

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116491.D
 Acq On : 23 Aug 2019 21:39
 Operator : HP/JU
 Sample : K4385-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T8-E1-E4-(0-2)

Manual Integrations
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 8/28/2019 8:11:04 AM

Quant Time: Aug 24 04:13:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	96067	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	319340	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	133009	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	192144	20.00	ng	0.00
76) Chrysene-d12	14.03	240	183681	20.00	ng	0.00
87) Perylene-d12	15.50	264	228709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	565617	86.03	ng	0.00
7) Phenol-d6	6.50	99	709508	88.01	ng	0.00
23) Nitrobenzene-d5	7.43	82	425329	72.87	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	107379	94.02	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	578023	69.98	ng	0.00
79) Terphenyl-d14	12.98	244	467749	47.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	43771	4.717	ng	98
71) Phenanthrene	11.42	178	75029	7.168	ng	99
75) Fluoranthene	12.60	202	151470	13.997	ng	98
78) Pyrene	12.83	202	141385	9.625	ng	98
81) Benzo(a)anthracene	14.02	228	79265	6.663	ng	95
83) Chrysene	14.06	228	84080m	6.973	ng	
84) Bis(2-ethylhexyl)phthalate	14.02	149	19825	2.344	ng	# 93
86) Indeno(1,2,3-cd)pyrene	16.97	276	69281	6.708	ng	96
88) Benzo(b)fluoranthene	15.07	252	129947m	9.197	ng	
89) Benzo(k)fluoranthene	15.10	252	37524m	2.932	ng	
90) Benzo(a)pyrene	15.44	252	87024	6.969	ng	# 85
92) Benzo(a,h,i)perylene	17.42	276	70033	7.159	ng	96

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

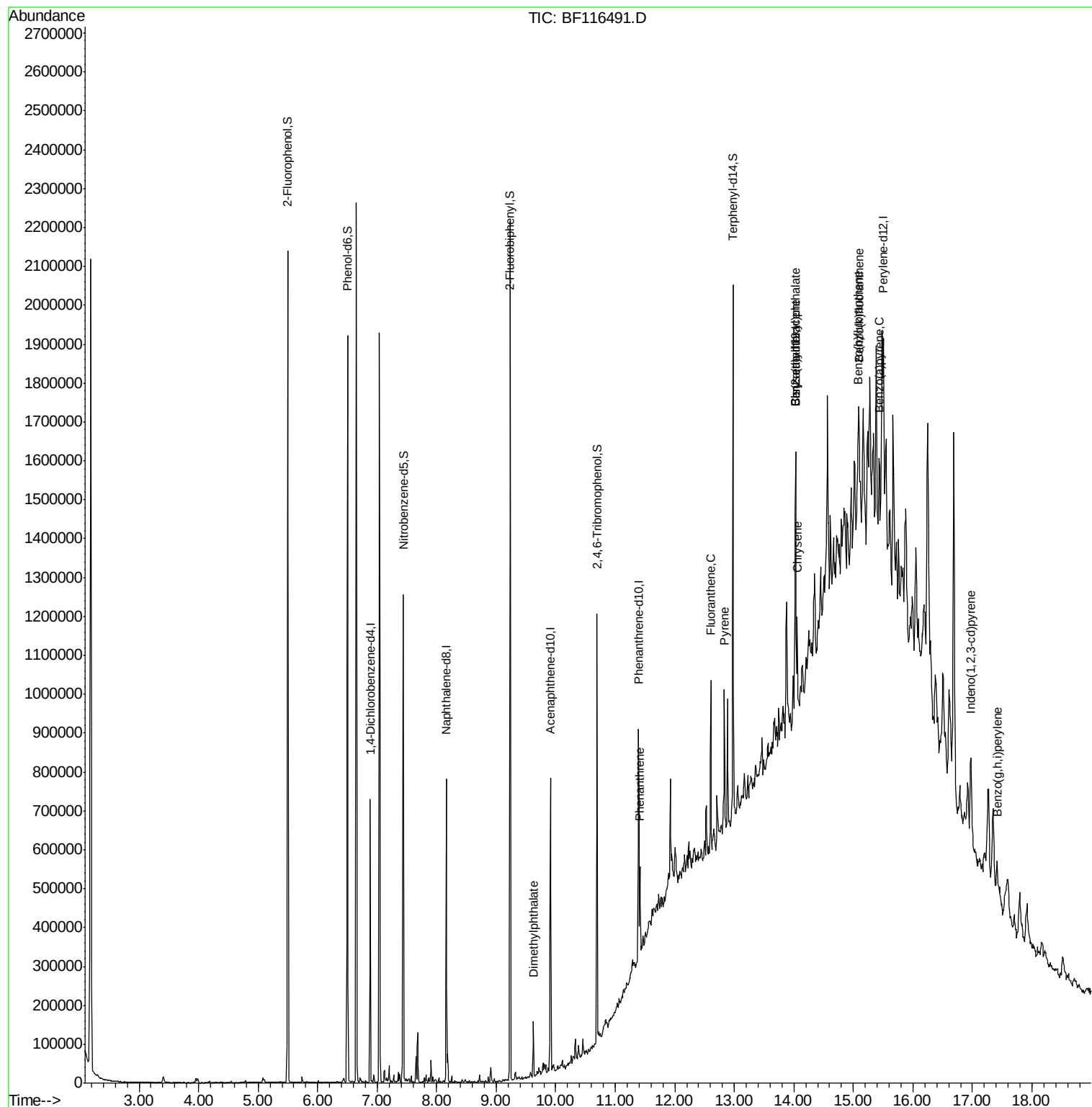
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116491.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

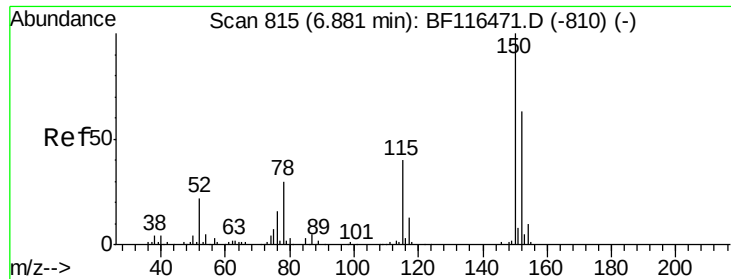
Instrument :
BNA_F
ClientSampled :
T8-E1-E4-(0-2)

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#1

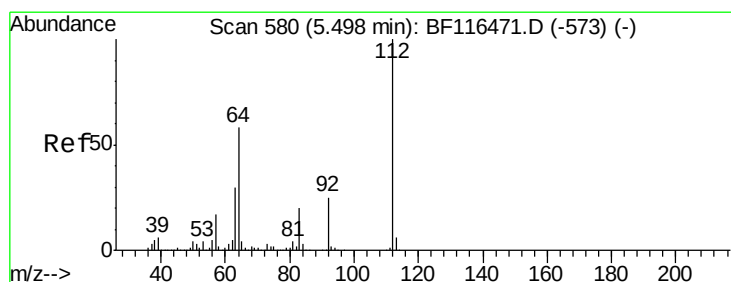
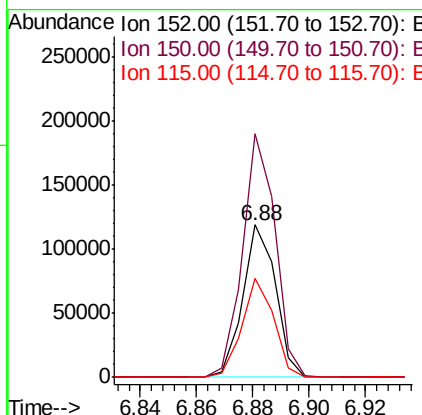
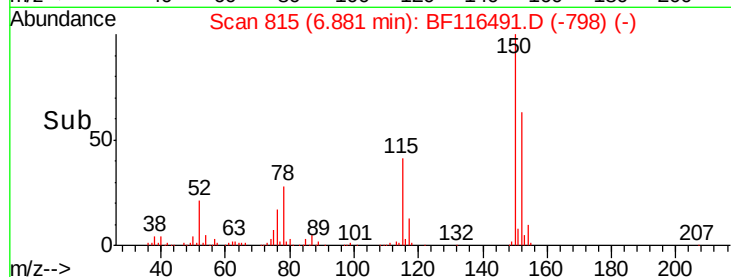
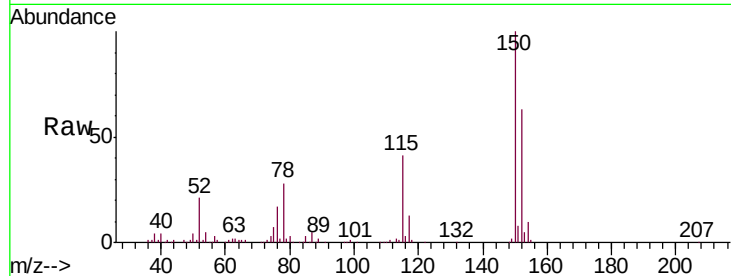
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.7	190.1
115	65.1	50.9	76.3

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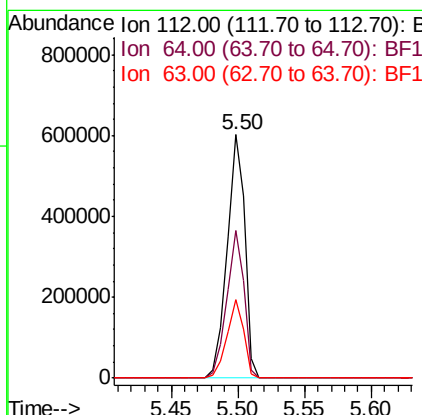
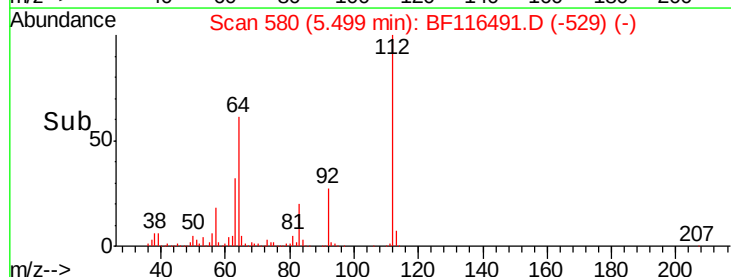
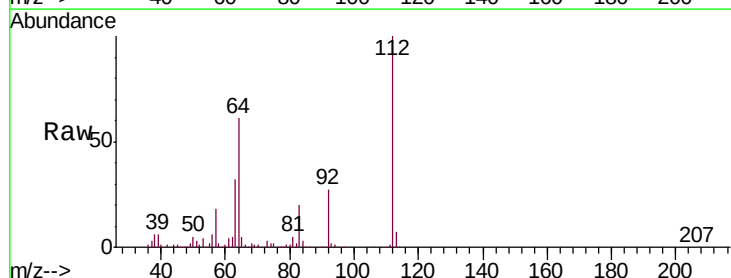
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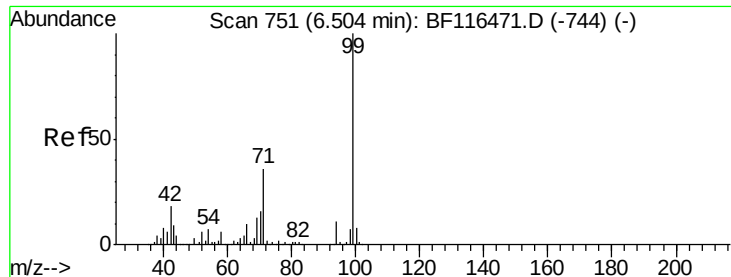


#5

2-Fluorophenol
Concen: 86.028 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.3	69.5
63	32.1	24.2	36.4





#7

Phenol-d6

Concen: 88.010 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF116491.D

Acq: 23 Aug 2019 21:39

Instrument :

BNA_F

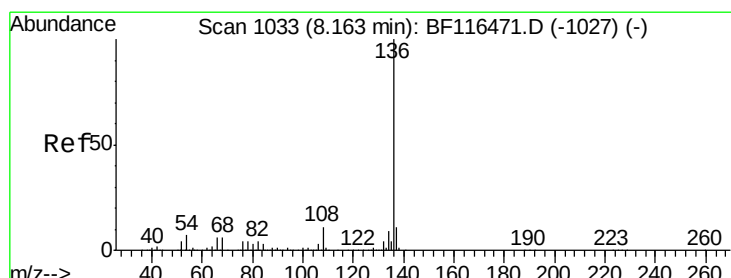
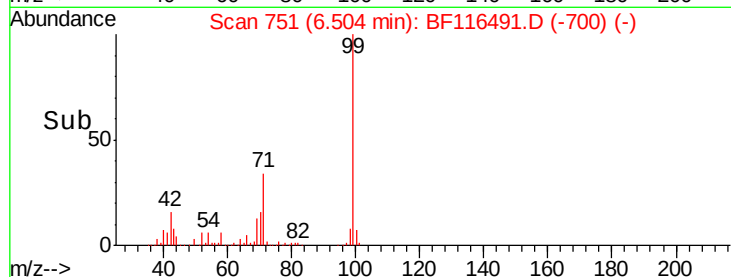
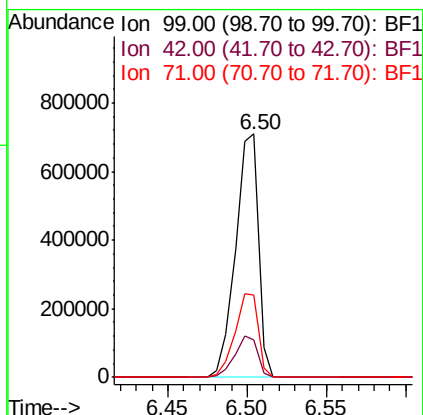
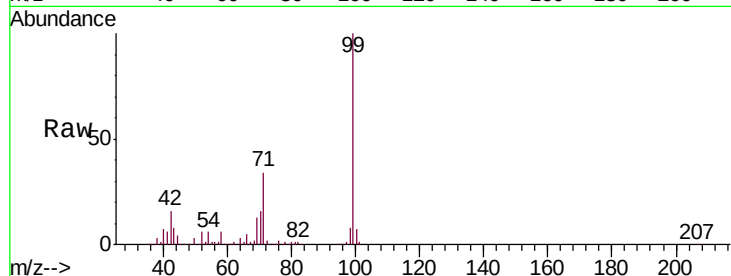
ClientSampleId :

T8-E1-E4-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		709508		
42	15.6	14.6	21.8		
71	33.8	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

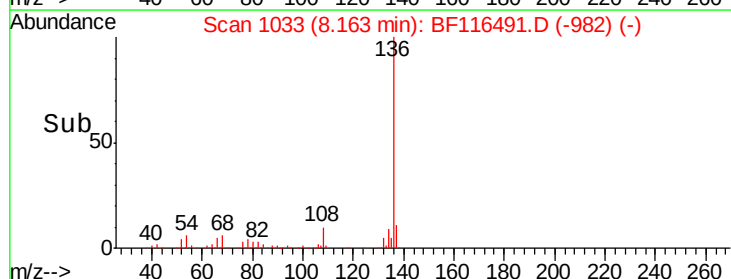
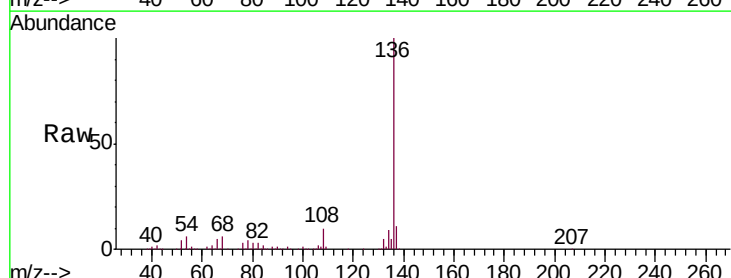
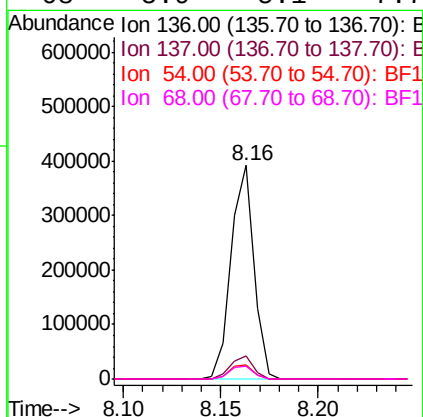
RT: 8.16 min Scan# 1033

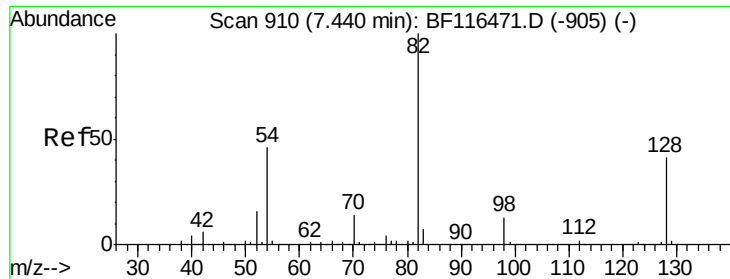
Delta R.T. 0.00 min

Lab File: BF116491.D

Acq: 23 Aug 2019 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		319340		
137	11.1	9.0	13.4		
54	6.4	5.8	8.6		
68	5.9	5.1	7.7		





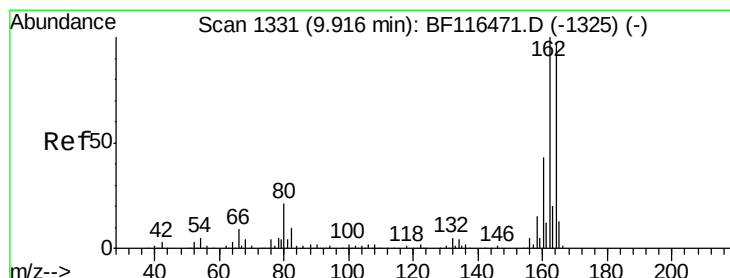
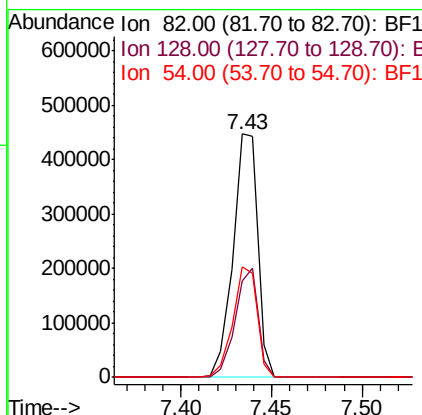
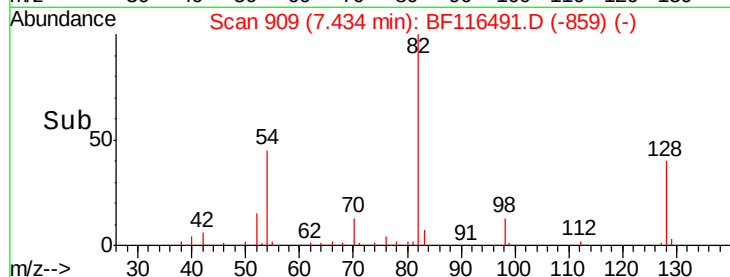
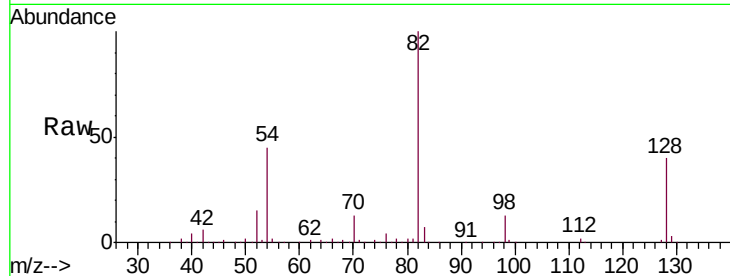
#23
 Nitrobenzene-d5
 Concen: 72.868 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116491.D
 Acq: 23 Aug 2019 21:39

Instrument :
 BNA_F
 ClientSampleId :
 T8-E1-E4-(0-2)

Tot Ion	82	Resp	425329
Ion Ratio	Lower	Upper	
82	100		
128	39.8	32.2	48.4
54	45.3	36.5	54.7

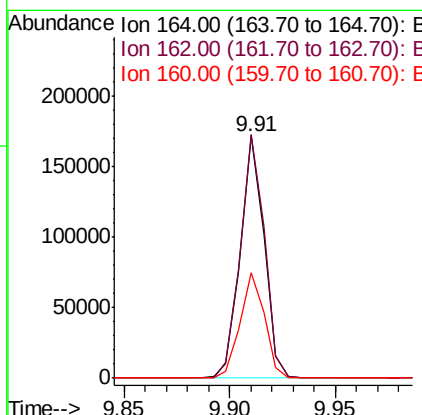
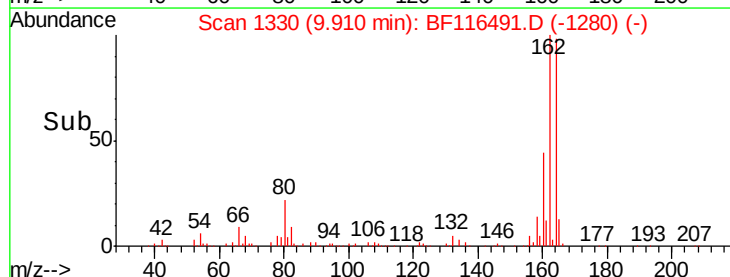
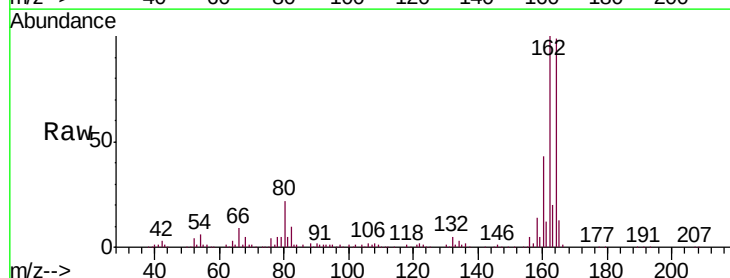
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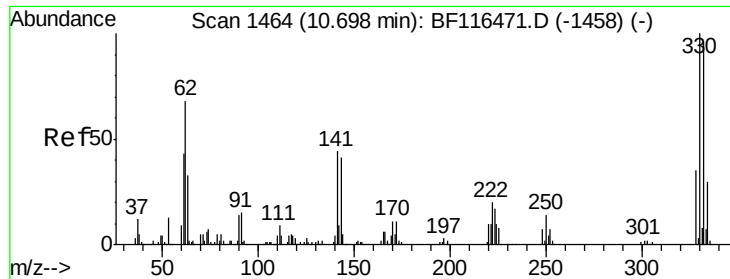
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116491.D
 Acq: 23 Aug 2019 21:39

Tgt Ion	164	Resp	133009
Ion Ratio	Lower	Upper	
164	100		
162	100.5	82.6	123.8
160	43.7	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 94.018 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF116491.D

Acq: 23 Aug 2019 21:39

Instrument :

BNA_F

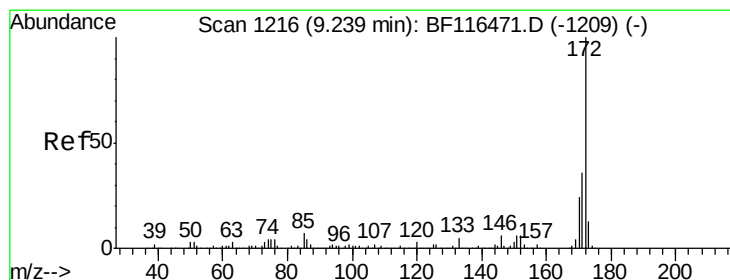
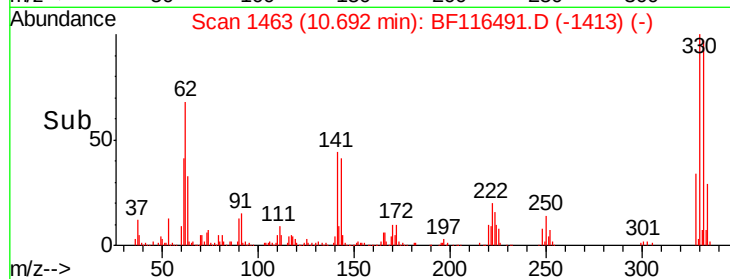
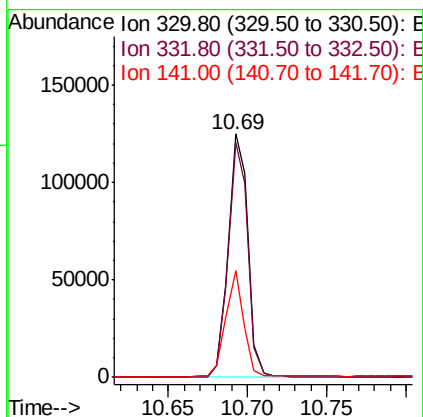
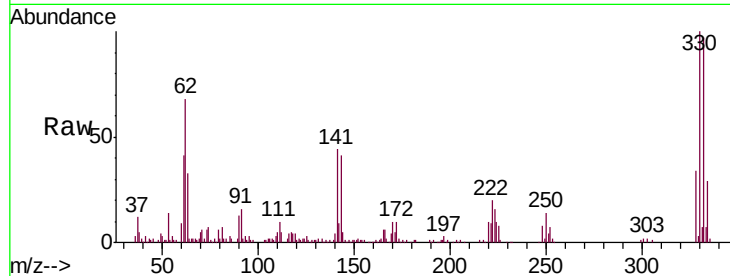
ClientSampleId :

T8-E1-E4-(0-2)

Tot Ion:	330	Resp:	107379
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.2	115.8
141	41.4	33.3	49.9

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#45

2-Fluorobiphenyl

Concen: 69.984 ng

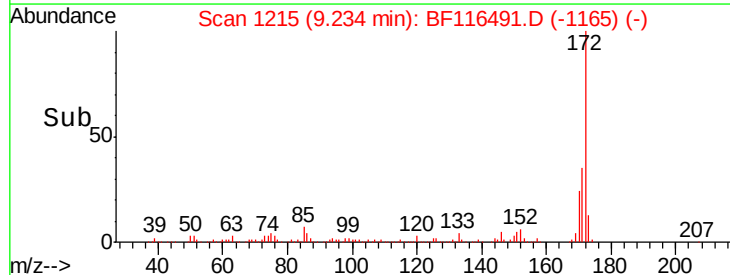
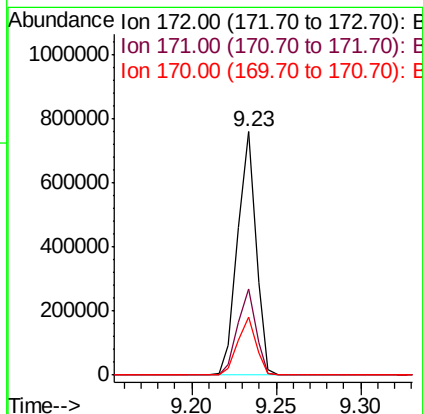
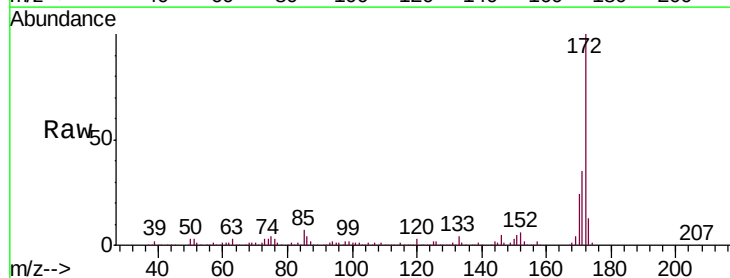
RT: 9.23 min Scan# 1215

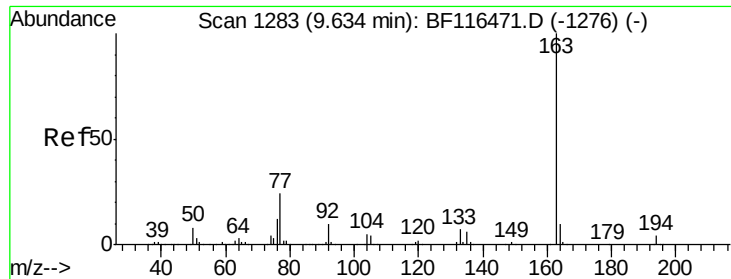
Delta R.T. -0.01 min

Lab File: BF116491.D

Acq: 23 Aug 2019 21:39

Tgt Ion:	172	Resp:	578023
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.9	43.3
170	23.6	19.4	29.0





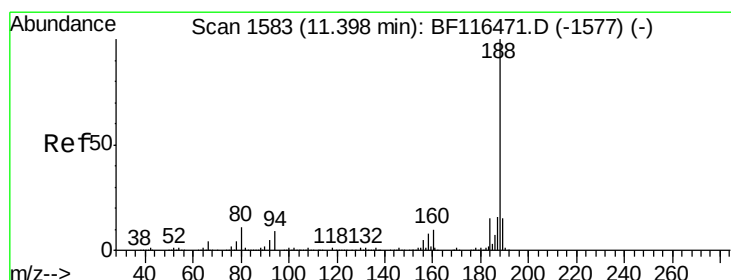
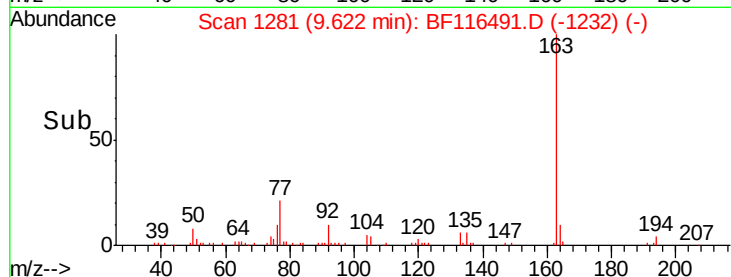
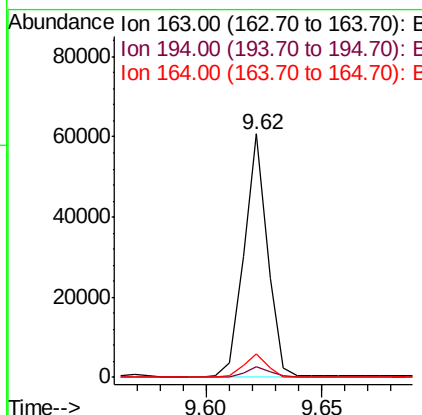
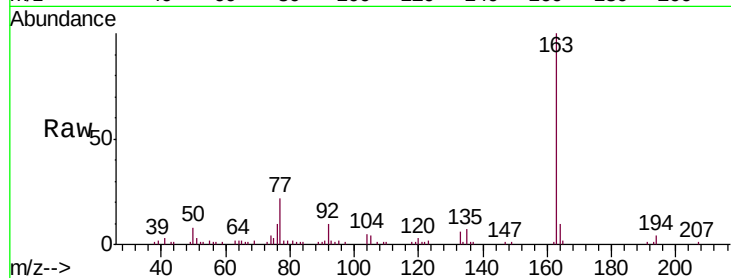
#50
Dimethylphthalate
Concen: 4.717 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tot Ion:	163	Resp:	43771
Ion Ratio	Lower	Upper	
163	100		
194	4.3	2.9	4.3
164	9.6	8.2	12.2

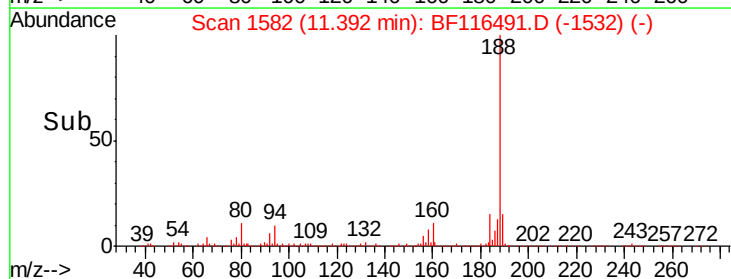
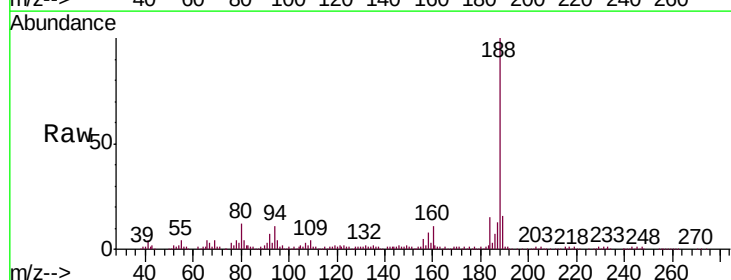
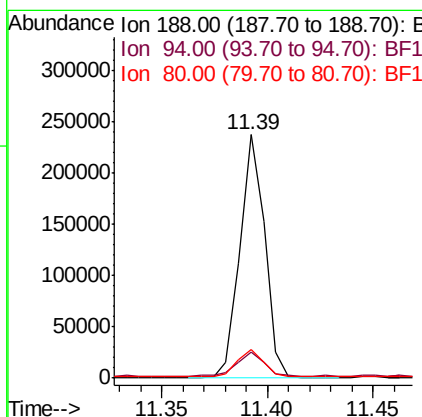
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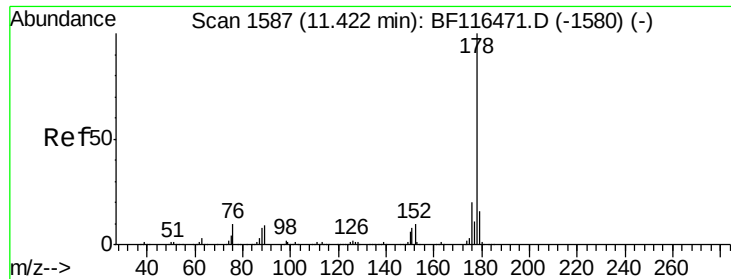
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:	188	Resp:	192144
Ion Ratio	Lower	Upper	
188	100		
94	10.9	7.4	11.2
80	11.7	8.6	12.8





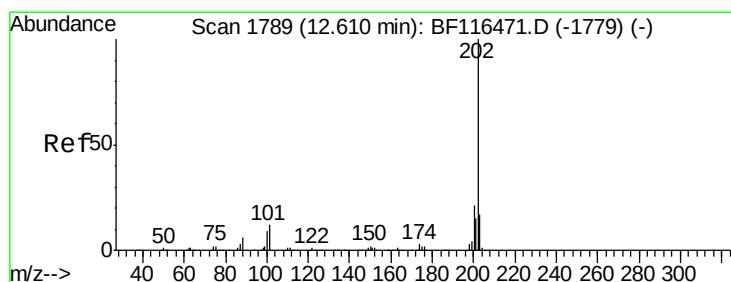
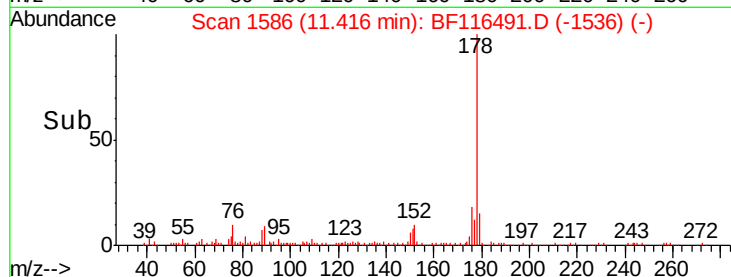
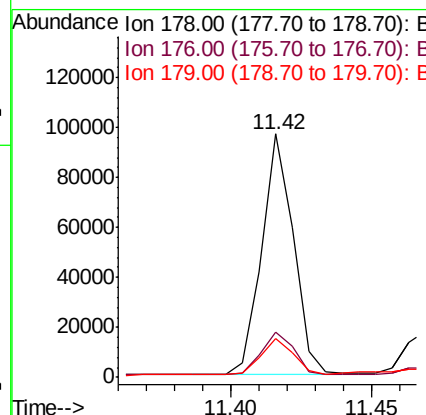
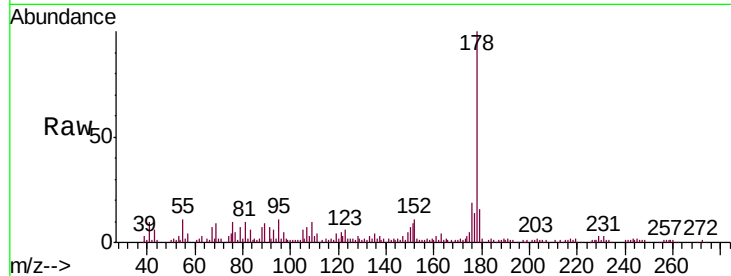
#71
Phenanthrene
Concen: 7.168 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.8	12.8	19.2

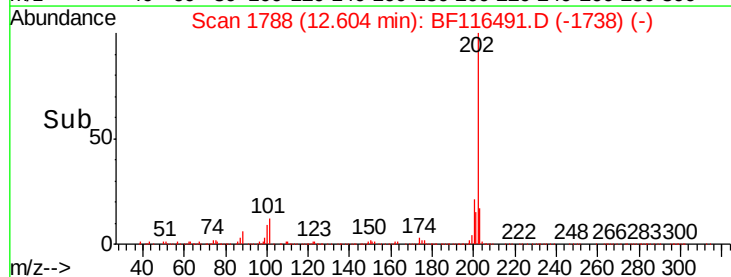
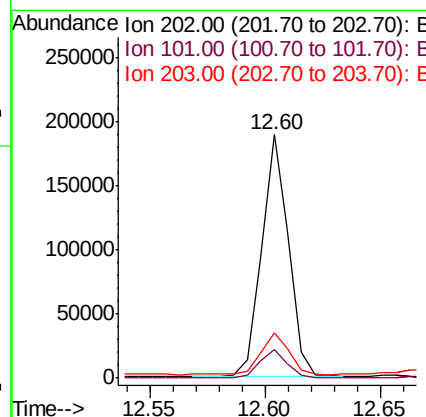
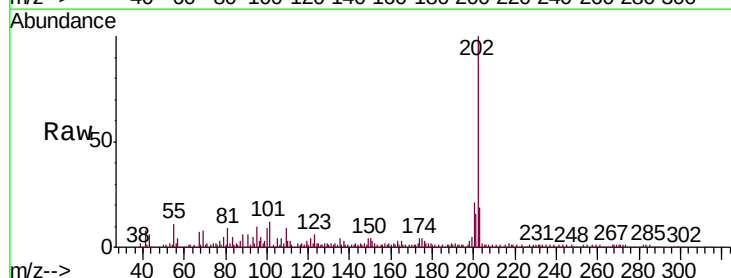
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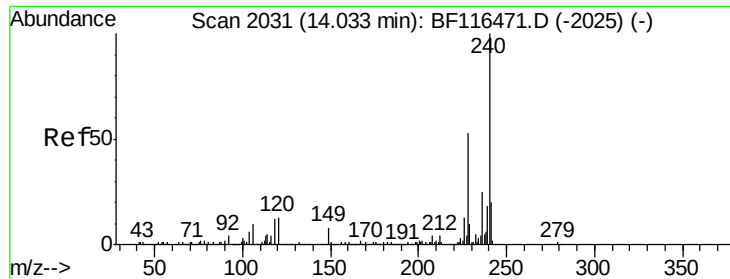
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#75
Fluoranthene
Concen: 13.997 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
203	18.8	0.0	37.5





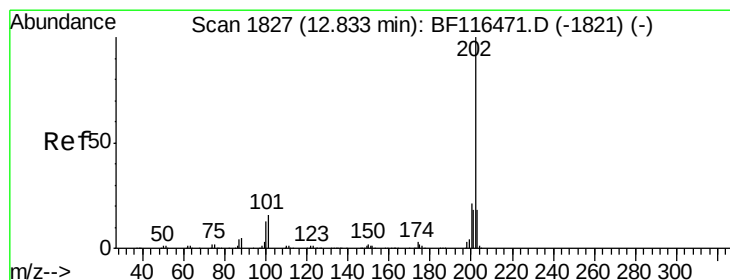
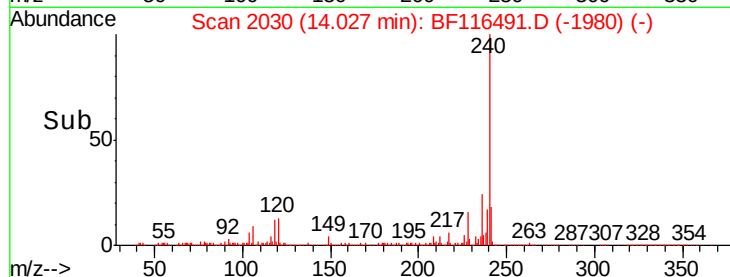
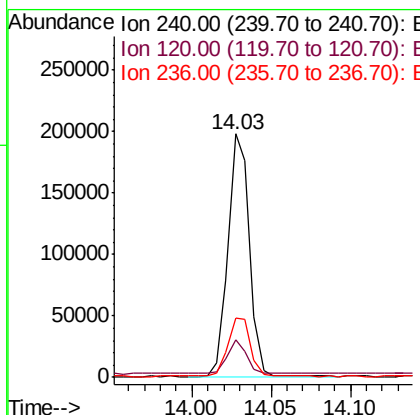
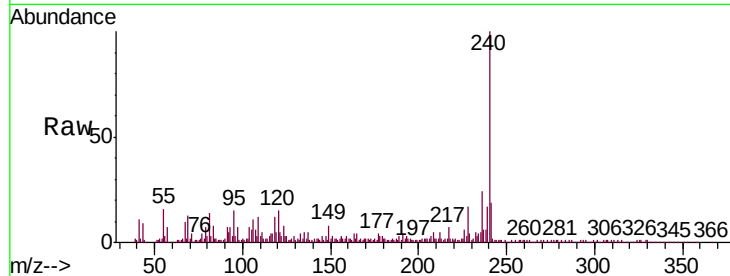
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampled :
T8-E1-E4-(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	10.5	15.7
236	24.2	20.2	30.2

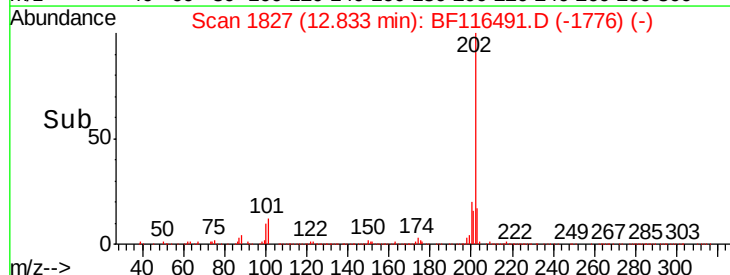
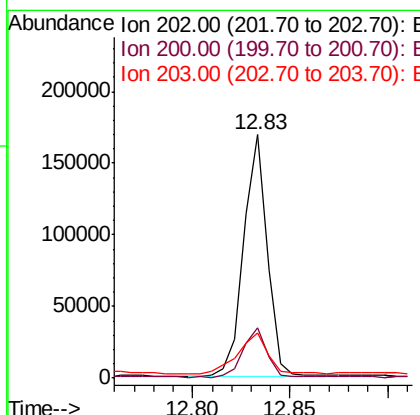
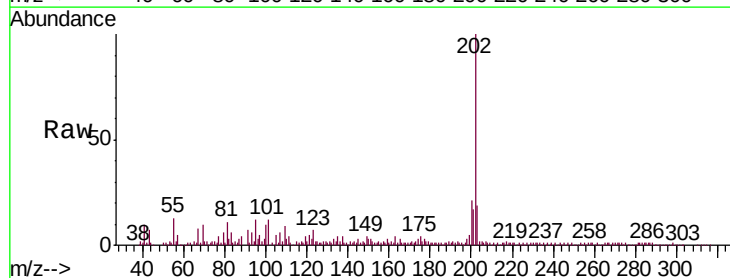
Manual Integrations
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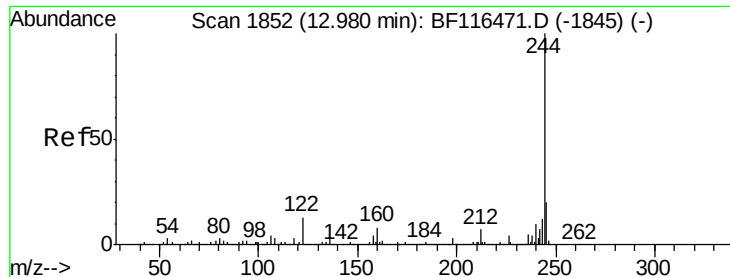
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#78
Pyrene
Concen: 9.625 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	18.8	14.2	21.4





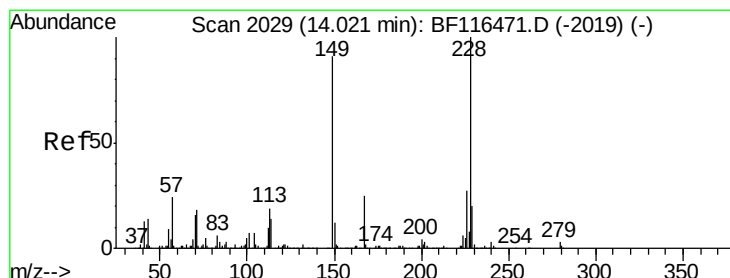
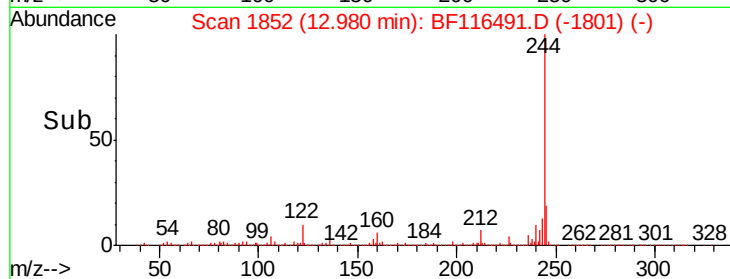
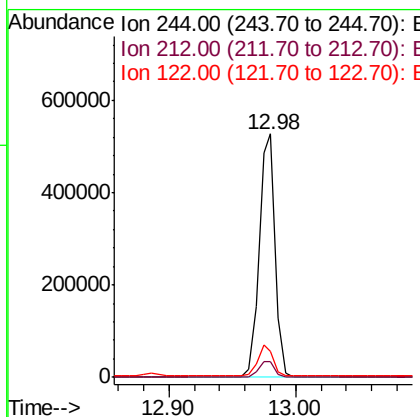
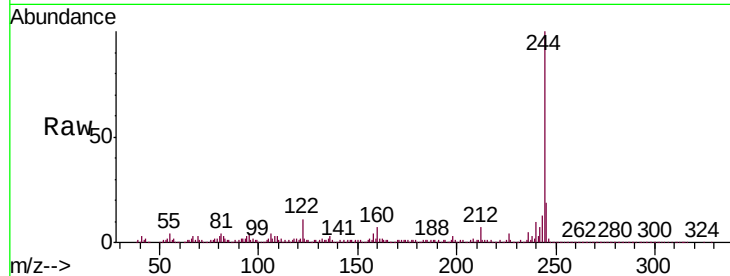
#79
 Terphenyl-d14
 Concen: 47.567 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BF116491.D
 Acq: 23 Aug 2019 21:39

Instrument :
 BNA_F
 ClientSampleId :
 T8-E1-E4-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.9	10.2	15.4

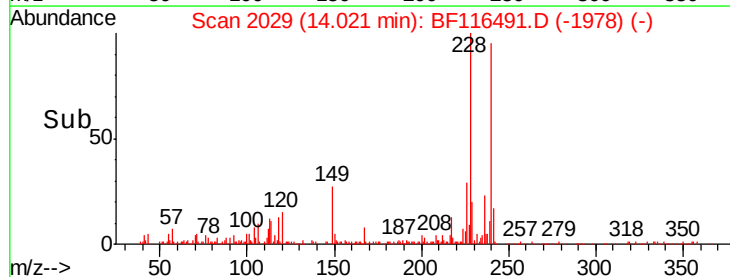
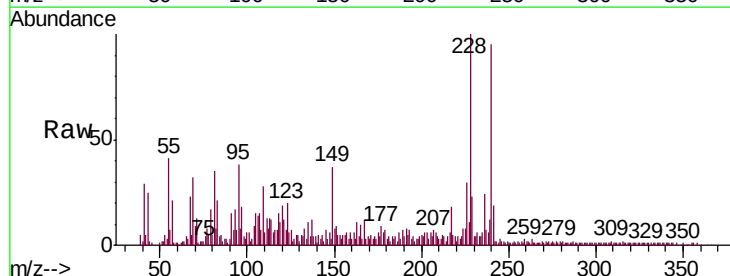
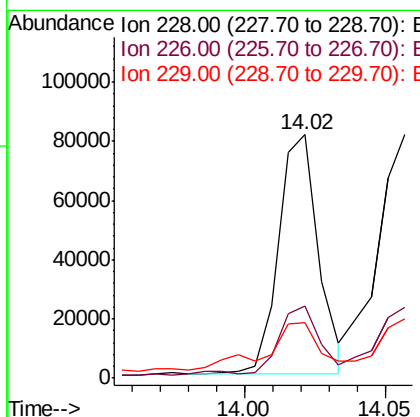
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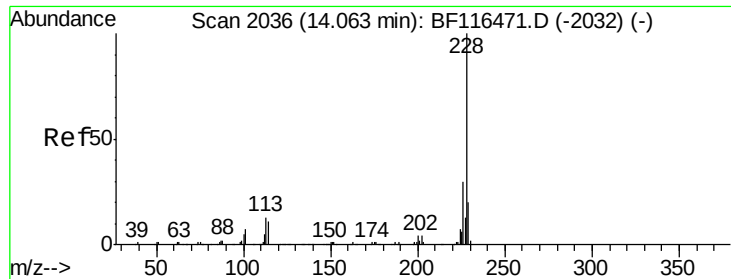
Jagrut
 8/28/2019 8:11:04 AM



#81
 Benzo(a)anthracene
 Concen: 6.663 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF116491.D
 Acq: 23 Aug 2019 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.8	32.6
229	22.8	15.9	23.9





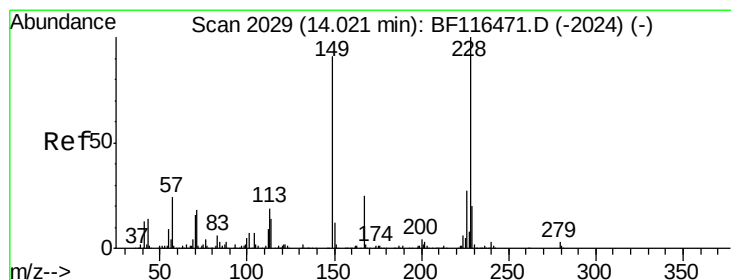
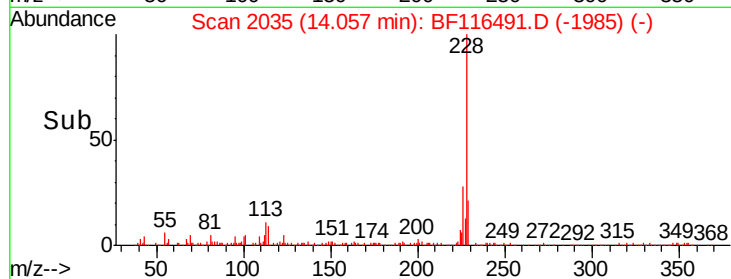
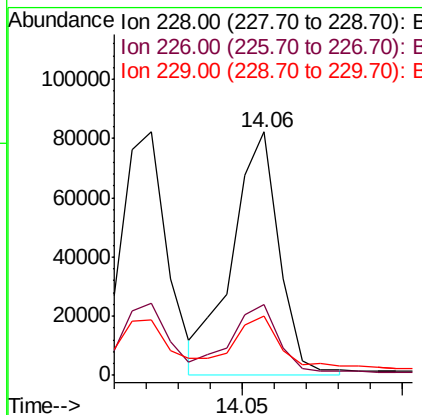
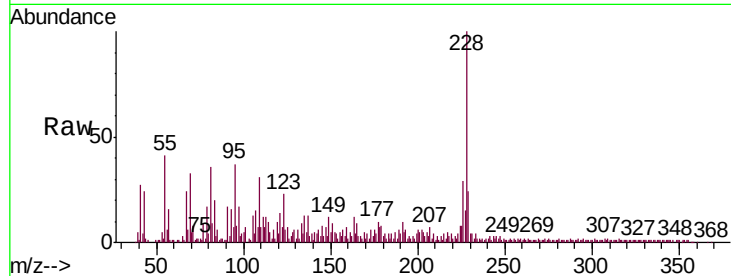
#83
 Chrysene
 Concen: 6.973 ng/mL
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF116491.D
 Acq: 23 Aug 2019 21:39

Instrument :
 BNA_F
 ClientSampled :
 T8-E1-E4-(0-2)

Tot Ion:	228	Resp:	84080
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.2	36.2
229	24.3	15.8	23.6

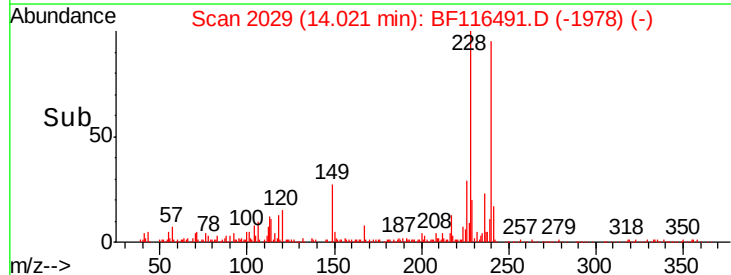
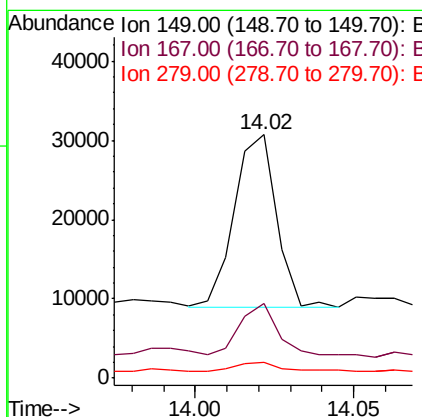
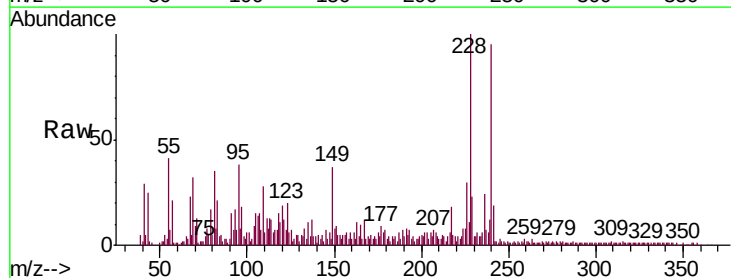
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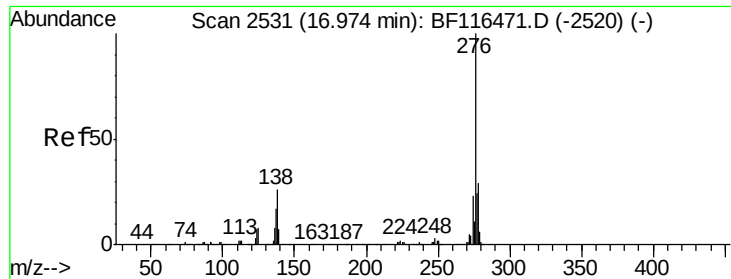
Jagrut
 8/28/2019 8:11:04 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.344 ng/mL
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF116491.D
 Acq: 23 Aug 2019 21:39

Tgt Ion:	149	Resp:	19825
Ion Ratio	Lower	Upper	
149	100		
167	30.9	21.8	32.6
279	6.7	3.0	4.4





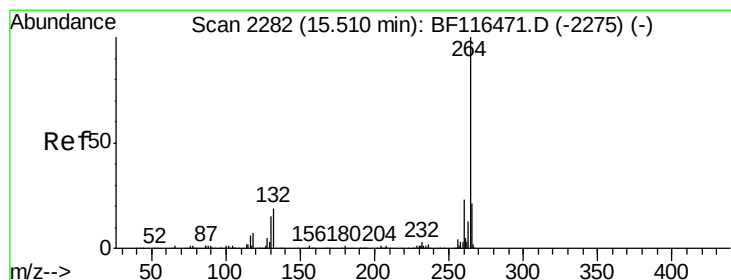
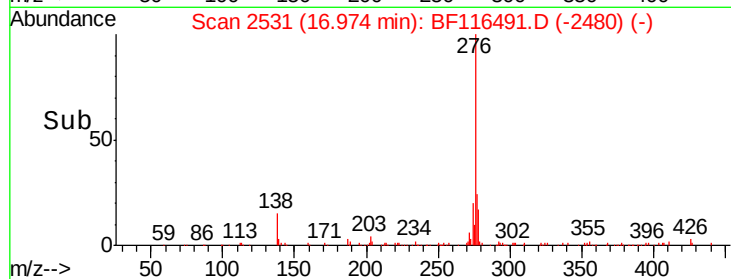
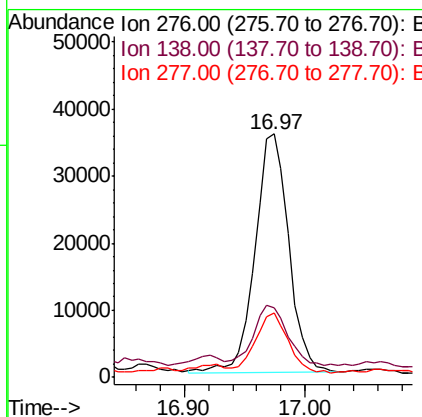
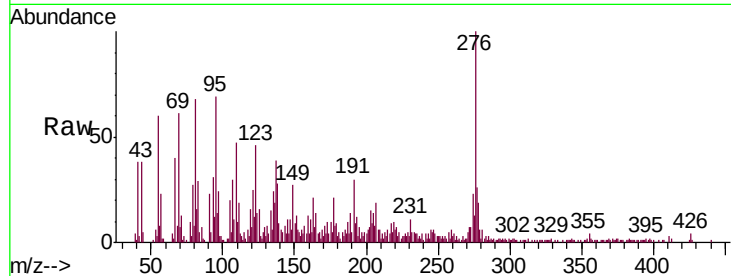
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.708 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		69281		
138	25.6		22.9	34.3	
277	24.2		19.9	29.9	

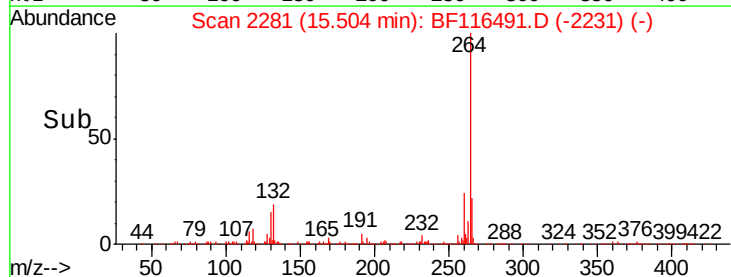
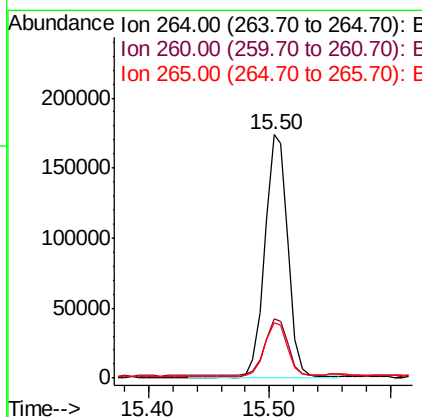
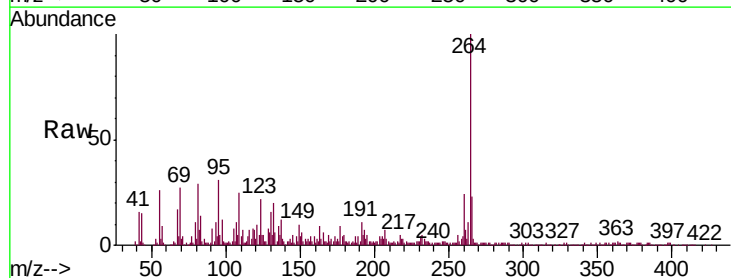
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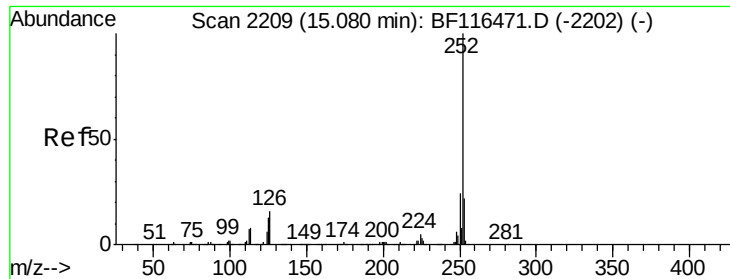
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		228709		
260	24.4		18.8	28.2	
265	22.7		17.1	25.7	





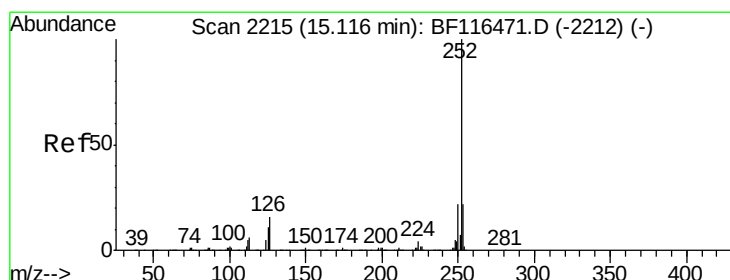
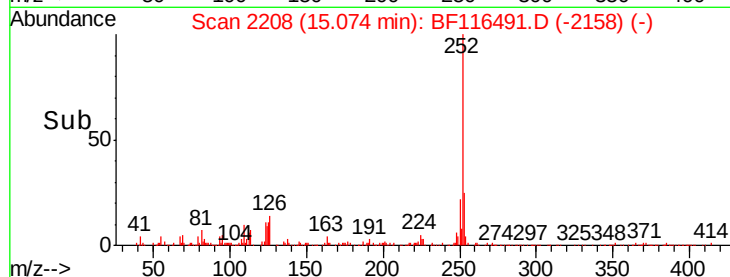
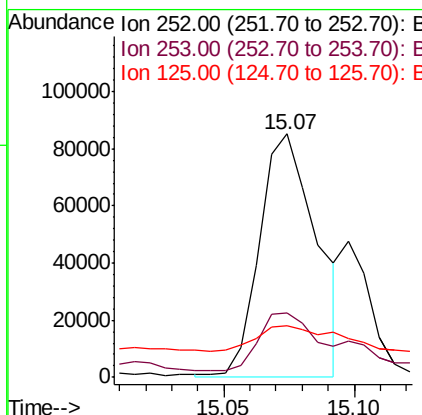
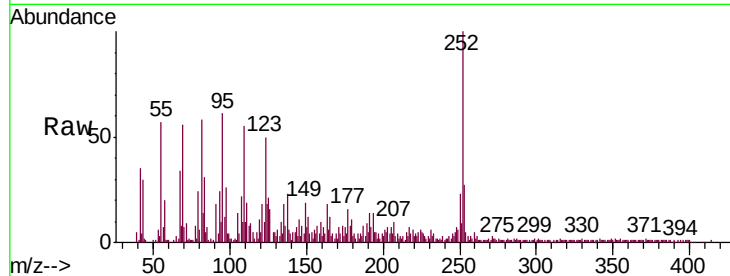
#88
Benzo(b)fluoranthene
Concen: 9.197 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.5	26.3#
125	21.2	10.1	15.1#

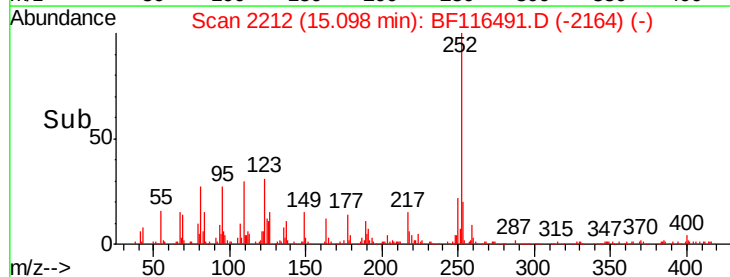
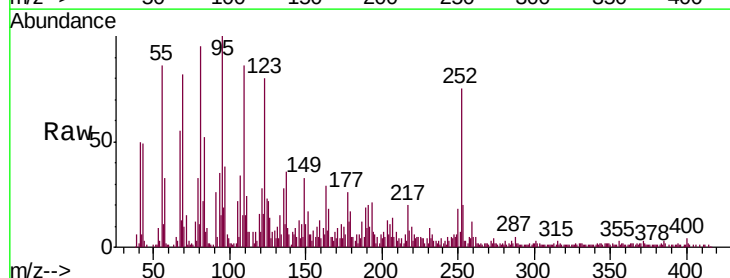
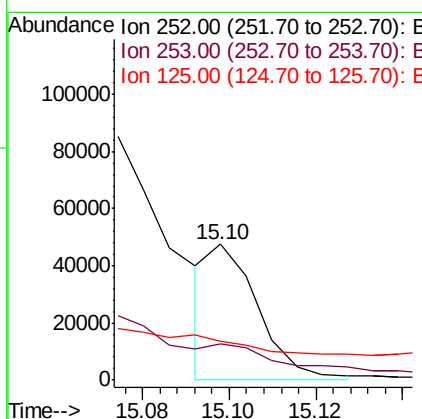
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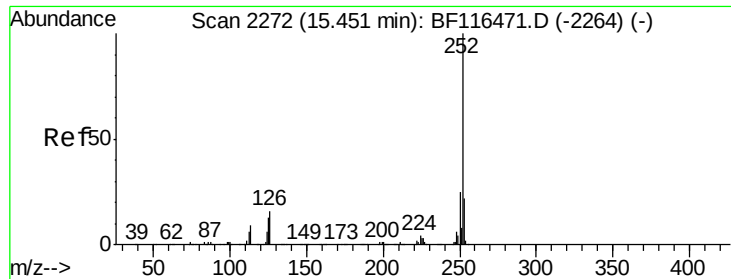
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#89
Benzo(k)fluoranthene
Concen: 2.932 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.2#
125	28.9	9.1	13.7#





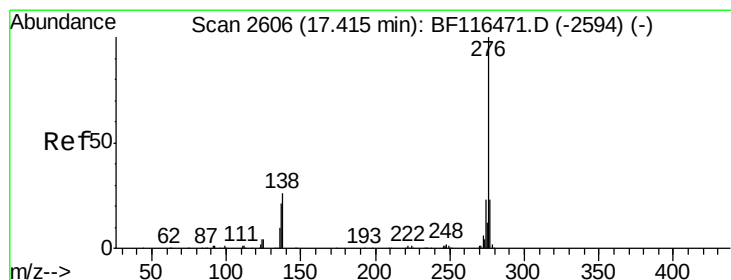
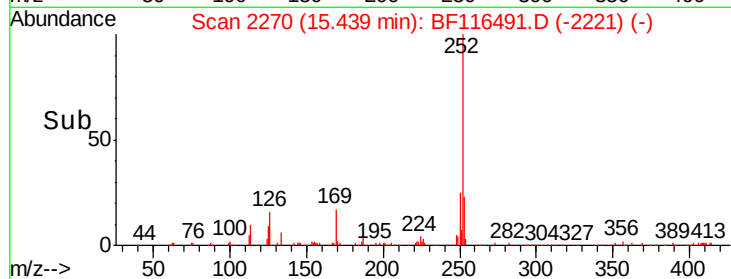
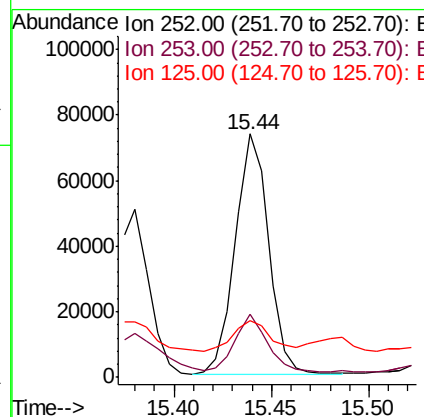
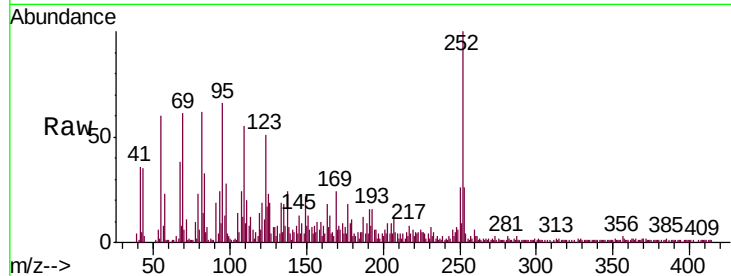
#90
Benzo(a)pyrene
Concen: 6.969 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampled :
T8-E1-E4-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	23.1	10.2	15.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.159 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.7	28.1
138	27.0	20.8	31.2

