

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120033.D
 Acq On : 16 Apr 2020 13:54
 Operator : MA/SJ
 Sample : L2198-05 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-43-COMP

Manual Integrations
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Quant Time: Apr 17 02:15:38 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	130952	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	489655	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	230173	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	357089	20.00	ng	0.00
76) Chrysene-d12	13.89	240	242753	20.00	ng	0.00
87) Perylene-d12	15.32	264	238361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	193404	25.52	ng	0.00
7) Phenol-d6	6.35	99	245983	25.19	ng	-0.01
23) Nitrobenzene-d5	7.28	82	148731	15.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	41678	14.79	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	304469	18.78	ng	0.00
79) Terphenyl-d14	12.84	244	228734	15.85	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	41987	2.358	ng	96
71) Phenanthrene	11.27	178	150925	7.941	ng	99
72) Anthracene	11.33	178	46508	2.396	ng	99
75) Fluoranthene	12.46	202	68737	3.352	ng	95
78) Pyrene	12.69	202	113032	5.523	ng	98
81) Benzo(a)anthracene	13.88	228	39808	2.493	ng	97
83) Chrysene	13.92	228	40065	2.469	ng	99
88) Benzo(b)fluoranthene	14.91	252	36543m	2.131	ng	
90) Benzo(a)pyrene	15.26	252	36259	2.515	ng	# 96

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

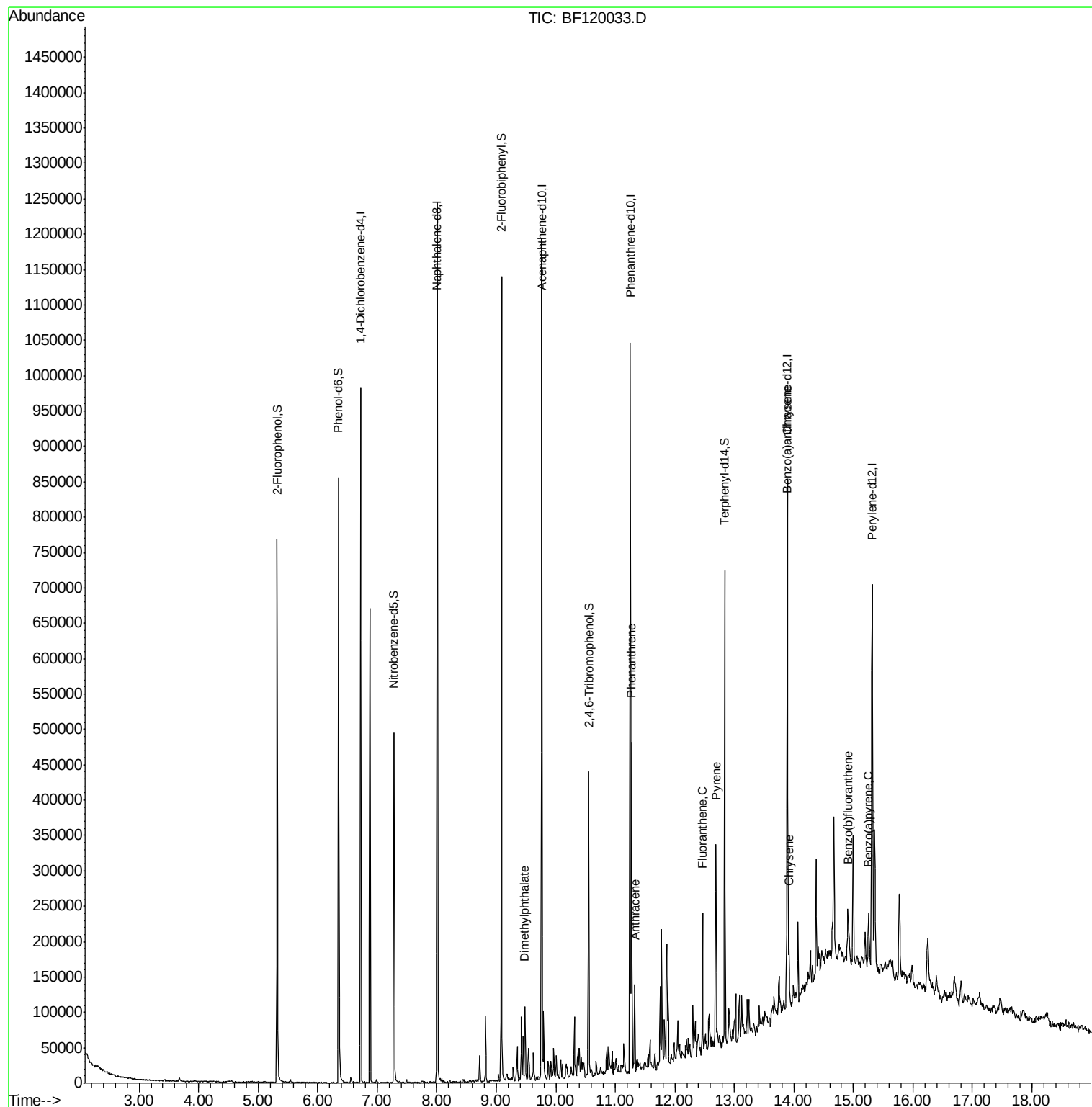
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120033.D
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Misc :
ALS Vial : 41 Sample Multiplier: 1

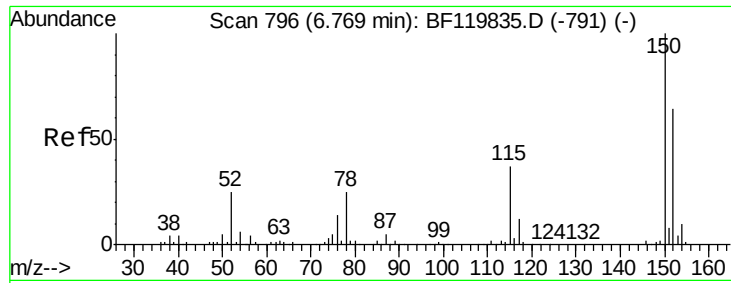
Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

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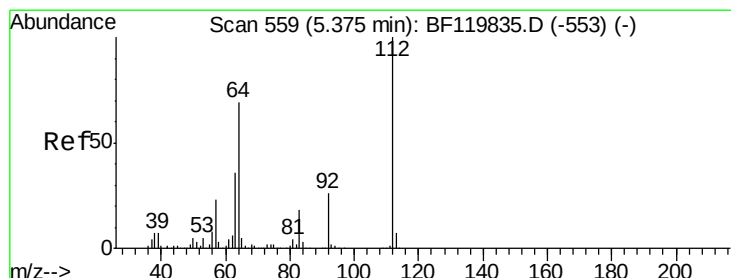
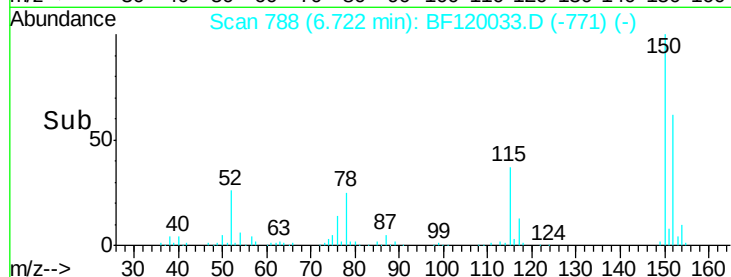
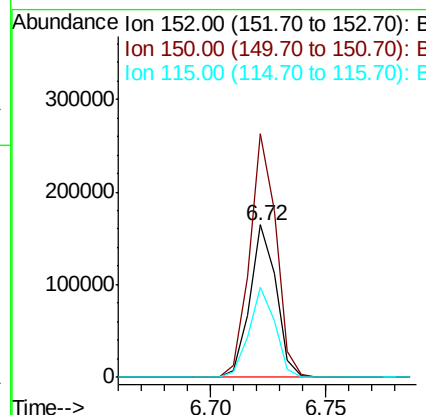
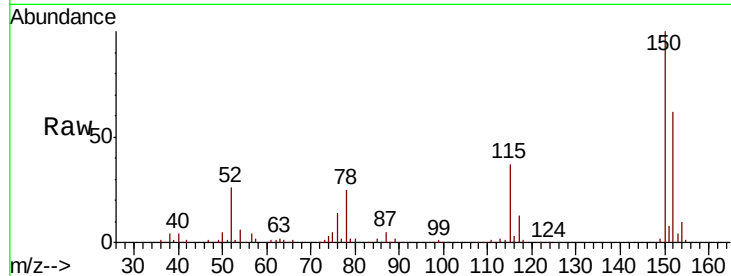
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF120033.D
 Acq: 16 Apr 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-43-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.8	187.2
115	59.4	46.5	69.7

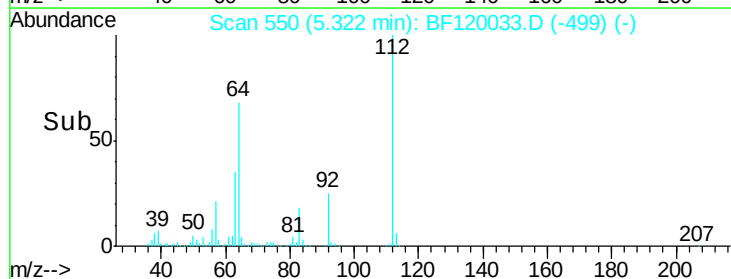
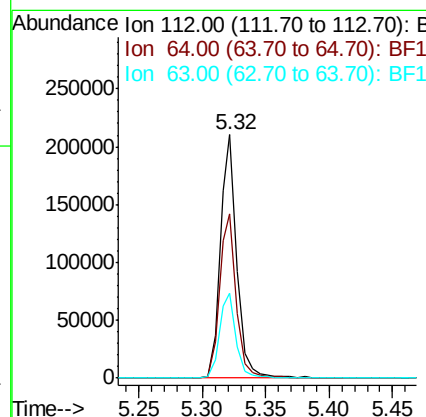
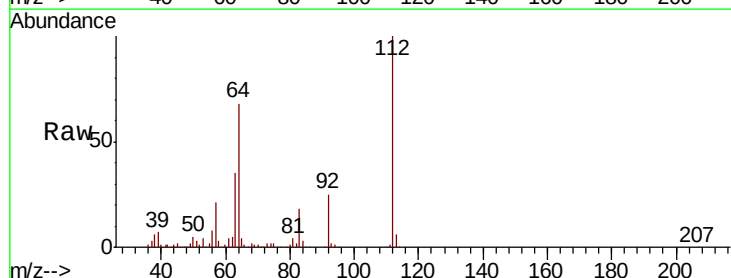
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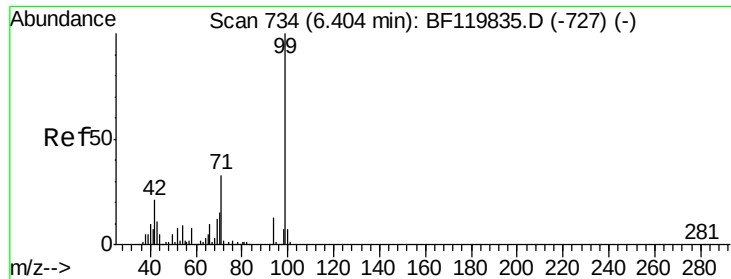
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#5
 2-Fluorophenol
 Concen: 25.524 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF120033.D
 Acq: 16 Apr 2020 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	55.5	83.3
63	34.8	29.1	43.7





#7

Phenol-d6

Concen: 25.193 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120033.D

Acq: 16 Apr 2020 13:54

Instrument :

BNA_F

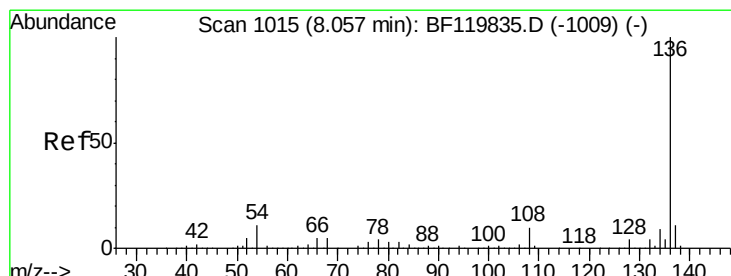
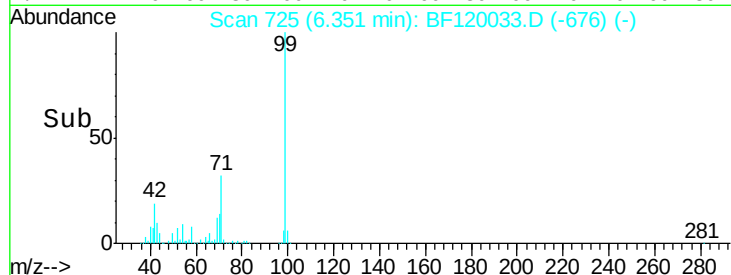
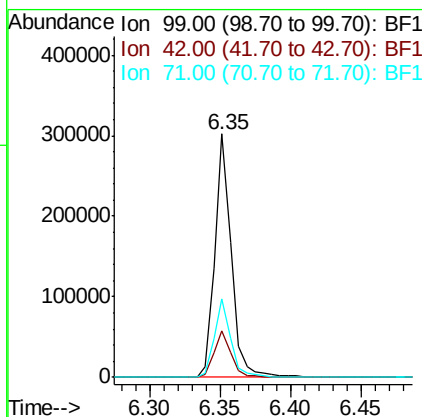
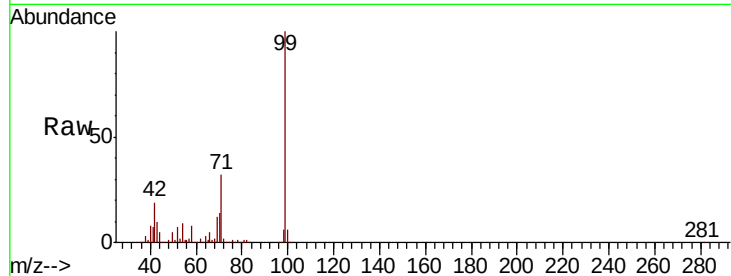
ClientSampleId :

TP-43-COMP

Tot Ion:	99	Resp:	245983
Ion Ratio	Lower	Upper	
99	100		
42	19.3	16.9	25.3
71	32.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

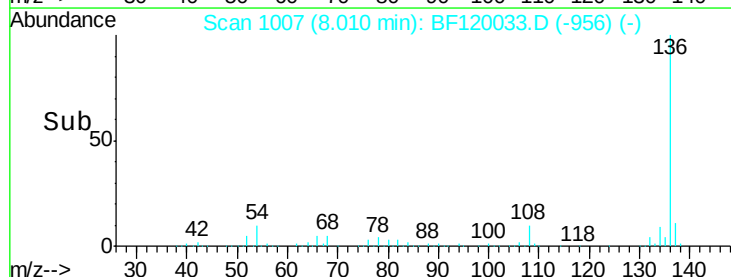
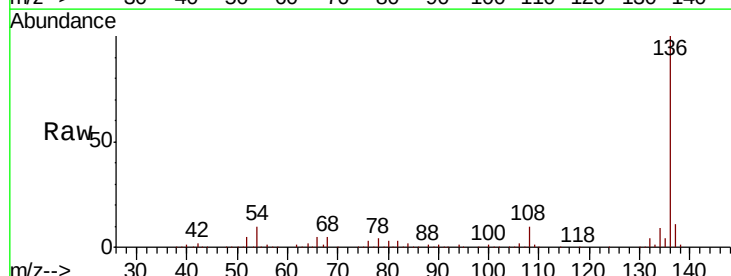
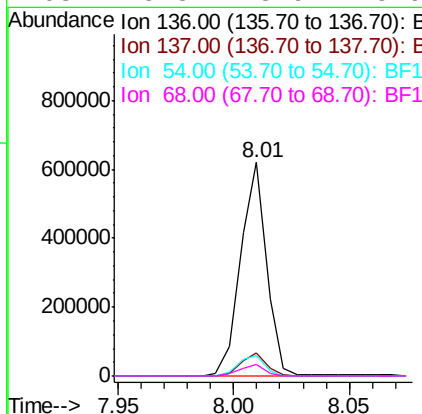
RT: 8.01 min Scan# 1007

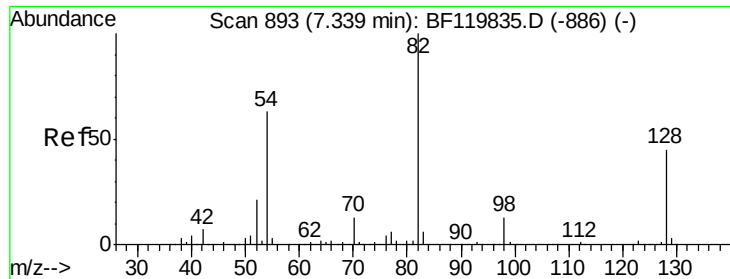
Delta R.T. -0.00 min

Lab File: BF120033.D

Acq: 16 Apr 2020 13:54

Tgt Ion:	136	Resp:	489655
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	9.7	8.5	12.7
68	5.3	3.9	5.9





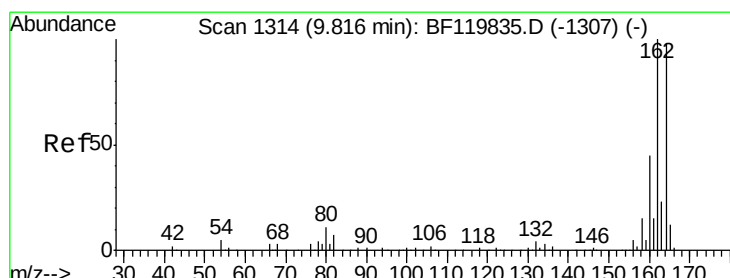
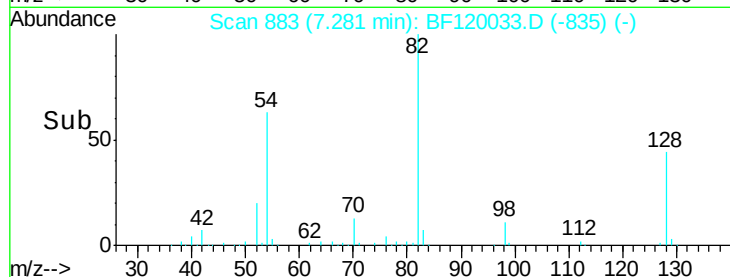
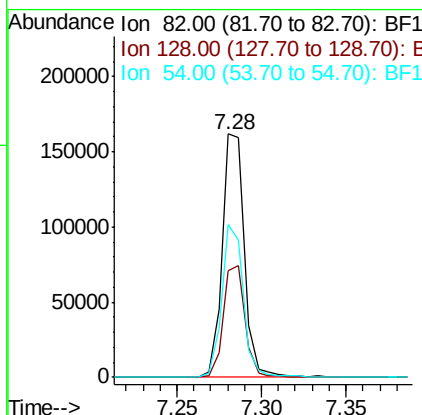
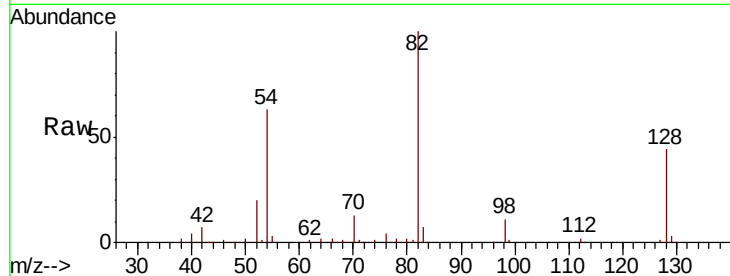
#23
 Nitrobenzene-d5
 Concen: 15.714 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF120033.D
 Acq: 16 Apr 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-43-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	148731		
128	43.9	36.2	54.4	
54	62.7	50.4	75.6	

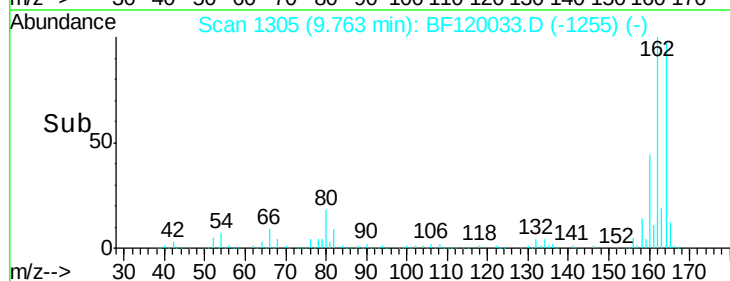
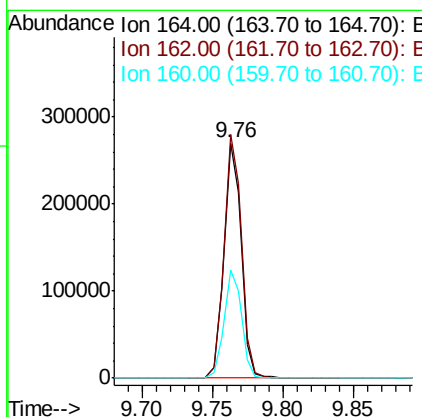
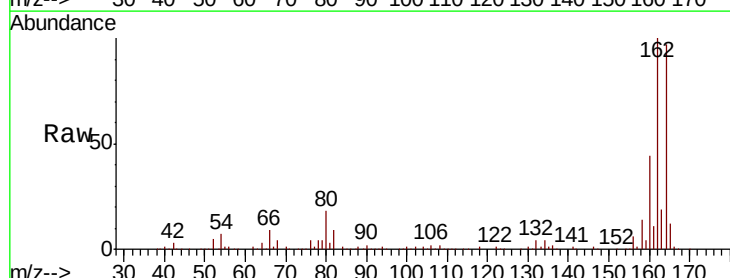
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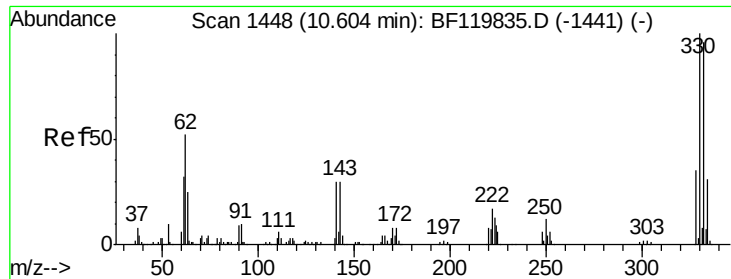
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF120033.D
 Acq: 16 Apr 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	230173		
162	103.5	81.9	122.9	
160	45.6	36.6	54.8	





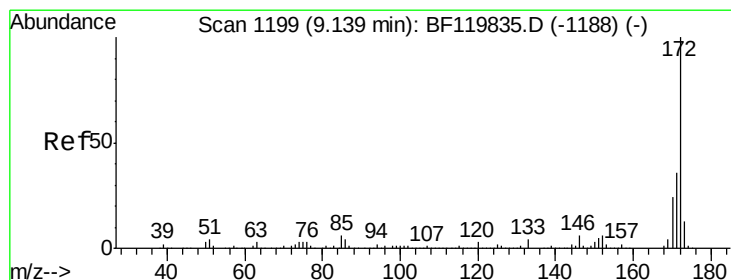
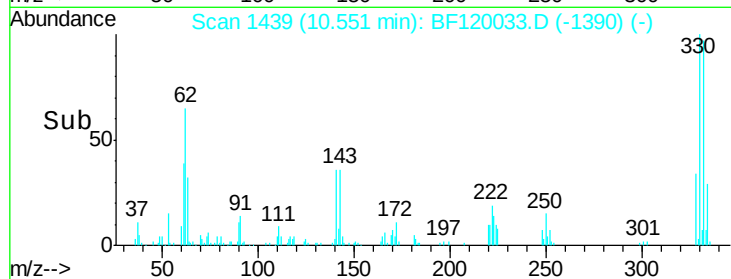
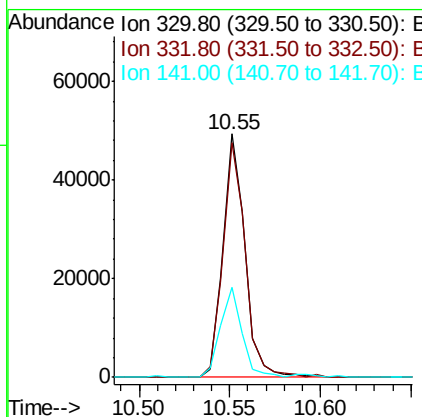
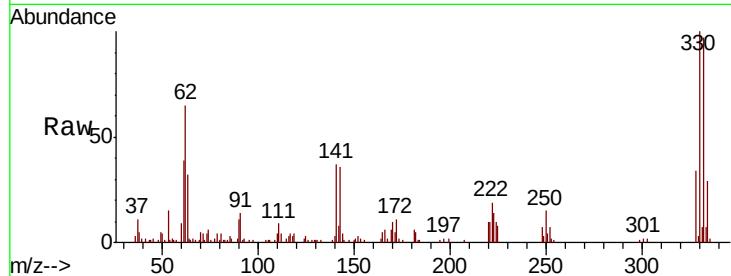
#42
 2,4,6-Tribromophenol
 Concen: 14.789 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120033.D
 Acq: 16 Apr 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-43-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.8	115.2
141	36.1	25.1	37.7

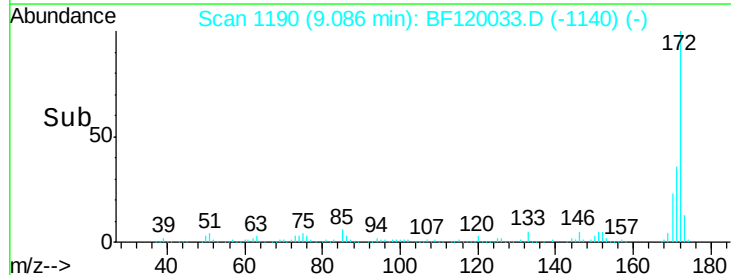
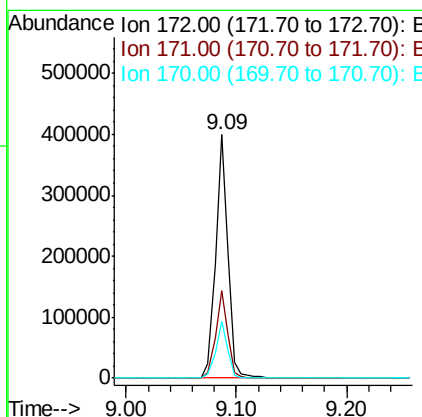
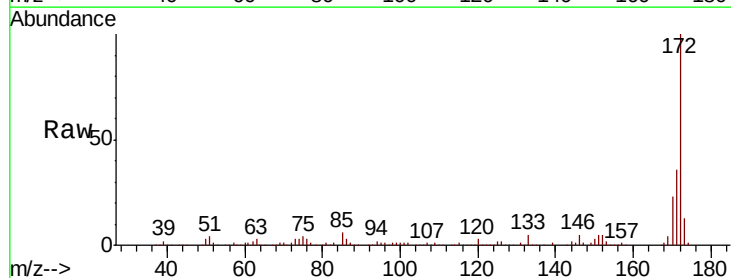
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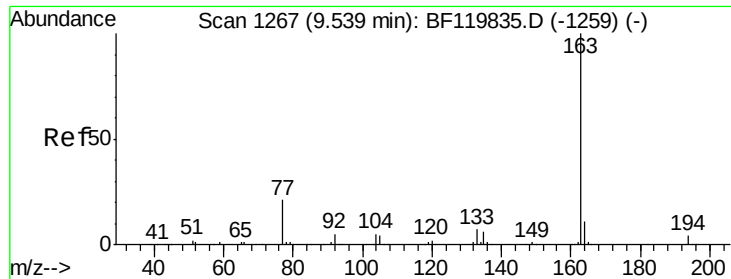
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#45
 2-Fluorobiphenyl
 Concen: 18.781 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120033.D
 Acq: 16 Apr 2020 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.3	19.4	29.2





#50

Dimethylphthalate

Concen: 2.358 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120033.D

Acq: 16 Apr 2020 13:54

Instrument :

BNA_F

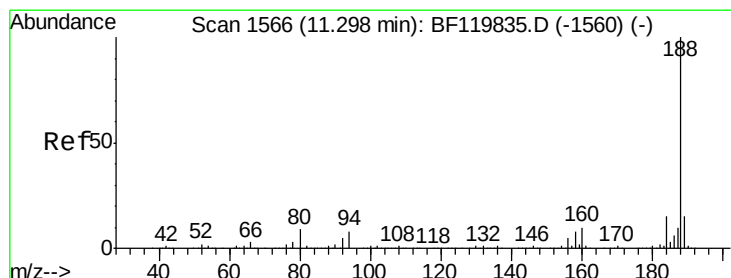
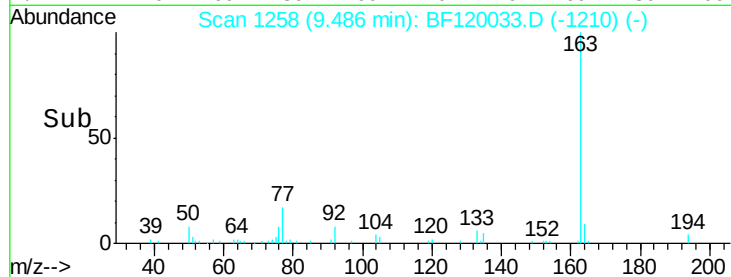
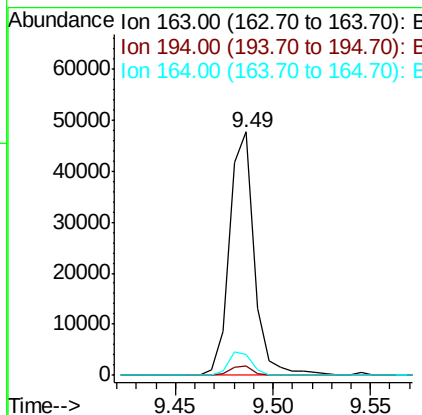
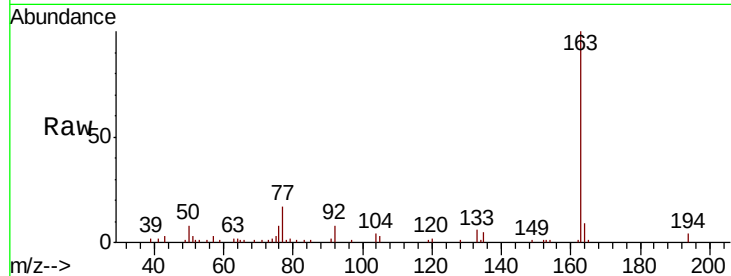
ClientSampleId :

TP-43-COMP

Tot Ion:	163	Resp:	41987
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.4
164	8.6	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

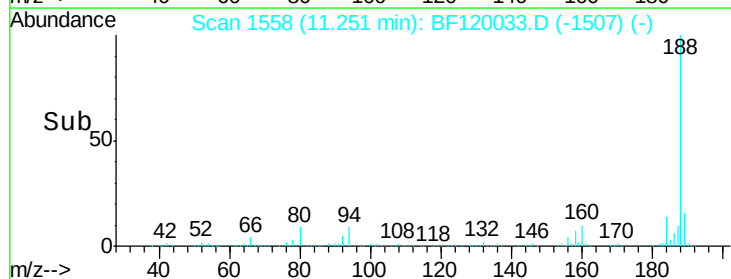
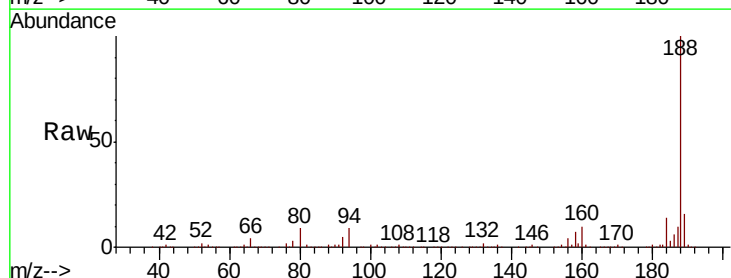
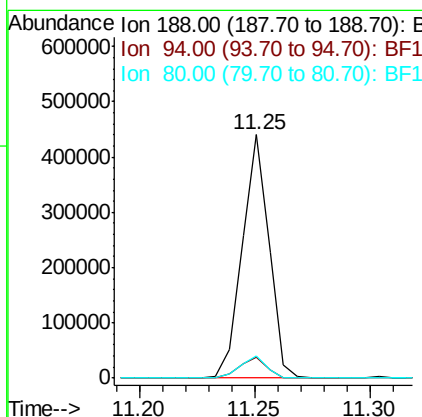
RT: 11.25 min Scan# 1558

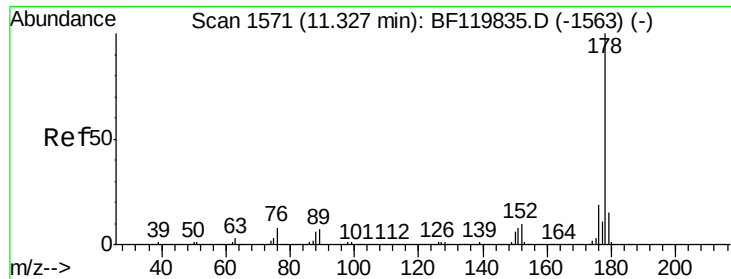
Delta R.T. -0.00 min

Lab File: BF120033.D

Acq: 16 Apr 2020 13:54

Tgt Ion:	188	Resp:	357089
Ion Ratio	Lower	Upper	
188	100		
94	8.6	6.7	10.1
80	9.0	7.4	11.2





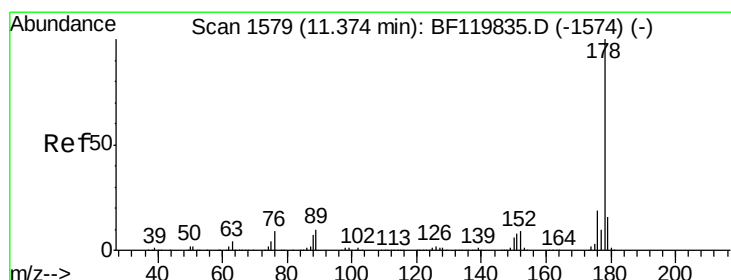
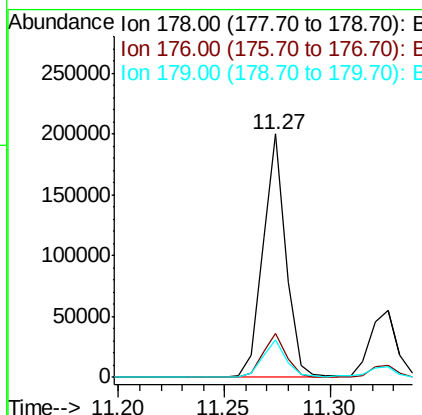
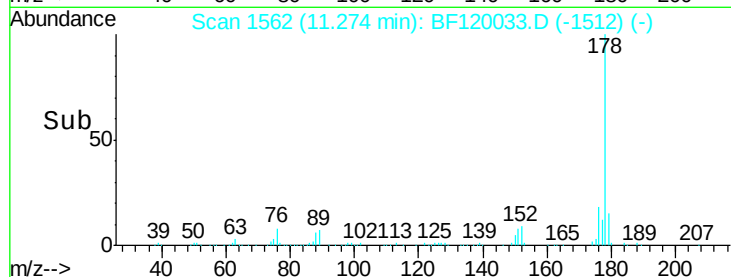
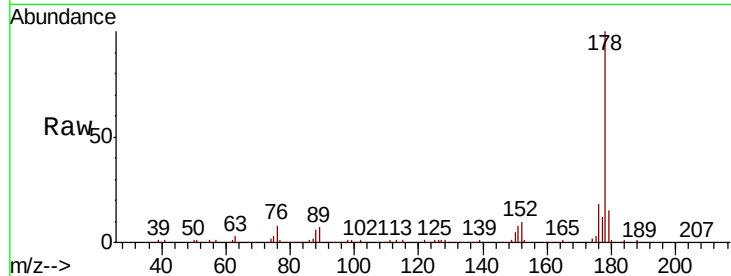
#71
Phenanthrene
Concen: 7.941 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120033.D
Acq: 16 Apr 2020 13:54

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.2	12.2	18.4

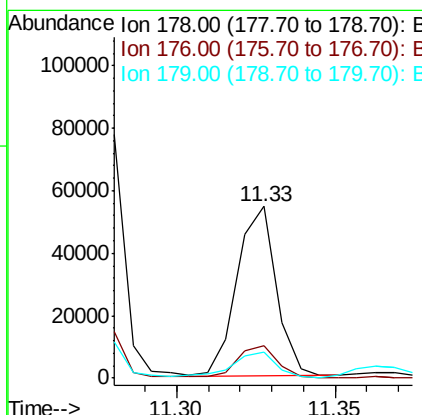
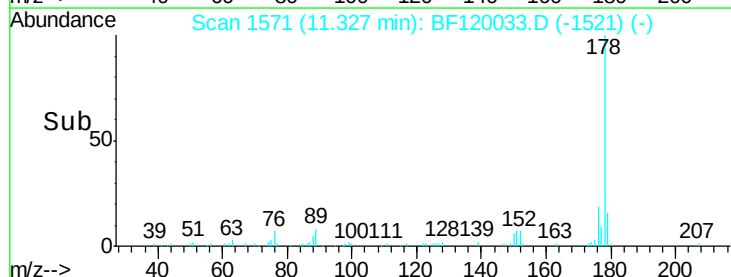
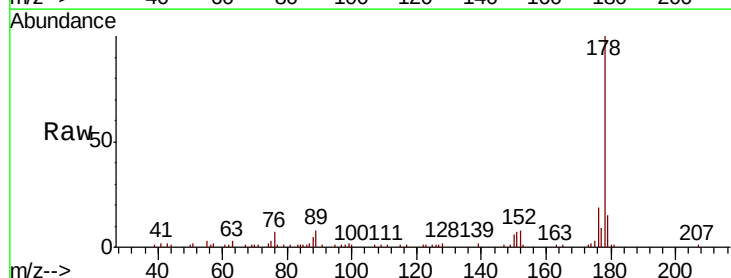
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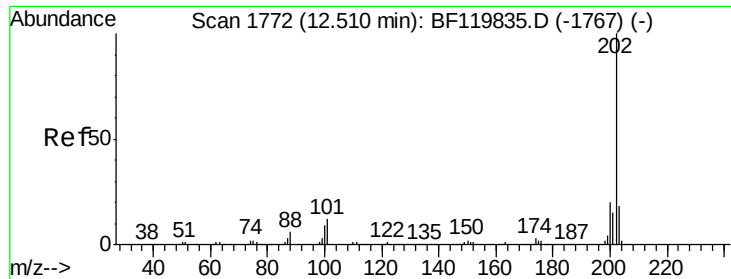
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#72
Anthracene
Concen: 2.396 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF120033.D
Acq: 16 Apr 2020 13:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.5	12.8	19.2





#75

Fluoranthene

Concen: 3.352 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF120033.D

Acq: 16 Apr 2020 13:54

Instrument :

BNA_F

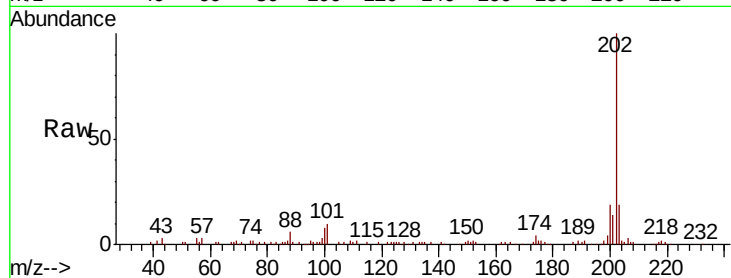
ClientSampleId :

TP-43-COMP

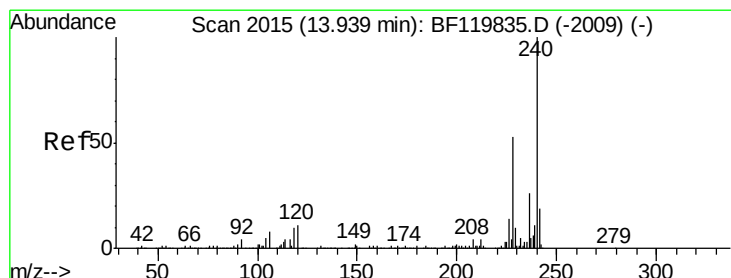
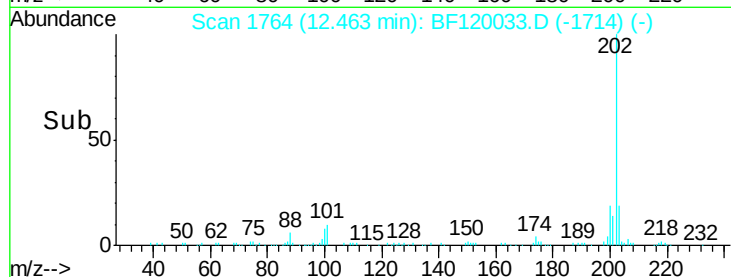
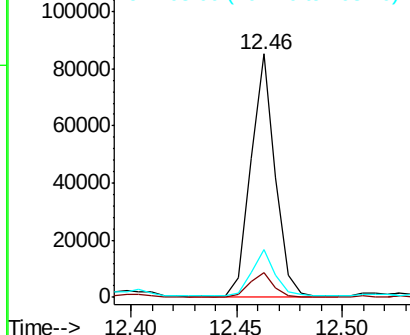
Tot Ion:	202	Resp:	68737
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	32.3
203	19.4	0.0	37.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

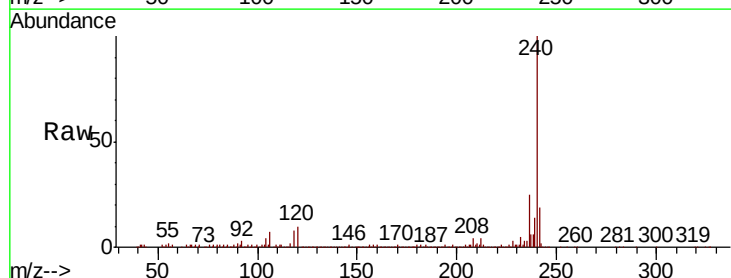
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

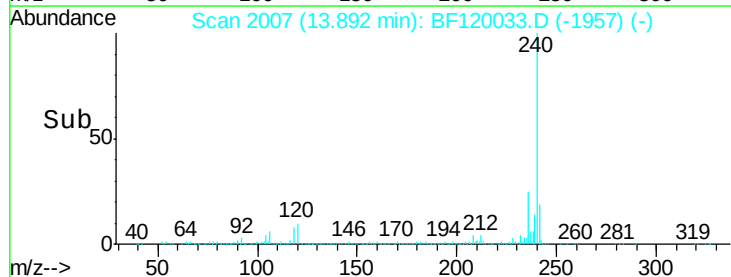
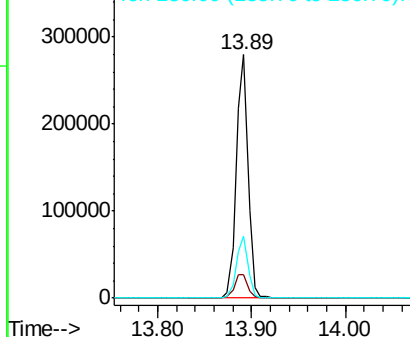
Lab File: BF120033.D

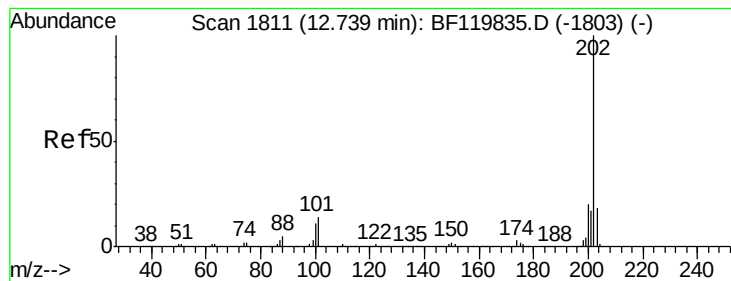
Acq: 16 Apr 2020 13:54

Tgt Ion:	240	Resp:	242753
Ion Ratio	Lower	Upper	
240	100		
120	9.5	9.0	13.6
236	25.4	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 5.523 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF120033.D

Acq: 16 Apr 2020 13:54

Instrument :

BNA_F

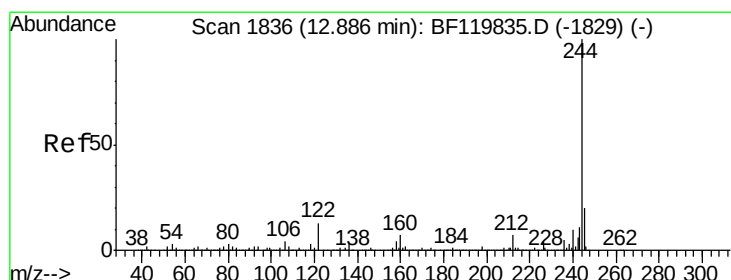
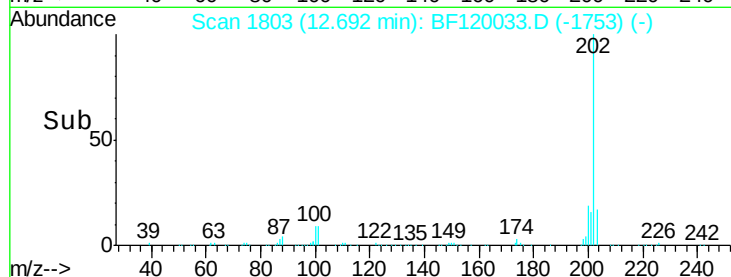
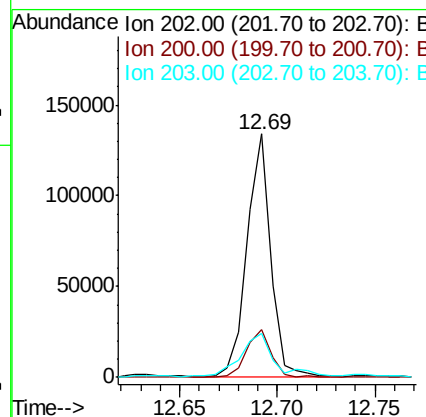
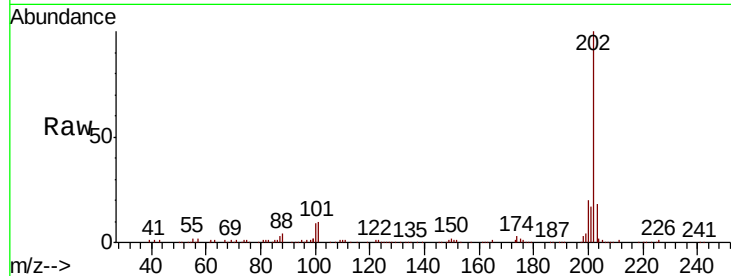
ClientSampleId :

TP-43-COMP

Tot Ion:	202	Resp:	113032
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.2	24.2
203	18.3	14.1	21.1

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#79

Terphenyl-d14

Concen: 15.855 ng

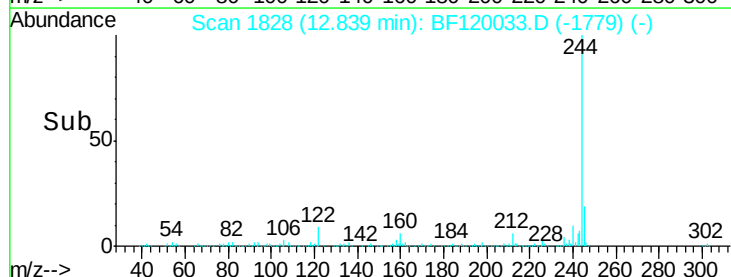
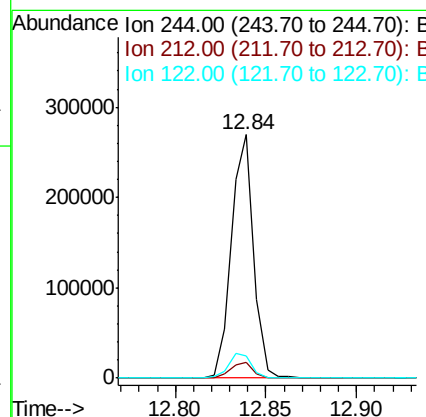
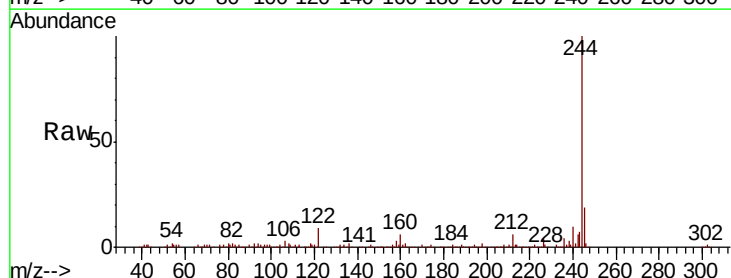
RT: 12.84 min Scan# 1828

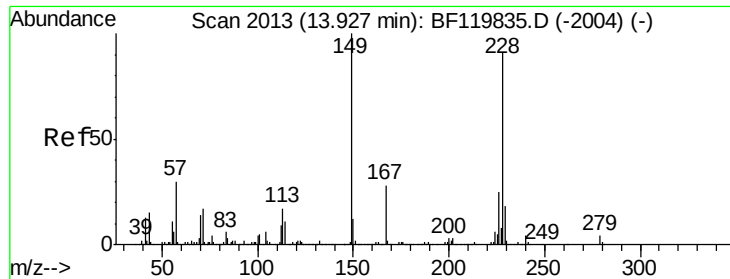
Delta R.T. -0.01 min

Lab File: BF120033.D

Acq: 16 Apr 2020 13:54

Tgt Ion:	244	Resp:	228734
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.0
122	9.0	10.3	15.5#





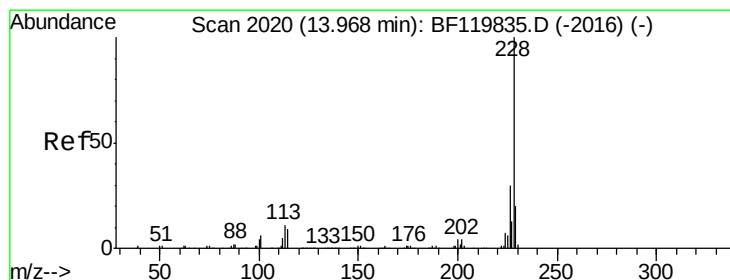
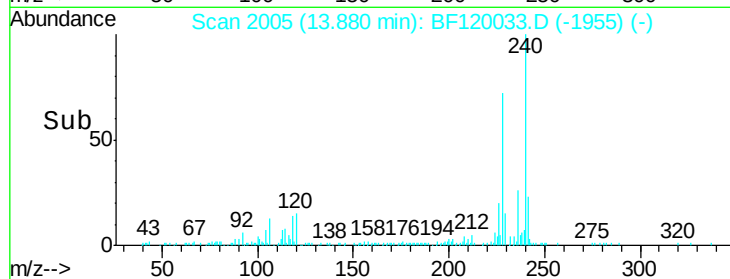
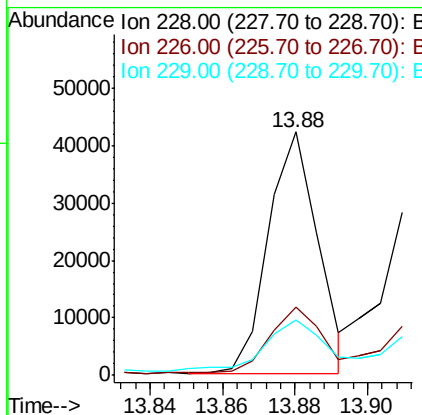
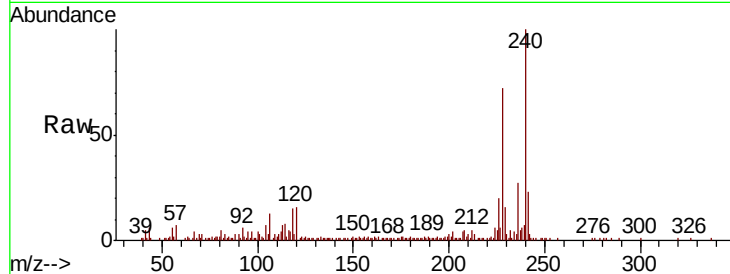
#81
Benzo(a)anthracene
Concen: 2.493 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF120033.D
Acq: 16 Apr 2020 13:54

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tot Ion:	228	Resp:	39808
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.9	32.9
229	22.7	15.9	23.9

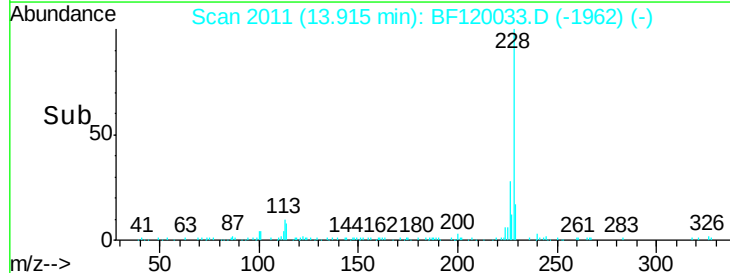
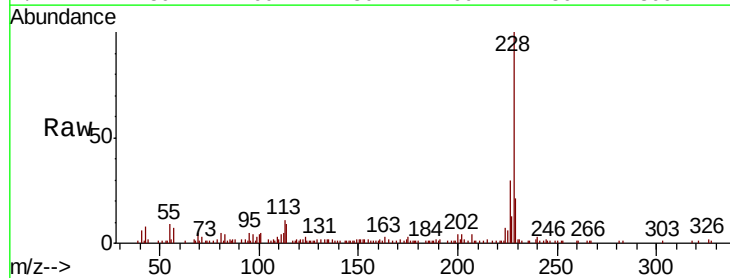
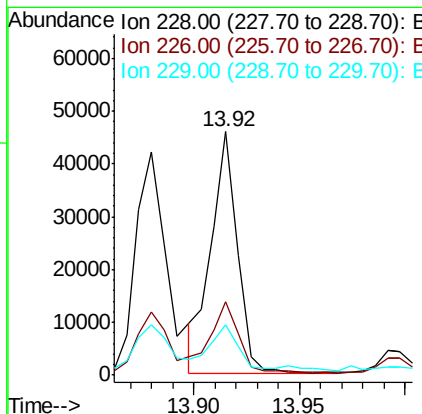
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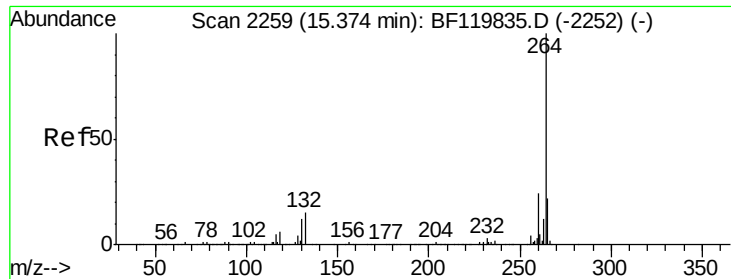
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#83
Chrysene
Concen: 2.469 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF120033.D
Acq: 16 Apr 2020 13:54

Tgt Ion:	228	Resp:	40065
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.2
229	20.7	15.9	23.9





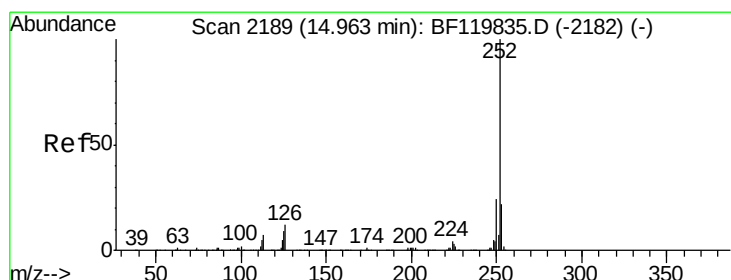
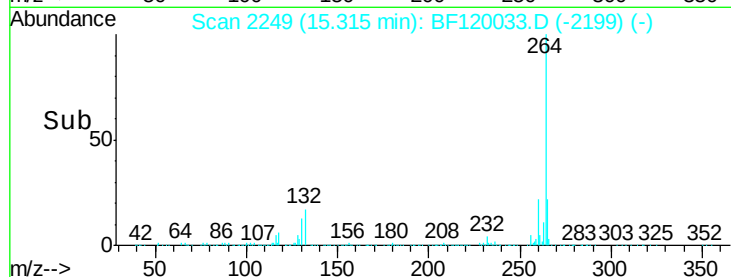
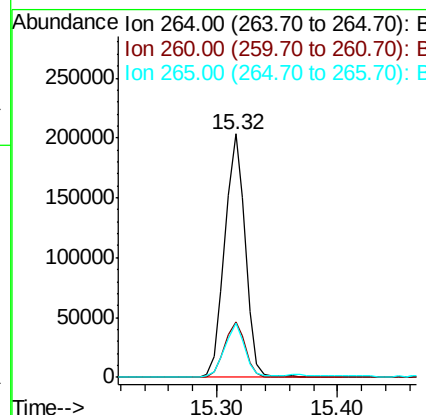
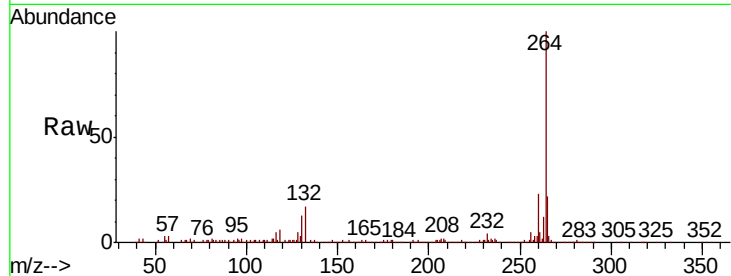
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF120033.D
Acq: 16 Apr 2020 13:54

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	22.1	17.6	26.4

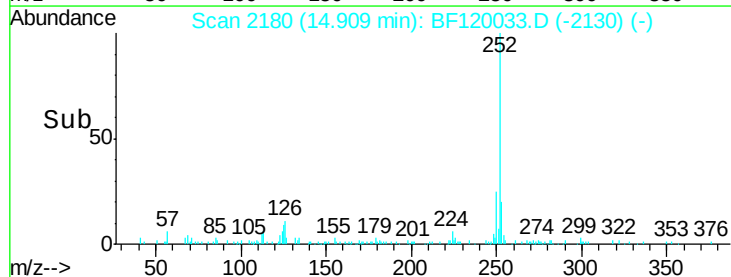
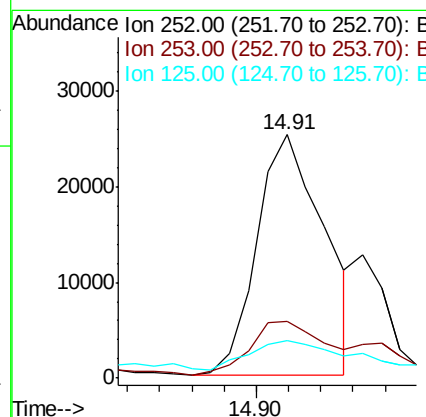
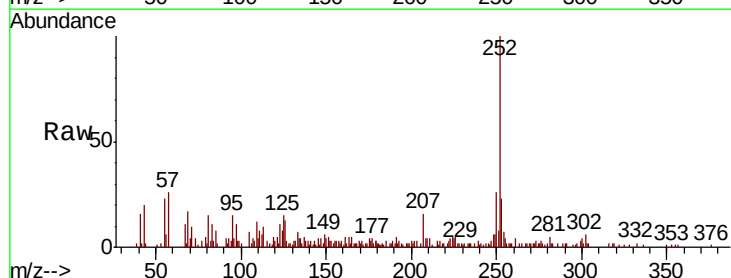
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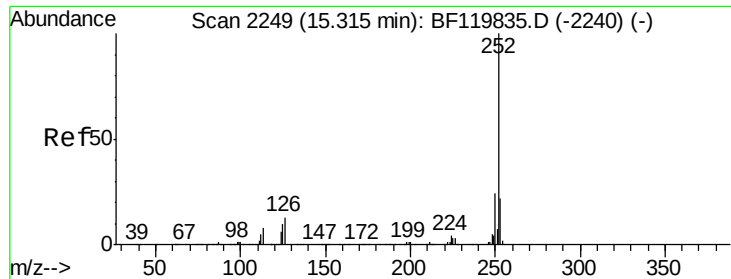
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#88
Benzo(b)fluoranthene
Concen: 2.131 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF120033.D
Acq: 16 Apr 2020 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	15.4	7.4	11.2#





#90
Benzo(a)pyrene
Concen: 2.515 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120033.D
Acq: 16 Apr 2020 13:54

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	12.8	8.3	12.5

Manual Integrations
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