

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116547.D
 Acq On : 26 Aug 2019 00:55
 Operator : HP/JU
 Sample : K4509-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Manual Integrations
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Quant Time: Aug 26 08:21:32 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	6.89	152	132405	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	492366	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	221558	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	299961	20.00	ng	0.00
76) Chrysene-d12	14.03	240	206327	20.00	ng	0.00
87) Perylene-d12	15.50	264	178388	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	654495	72.23	ng	0.01
7) Phenol-d6	6.51	99	868492	78.17	ng	0.00
23) Nitrobenzene-d5	7.44	82	517331	57.48	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	80744	42.44	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1002806	72.89	ng	0.00
79) Terphenyl-d14	12.98	244	710979	64.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	122555	7.928	ng	98
71) Phenanthrene	11.42	178	35185	2.153	ng	99
75) Fluoranthene	12.61	202	260490	15.419	ng	99
78) Pyrene	12.83	202	244322	14.807	ng	99
81) Benzo(a)anthracene	14.02	228	128723	9.633	ng	97
83) Chrysene	14.06	228	118052	8.716	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	52674	4.540	ng	94
88) Benzo(b)fluoranthene	15.07	252	136227m	12.362	ng	
89) Benzo(k)fluoranthene	15.09	252	44271m	4.434	ng	
90) Benzo(a)pyrene	15.43	252	90436	9.285	ng	98
92) Benzo(g,h,i)perylene	17.40	276	44647	5.852	ng	93

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

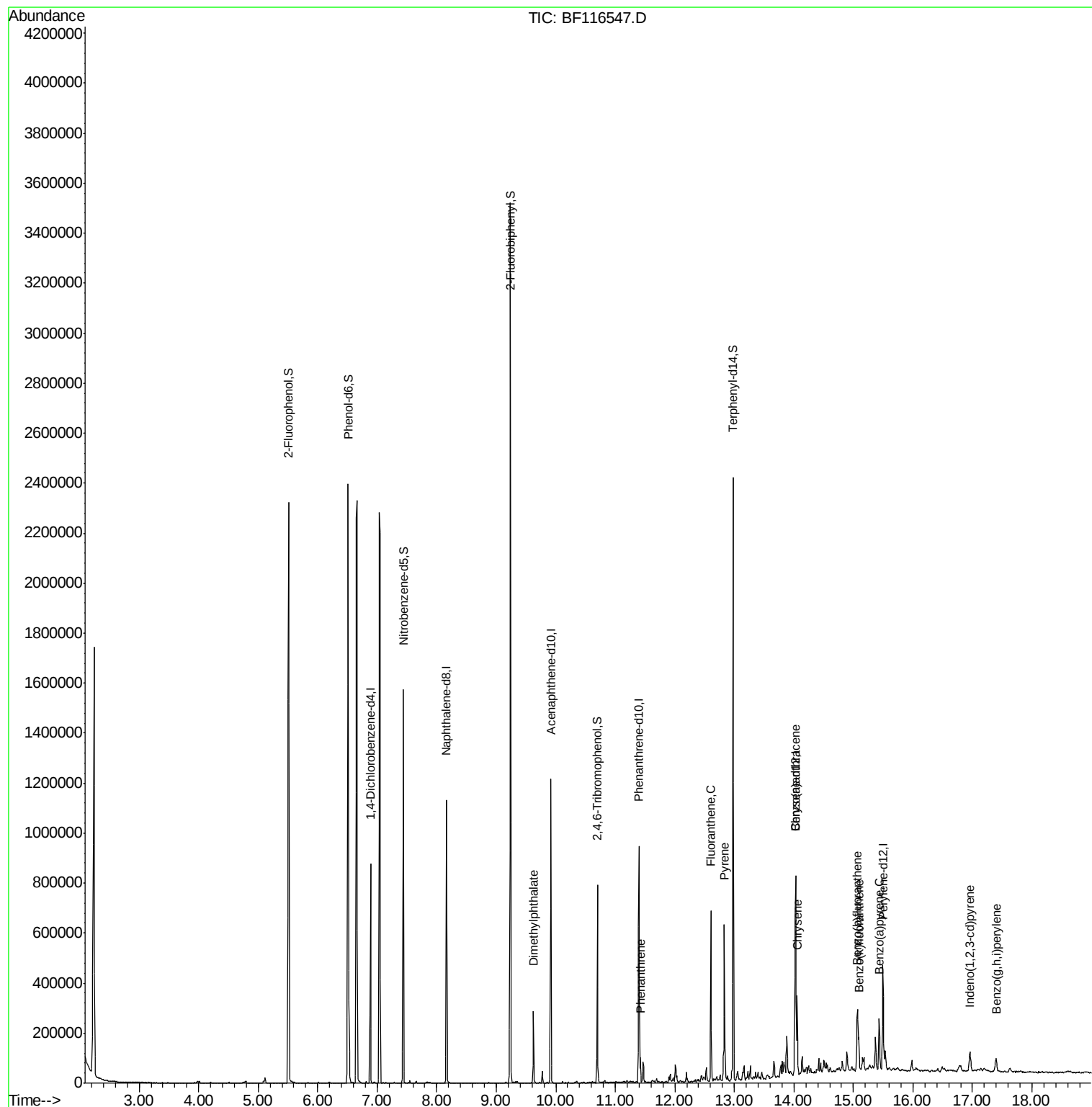
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116547.D
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ALS Vial : 22 Sample Multiplier: 1

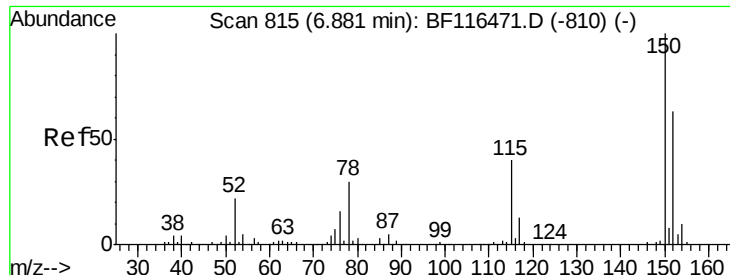
Instrument :
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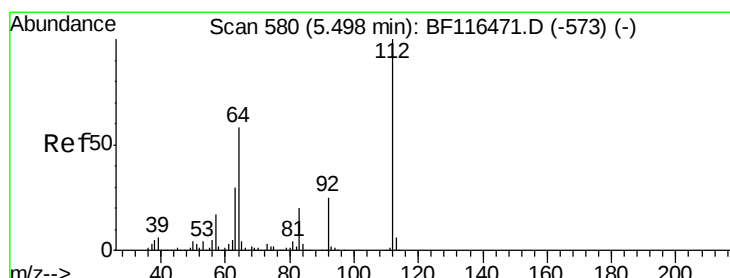
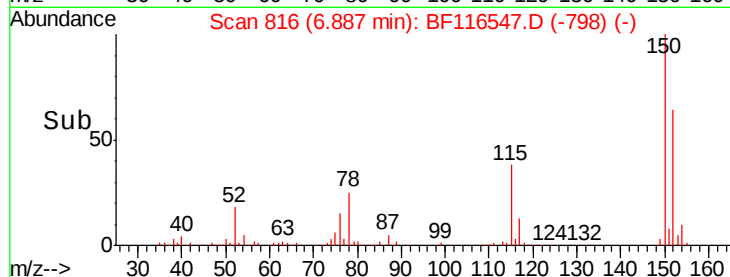
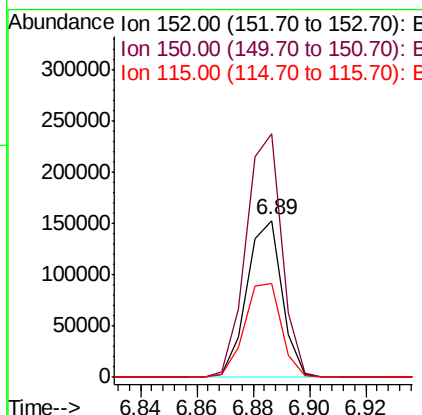
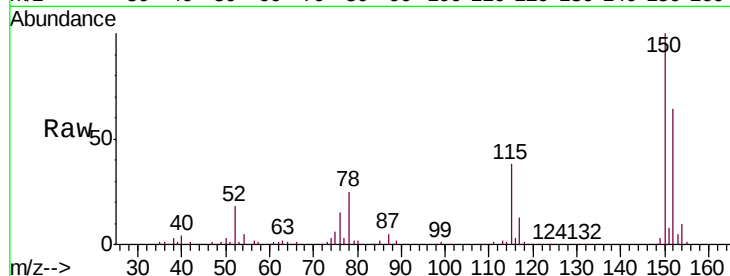
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF116547.D
 Acq: 26 Aug 2019 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.7	190.1
115	59.4	50.9	76.3

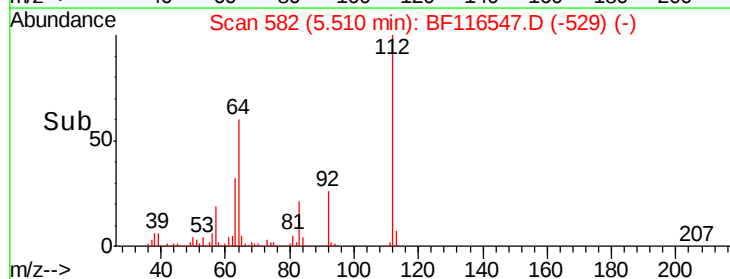
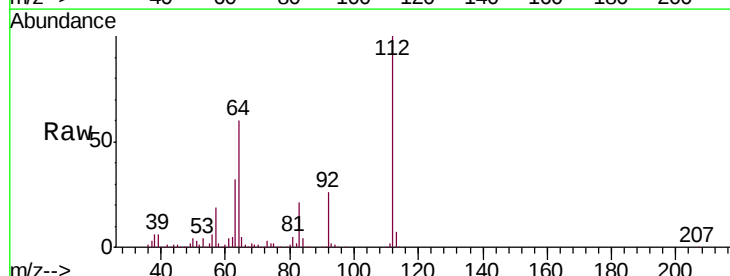
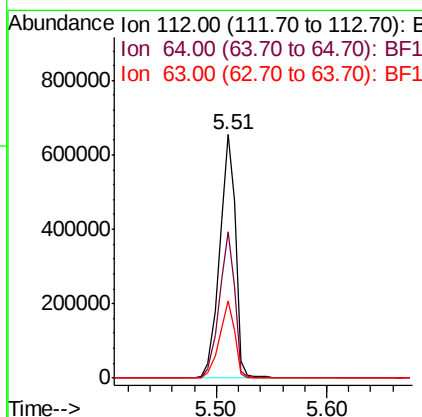
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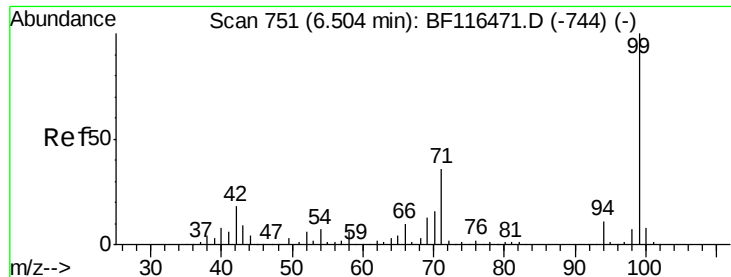
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#5
 2-Fluorophenol
 Concen: 72.226 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF116547.D
 Acq: 26 Aug 2019 00:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.3	69.5
63	31.7	24.2	36.4





#7

Phenol-d6

Concen: 78.165 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116547.D

Acq: 26 Aug 2019 00:55

Instrument :

BNA_F

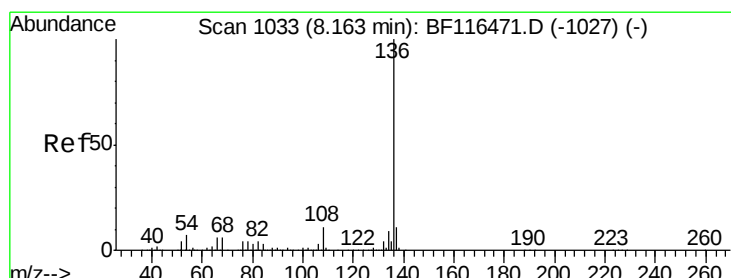
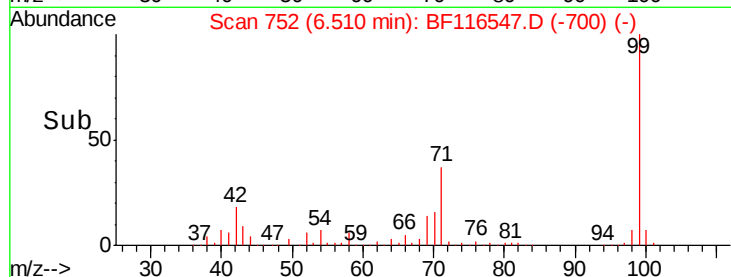
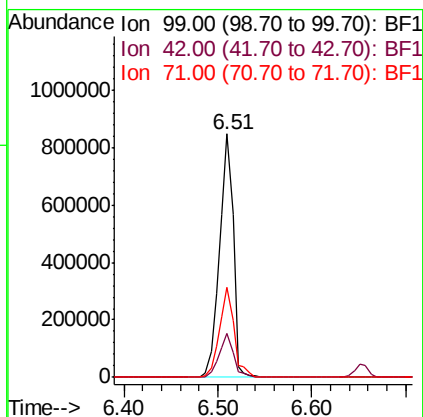
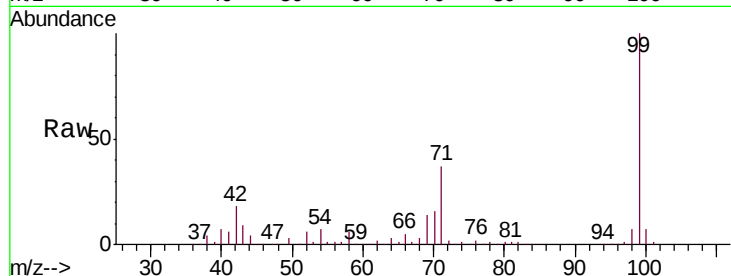
ClientSampled :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		868492		
42	18.3	14.6	21.8		
71	36.9	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

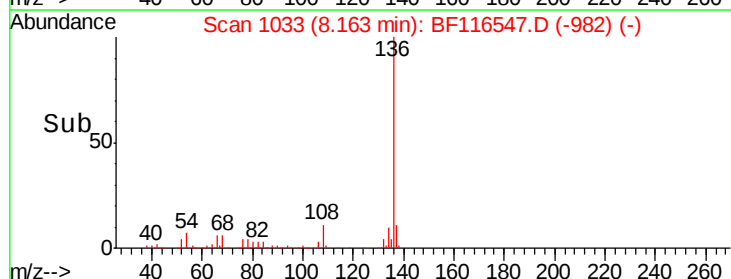
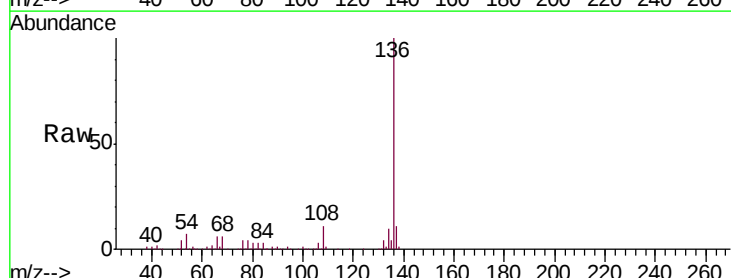
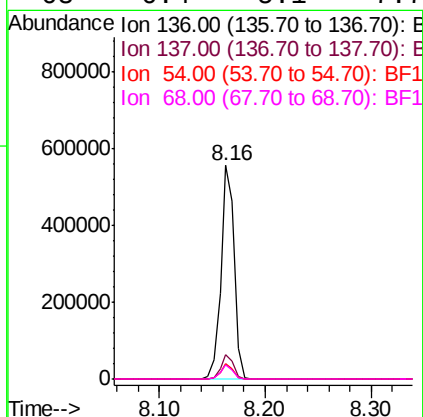
RT: 8.16 min Scan# 1033

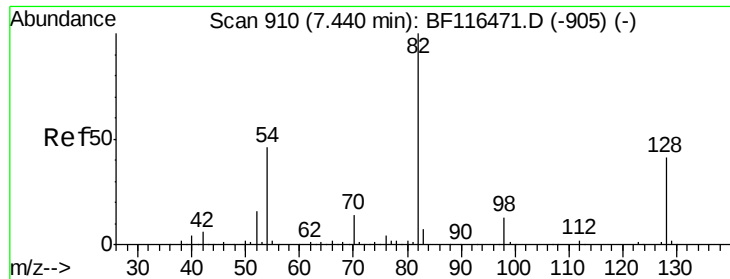
Delta R.T. -0.00 min

Lab File: BF116547.D

Acq: 26 Aug 2019 00:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		492366		
137	11.4	9.0	13.4		
54	7.4	5.8	8.6		
68	6.4	5.1	7.7		





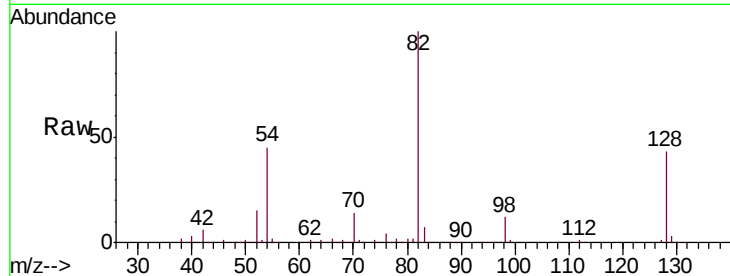
#23
 Nitrobenzene-d5
 Concen: 57.484 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116547.D
 Acq: 26 Aug 2019 00:55

Instrument :
 BNA_F
 ClientSampleId :
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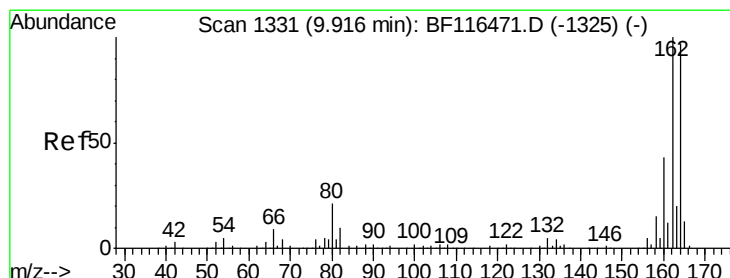
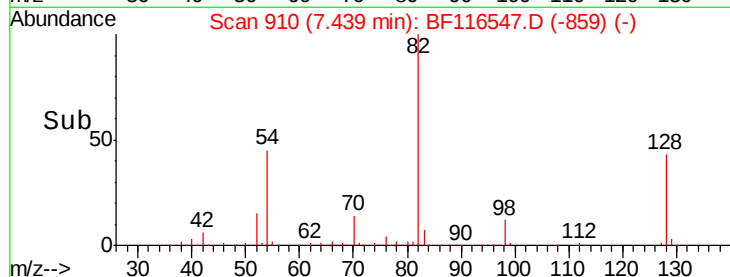
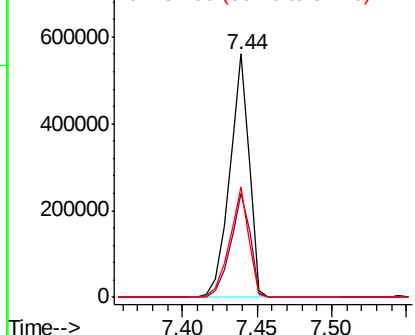
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.4
54	45.2	36.5	54.7

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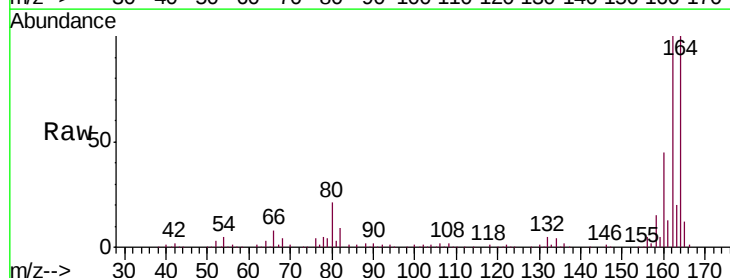


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

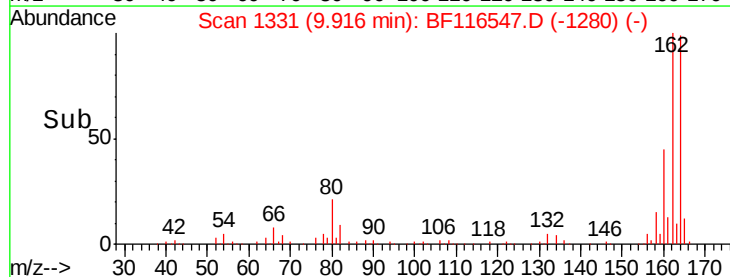
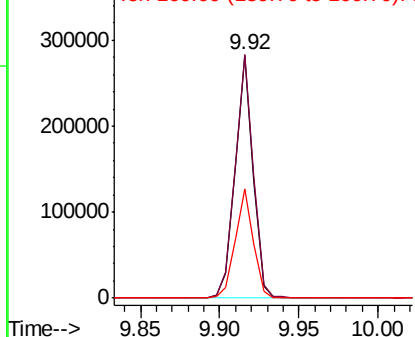


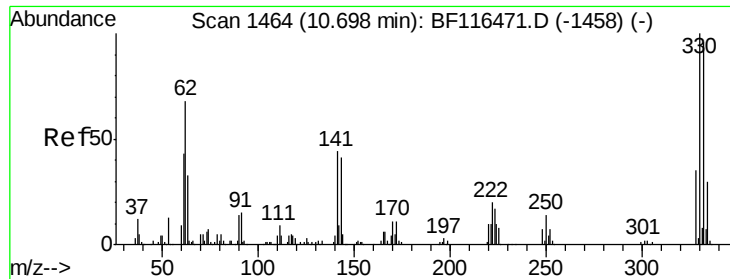
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116547.D
 Acq: 26 Aug 2019 00:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	123.8
160	44.7	35.8	53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 42.442 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116547.D

Acq: 26 Aug 2019 00:55

Instrument :

BNA_F

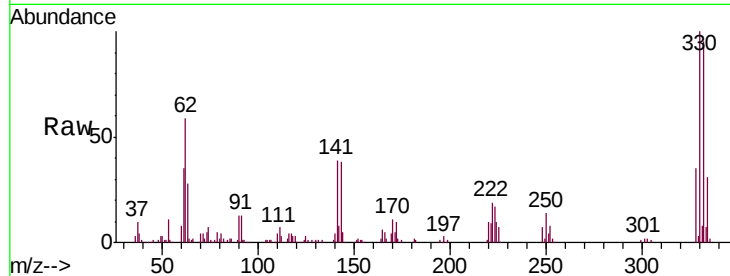
ClientSampleId :

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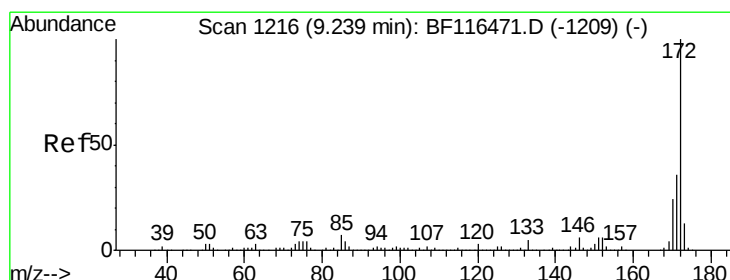
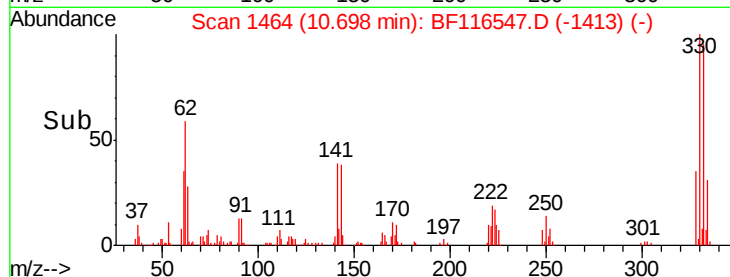
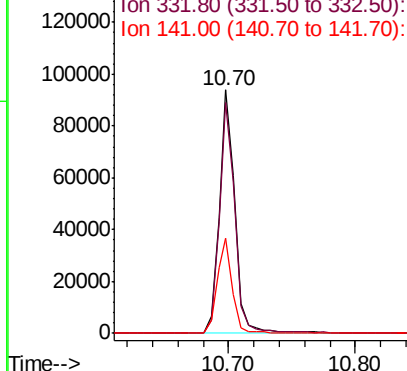
Tot Ion:	330	Resp:	80744
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.2	115.8
141	38.3	33.3	49.9

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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: 72.890 ng

RT: 9.24 min Scan# 1216

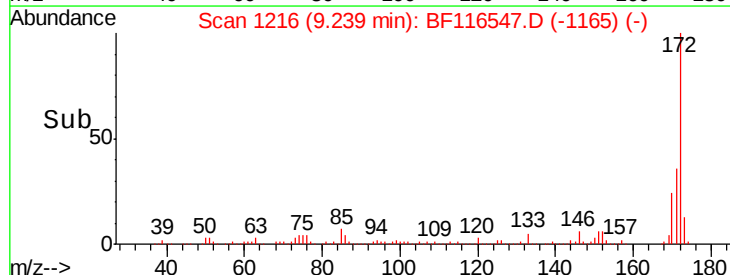
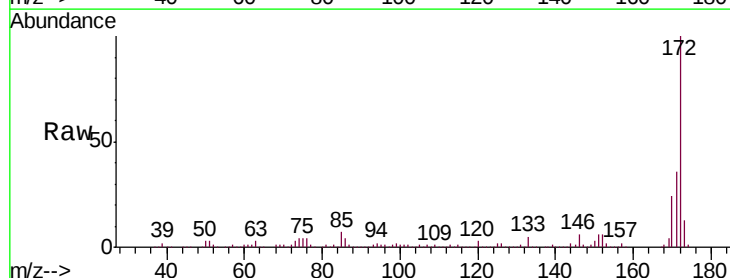
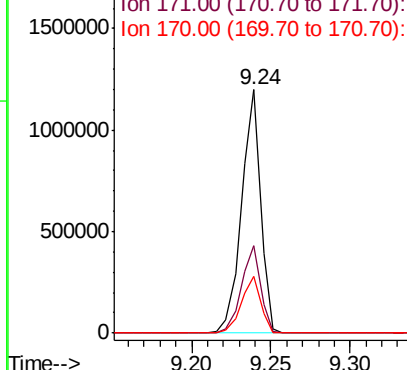
Delta R.T. -0.00 min

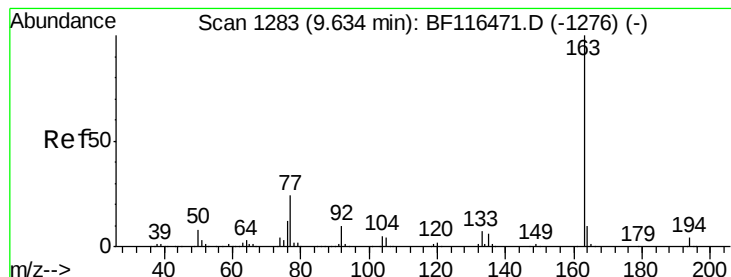
Lab File: BF116547.D

Acq: 26 Aug 2019 00:55

Tgt Ion:	172	Resp:	1002806
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.9	43.3
170	23.5	19.4	29.0

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





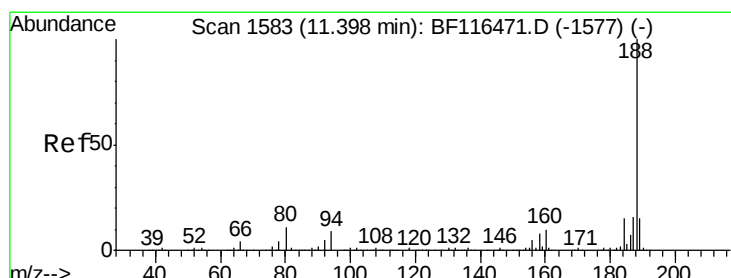
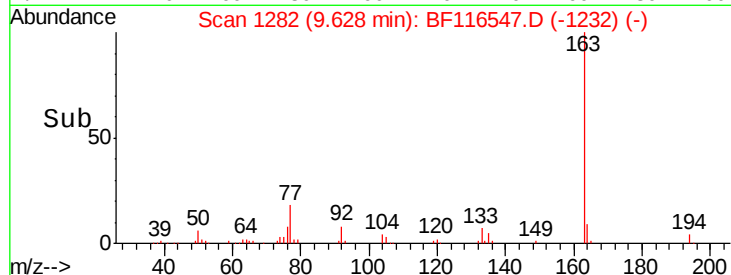
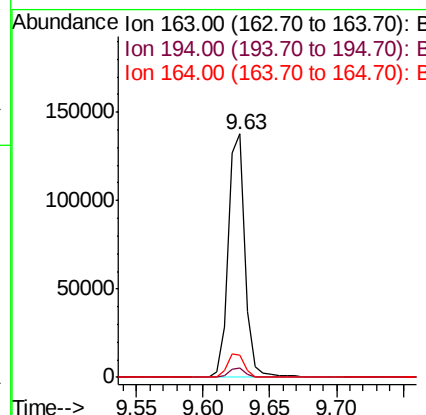
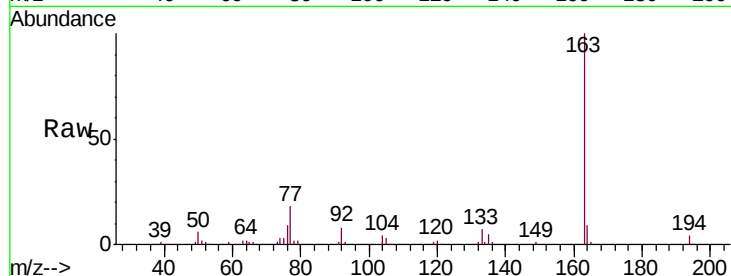
#50
Dimethylphthalate
Concen: 7.928 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	122555		
194	3.7		2.9	4.3
164	9.1		8.2	12.2

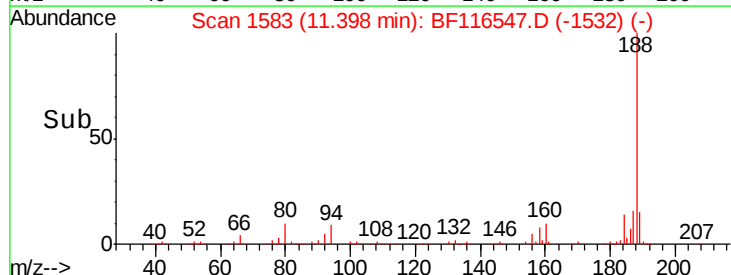
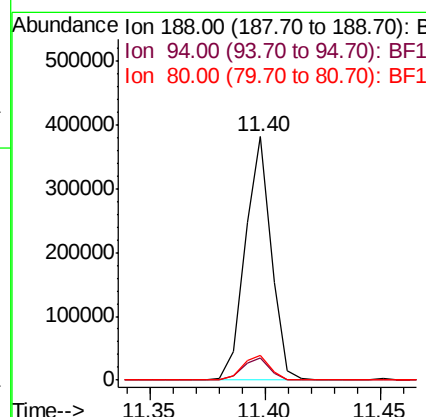
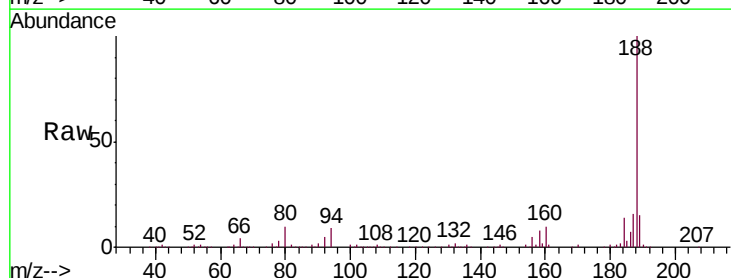
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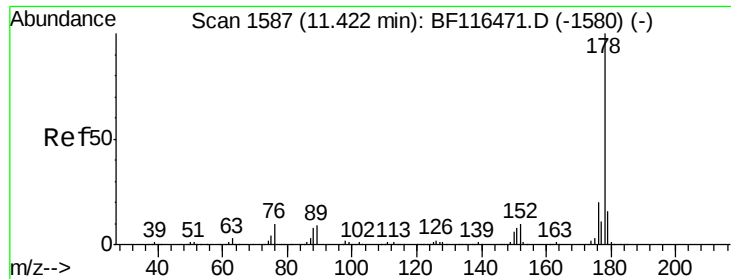
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	299961		
94	9.0		7.4	11.2
80	10.2		8.6	12.8





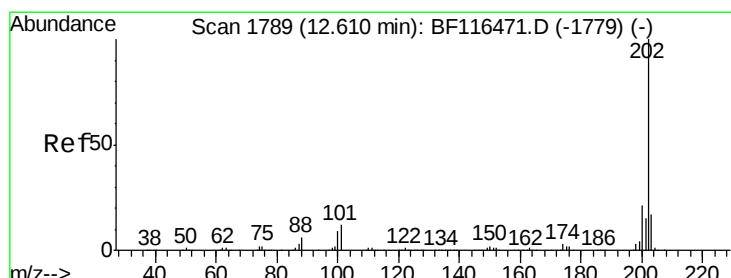
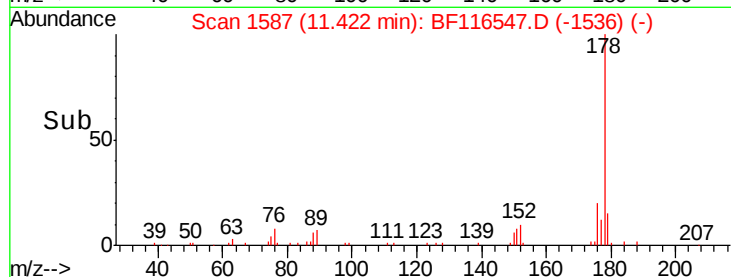
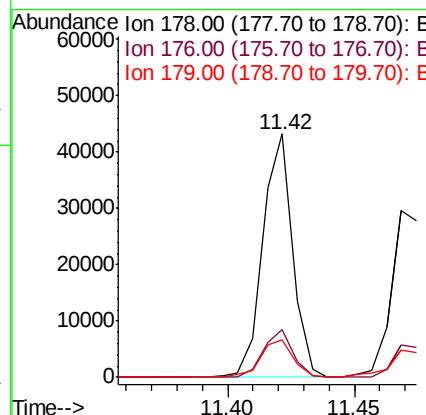
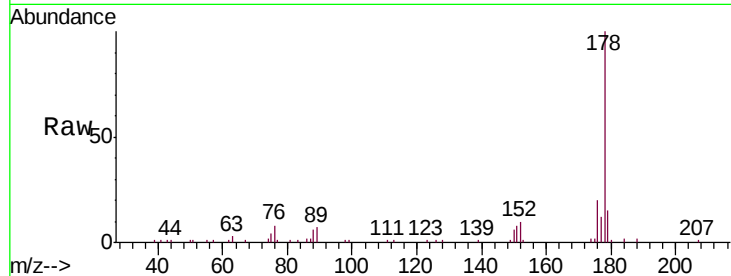
#71
Phenanthrene
Concen: 2.153 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	15.3	12.8	19.2

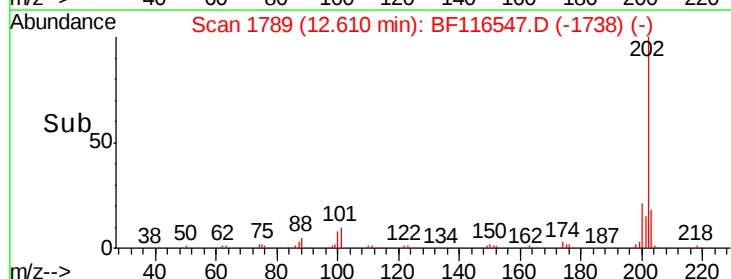
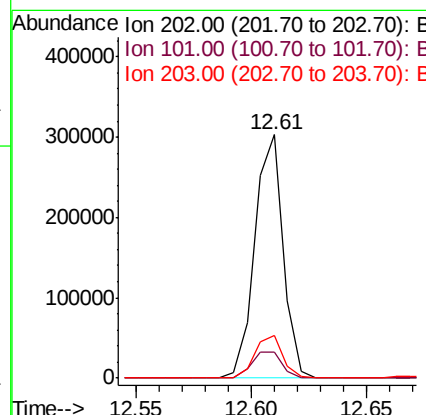
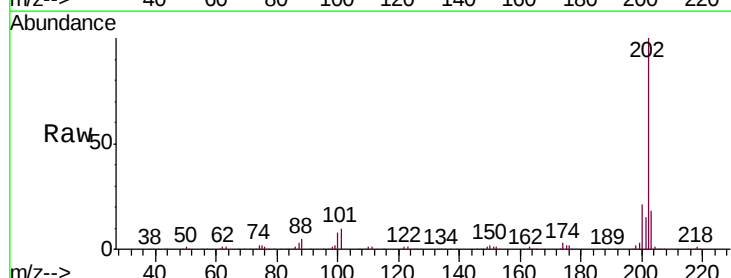
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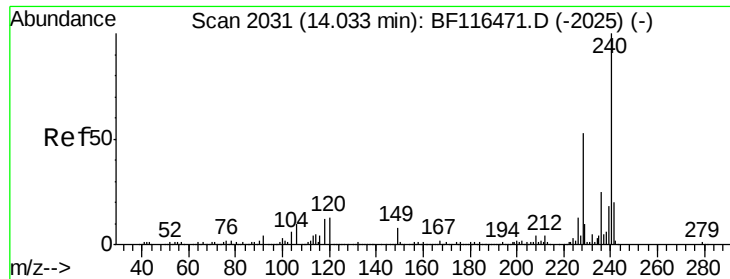
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#75
Fluoranthene
Concen: 15.419 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.5
203	17.7	0.0	37.5





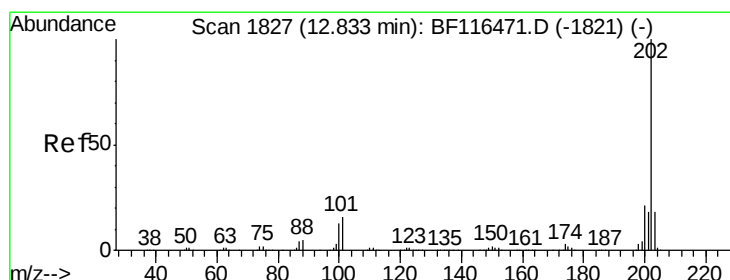
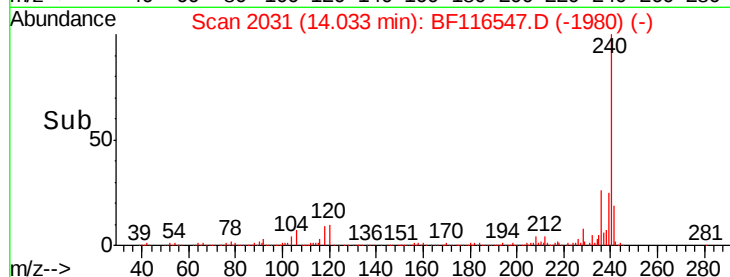
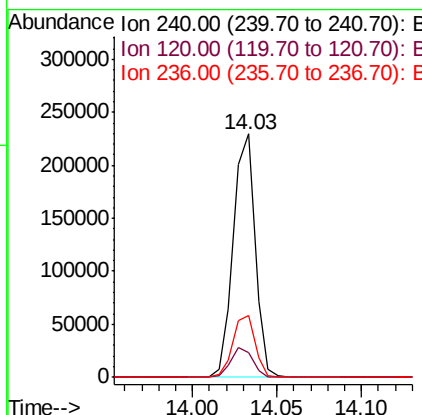
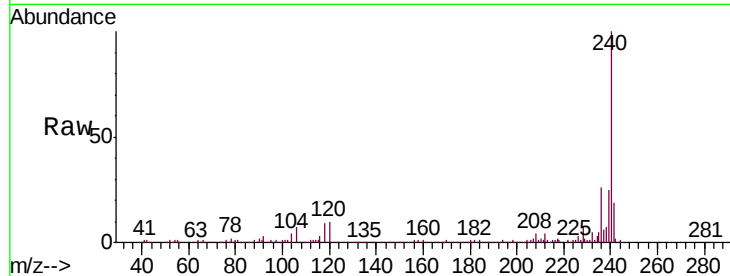
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.5	15.7#
236	25.6	20.2	30.2

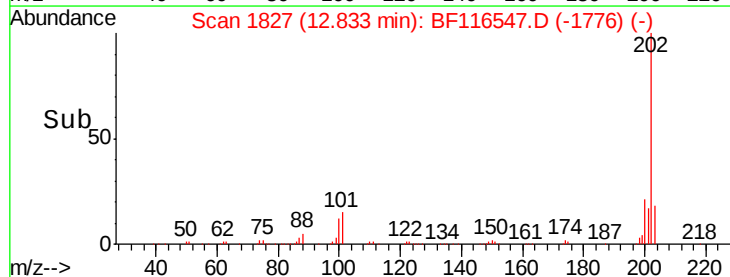
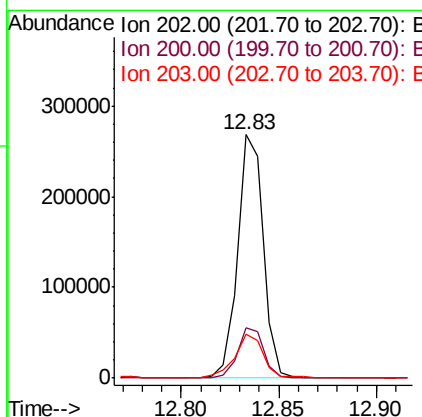
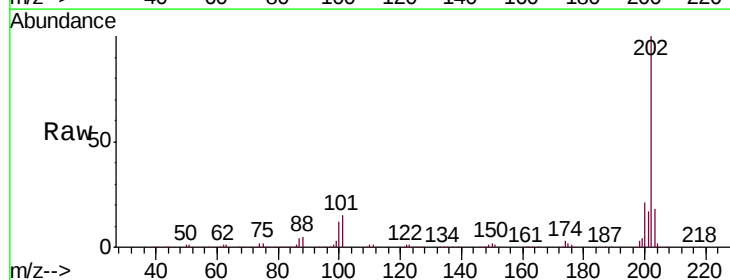
Manual Integrations
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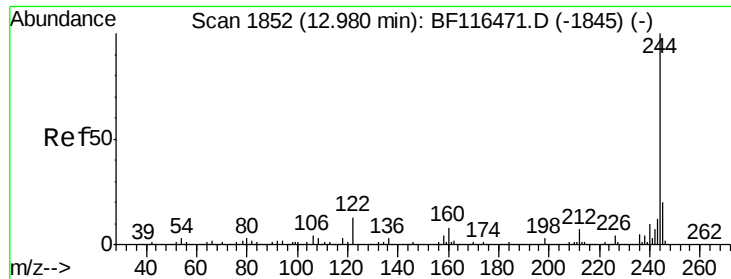
mohammad
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#78
Pyrene
Concen: 14.807 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	18.2	14.2	21.4





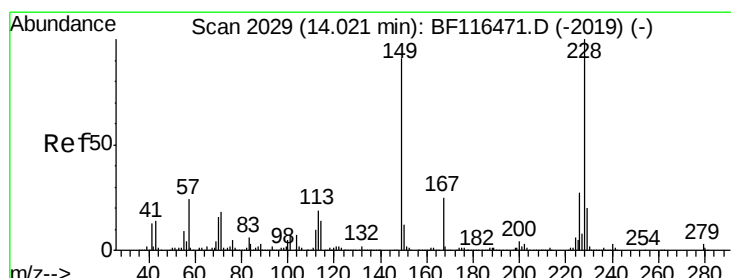
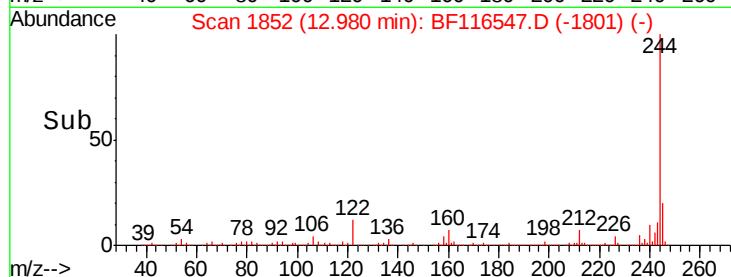
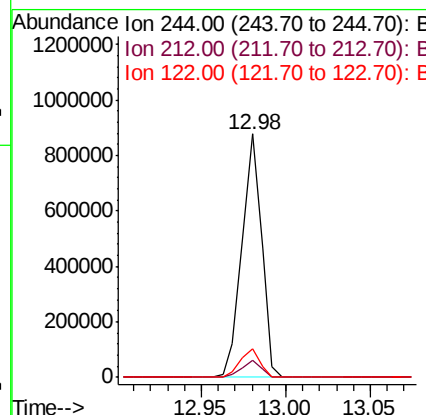
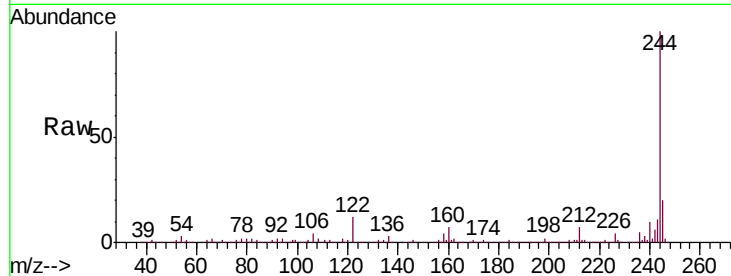
#79
 Terphenyl-d14
 Concen: 64.366 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116547.D
 Acq: 26 Aug 2019 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.9	10.2	15.4

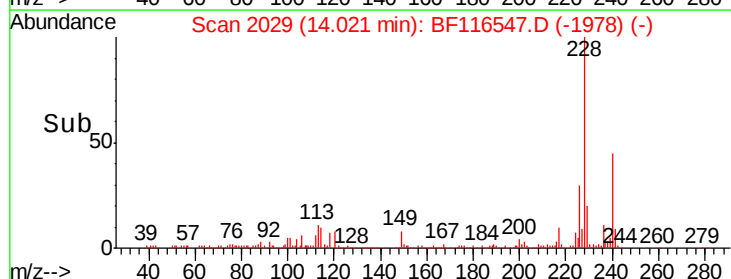
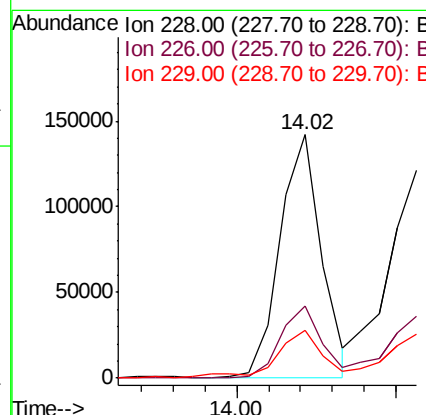
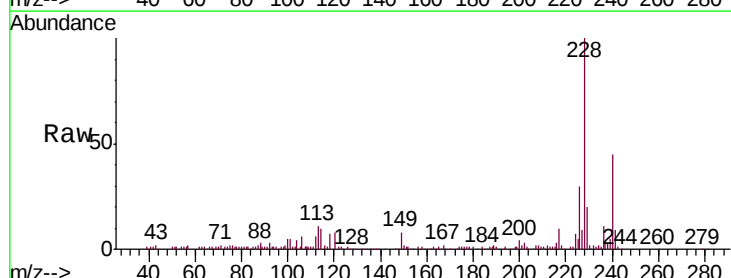
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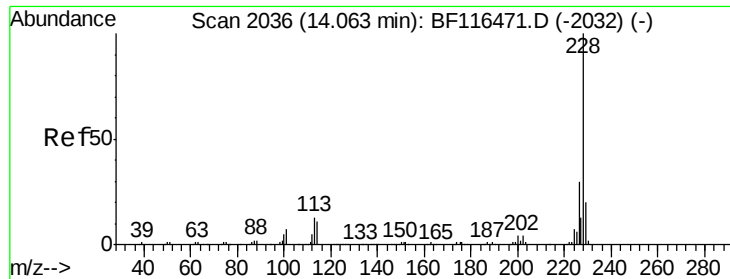
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#81
 Benzo(a)anthracene
 Concen: 9.633 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF116547.D
 Acq: 26 Aug 2019 00:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.8	32.6
229	19.5	15.9	23.9





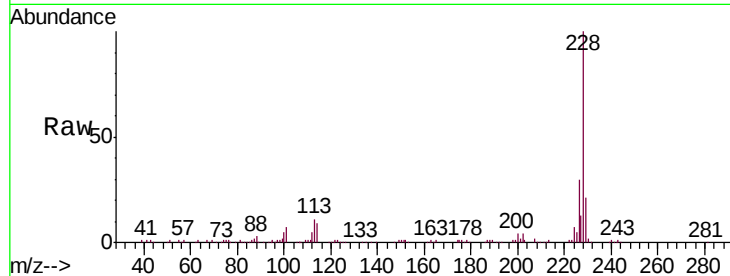
#83
Chrysene
Concen: 8.716 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

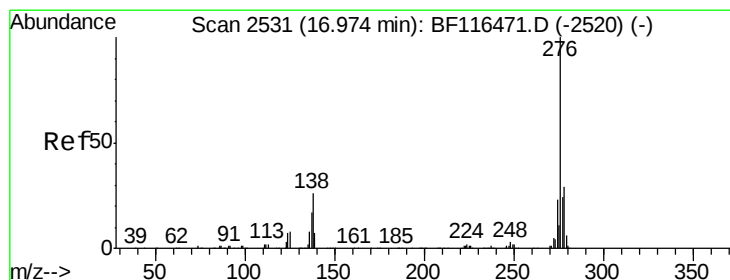
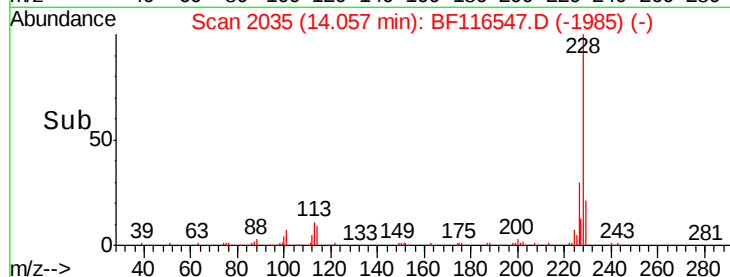
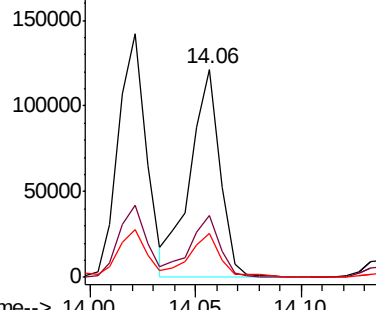
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	21.1	15.8	23.6

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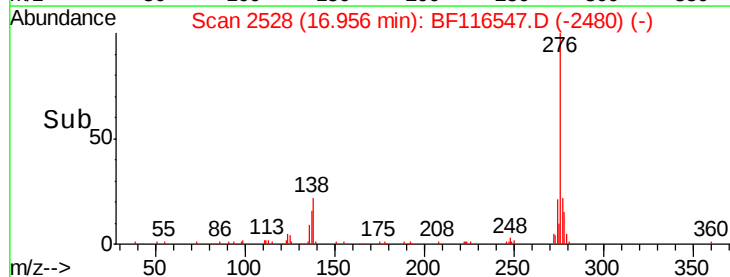
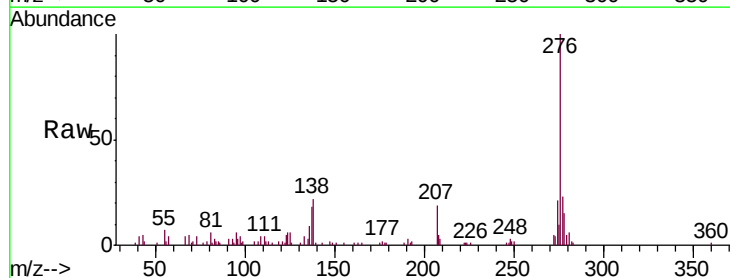
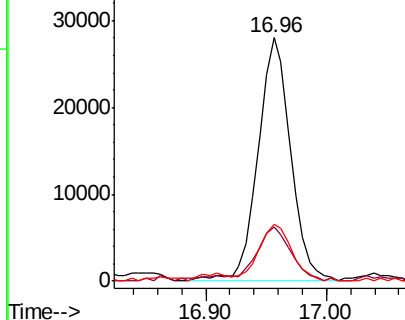
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

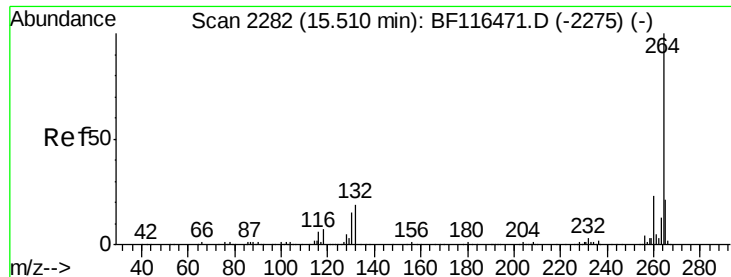


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.540 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	22.9	34.3
277	24.0	19.9	29.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





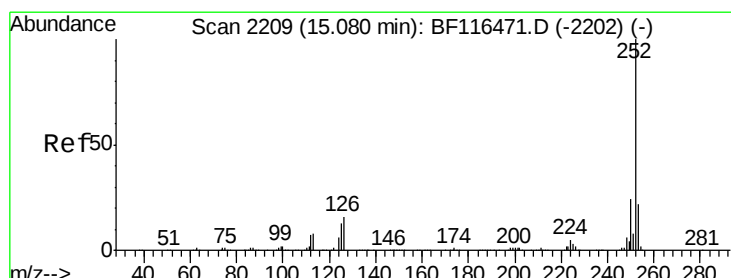
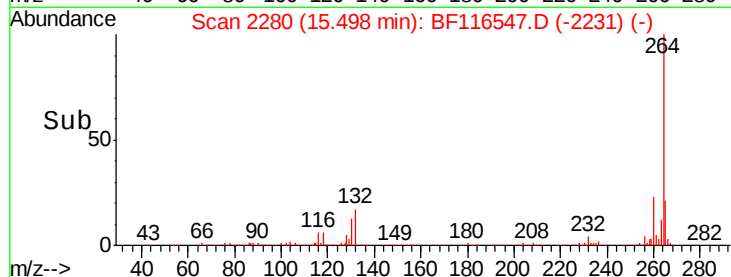
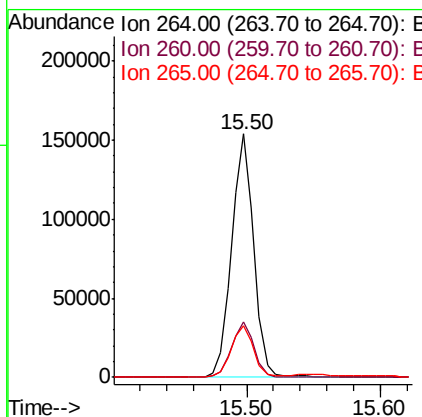
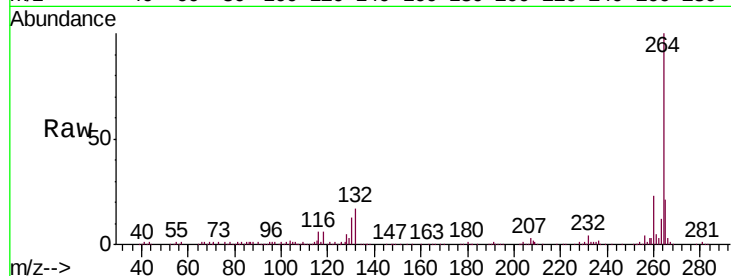
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.3	17.1	25.7

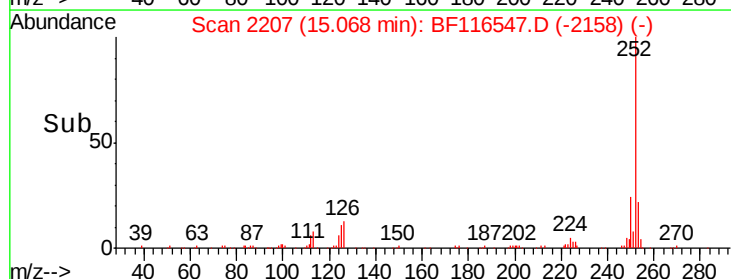
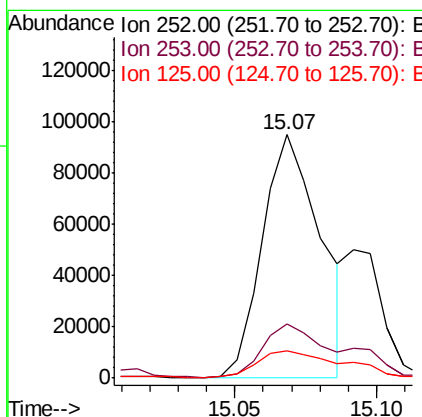
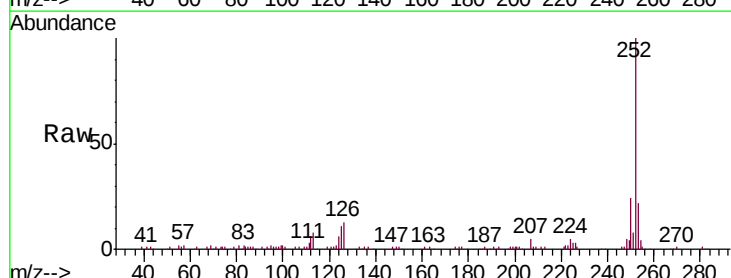
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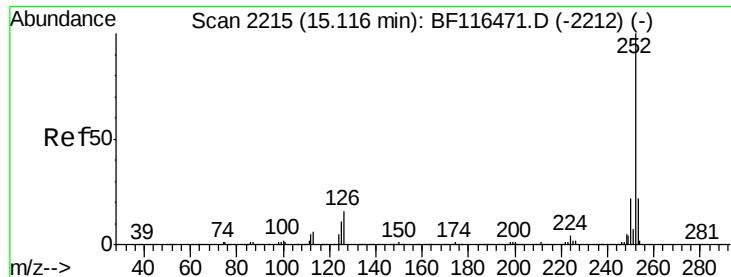
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#88
Benzo(b)fluoranthene
Concen: 12.362 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.1	10.1	15.1





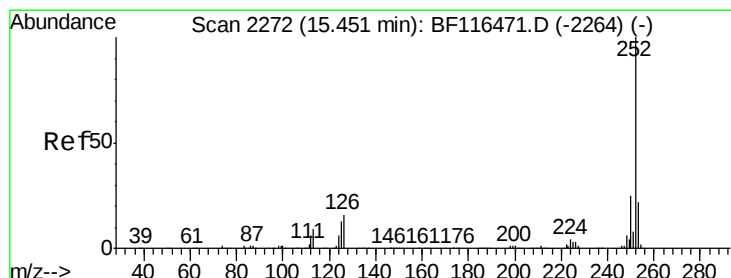
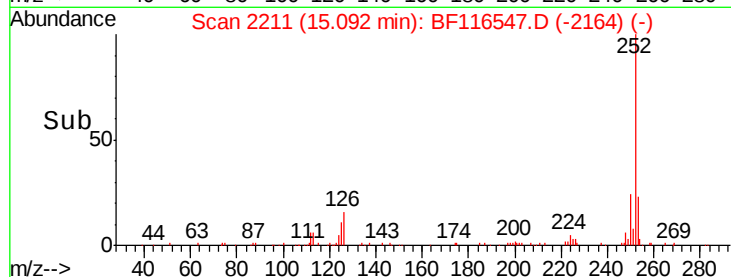
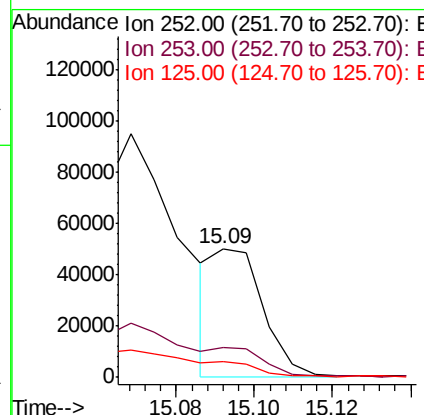
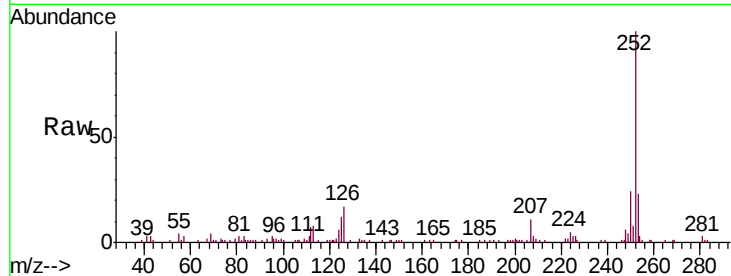
#89
Benzo(k)fluoranthene
Concen: 4.434 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	12.1	9.1	13.7

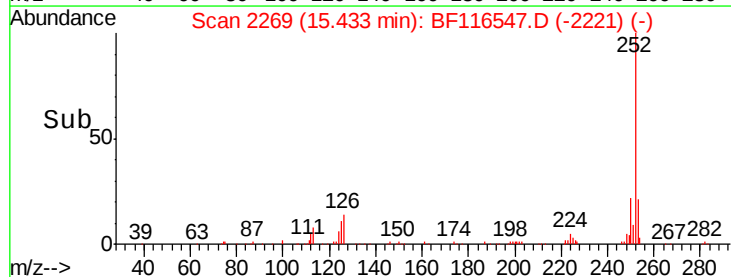
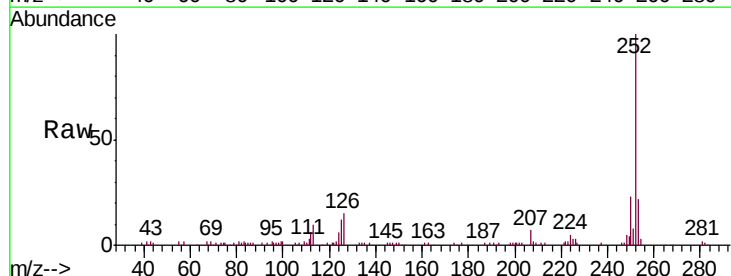
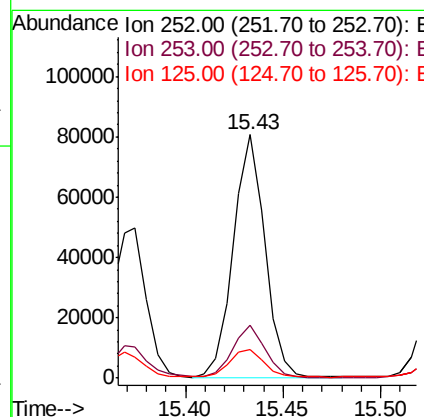
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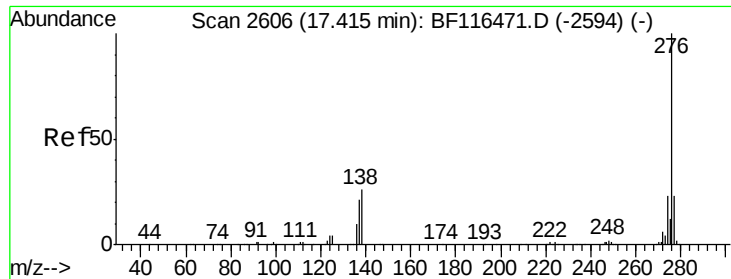
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#90
Benzo(a)pyrene
Concen: 9.285 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116547.D
Acq: 26 Aug 2019 00:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.6	10.2	15.4





#92
 Benzo(a,h,i)perylene
 Concen: 5.852 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BF116547.D
 Acq: 26 Aug 2019 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.8	18.7	28.1
138	23.1	20.8	31.2

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