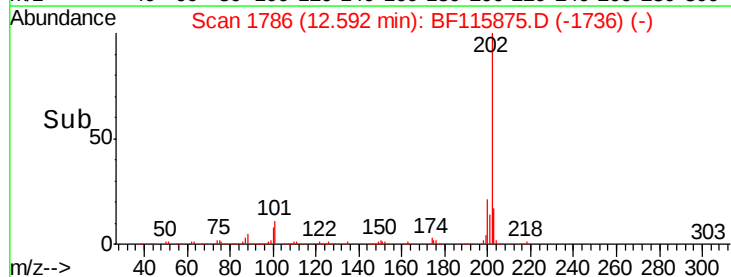
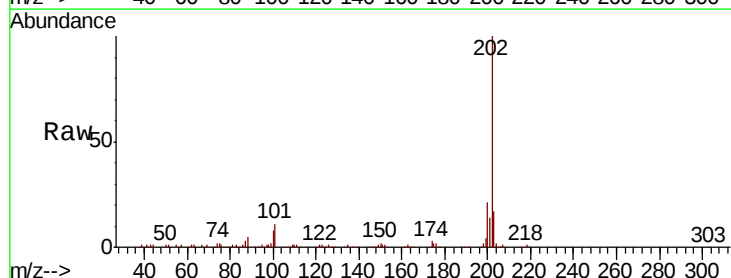
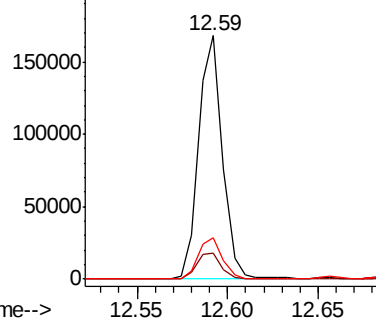
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.5
203	17.0	0.0	37.9

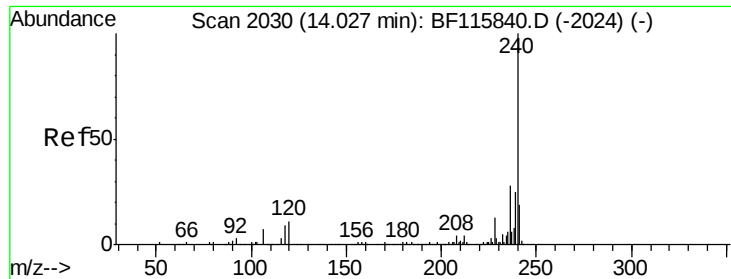
Abundance

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





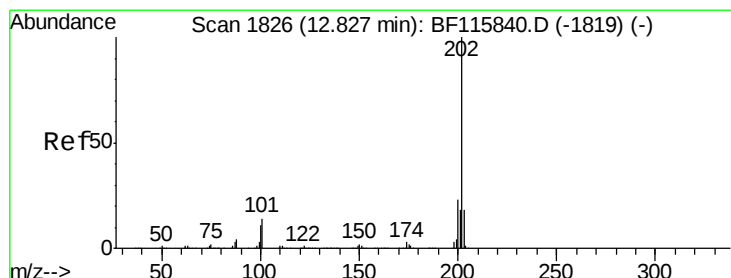
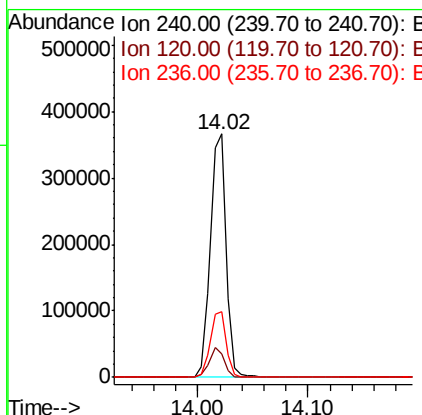
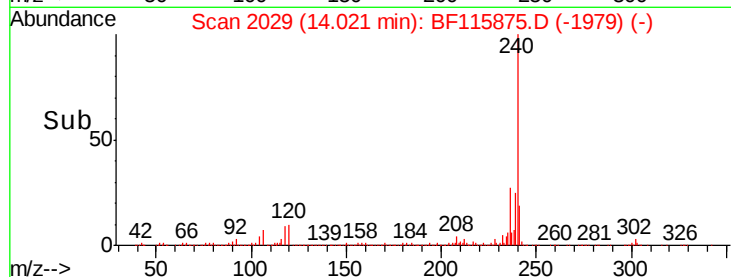
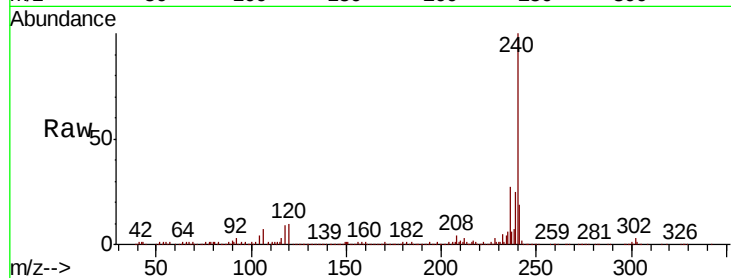
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115875.D
Acq: 31 Jul 2019 19:26

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.5	12.7
236	27.2	22.2	33.2

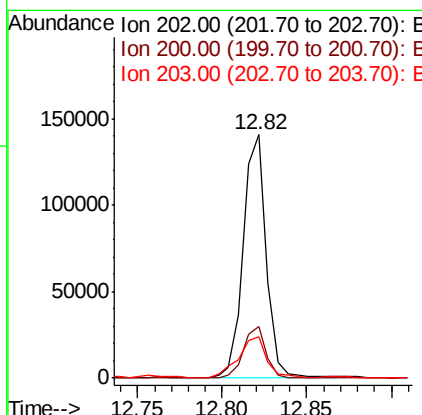
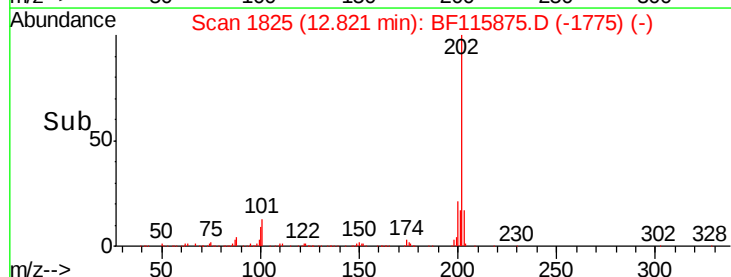
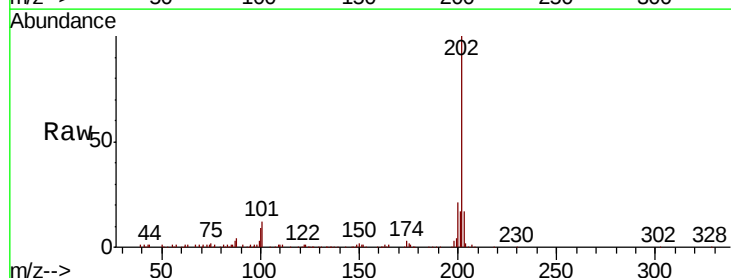
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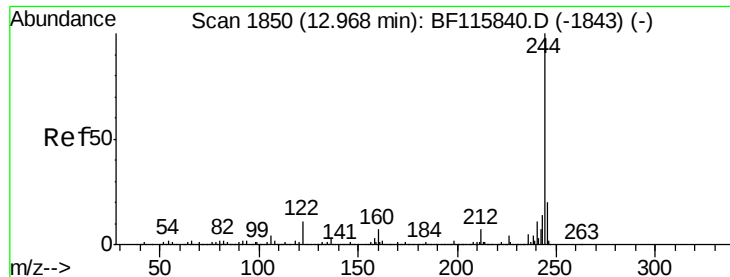
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#78
Pyrene
Concen: 4.961 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF115875.D
Acq: 31 Jul 2019 19:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.2
203	17.0	14.3	21.5





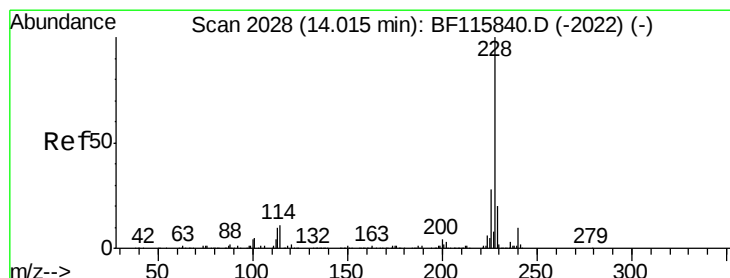
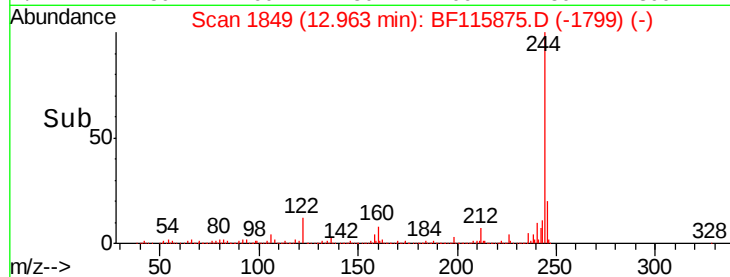
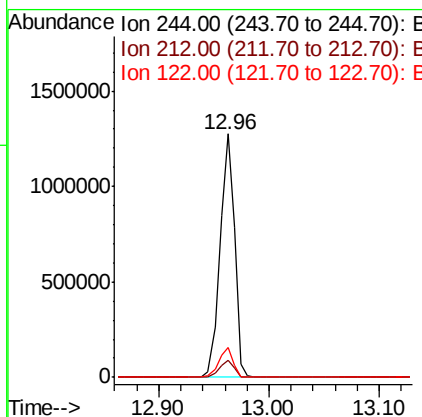
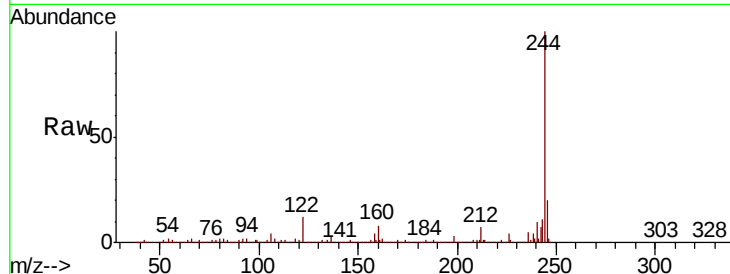
#79
 Terphenyl-d14
 Concen: 69.242 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	12.1	8.6	13.0

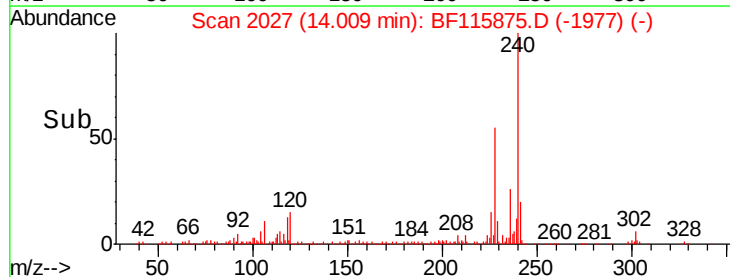
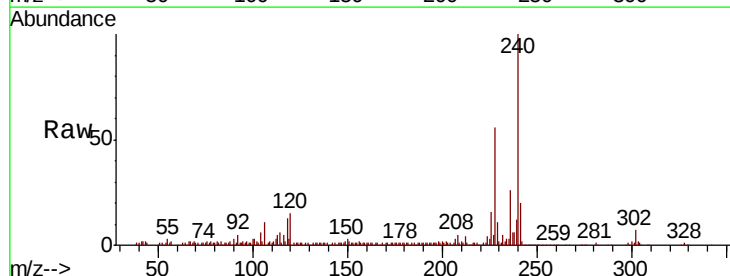
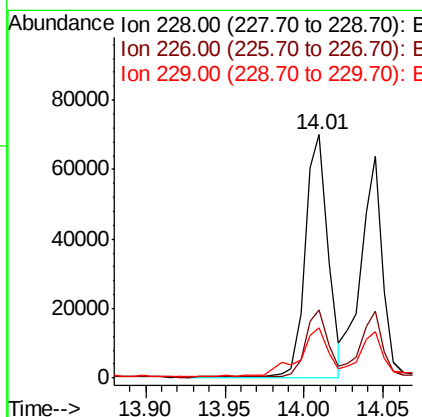
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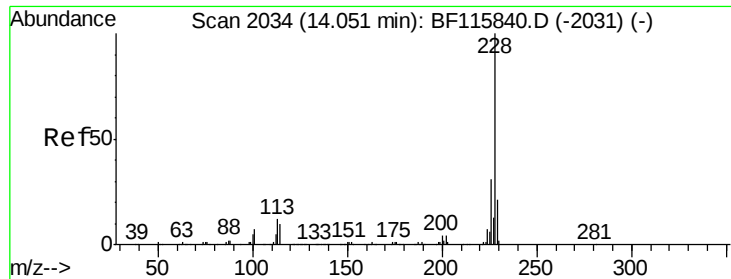
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#81
 Benzo(a)anthracene
 Concen: 3.115 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.5	16.1	24.1





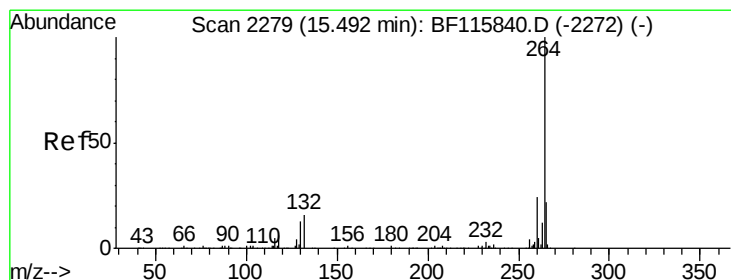
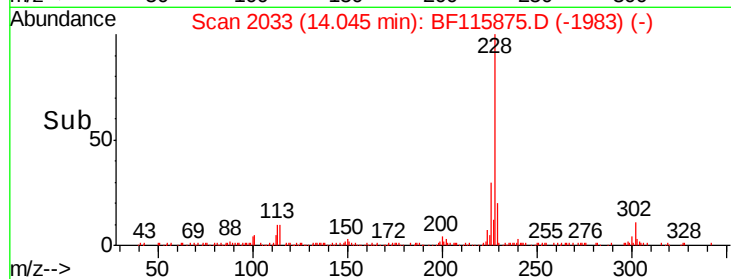
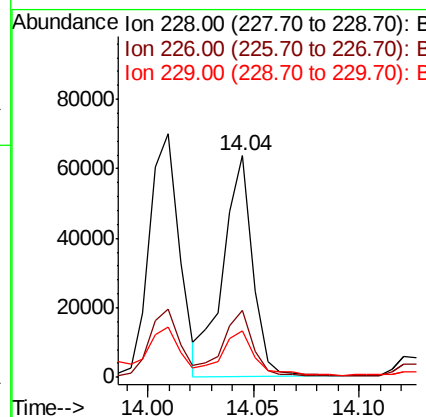
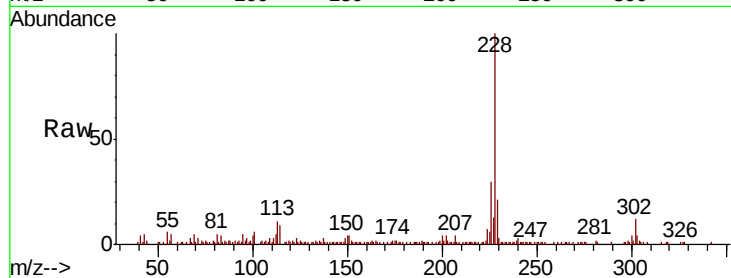
#83
 Chrysene
 Concen: 2.809 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	21.3	16.4	24.6

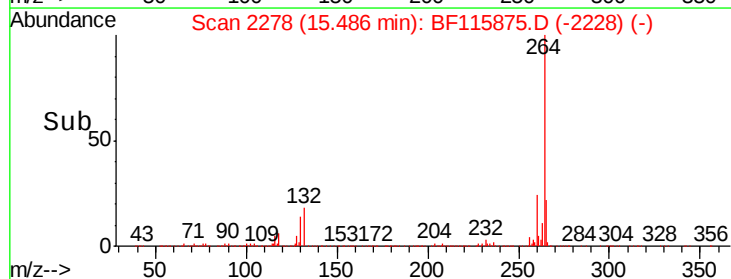
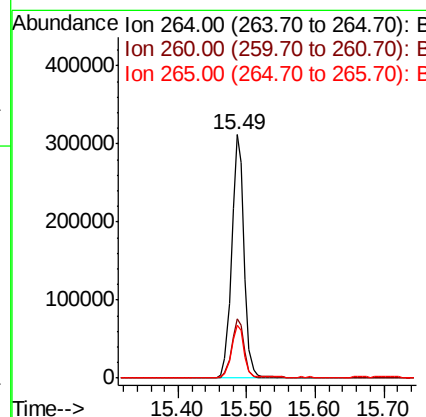
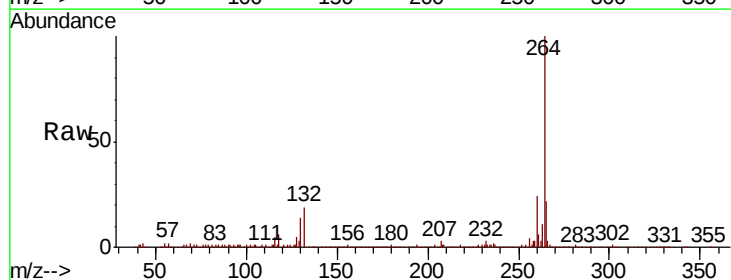
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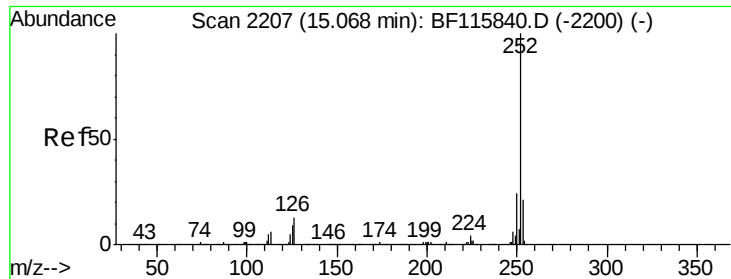
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF115875.D
 Acq: 31 Jul 2019 19:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.7	17.5	26.3





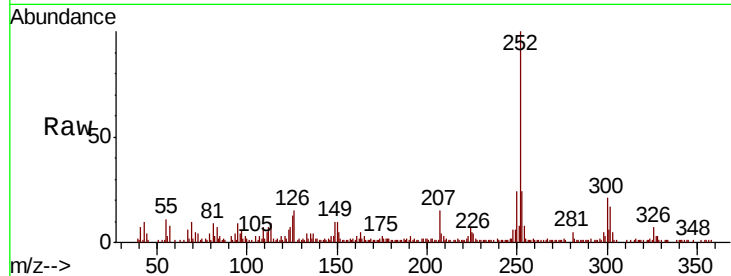
#88
Benzo(b)fluoranthene
Concen: 3.137 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF115875.D
Acq: 31 Jul 2019 19:26

Instrument :
BNA_F
ClientSampleId :
TP-5

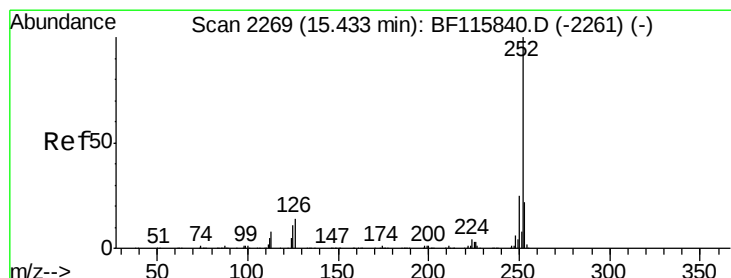
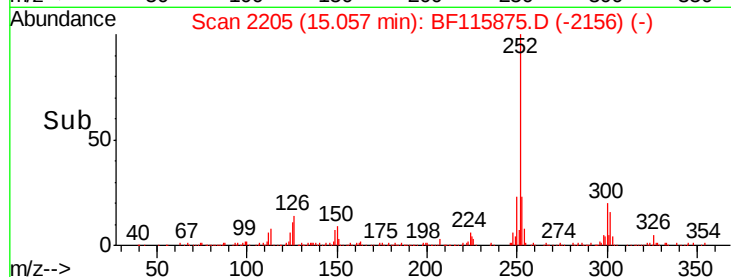
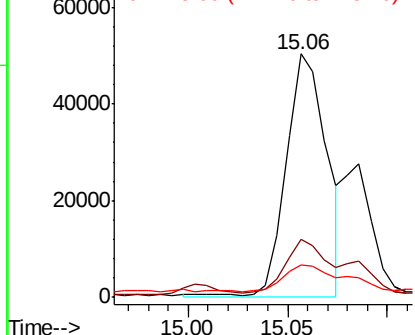
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	13.3	7.4	11.0

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.636 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115875.D
Acq: 31 Jul 2019 19:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	14.0	8.8	13.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

