

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120027.D
 Acq On : 16 Apr 2020 11:13
 Operator : MA/SJ
 Sample : L2230-45 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Manual Integrations
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Quant Time: Apr 16 11:47:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 10:48:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145374	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	539622	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	256114	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	435533	20.00	ng	0.00
76) Chrysene-d12	13.89	240	247228	20.00	ng	0.00
87) Perylene-d12	15.32	264	253348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	176024	20.93	ng	0.00
7) Phenol-d6	6.35	99	236020	21.77	ng	-0.01
23) Nitrobenzene-d5	7.28	82	148955	14.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	51244	16.34	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	304882	16.90	ng	0.00
79) Terphenyl-d14	12.84	244	246939	16.81	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.48	163	47158	2.381	ng	96
71) Phenanthrene	11.27	178	387945	16.737	ng	98
72) Anthracene	11.32	178	92003	3.885	ng	98
75) Fluoranthene	12.46	202	529256	21.161	ng	97
78) Pyrene	12.69	202	480839	23.071	ng	99
81) Benzo(a)anthracene	13.88	228	225968	13.894	ng	99
83) Chrysene	13.92	228	189363	11.459	ng	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	101661	6.979	ng	97
88) Benzo(b)fluoranthene	14.91	252	253847m	13.928	ng	
89) Benzo(k)fluoranthene	14.93	252	65555m	4.169	ng	
90) Benzo(a)pyrene	15.26	252	178506	11.649	ng	98
91) Dibenzo(a,h)anthracene	16.71	278	28010	2.064	ng	93
92) Benzo(a,h,i)perylene	17.12	276	96621	7.211	ng	98

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

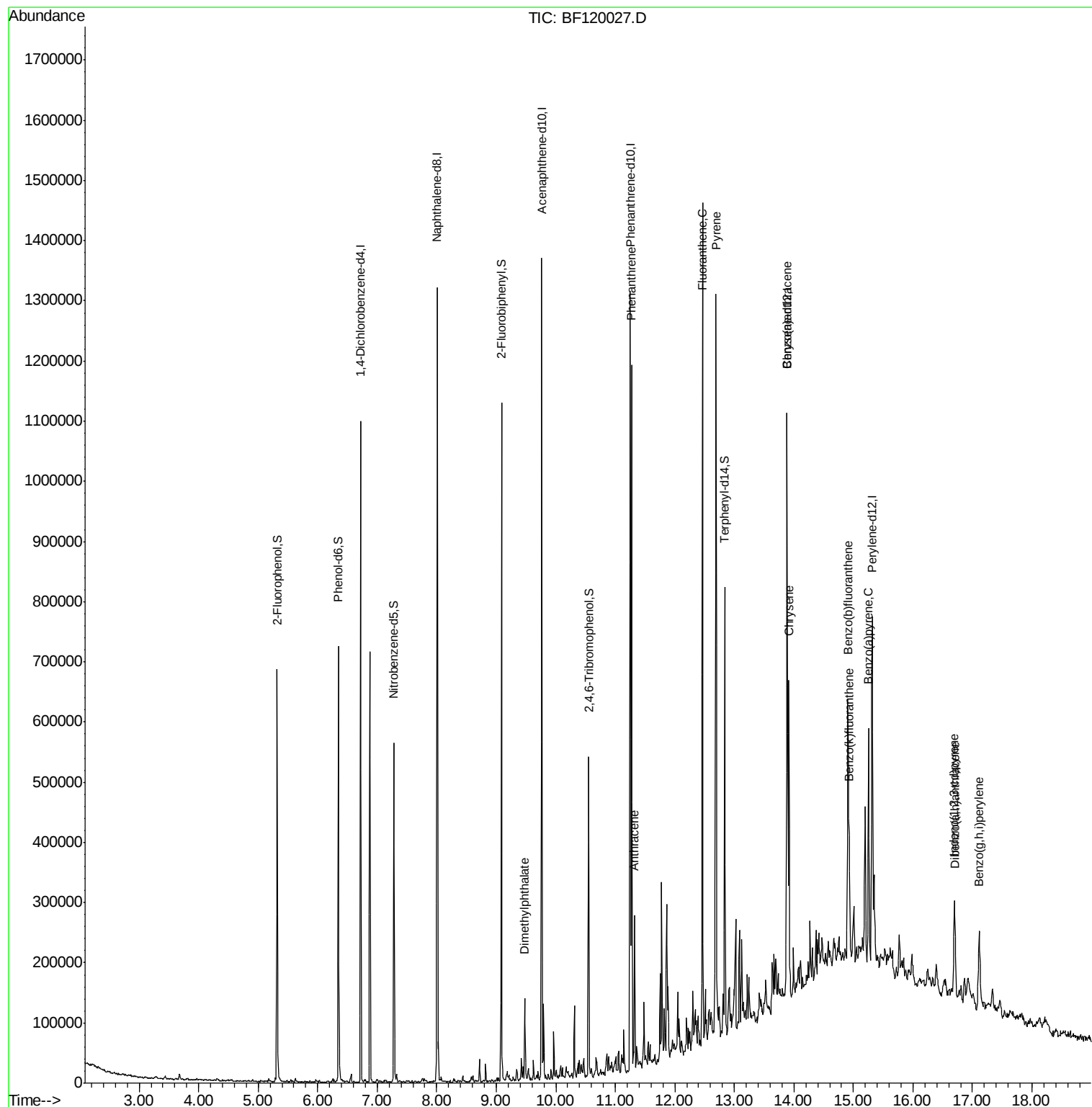
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
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Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

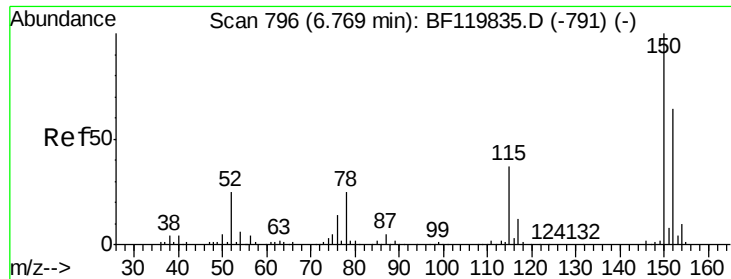
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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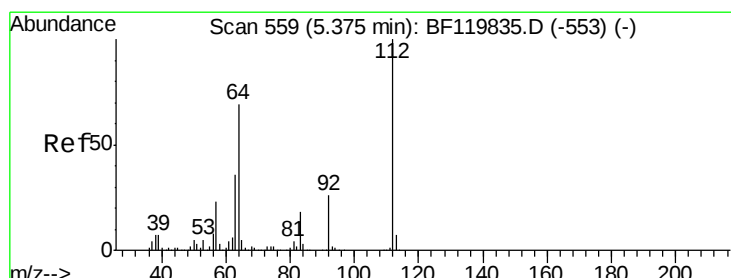
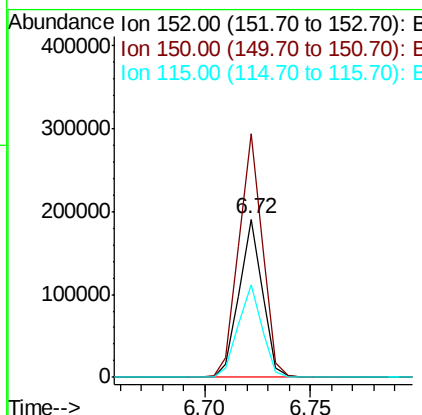
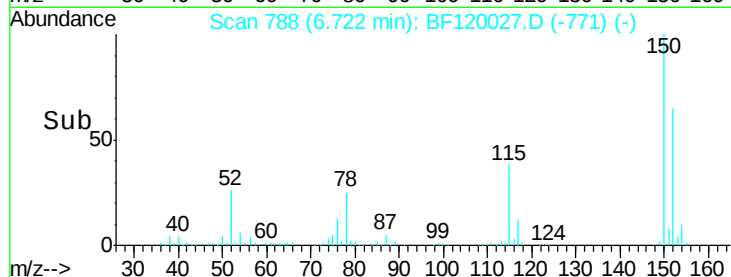
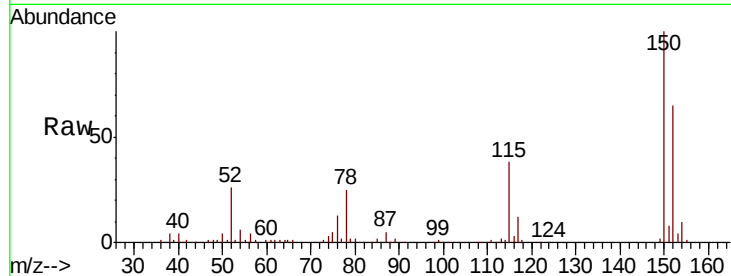
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF120027.D
 Acq: 16 Apr 2020 11:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.8	187.2
115	58.5	46.5	69.7

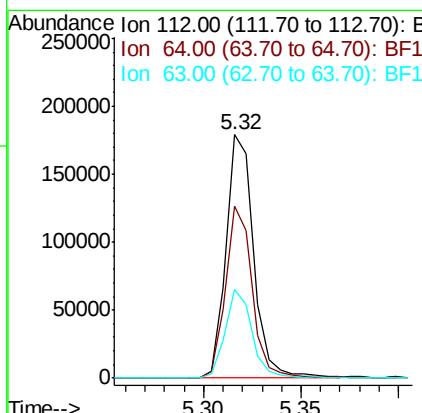
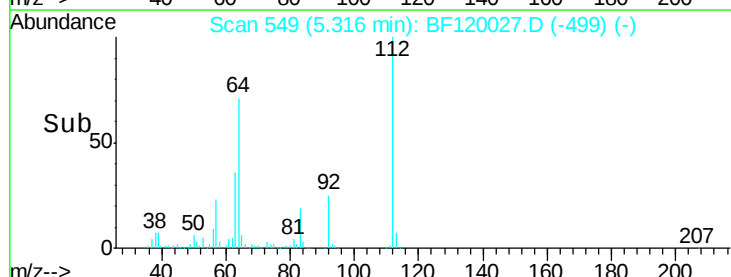
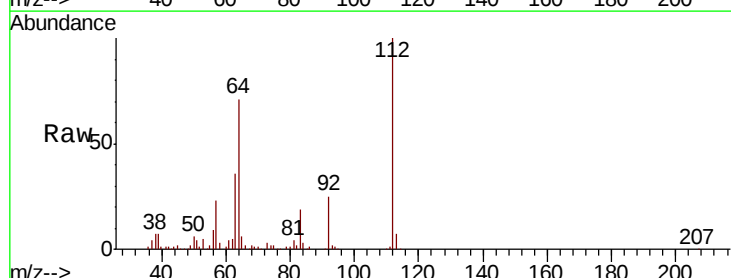
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#5
 2-Fluorophenol
 Concen: 20.925 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF120027.D
 Acq: 16 Apr 2020 11:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	55.5	83.3
63	36.5	29.1	43.7





#7

Phenol-d6

Concen: 21.775 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120027.D

Acq: 16 Apr 2020 11:13

Instrument :

BNA_F

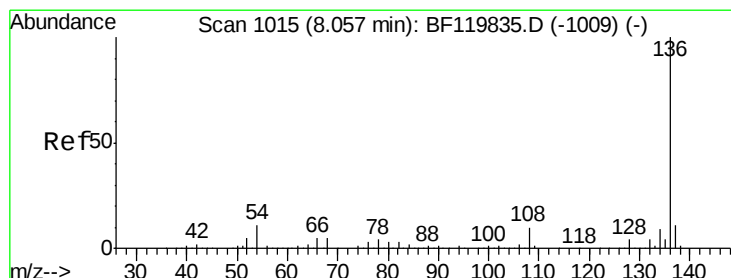
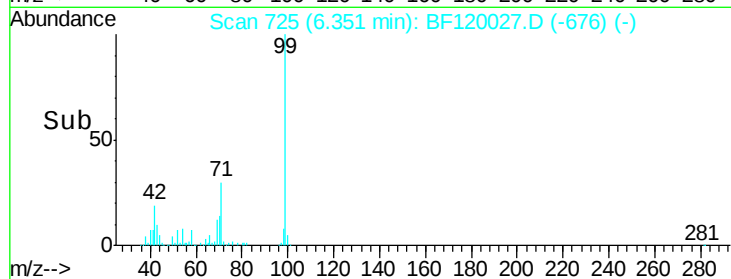
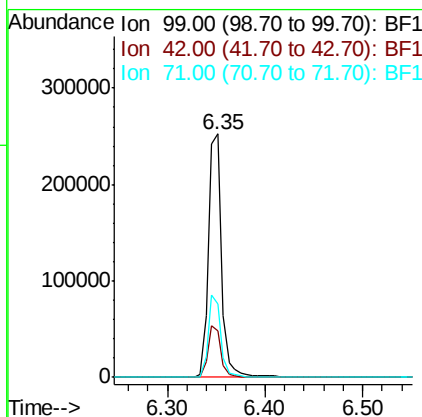
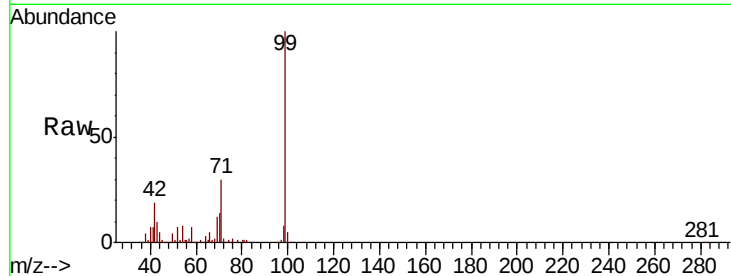
ClientSampleId :

TP-34

Tot Ion:	99	Resp:	236020
Ion Ratio	Lower	Upper	
99	100		
42	19.0	16.9	25.3
71	30.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

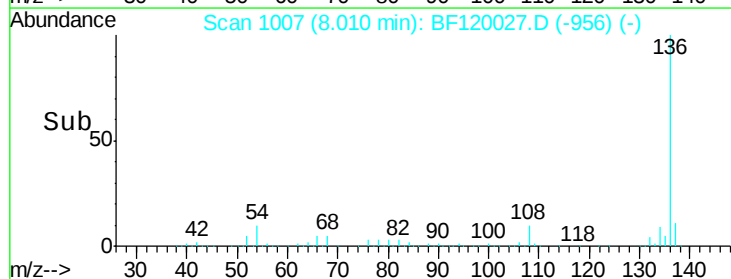
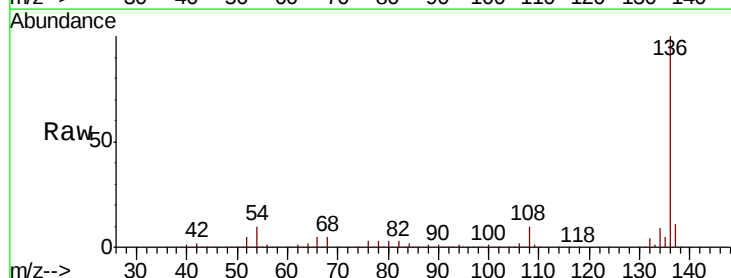
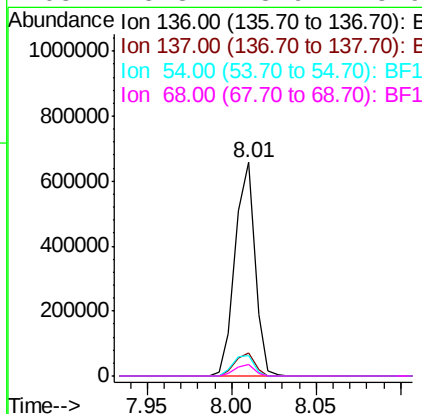
RT: 8.01 min Scan# 1007

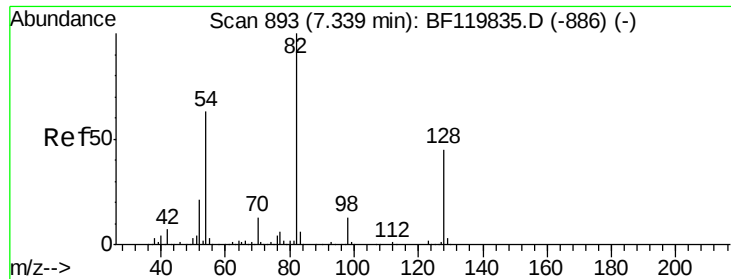
Delta R.T. -0.00 min

Lab File: BF120027.D

Acq: 16 Apr 2020 11:13

Tgt Ion:	136	Resp:	539622
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	9.7	8.5	12.7
68	5.3	3.9	5.9





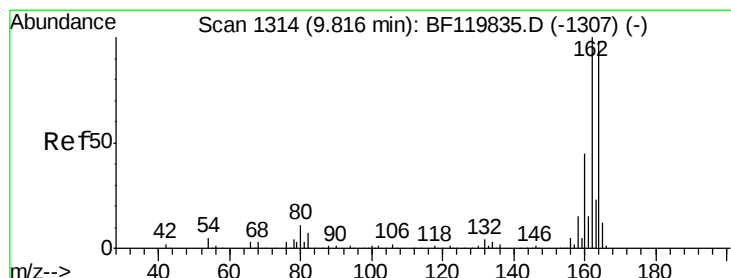
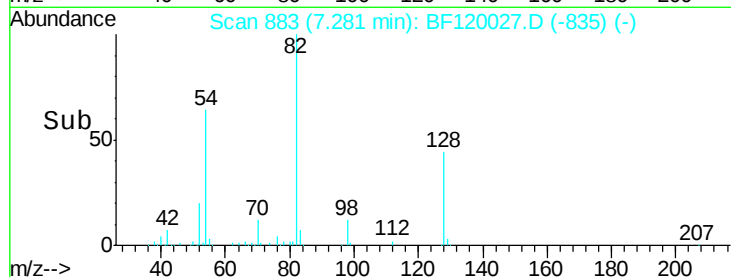
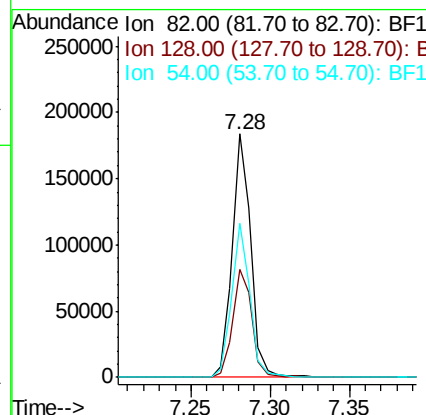
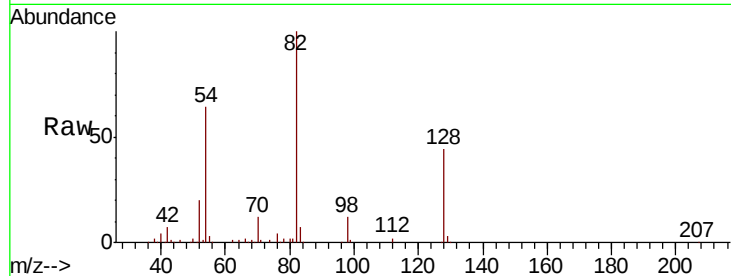
#23
 Nitrobenzene-d5
 Concen: 14.280 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF120027.D
 Acq: 16 Apr 2020 11:13

Instrument :
 BNA_F
 ClientSampled :
 TP-34

Tot Ion:	82	Resp:	148955
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.2	54.4
54	63.5	50.4	75.6

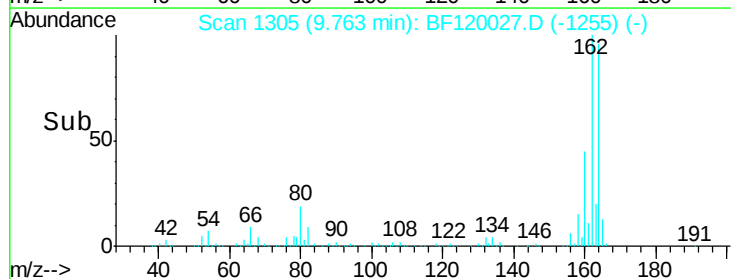
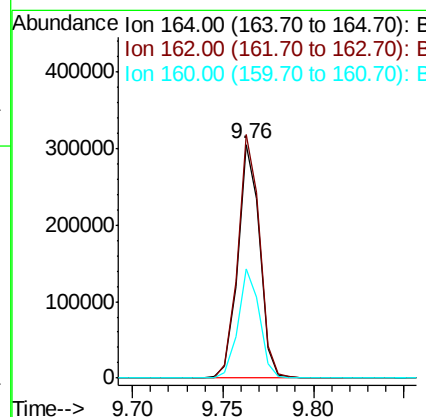
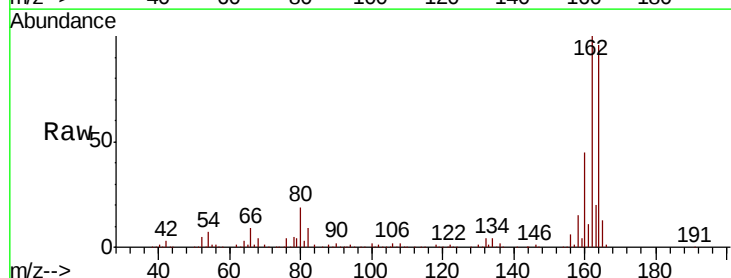
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF120027.D
 Acq: 16 Apr 2020 11:13

Tgt Ion:	164	Resp:	256114
Ion Ratio	Lower	Upper	
164	100		
162	104.3	81.9	122.9
160	46.8	36.6	54.8





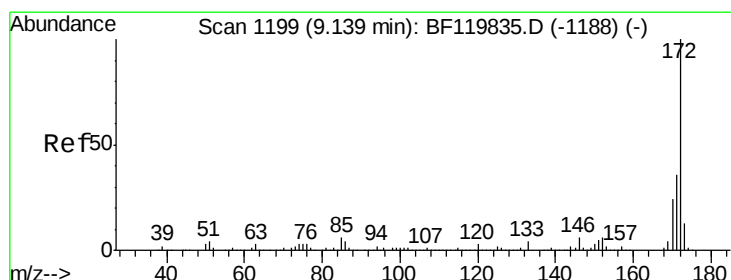
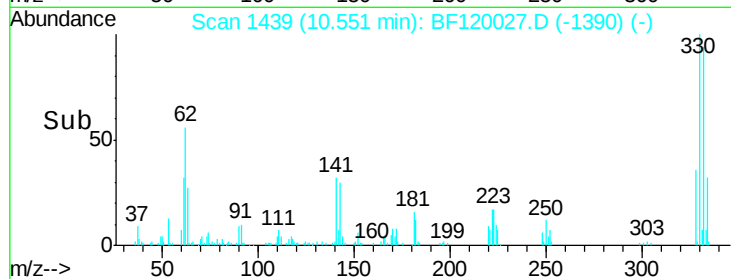
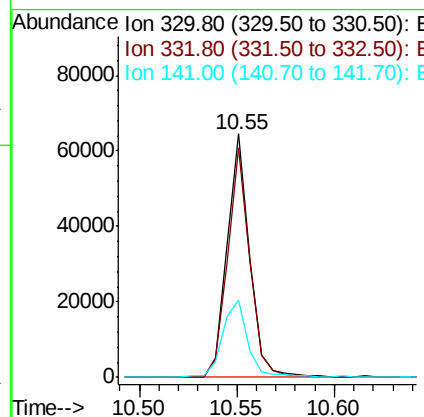
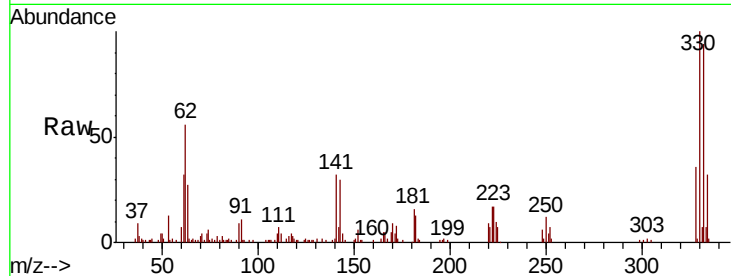
#42
 2,4,6-Tribromophenol
 Concen: 16.342 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120027.D
 Acq: 16 Apr 2020 11:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.8	115.2
141	35.8	25.1	37.7

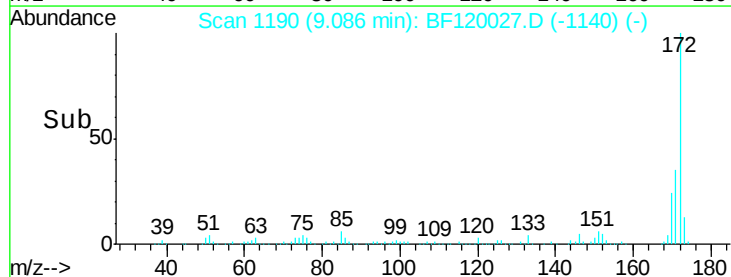
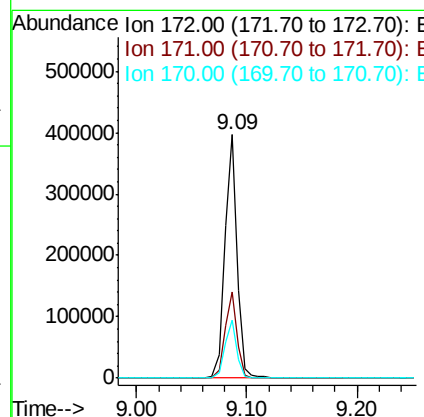
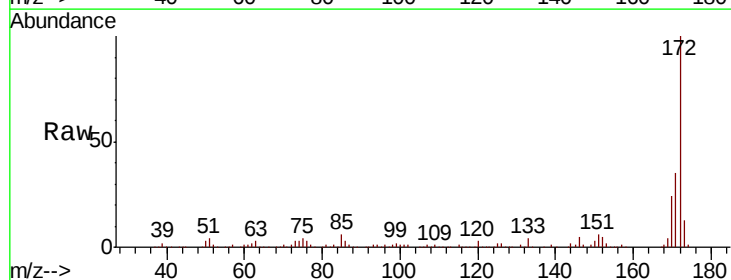
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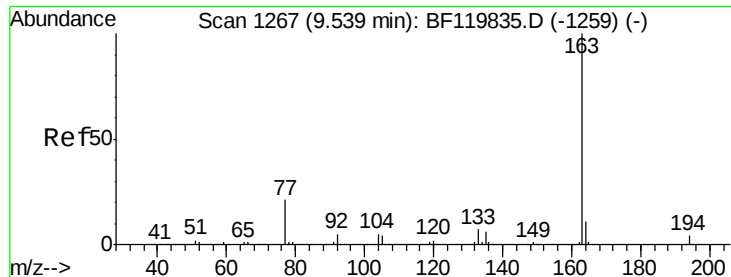
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#45
 2-Fluorobiphenyl
 Concen: 16.901 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120027.D
 Acq: 16 Apr 2020 11:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.8	19.4	29.2





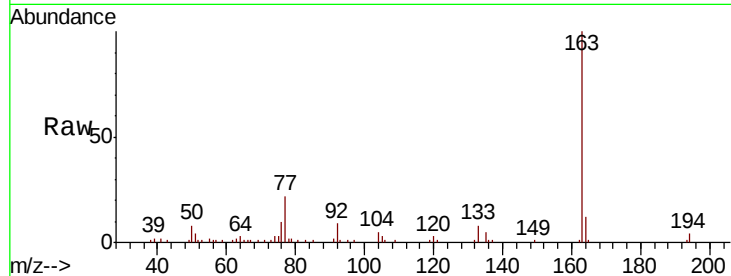
#50
Dimethylphthalate
Concen: 2.381 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Instrument :
BNA_F
ClientSampleId :
TP-34

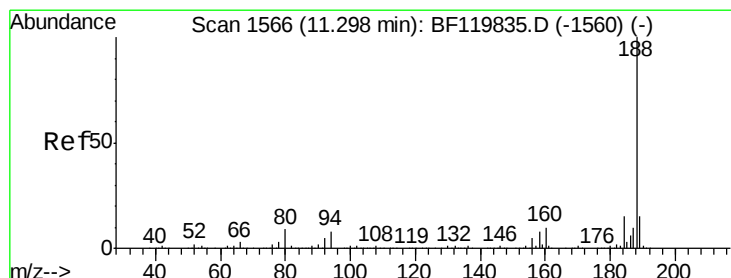
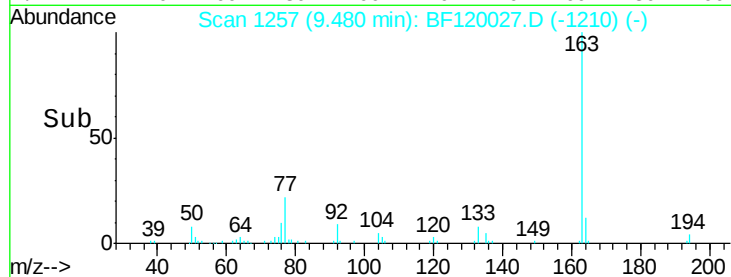
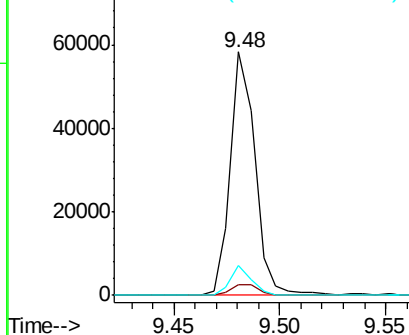
Tot Ion:163	Resp:	47158
Ion Ratio	Lower	Upper
163 100		
194 4.2	3.0	4.4
164 12.1	8.4	12.6

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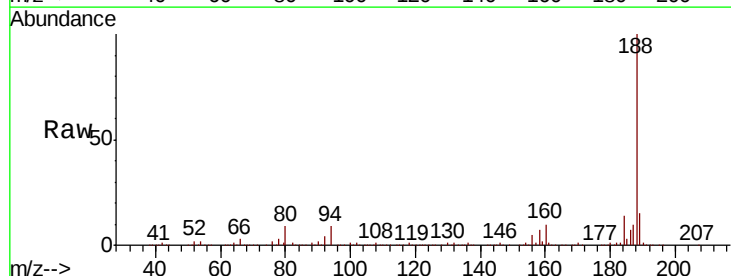


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

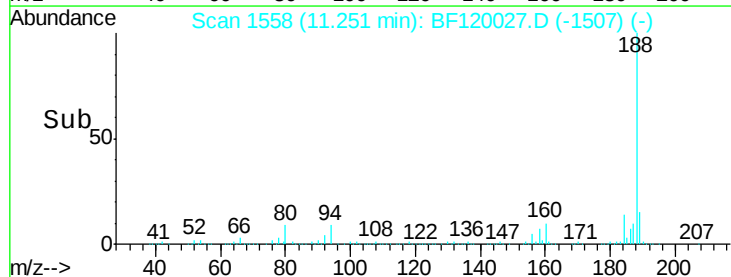
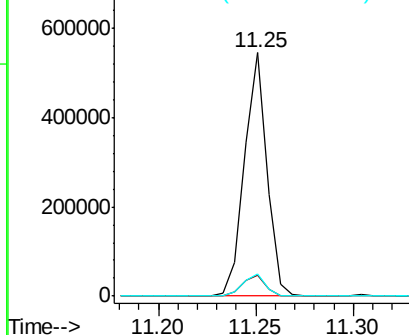


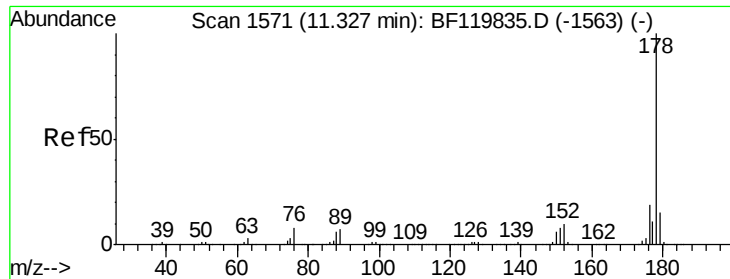
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Tgt Ion:188	Resp:	435533
Ion Ratio	Lower	Upper
188 100		
94 8.6	6.7	10.1
80 9.1	7.4	11.2



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





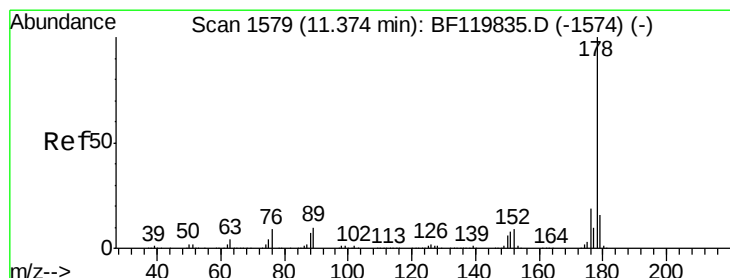
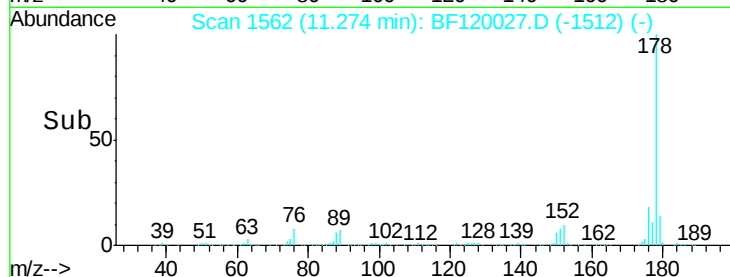
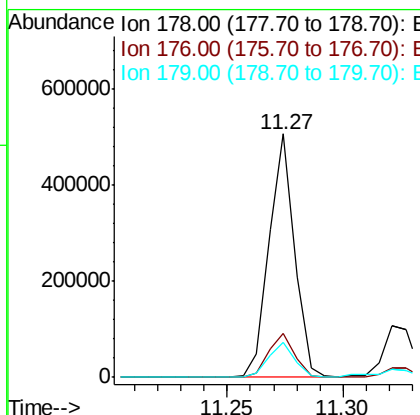
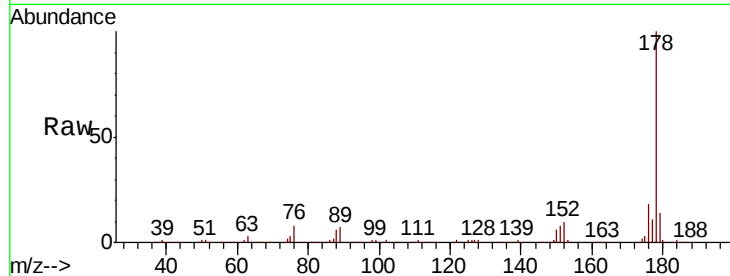
#71
Phenanthrene
Concen: 16.737 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Instrument :
BNA_F
ClientSampleId :
TP-34

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	14.4	12.2	18.4

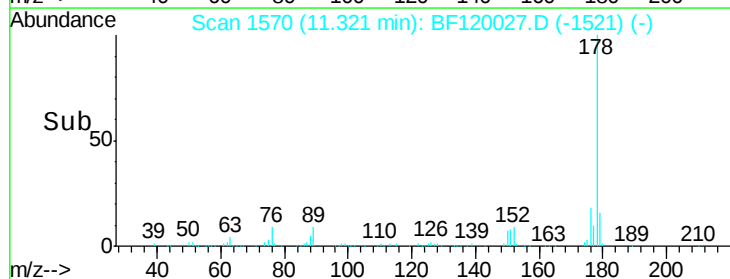
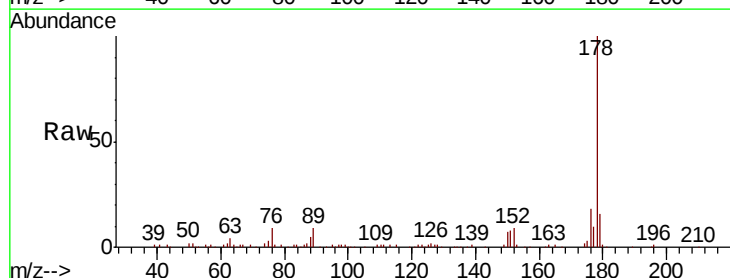
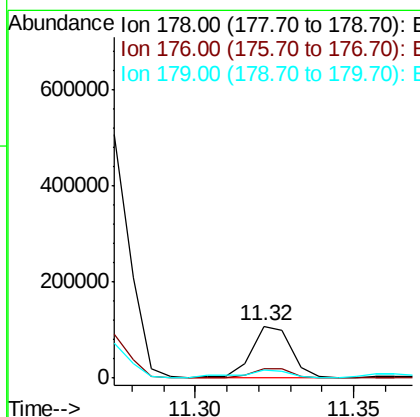
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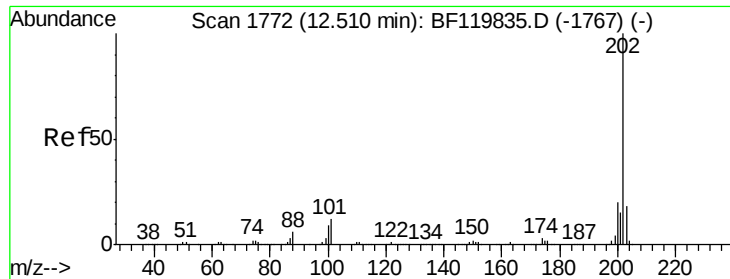
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#72
Anthracene
Concen: 3.885 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	16.2	12.8	19.2





#75

Fluoranthene

Concen: 21.161 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF120027.D

Acq: 16 Apr 2020 11:13

Instrument :

BNA_F

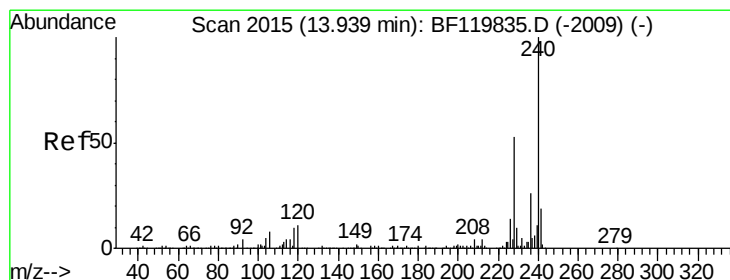
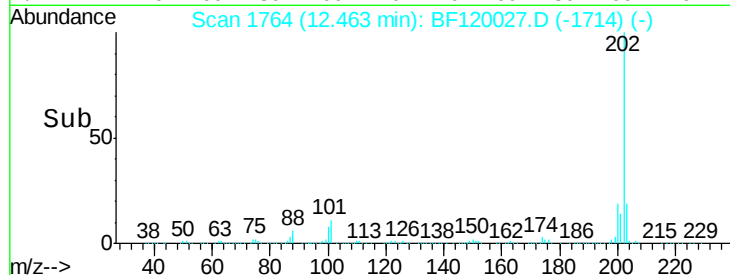
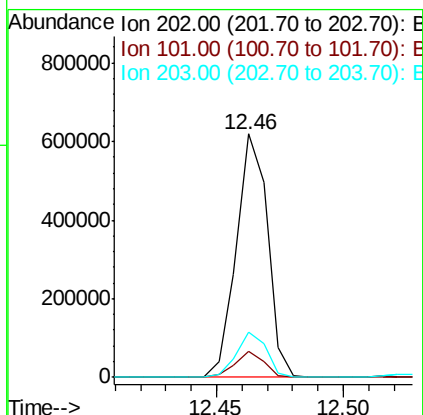
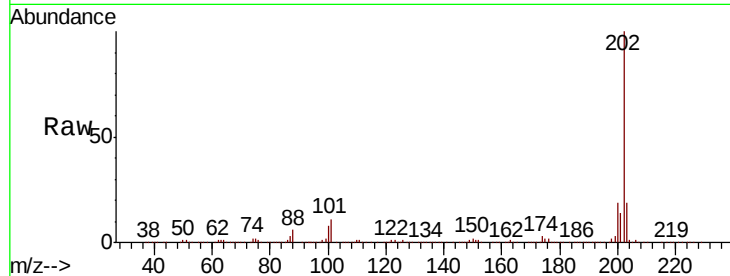
ClientSampleId :

TP-34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		529256		
101	10.8	0.0	32.3		
203	18.6	0.0	37.6		

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#76

Chrysene-d12

Concen: 20.000 ng

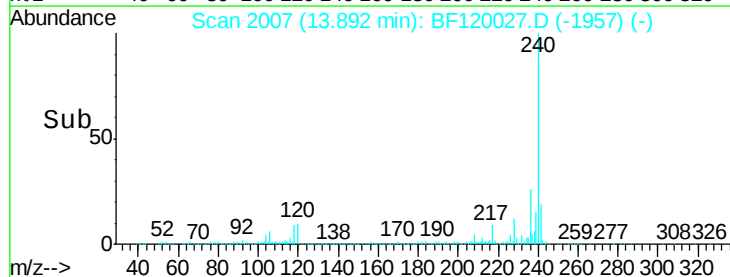
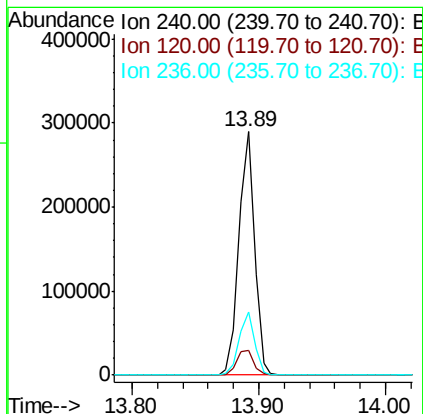
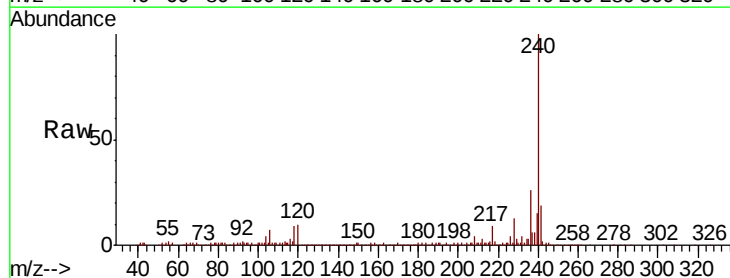
RT: 13.89 min Scan# 2007

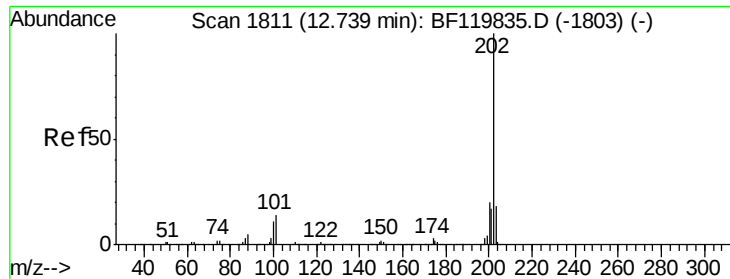
Delta R.T. -0.01 min

Lab File: BF120027.D

Acq: 16 Apr 2020 11:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		247228		
120	10.2	9.0	13.6		
236	26.0	20.7	31.1		





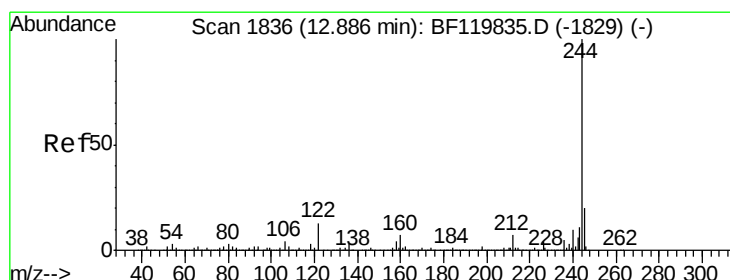
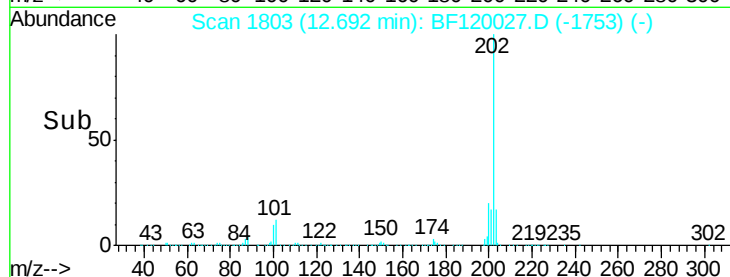
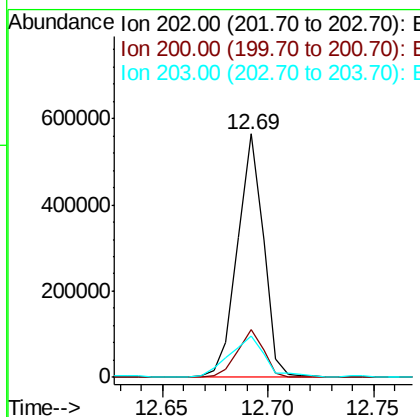
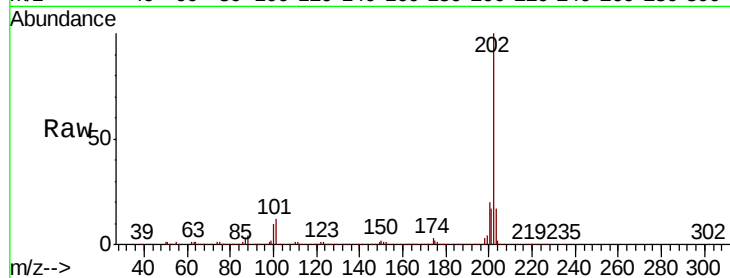
#78
Pvrene
Concen: 23.071 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Instrument :
BNA_F
ClientSampleId :
TP-34

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.2	24.2
203	17.2	14.1	21.1

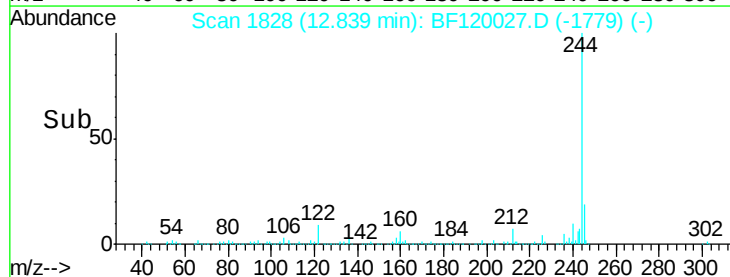
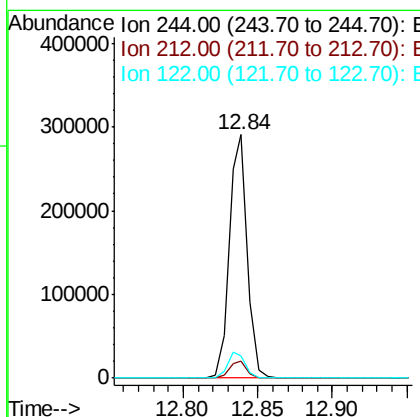
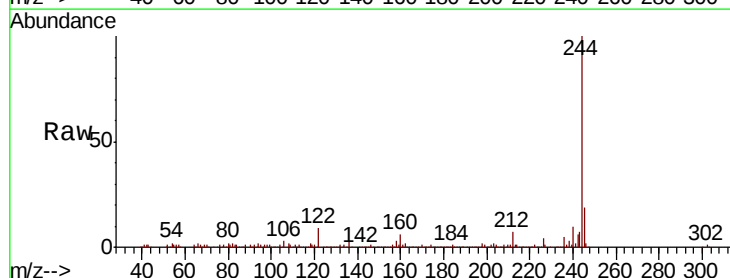
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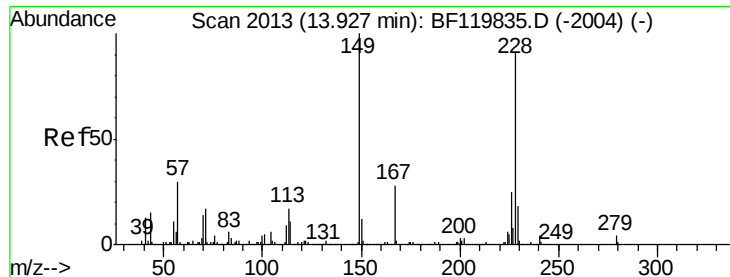
mohammad
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#79
Terphenyl-d14
Concen: 16.807 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.3	10.3	15.5





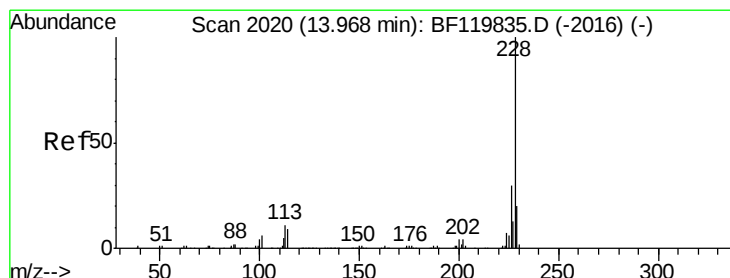
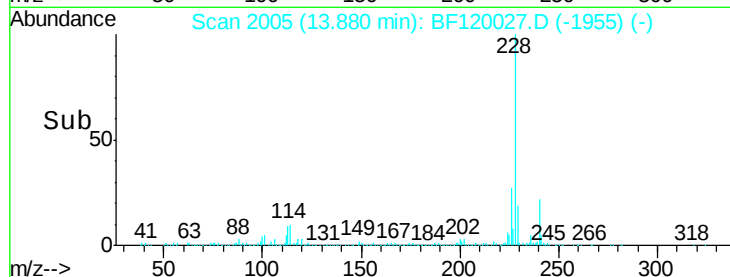
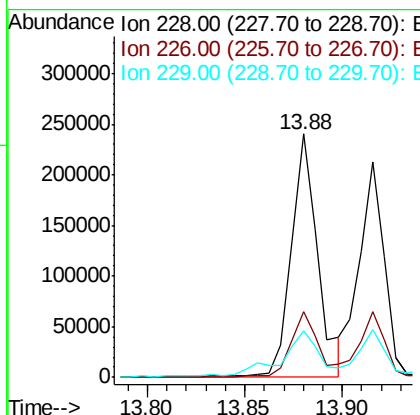
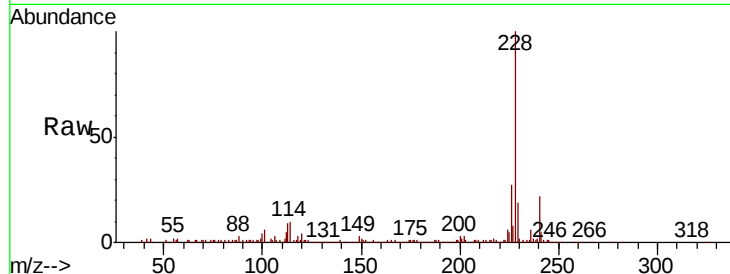
#81
Benzo(a)anthracene
Concen: 13.894 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Instrument :
BNA_F
ClientSampleId :
TP-34

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.9	32.9
229	19.3	15.9	23.9

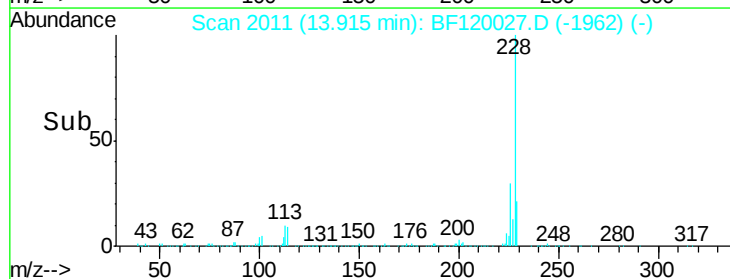
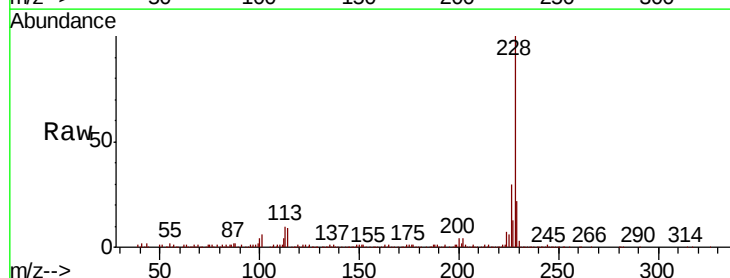
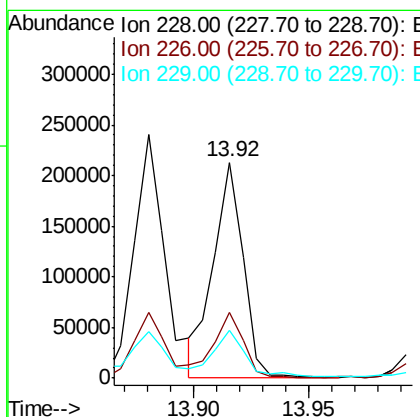
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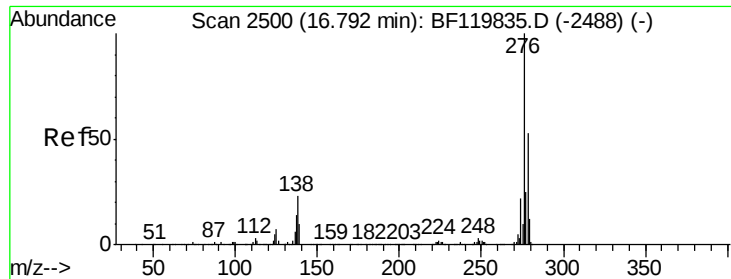
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#83
Chrysene
Concen: 11.459 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	22.0	15.9	23.9





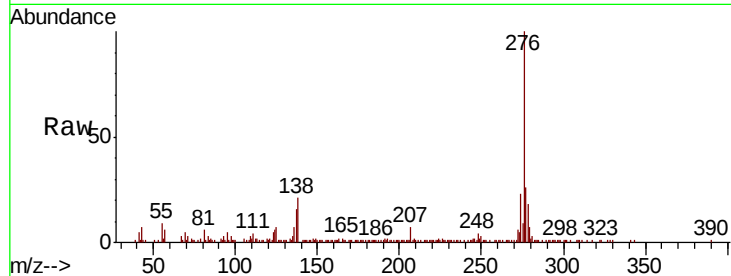
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 6.979 ng
 RT: 16.70 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BF120027.D
 Acq: 16 Apr 2020 11:13

Instrument :
 BNA_F
 ClientSampled :
 TP-34

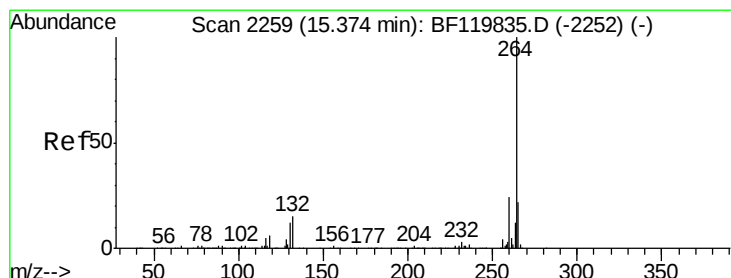
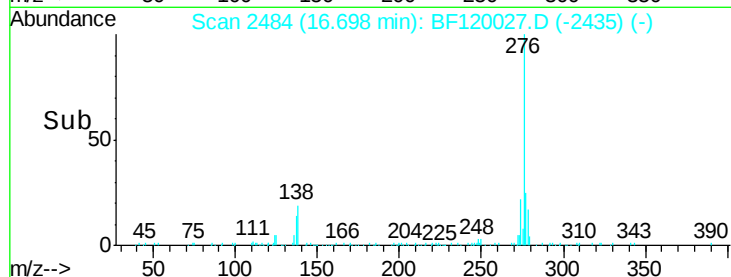
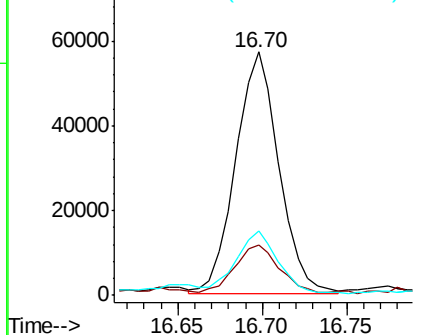
Tot Ion:	276	Resp:	101661
Ion Ratio	Lower	Upper	
276	100		
138	20.2	18.0	27.0
277	24.2	20.1	30.1

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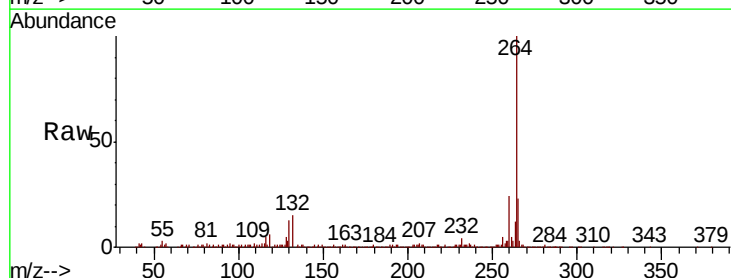


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

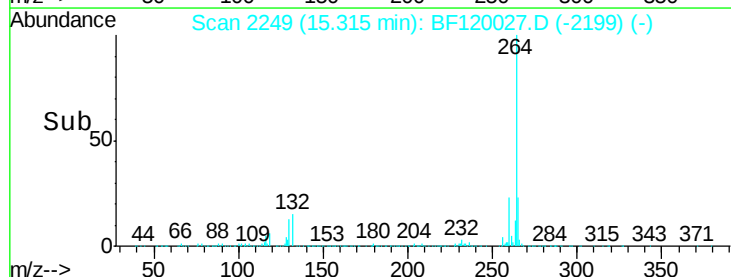
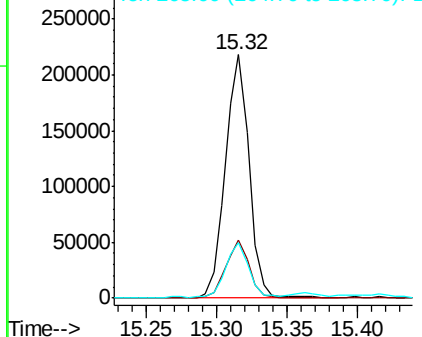


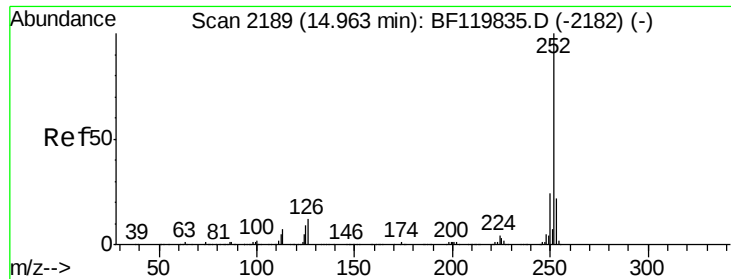
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BF120027.D
 Acq: 16 Apr 2020 11:13

Tgt Ion:	264	Resp:	253348
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.3	28.9
265	22.5	17.6	26.4



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





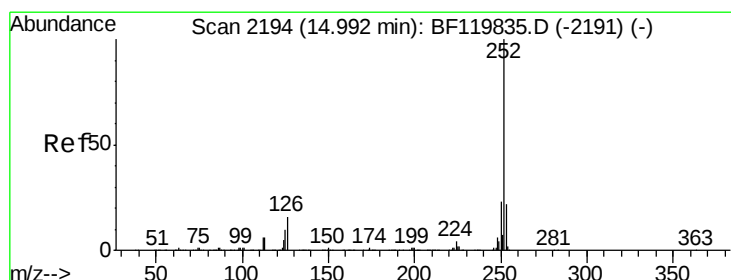
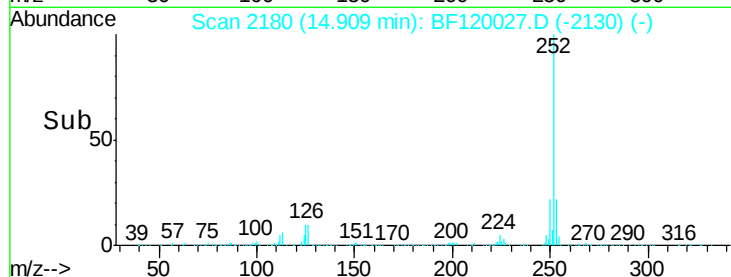
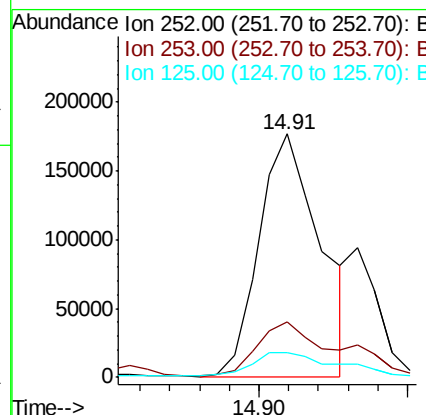
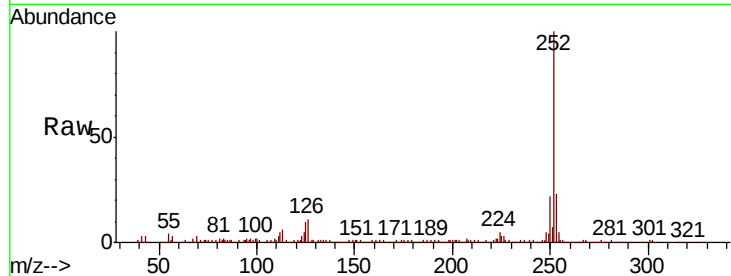
#88
Benzo(b)fluoranthene
Concen: 13.928 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Instrument :
BNA_F
ClientSampleId :
TP-34

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	10.2	7.4	11.2

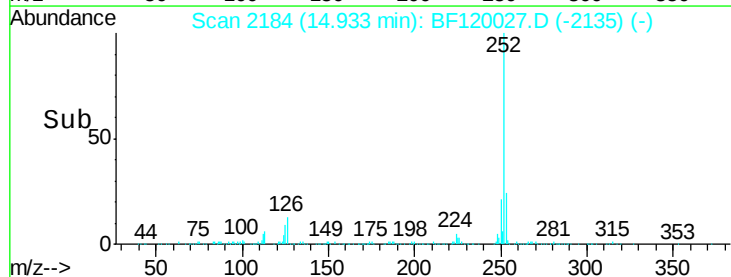
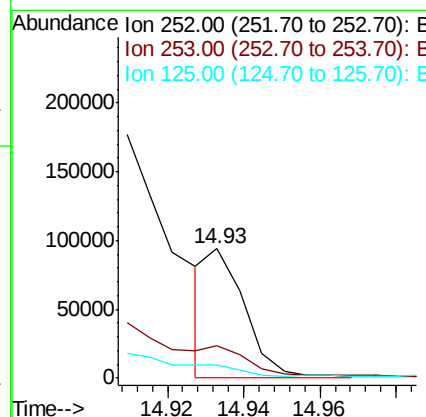
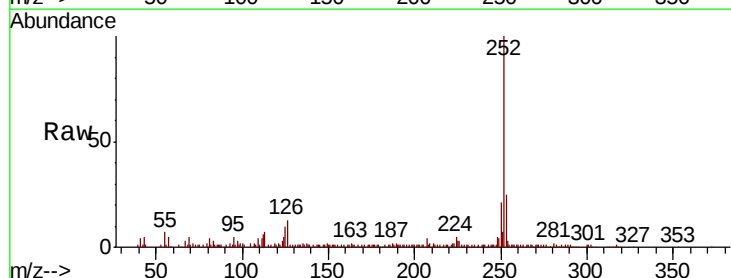
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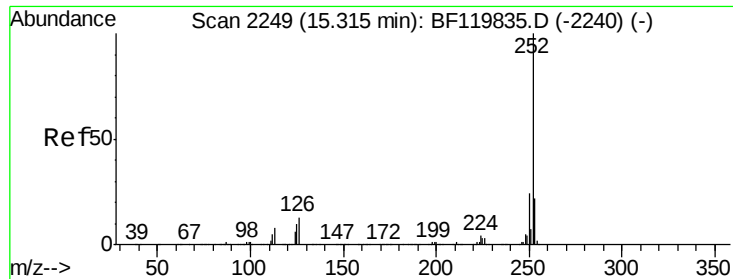
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#89
Benzo(k)fluoranthene
Concen: 4.169 ng m
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	10.3	7.7	11.5





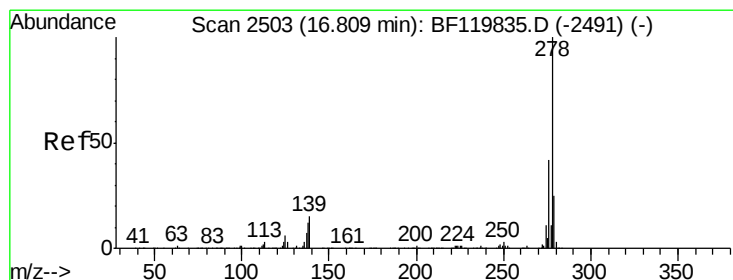
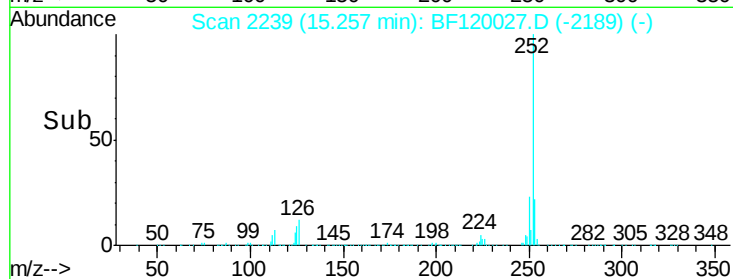
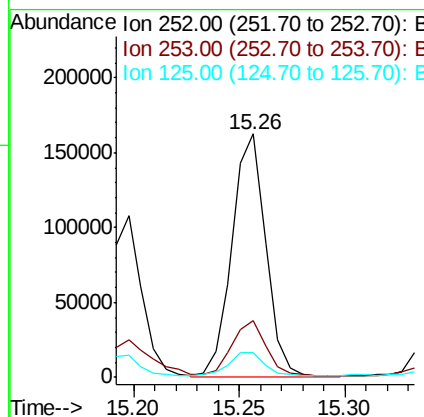
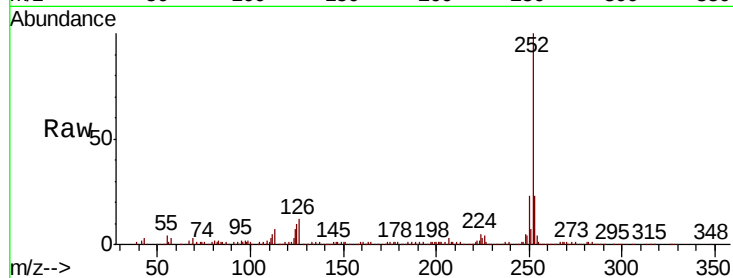
#90
Benzo(a)pyrene
Concen: 11.649 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Instrument :
BNA_F
ClientSampleId :
TP-34

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	10.1	8.3	12.5

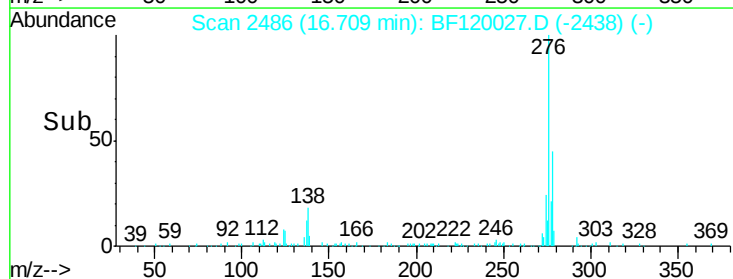
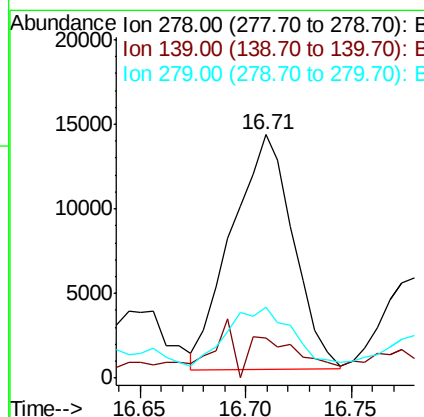
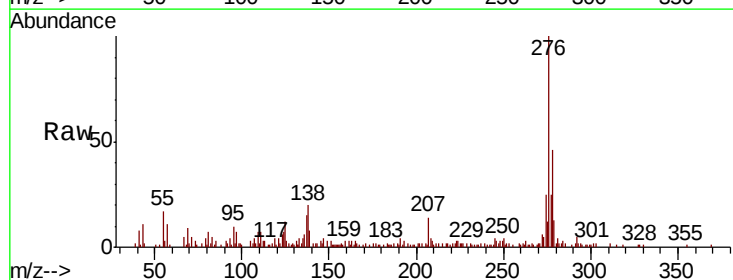
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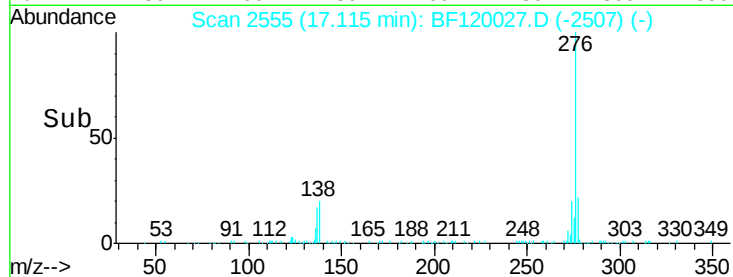
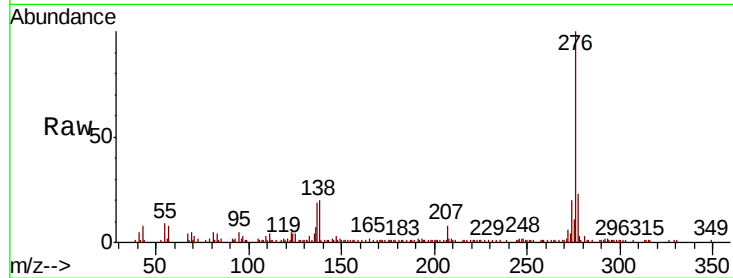
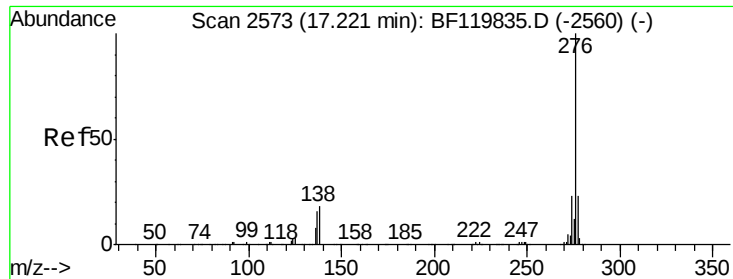
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#91
Dibenzo(a,h)anthracene
Concen: 2.064 ng
RT: 16.71 min Scan# 2486
Delta R.T. -0.02 min
Lab File: BF120027.D
Acq: 16 Apr 2020 11:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.6	17.4
279	29.0	19.7	29.5





#92

Benzo(a,h,i)perylene

Concen: 7.211 ng

RT: 17.12 min Scan# 2555

Delta R.T. -0.02 min

Lab File: BF120027.D

Acq: 16 Apr 2020 11:13

Tot Ion:	276	Resp:	96621
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.5	27.7
138	20.3	14.6	22.0

Instrument :

BNA_F

ClientSampleId :

TP-34

Manual Integrations
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