

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115901.D
 Acq On : 1 Aug 2019 12:19
 Operator : HP/JU
 Sample : K4021-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Manual Integrations
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Quant Time: Aug 01 18:38:30 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	140703	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	562485	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	299952	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	502509	20.00	ng	0.00
76) Chrysene-d12	14.03	240	363558	20.00	ng	0.00
87) Perylene-d12	15.50	264	418851	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	621079	73.89	ng	0.00
7) Phenol-d6	6.49	99	820654	77.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	497384	51.04	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	200048	68.79	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	831191	51.90	ng	0.00
79) Terphenyl-d14	12.96	244	859948	49.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	139590	6.835	ng	98
71) Phenanthrene	11.40	178	265327	10.328	ng	99
75) Fluoranthene	12.60	202	304420	11.319	ng	98
78) Pyrene	12.82	202	276417	10.086	ng	98
81) Benzo(a)anthracene	14.02	228	139076	5.985	ng	98
83) Chrysene	14.05	228	133333	5.910	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	112298	5.927	ng	99
88) Benzo(b)fluoranthene	15.07	252	161975m	6.688	ng	
89) Benzo(k)fluoranthene	15.10	252	76259m	3.233	ng	
90) Benzo(a)pyrene	15.44	252	128530	5.937	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	62666	3.344	ng	# 91
92) Benzo(a,h,i)perylene	17.42	276	110092	5.982	ng	99

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

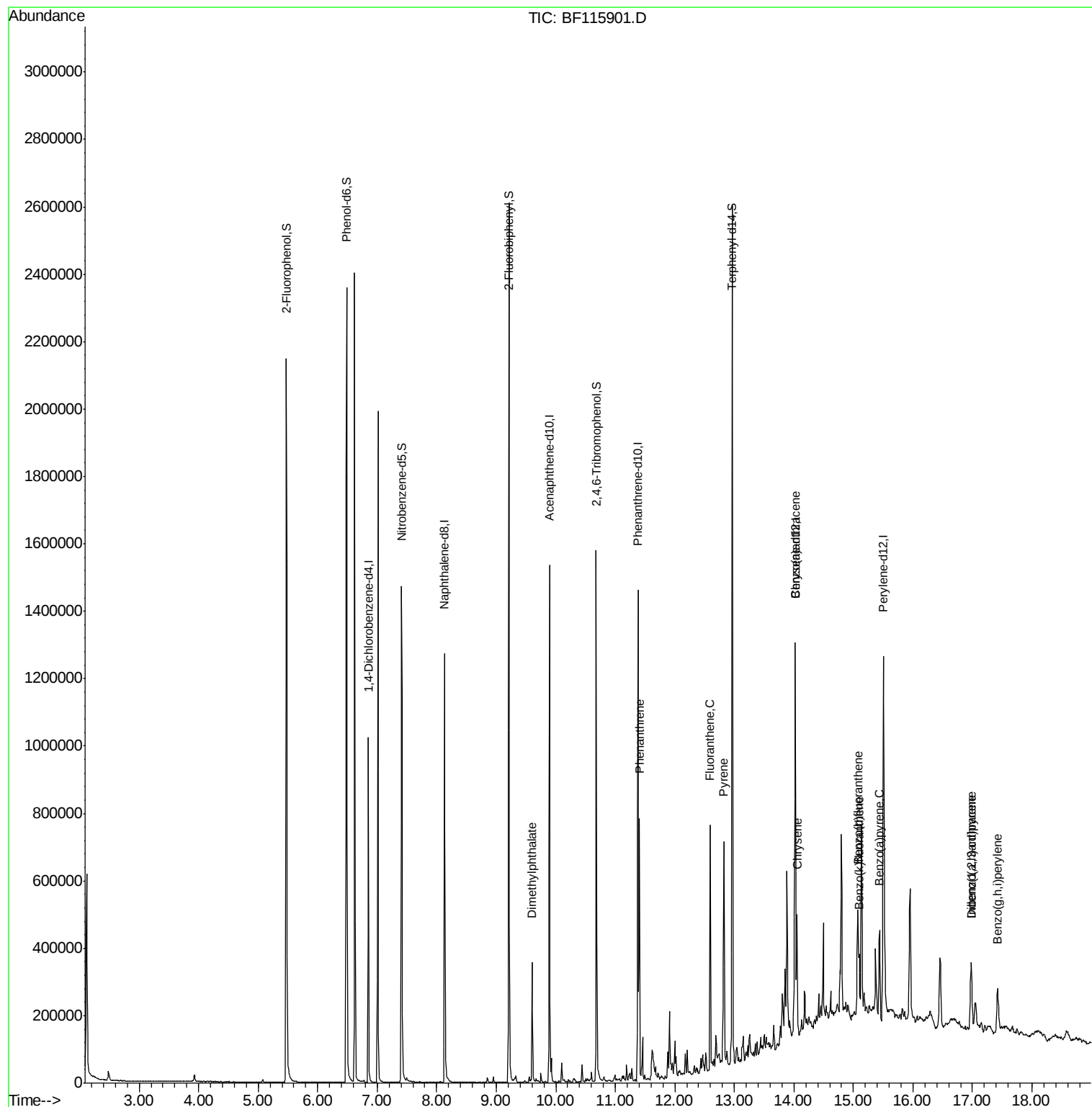
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115901.D
Acq On : 1 Aug 2019 12:19
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Sample : K4021-09
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ALS Vial : 9 Sample Multiplier: 1

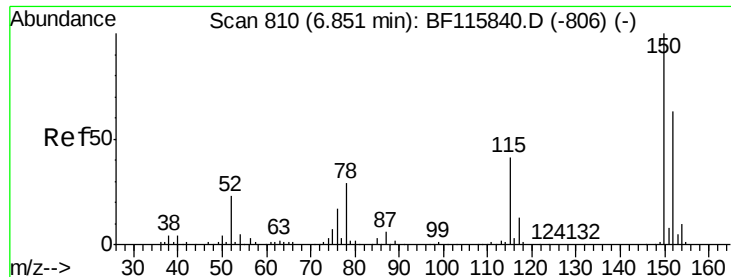
Instrument :
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TP-7

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#1

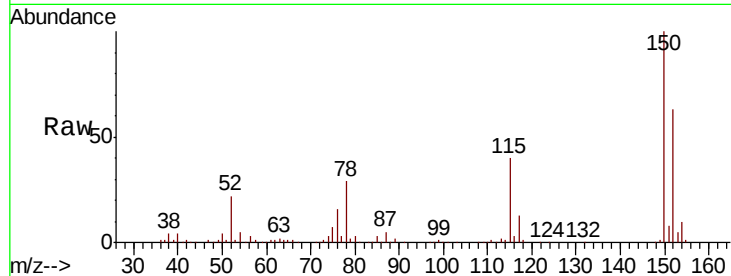
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.0
115	63.2	51.8	77.8

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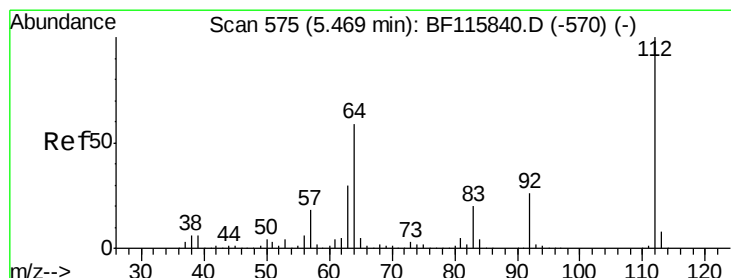
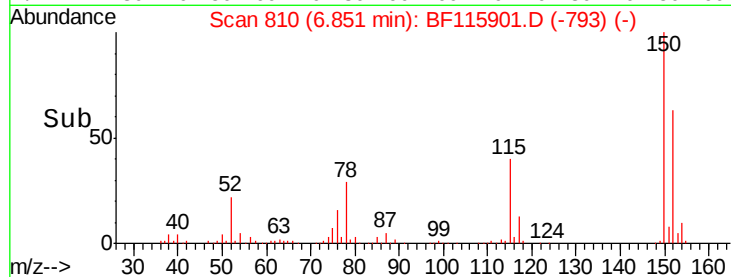
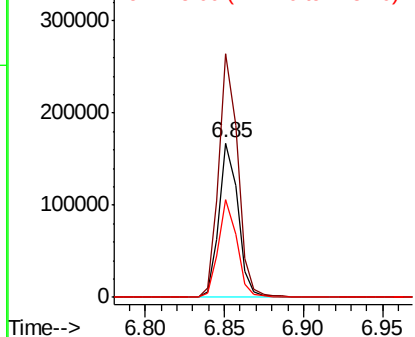


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

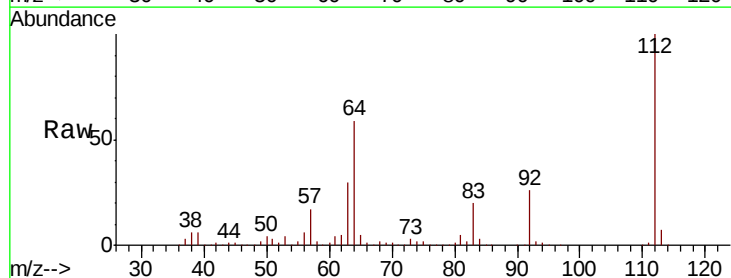
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.895 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.8	70.2
63	30.1	24.2	36.2

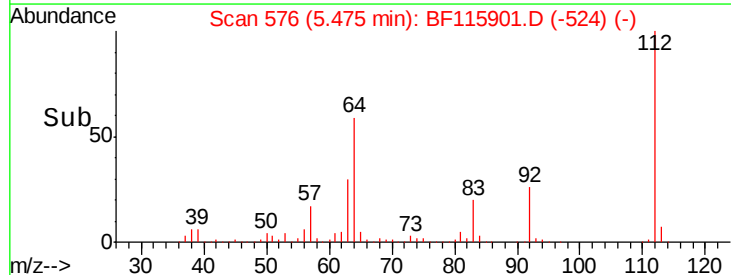
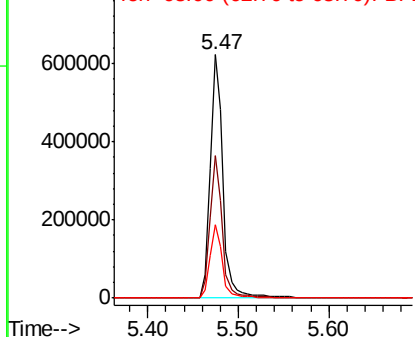


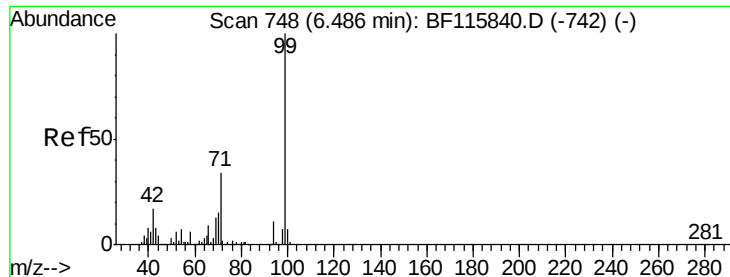
Abundance

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: 77.389 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115901.D

Acq: 1 Aug 2019 12:19

Instrument :

BNA_F

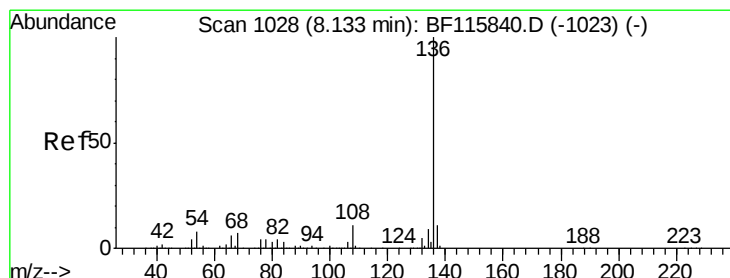
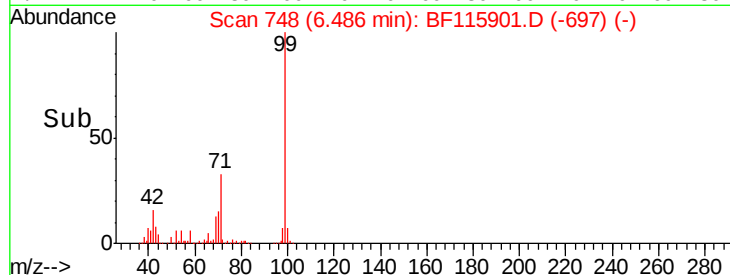
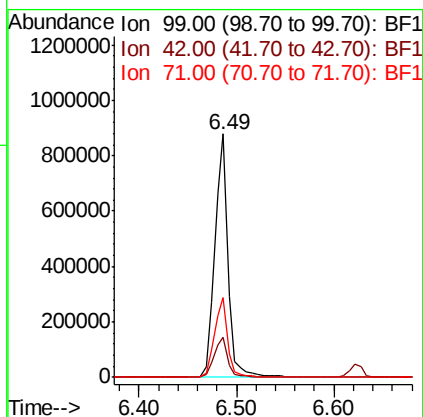
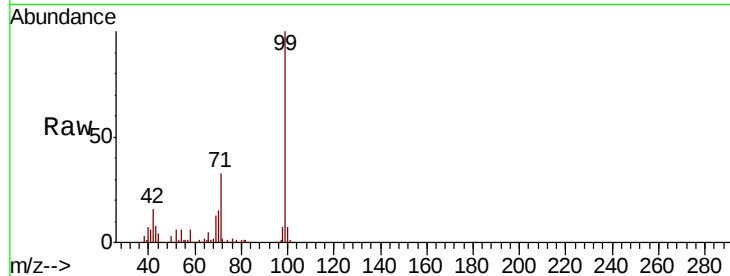
ClientSampled :

TP-7

Tot Ion:	99	Resp:	820654
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	32.9	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

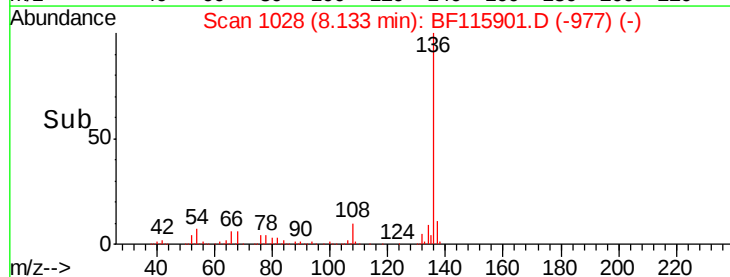
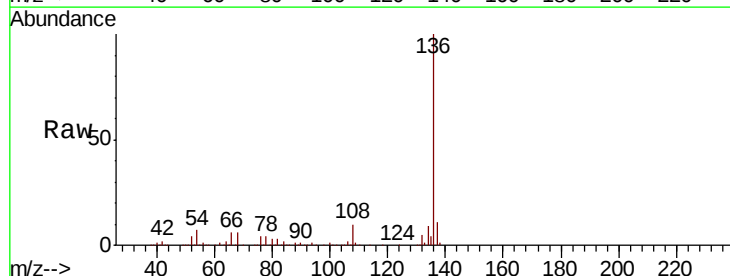
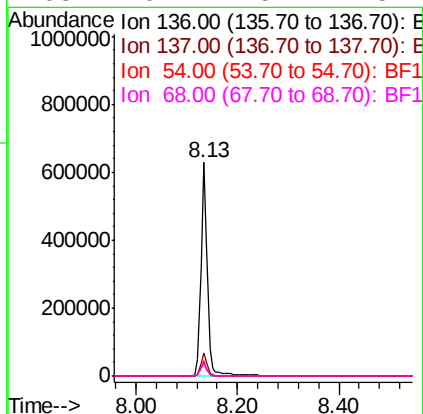
RT: 8.13 min Scan# 1028

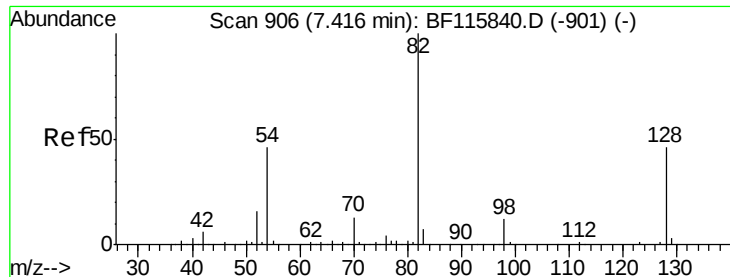
Delta R.T. -0.00 min

Lab File: BF115901.D

Acq: 1 Aug 2019 12:19

Tgt Ion:	136	Resp:	562485
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	6.1	9.1
68	6.1	5.4	8.2





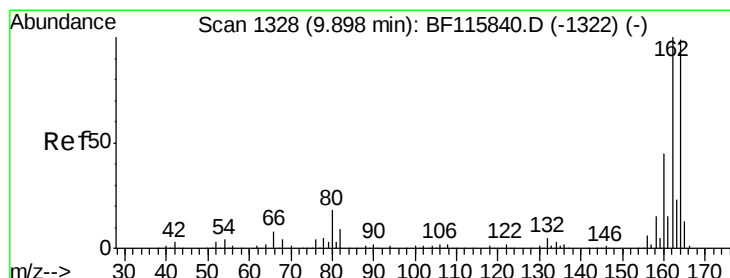
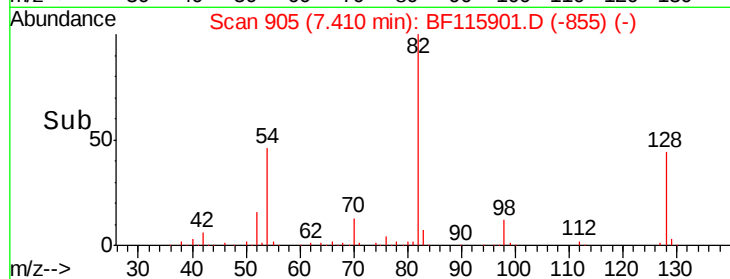
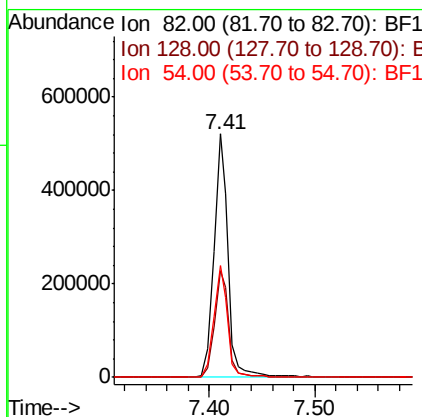
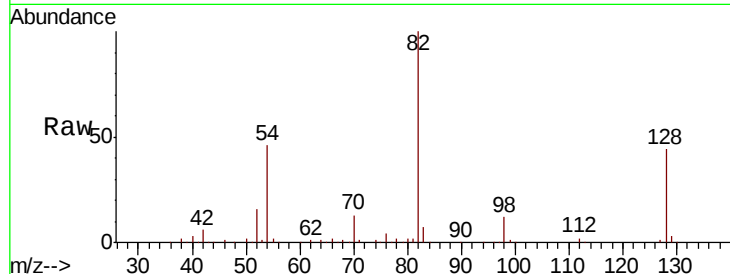
#23
 Nitrobenzene-d5
 Concen: 51.042 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115901.D
 Acq: 1 Aug 2019 12:19

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.6	55.0
54	46.0	36.6	55.0

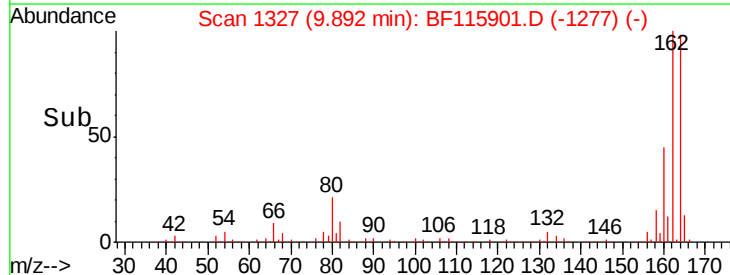
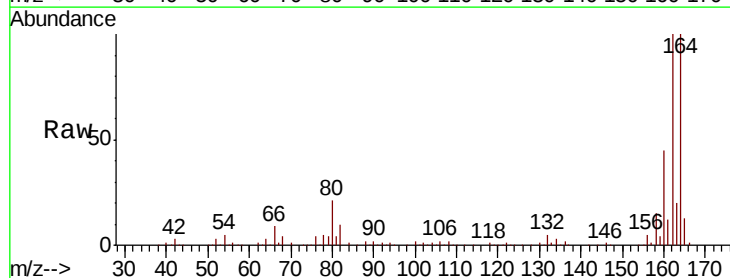
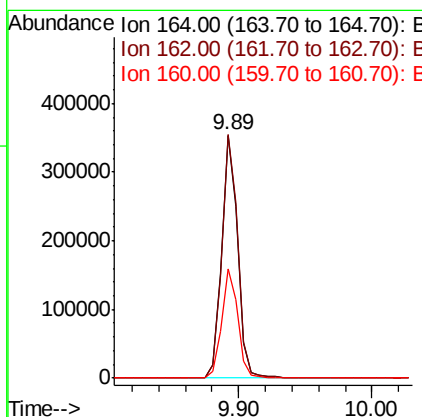
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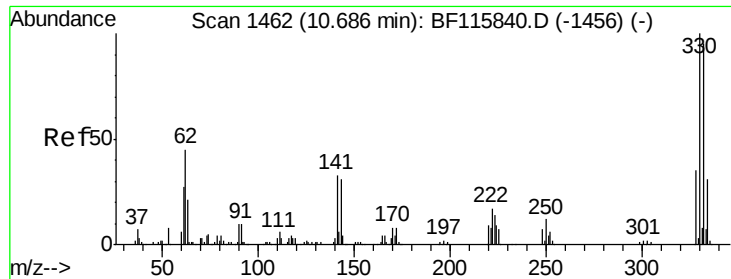
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115901.D
 Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.8	121.2
160	45.2	36.2	54.4





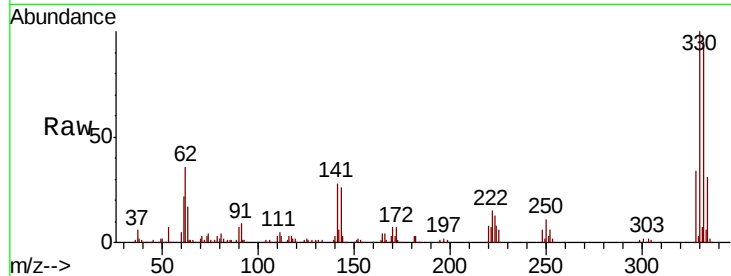
#42
 2,4,6-Tribromophenol
 Concen: 68.790 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF115901.D
 Acq: 1 Aug 2019 12:19

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	200048		
332	95.5		77.7	116.5
141	35.0		28.1	42.1

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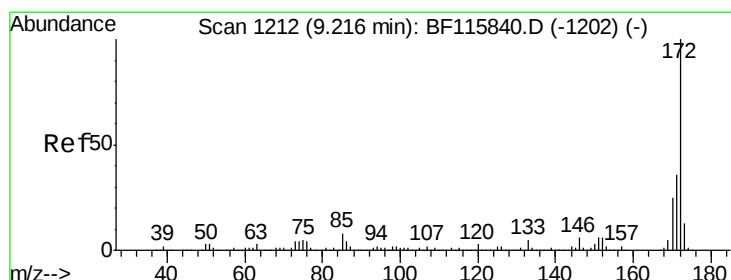
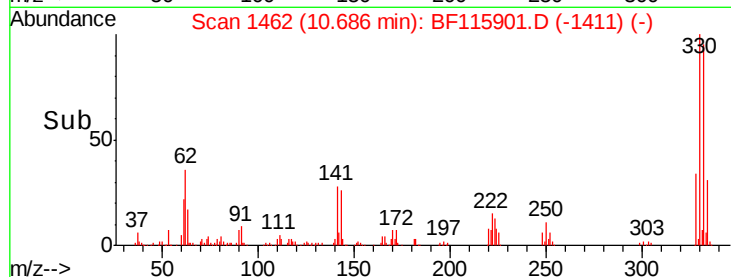
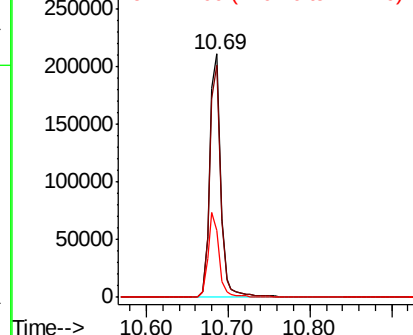


Abundance

Ion 329.80 (329.50 to 330.50): E

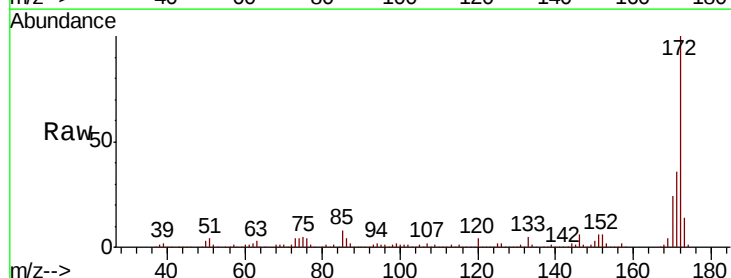
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 51.904 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115901.D
 Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	831191		
171	36.1		29.1	43.7
170	24.3		20.1	30.1

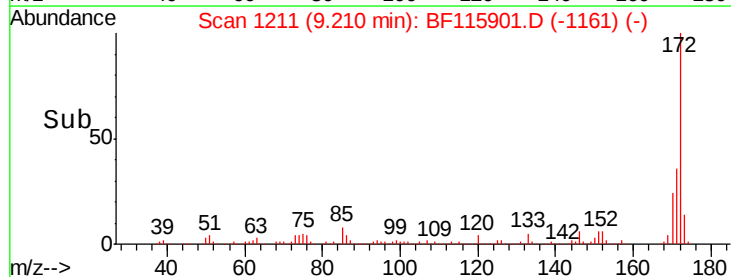
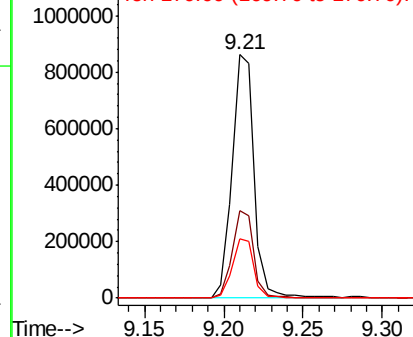


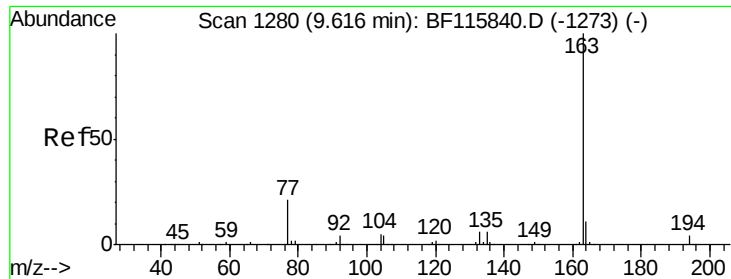
Abundance

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





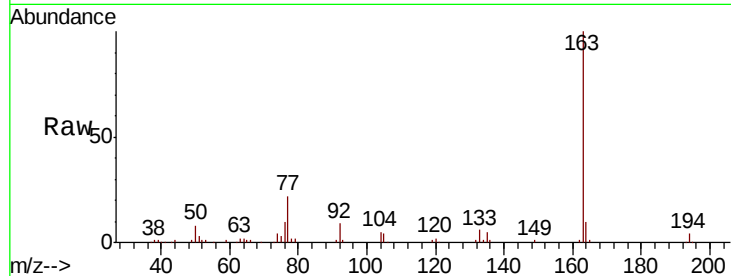
#50
Dimethylphthalate
Concen: 6.835 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Resp	Lower	Upper
163	100	139590		
194	3.7		3.0	4.6
164	9.7		8.4	12.6

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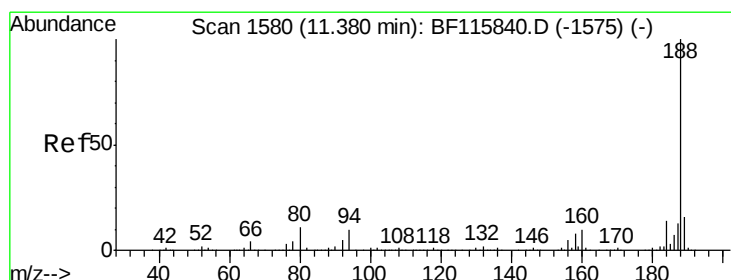
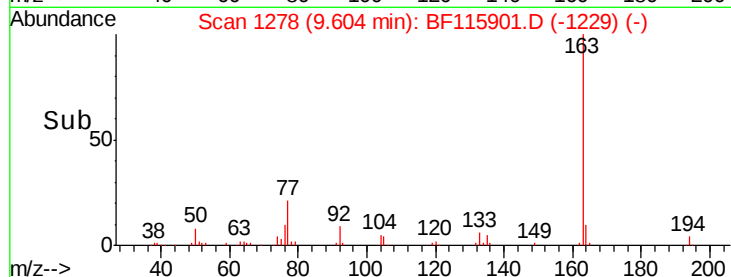
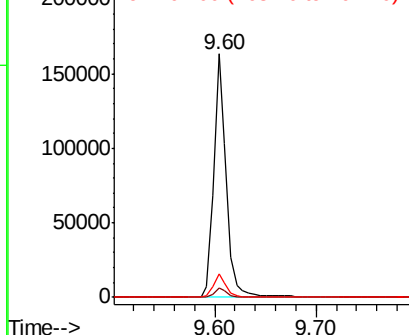


Abundance

Ion 163.00 (162.70 to 163.70): E

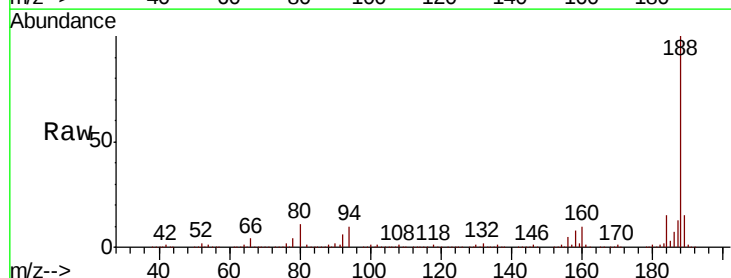
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	502509		
94	9.9		8.0	12.0
80	10.8		8.6	12.8

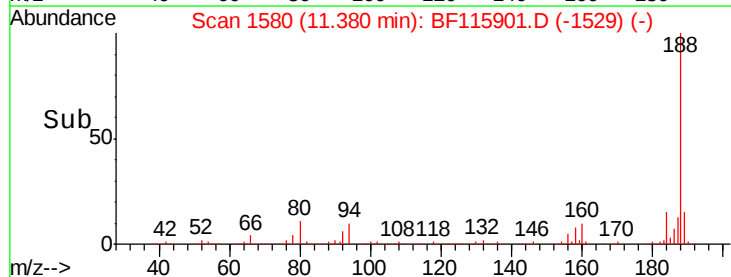
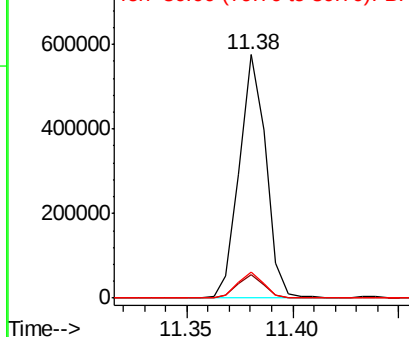


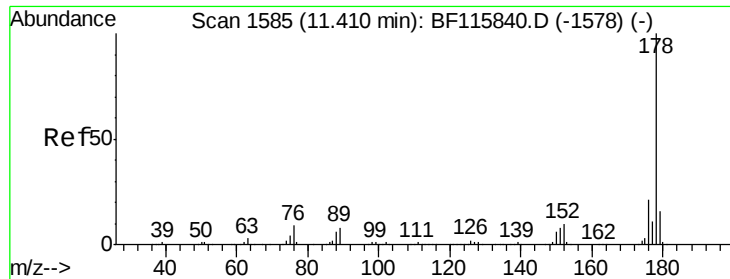
Abundance

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





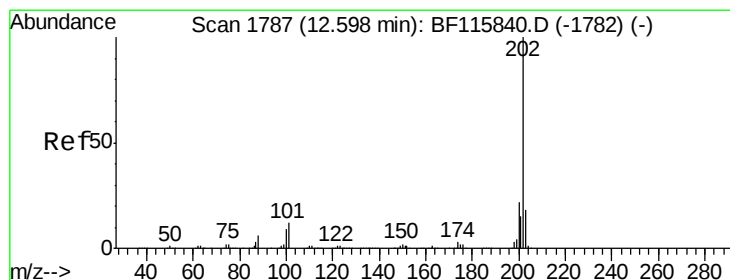
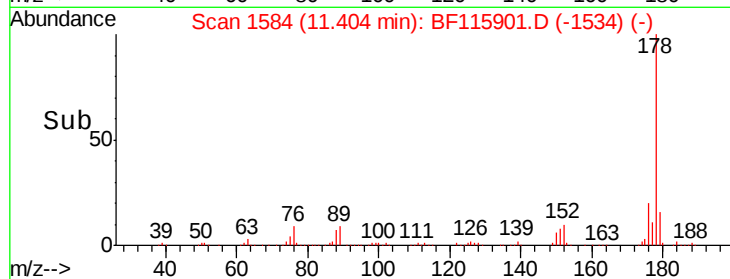
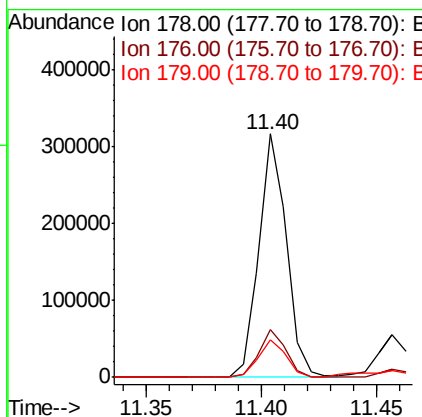
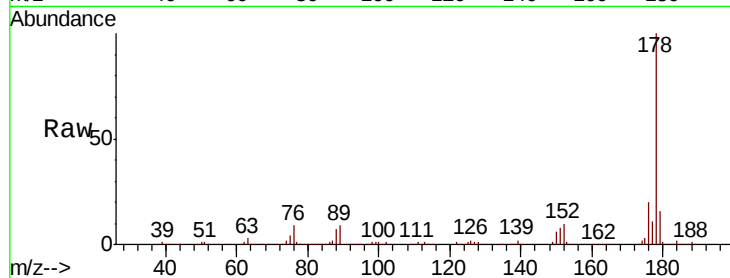
#71
Phenanthrene
Concen: 10.328 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	15.6	12.6	18.8

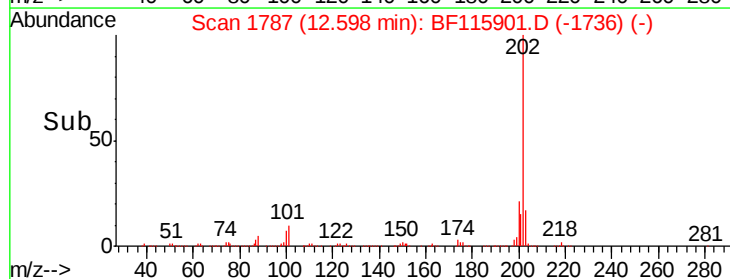
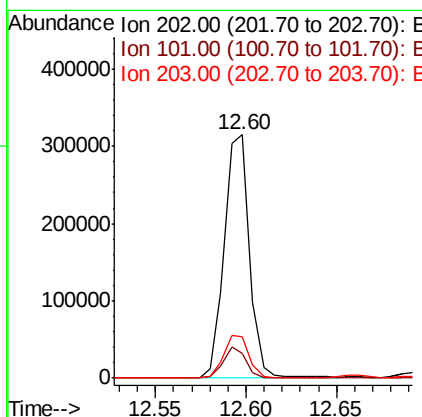
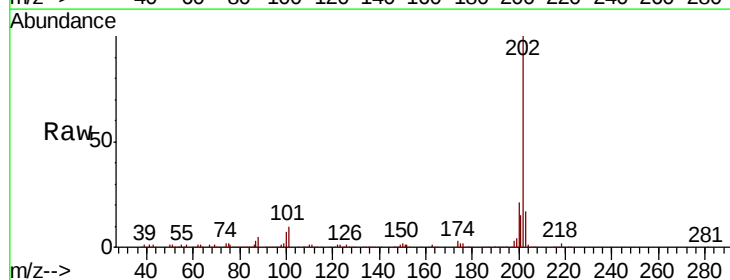
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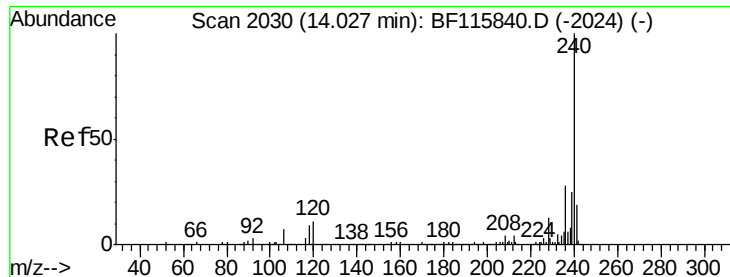
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#75
Fluoranthene
Concen: 11.319 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.5
203	17.1	0.0	37.9





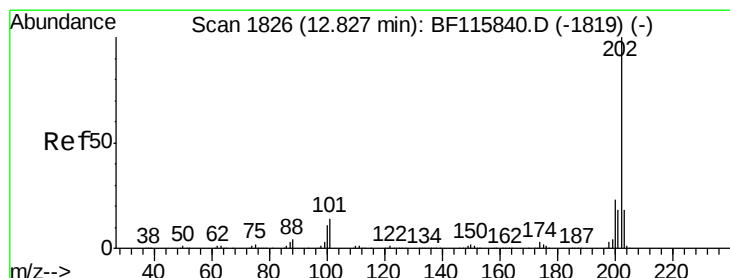
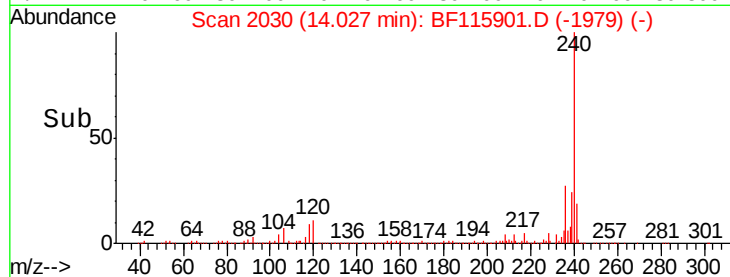
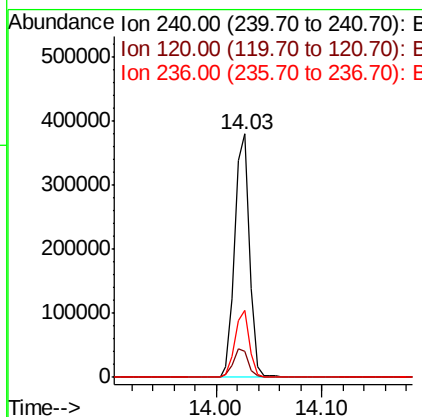
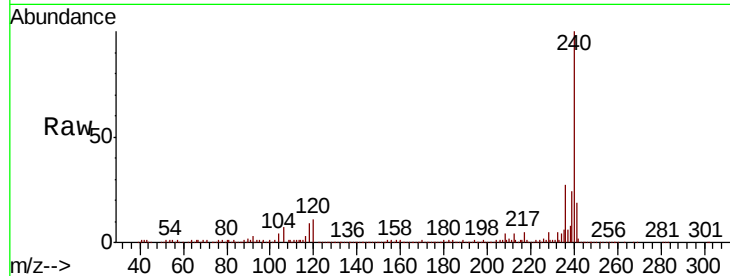
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion	Ratio	Resp	Lower	Upper
240	100	363558		
120	10.6		8.5	12.7
236	27.4		22.2	33.2

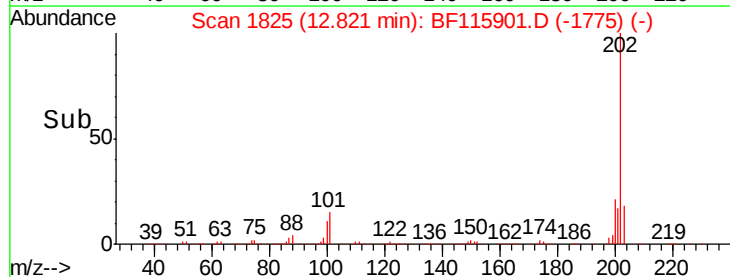
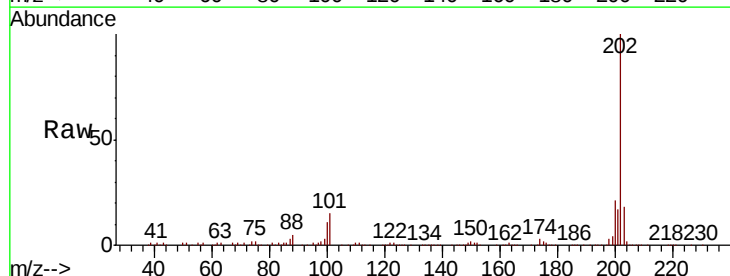
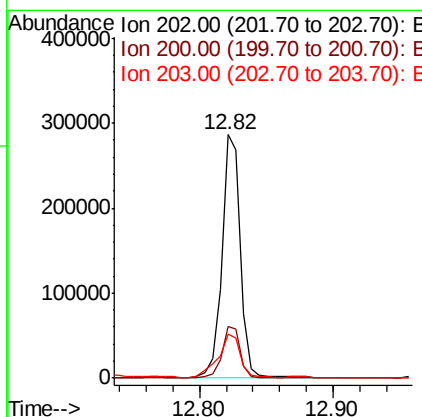
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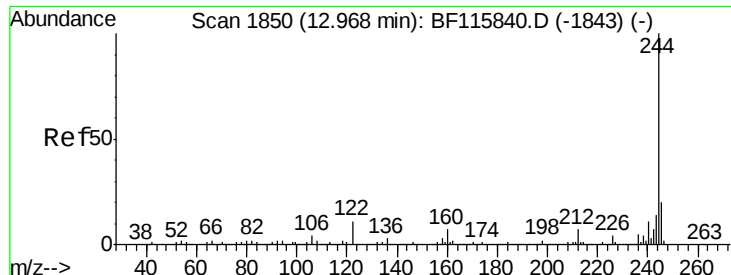
mohammad
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#78
Pyrene
Concen: 10.086 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	276417		
200	21.2		18.2	27.2
203	17.9		14.3	21.5





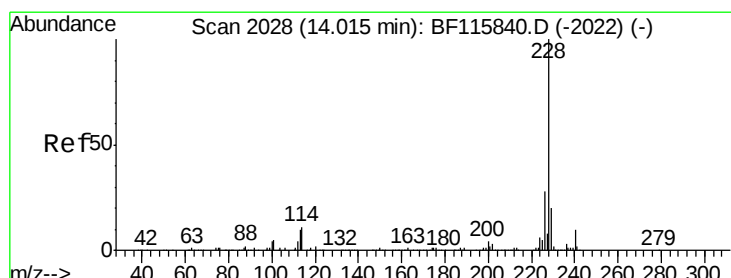
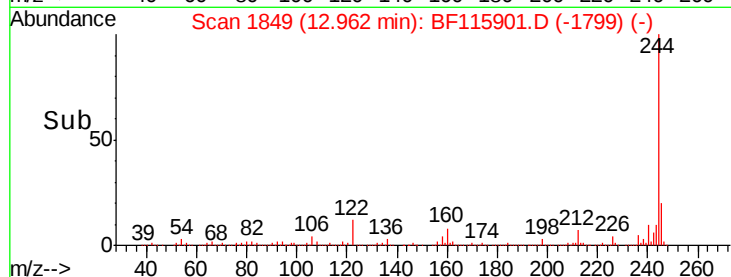
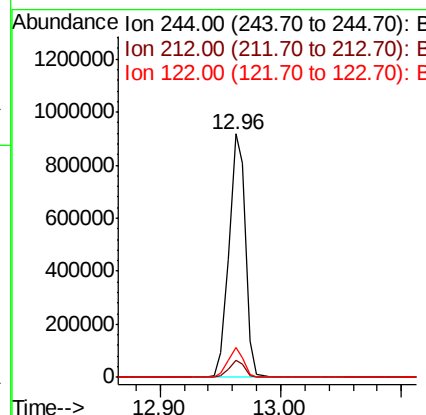
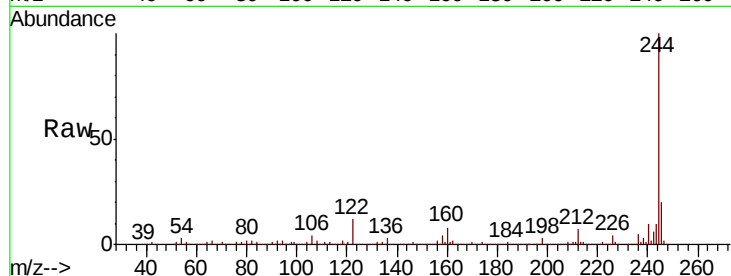
#79
 Terphenyl-d14
 Concen: 49.842 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115901.D
 Acq: 1 Aug 2019 12:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.2	8.6	13.0

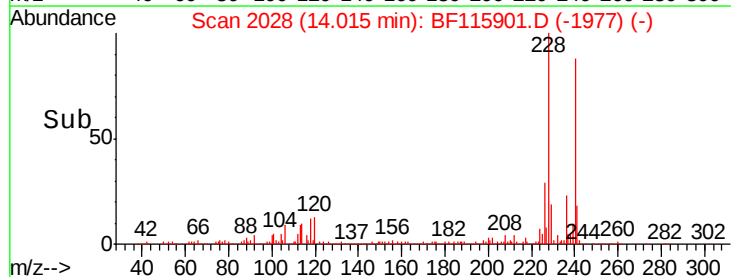
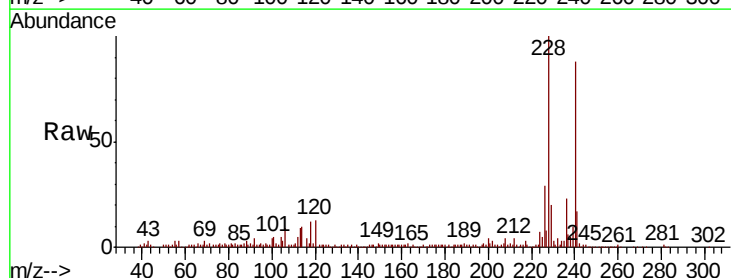
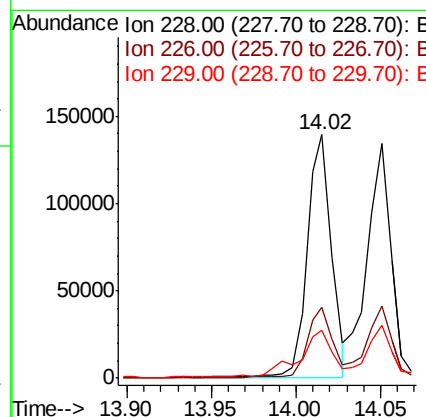
Manual Integrations
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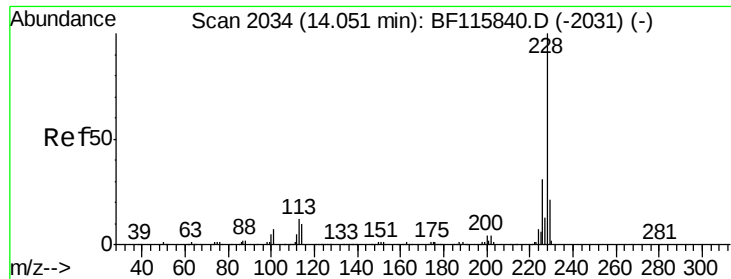
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.985 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF115901.D
 Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.5	33.7
229	19.7	16.1	24.1





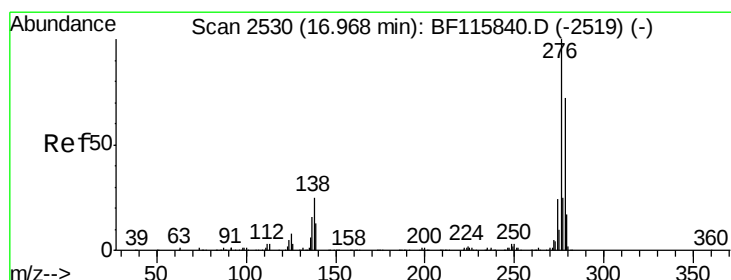
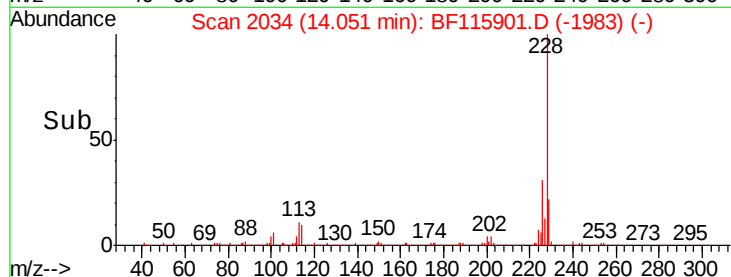
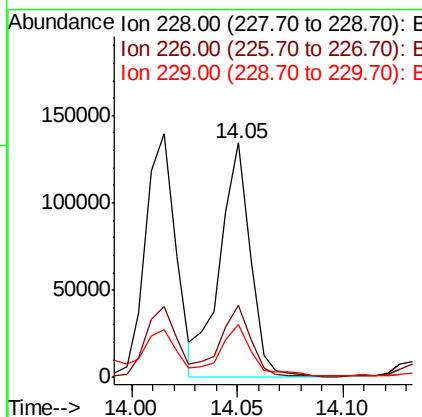
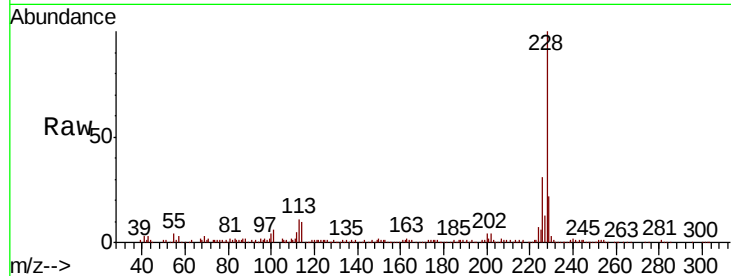
#83
Chrysene
Concen: 5.910 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	22.3	16.4	24.6

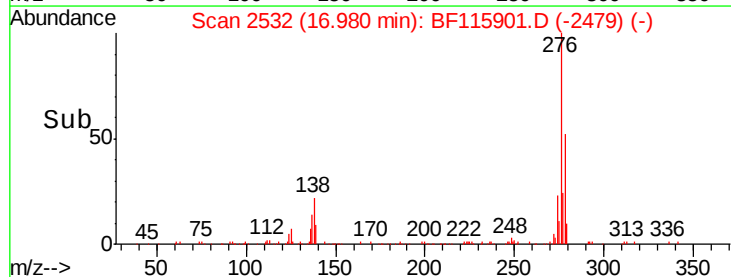
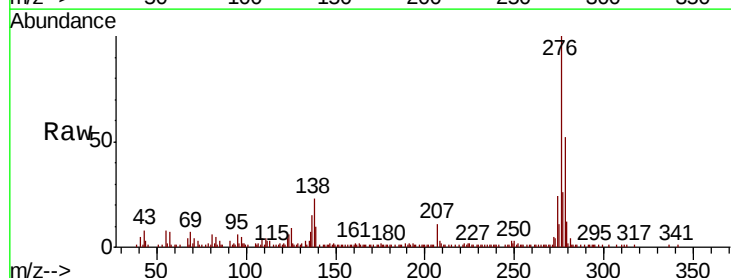
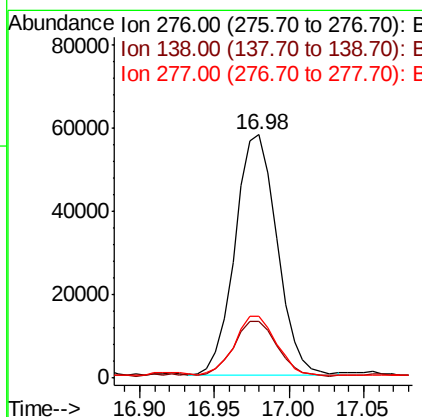
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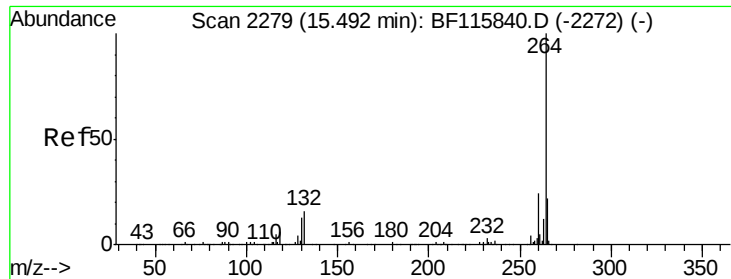
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.927 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.6	29.4
277	24.8	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF115901.D

Acq: 1 Aug 2019 12:19

Instrument :

BNA_F

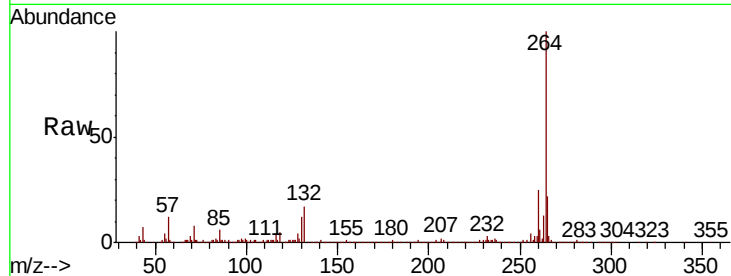
ClientSampleId :

TP-7

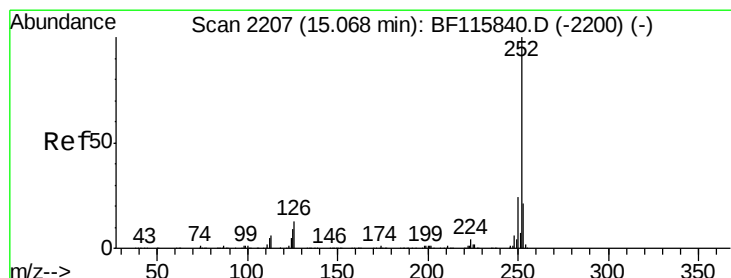
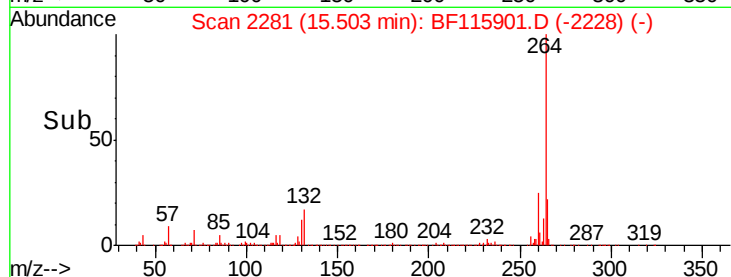
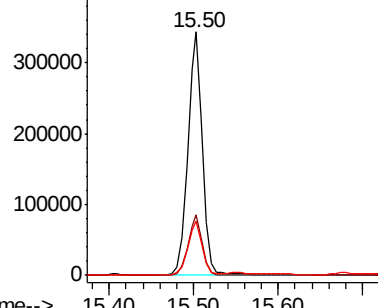
Tot Ion:	264	Resp:	418851
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	22.1	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 6.688 ng m

RT: 15.07 min Scan# 2208

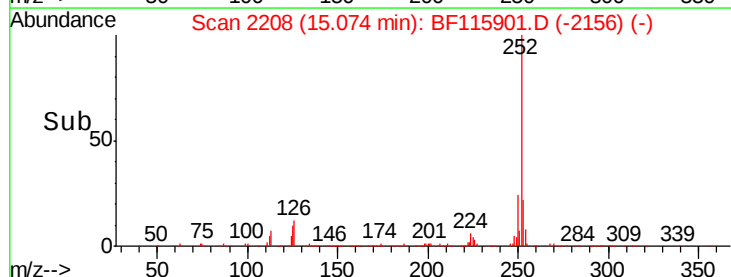
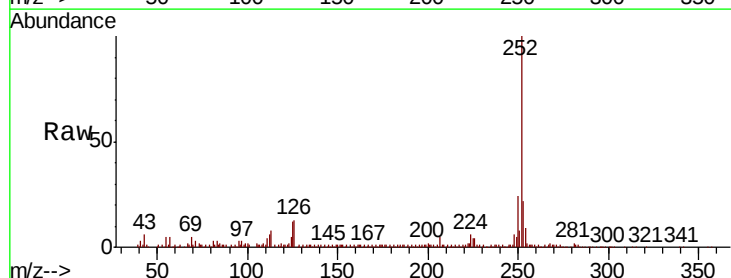
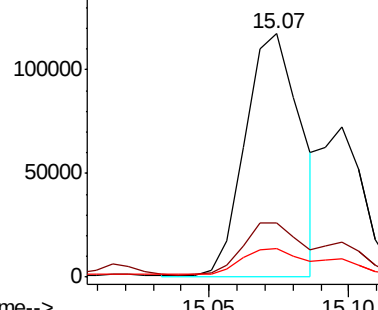
Delta R.T. 0.01 min

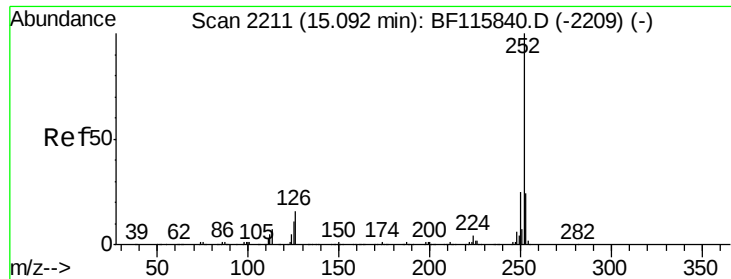
Lab File: BF115901.D

Acq: 1 Aug 2019 12:19

Tgt Ion:	252	Resp:	161975
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	11.5	7.4	11.0#

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





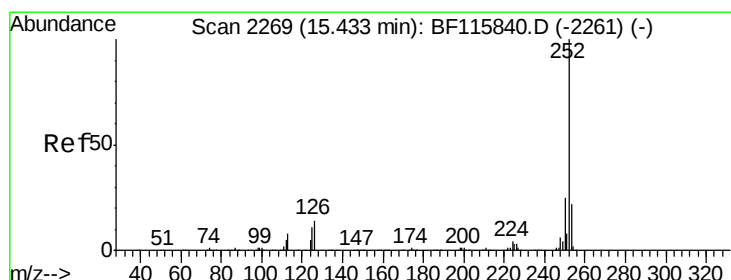
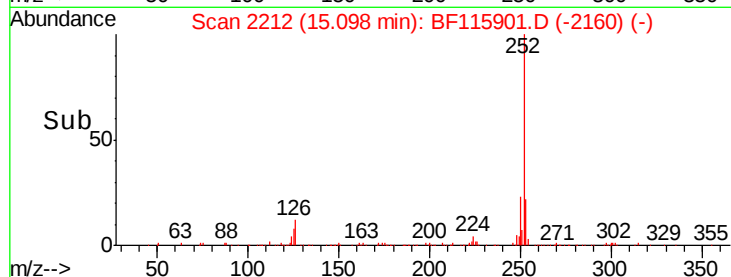
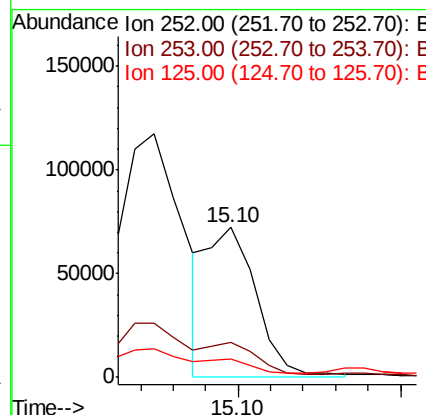
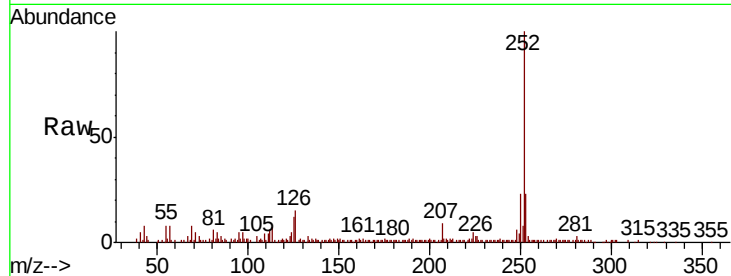
#89
Benzo(k)fluoranthene
Concen: 3.233 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.1	8.9	13.3

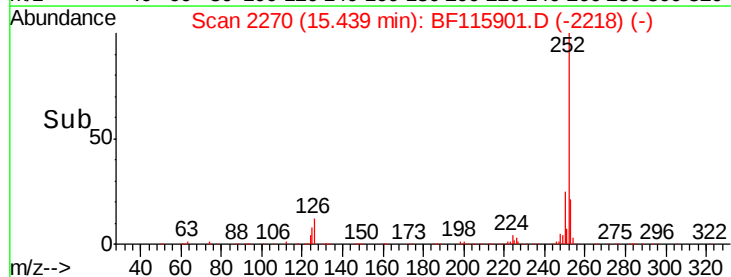
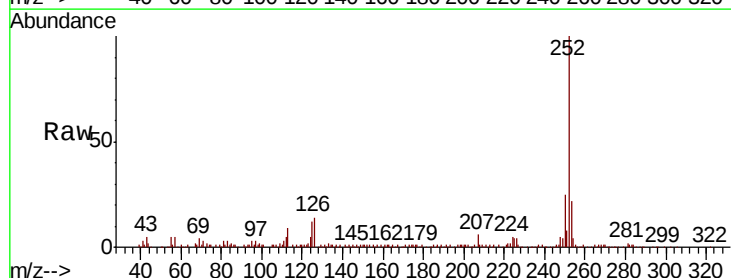
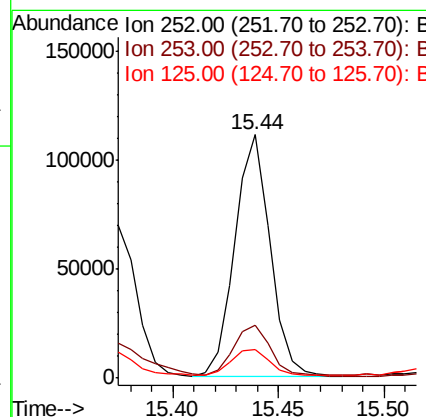
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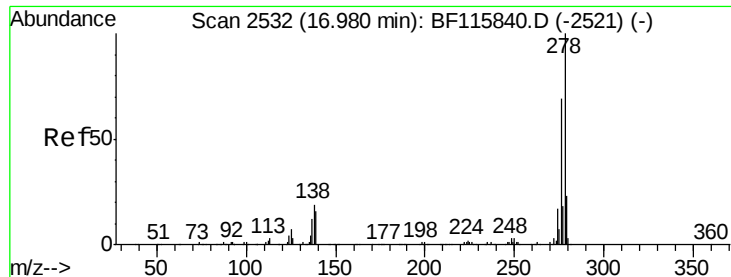
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#90
Benzo(a)pyrene
Concen: 5.937 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.8	8.8	13.2





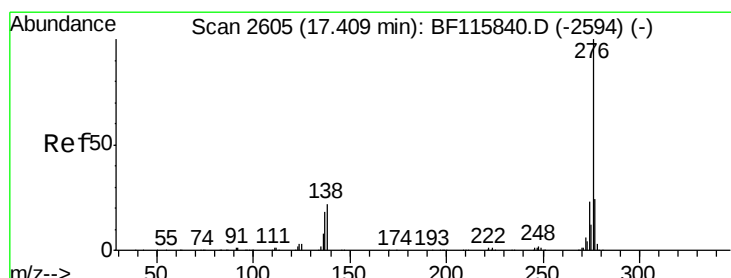
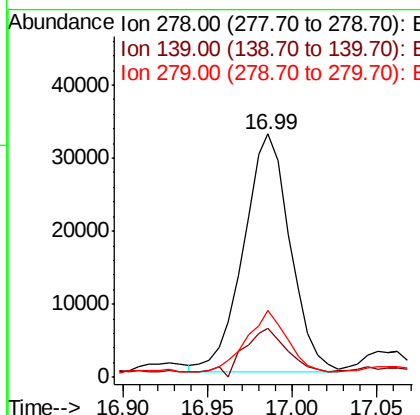
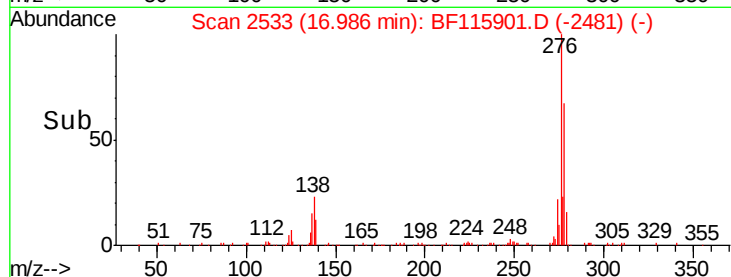
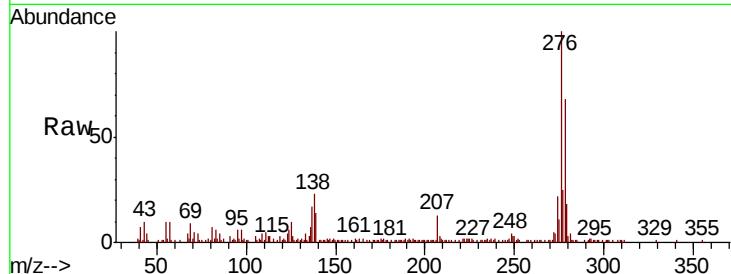
#91
Dibenzo(a,h)anthracene
Concen: 3.344 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.3	12.6	19.0#
279	27.3	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 5.982 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF115901.D
Acq: 1 Aug 2019 12:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	22.4	17.8	26.8

