

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119880.D
 Acq On : 9 Apr 2020 20:05
 Operator : MA/SJ
 Sample : L2166-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-47-COMP

Manual Integrations
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 4/10/2020 9:57:49 AM

Quant Time: Apr 10 02:39:54 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 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	159755	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	625725	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	272350	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	408924	20.00	ng	0.00
76) Chrysene-d12	13.93	240	287147	20.00	ng	0.00
87) Perylene-d12	15.37	264	290564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1397056	151.13	ng	0.01
7) Phenol-d6	6.41	99	1815869	152.45	ng	0.00
23) Nitrobenzene-d5	7.33	82	1096341	90.64	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	373407	111.98	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1818973	94.82	ng	0.00
79) Terphenyl-d14	12.89	244	1451328	85.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.53	163	331856	15.753	ng	98
75) Fluoranthene	12.51	202	59847	2.549	ng	96
78) Pyrene	12.73	202	114135	4.715	ng	97
81) Benzo(a)anthracene	13.93	228	104606	5.538	ng	96
83) Chrysene	13.96	228	110771	5.771	ng	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	53792	3.179	ng	96
88) Benzo(b)fluoranthene	14.96	252	120913m	5.785	ng	
90) Benzo(a)pyrene	15.32	252	113729	6.471	ng	98
92) Benzo(g,h,i)perylene	17.21	276	56407	3.671	ng	99

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

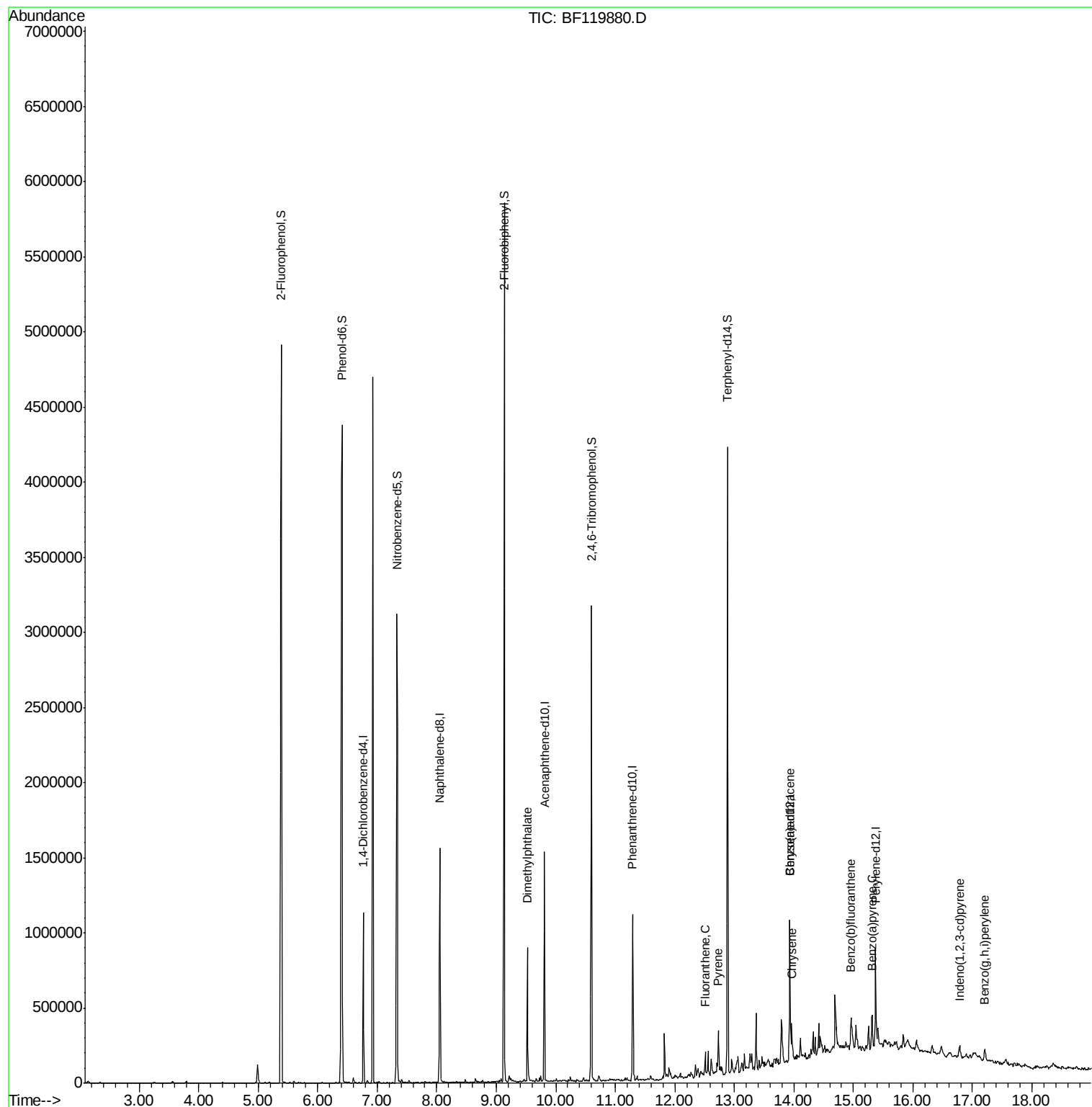
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119880.D
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ALS Vial : 44 Sample Multiplier: 1

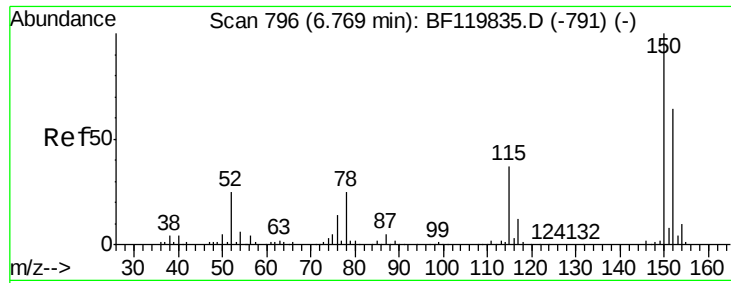
Instrument :
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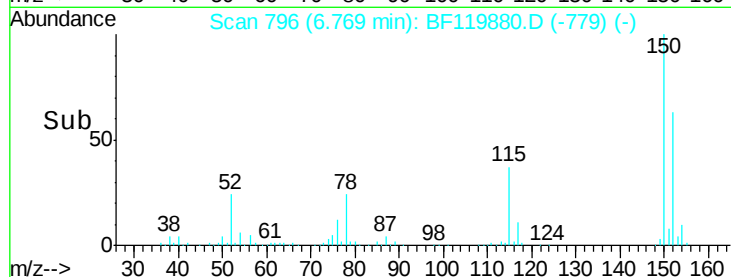
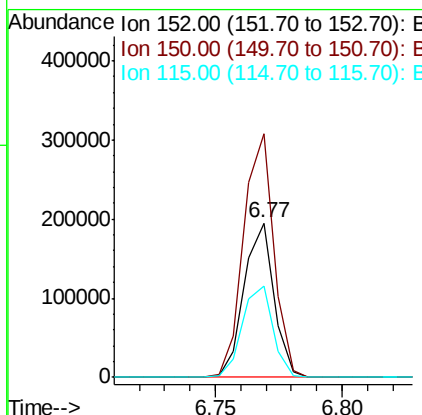
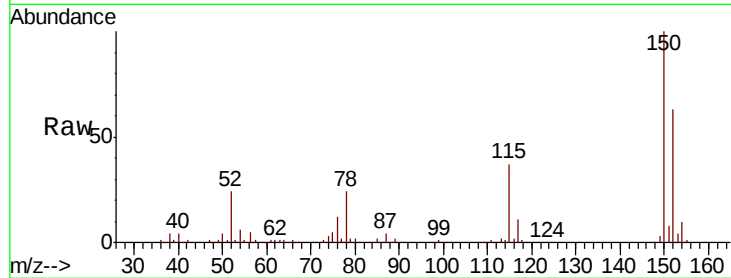
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF119880.D
 Acq: 9 Apr 2020 20:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-47-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.8	187.2
115	59.0	46.5	69.7

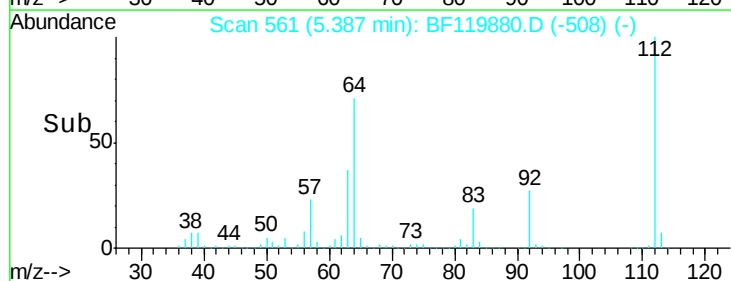
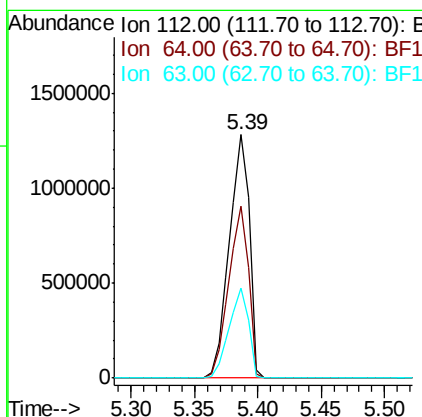
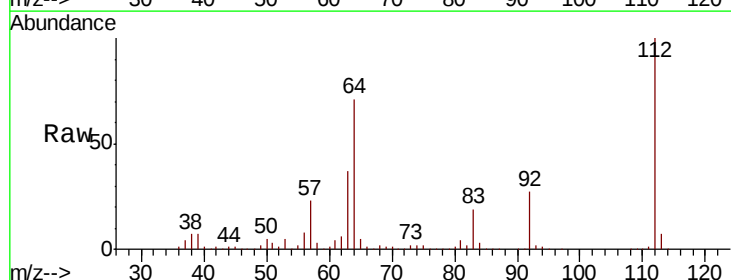
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#5
 2-Fluorophenol
 Concen: 151.129 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF119880.D
 Acq: 9 Apr 2020 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	55.5	83.3
63	37.2	29.1	43.7





#7

Phenol-d6

Concen: 152.447 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119880.D

Acq: 9 Apr 2020 20:05

Instrument :

BNA_F

ClientSampleId :

TP-47-COMP

Tot Ion: 99 Resp: 1815869

Ion Ratio Lower Upper

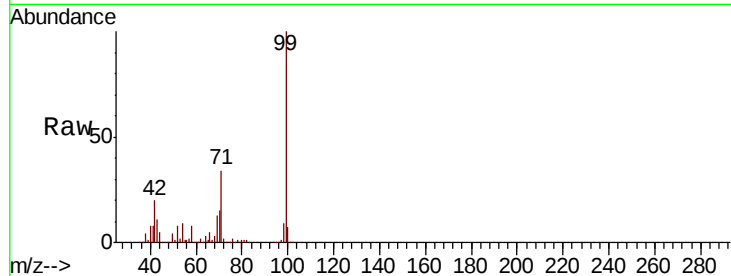
99 100

42 20.3 16.9 25.3

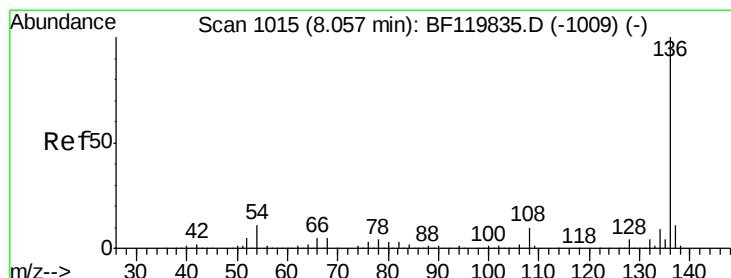
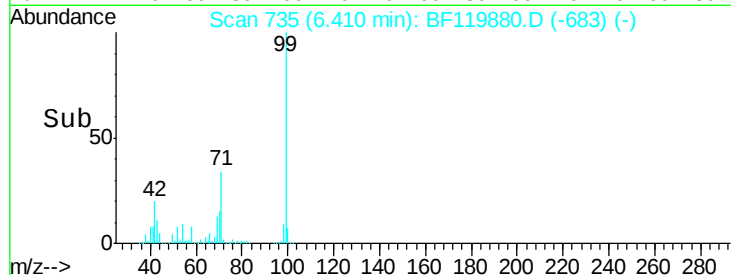
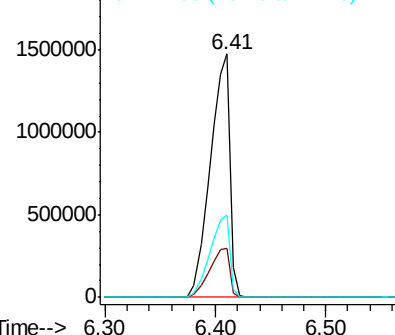
71 34.1 26.3 39.5

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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119880.D

Acq: 9 Apr 2020 20:05

Tgt Ion: 136 Resp: 625725

Ion Ratio Lower Upper

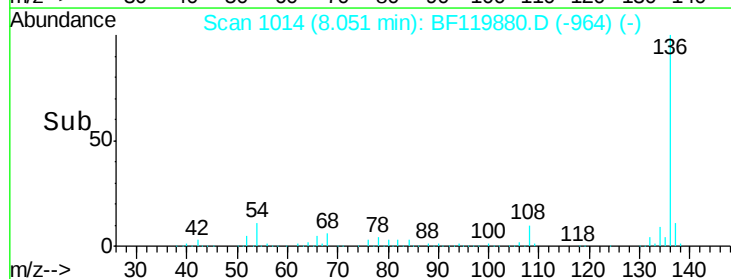
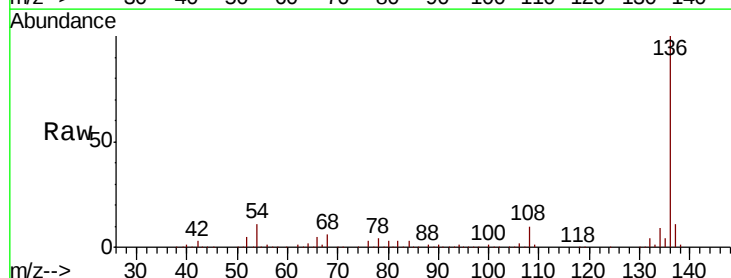
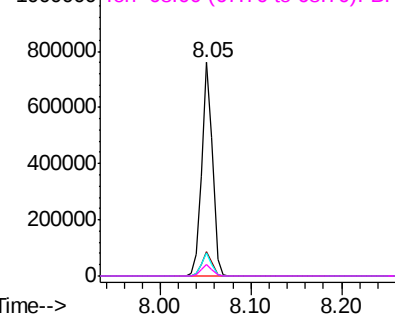
136 100

137 11.4 8.7 13.1

54 10.8 8.5 12.7

68 5.6 3.9 5.9

Abundance Ion 136.00 (135.70 to 136.70): E
1200000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





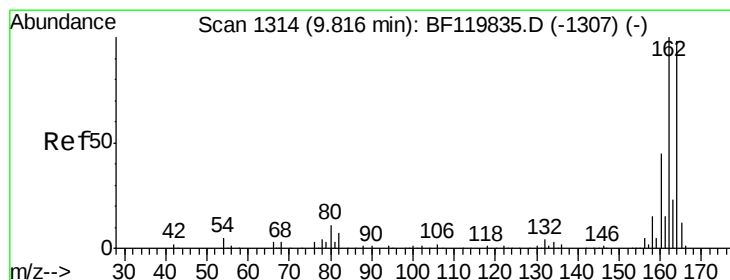
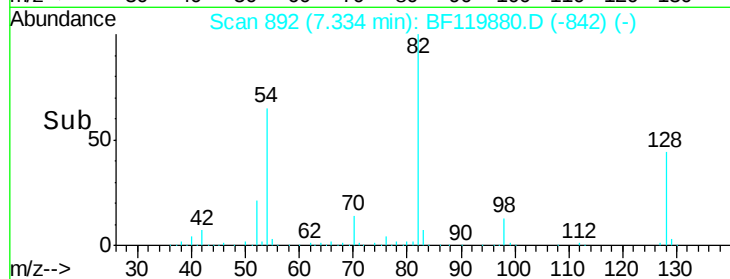
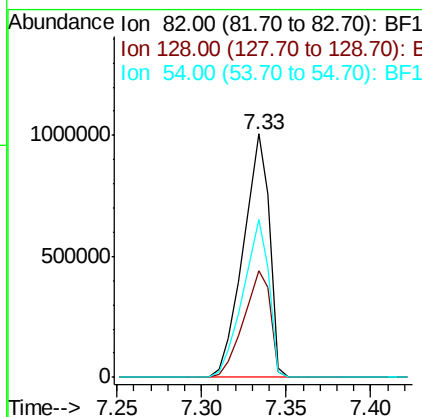
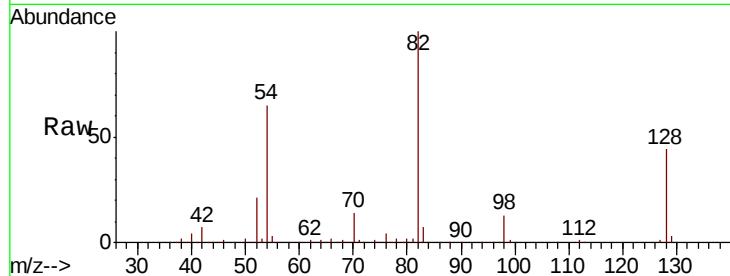
#23
Nitrobenzene-d5
Concen: 90.643 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119880.D
Acq: 9 Apr 2020 20:05

Instrument :
BNA_F
ClientSampleId :
TP-47-COMP

Tot Ion	82	Resp	1096341
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.2	54.4
54	64.6	50.4	75.6

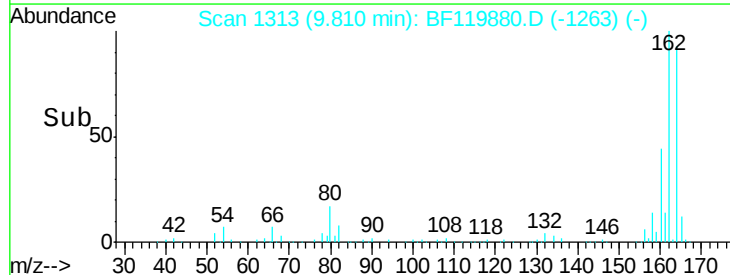
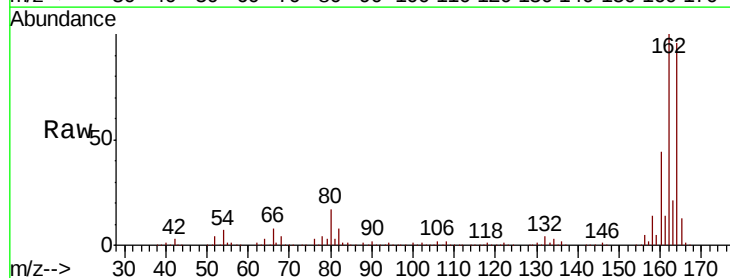
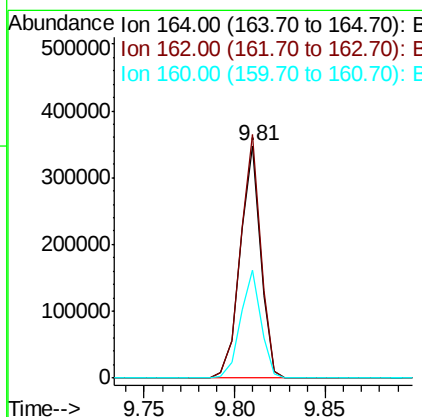
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119880.D
Acq: 9 Apr 2020 20:05

Tgt Ion	164	Resp	272350
Ion Ratio	Lower	Upper	
164	100		
162	104.6	81.9	122.9
160	46.1	36.6	54.8





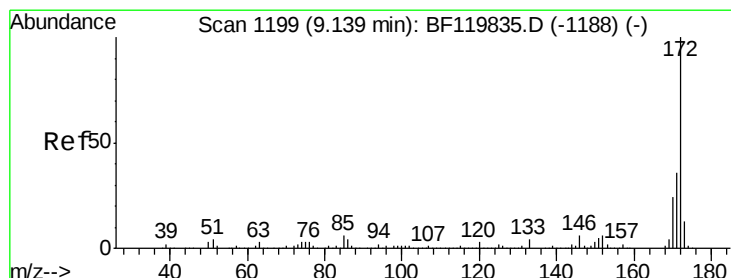
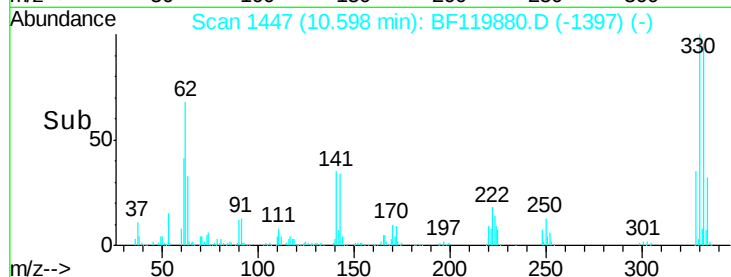
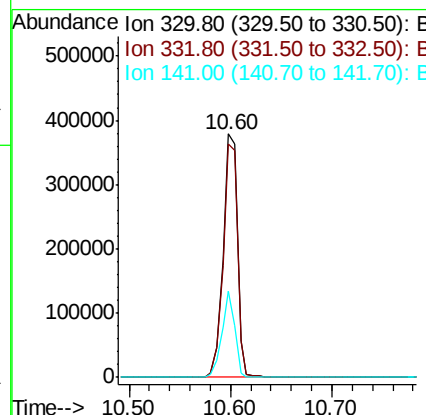
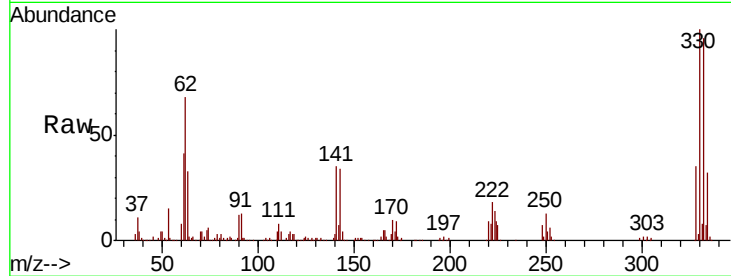
#42
 2,4,6-Tribromophenol
 Concen: 111.983 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119880.D
 Acq: 9 Apr 2020 20:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-47-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	373407		
332	96.2	76.8	115.2	
141	31.6	25.1	37.7	

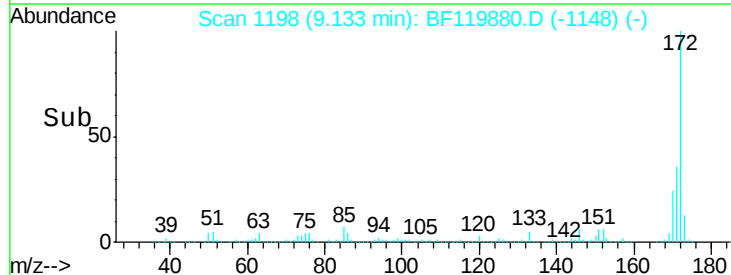
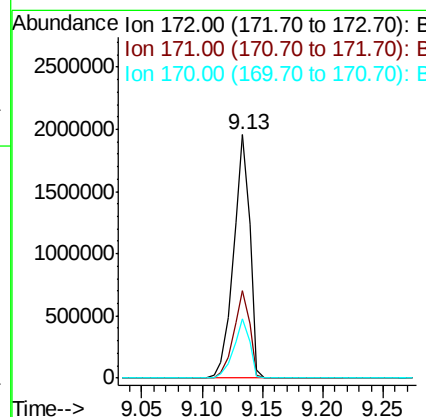
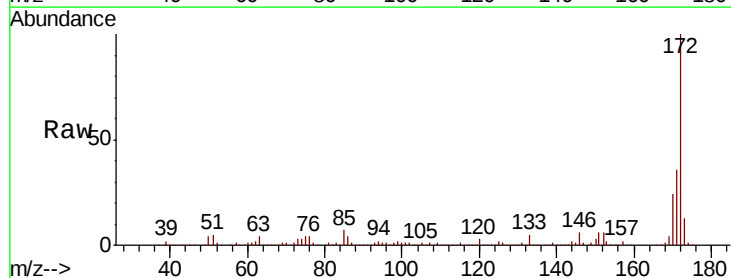
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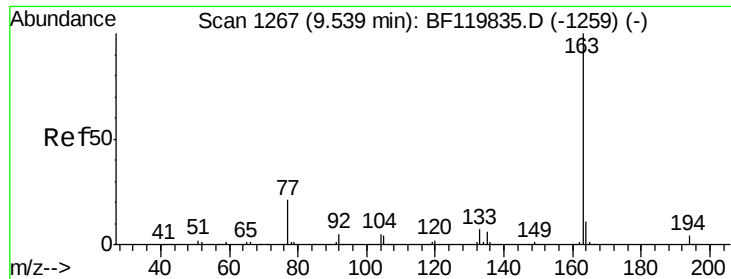
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#45
 2-Fluorobiphenyl
 Concen: 94.825 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119880.D
 Acq: 9 Apr 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1818973		
171	36.1	28.9	43.3	
170	24.1	19.4	29.2	





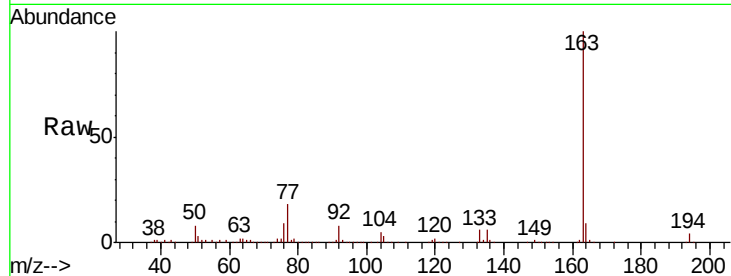
#50
Dimethylphthalate
Concen: 15.753 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF119880.D
Acq: 9 Apr 2020 20:05

Instrument :
BNA_F
ClientSampleId :
TP-47-COMP

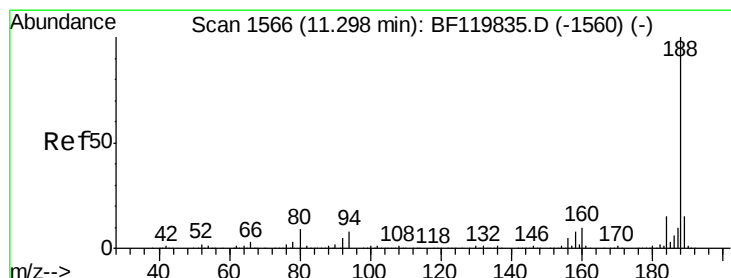
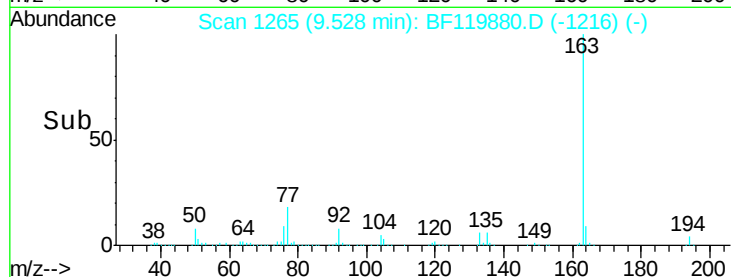
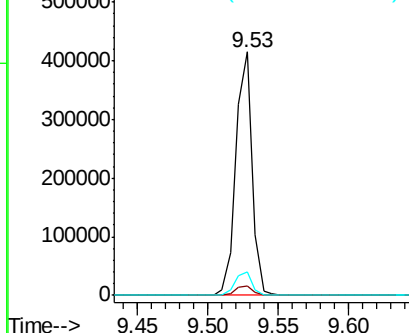
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.0	4.4	
164	9.4	8.4	12.6	

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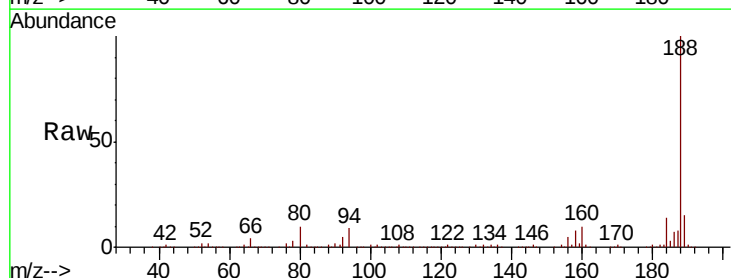


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

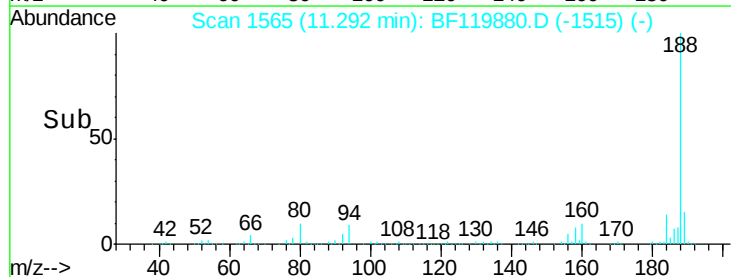
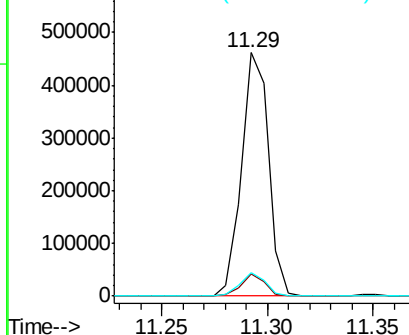


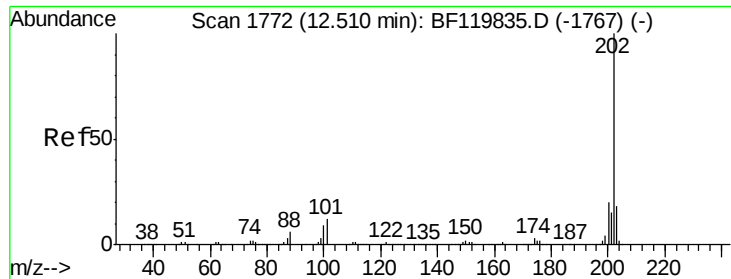
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119880.D
Acq: 9 Apr 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.0	6.7	10.1	
80	9.7	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





#75

Fluoranthene

Concen: 2.549 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF119880.D

Acq: 9 Apr 2020 20:05

Instrument :

BNA_F

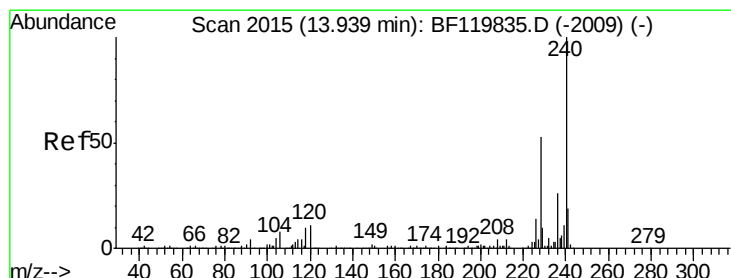
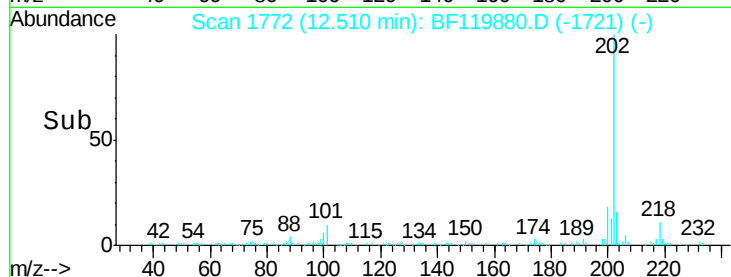
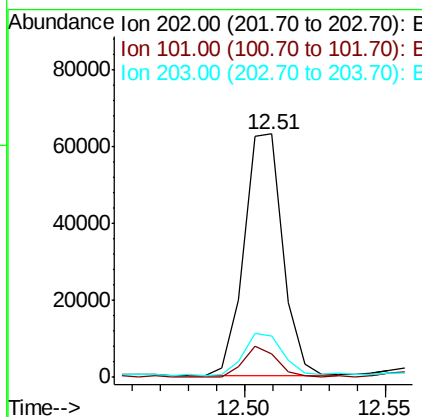
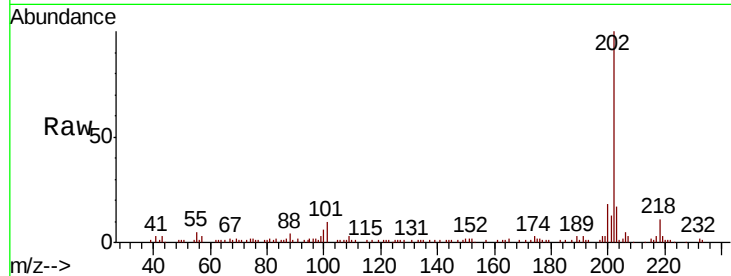
ClientSampleId :

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Tot Ion:	202	Resp:	59847
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	32.3
203	16.9	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

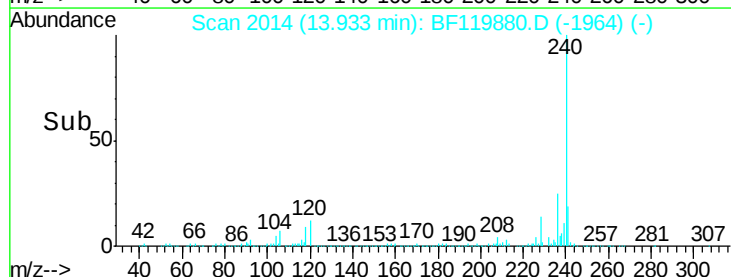
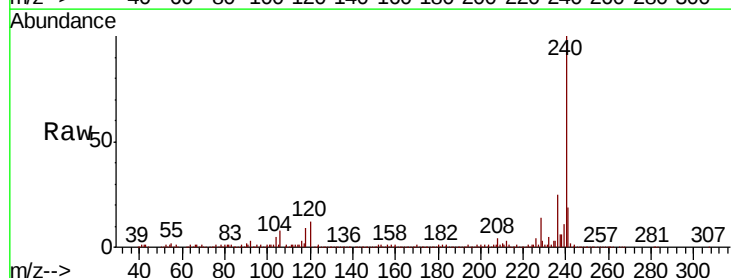
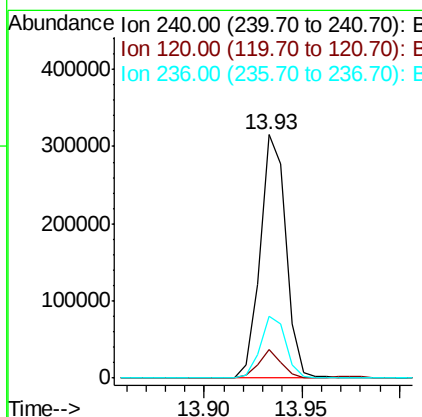
RT: 13.93 min Scan# 2014

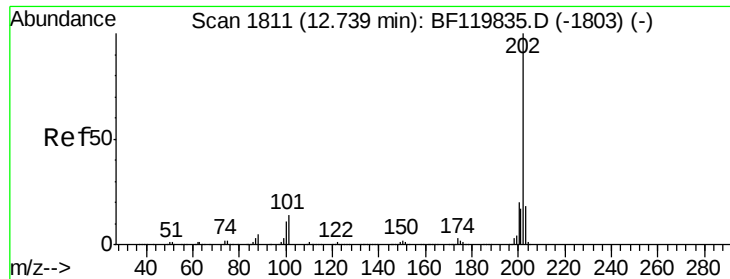
Delta R.T. -0.01 min

Lab File: BF119880.D

Acq: 9 Apr 2020 20:05

Tgt Ion:	240	Resp:	287147
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.0	13.6
236	25.3	20.7	31.1





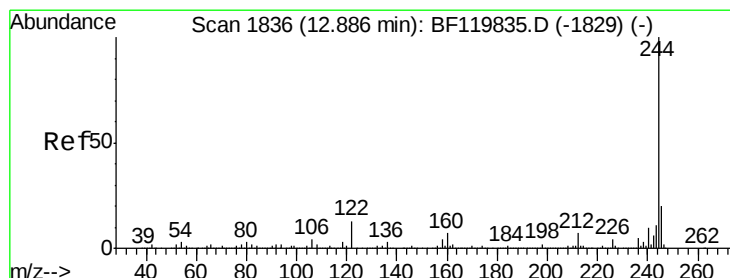
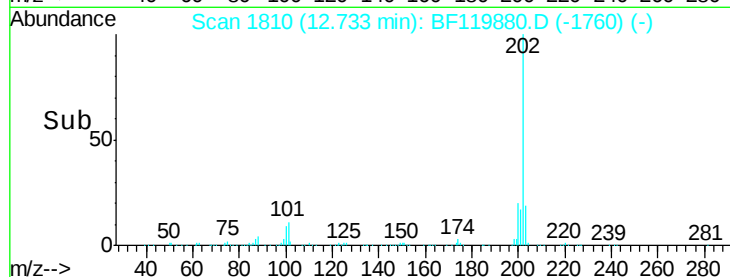
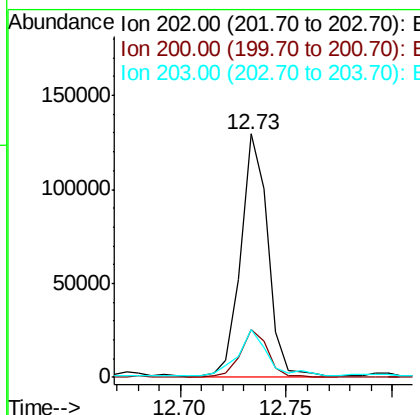
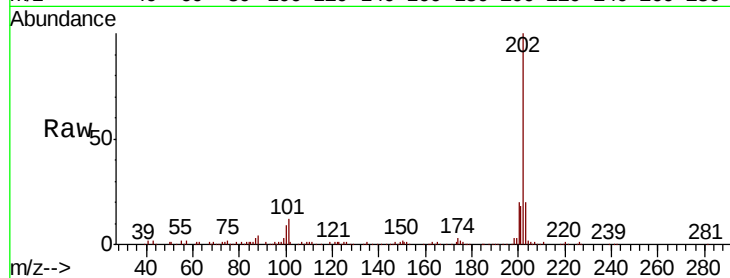
#78
Pvrene
Concen: 4.715 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF119880.D
Acq: 9 Apr 2020 20:05

Instrument :
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TP-47-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.2	24.2
203	19.8	14.1	21.1

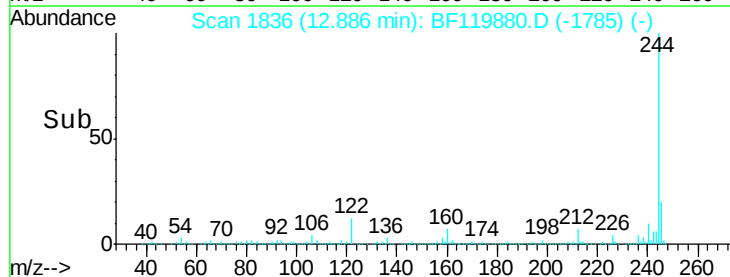
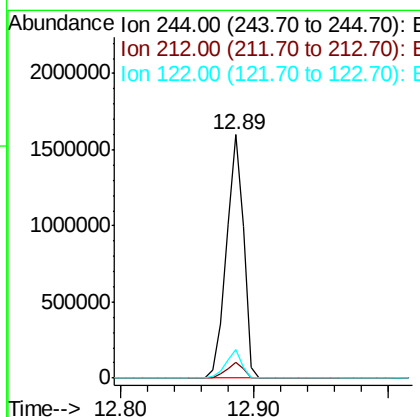
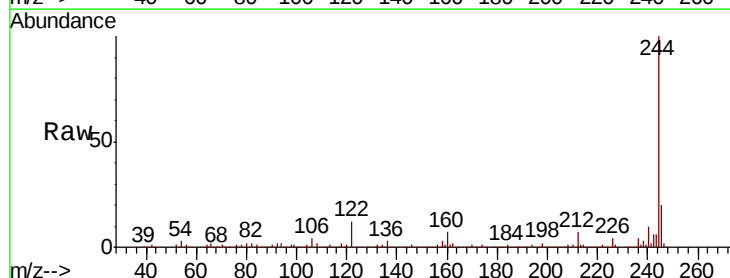
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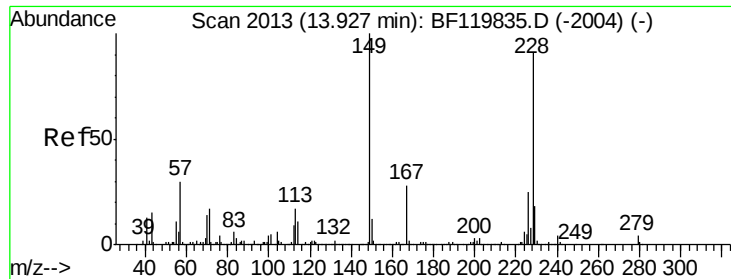
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#79
Terphenyl-d14
Concen: 85.046 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BF119880.D
Acq: 9 Apr 2020 20:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.6	10.3	15.5





#81

Benzo(a)anthracene

Concen: 5.538 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119880.D

Acq: 9 Apr 2020 20:05

Instrument :

BNA_F

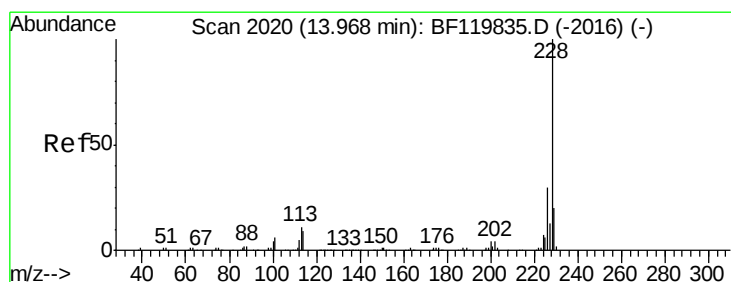
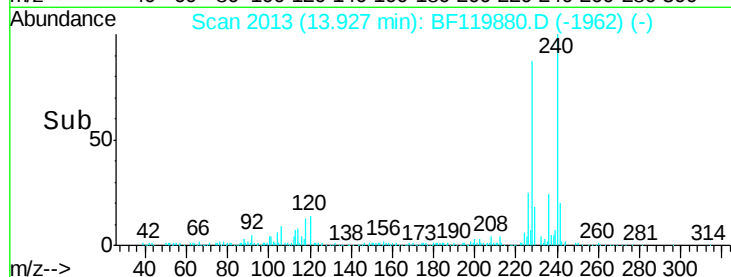
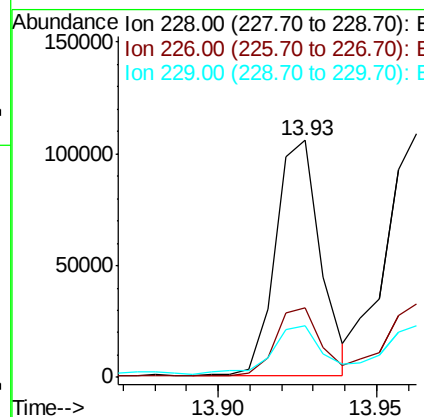
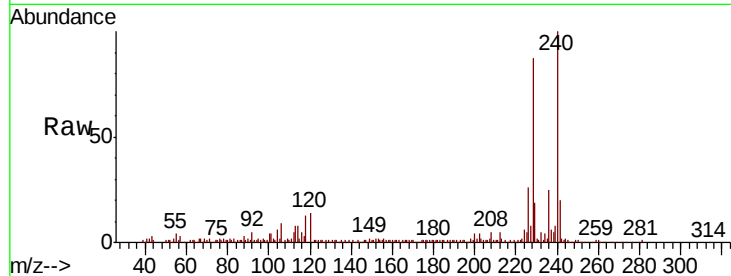
ClientSampleId :

TP-47-COMP

Tot Ion:	228	Resp:	104606
Ion Ratio	Lower	Upper	
228	100		
226	29.5	21.9	32.9
229	21.7	15.9	23.9

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#83

Chrysene

Concen: 5.771 ng

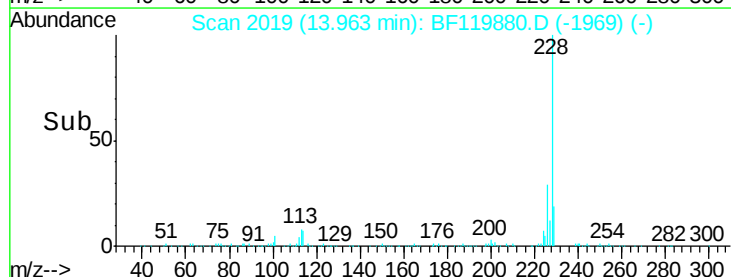
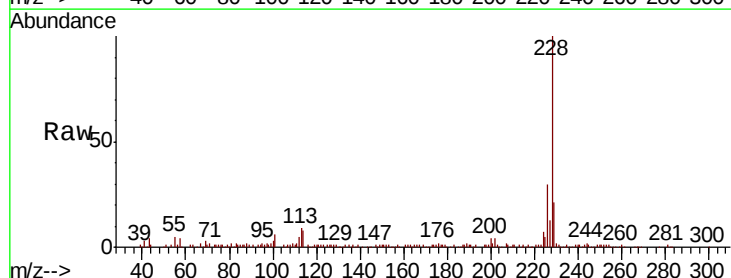
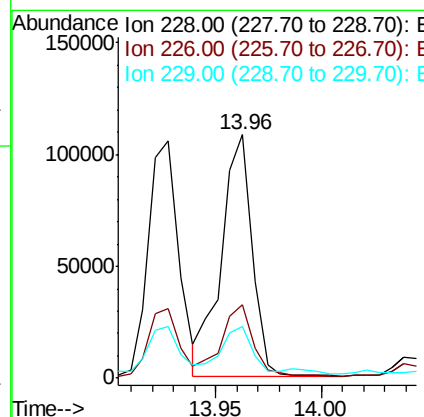
RT: 13.96 min Scan# 2019

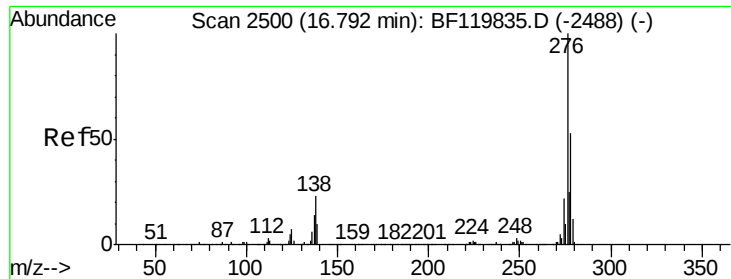
Delta R.T. -0.01 min

Lab File: BF119880.D

Acq: 9 Apr 2020 20:05

Tgt Ion:	228	Resp:	110771
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.2	36.2
229	21.3	15.9	23.9





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.179 ng

RT: 16.79 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BF119880.D

Acq: 9 Apr 2020 20:05

Instrument :

BNA_F

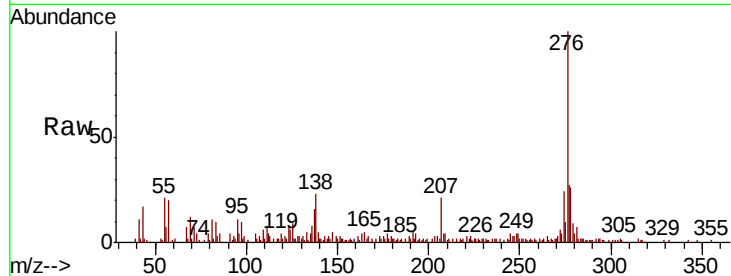
ClientSampleId :

TP-47-COMP

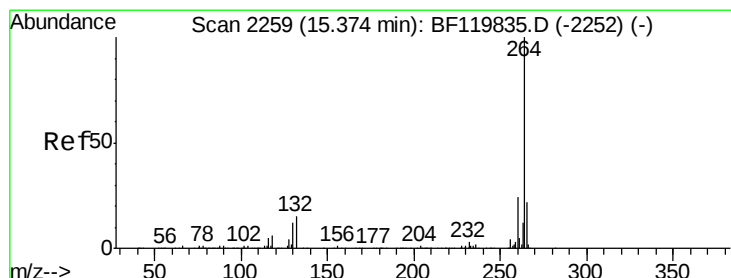
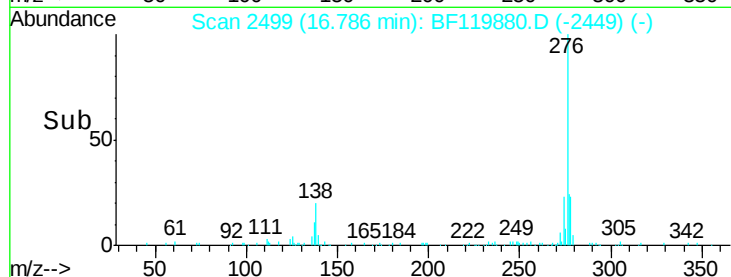
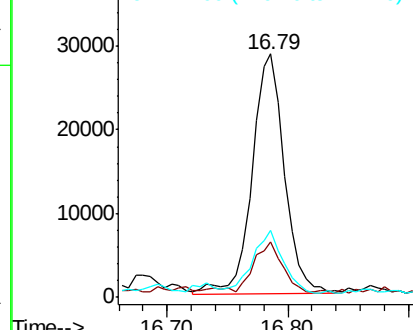
Tot Ion:	276	Resp:	53792
Ion Ratio	Lower	Upper	
276	100		
138	19.6	18.0	27.0
277	24.3	20.1	30.1

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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

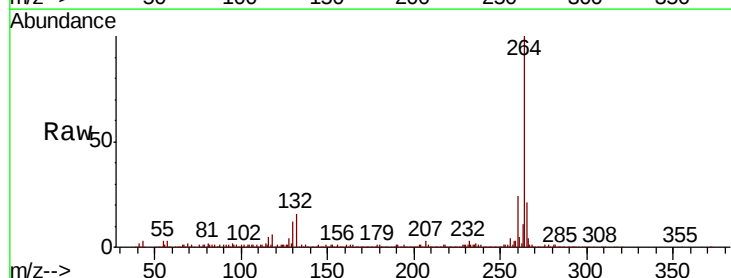
RT: 15.37 min Scan# 2259

Delta R.T. 0.00 min

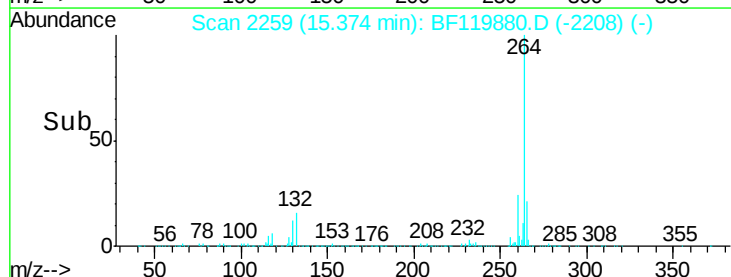
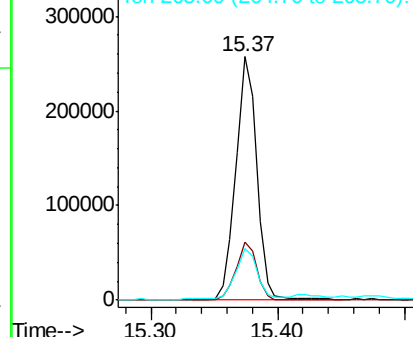
Lab File: BF119880.D

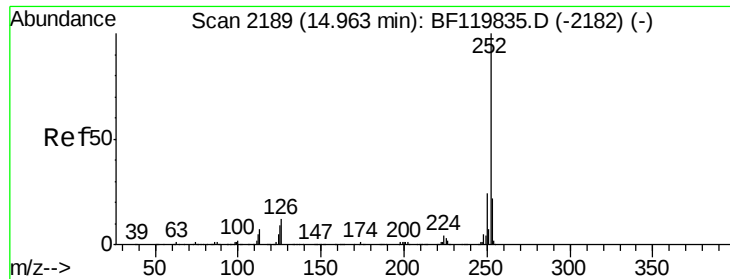
Acq: 9 Apr 2020 20:05

Tgt Ion:	264	Resp:	290564
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.3	28.9
265	21.3	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: 5.785 ng/mL

RT: 14.96 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BF119880.D

Acq: 9 Apr 2020 20:05

Instrument :

BNA_F

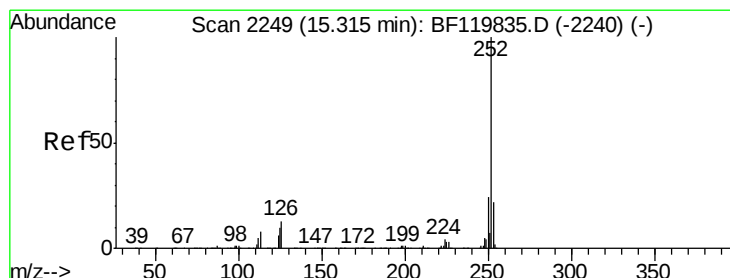
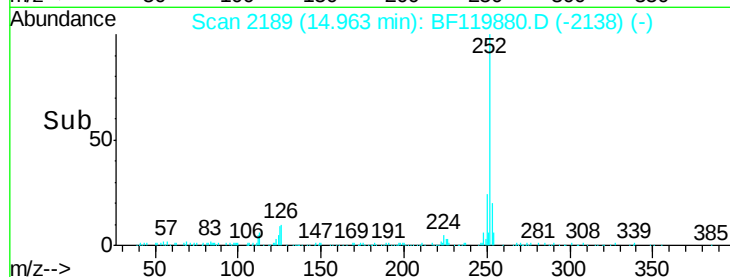
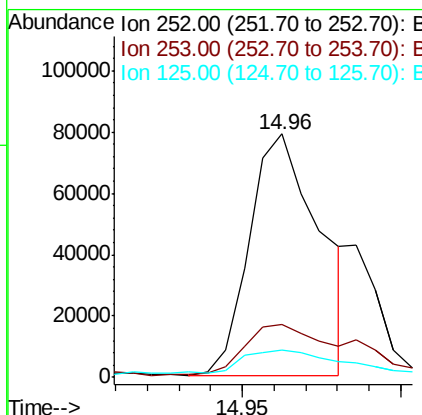
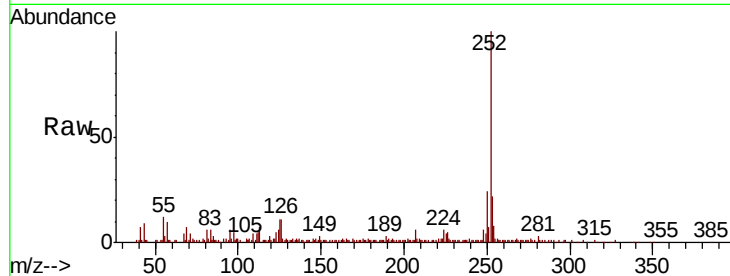
ClientSampleId :

TP-47-COMP

Tot Ion:	252	Resp:	120913
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	11.0	7.4	11.2

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#90

Benzo(a)pyrene

Concen: 6.471 ng/mL

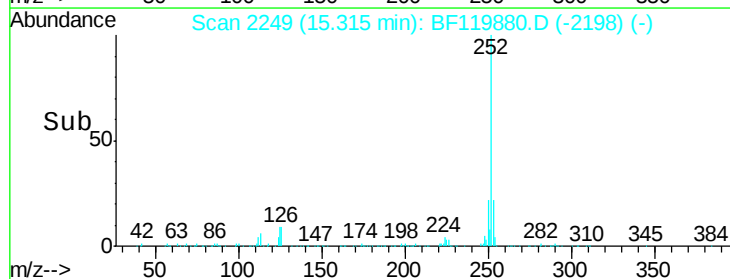
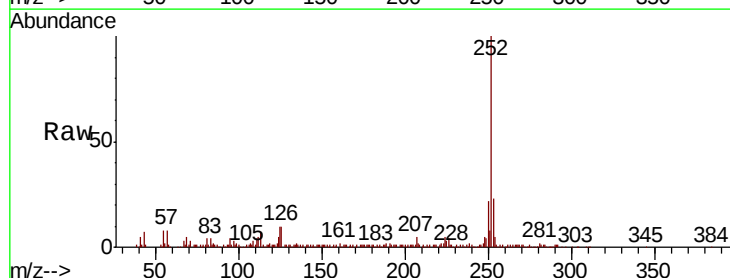
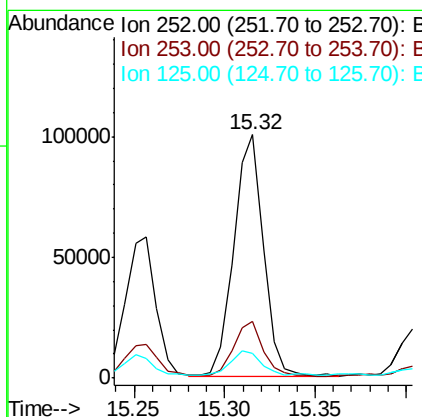
RT: 15.32 min Scan# 2249

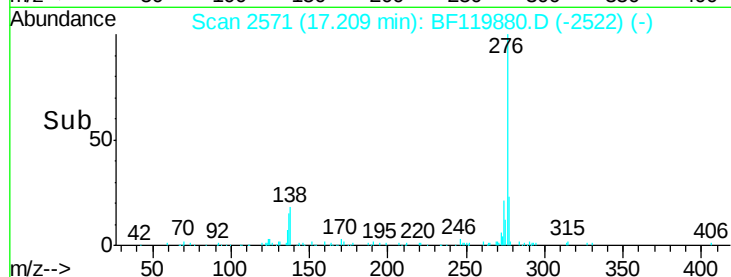
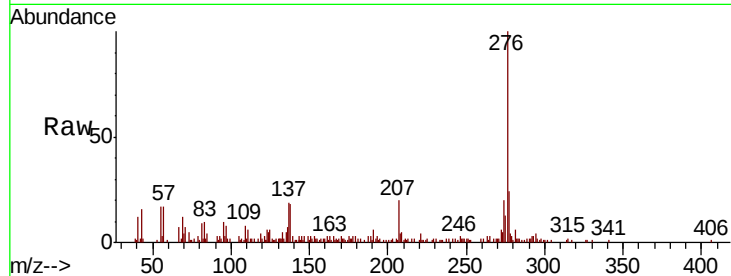
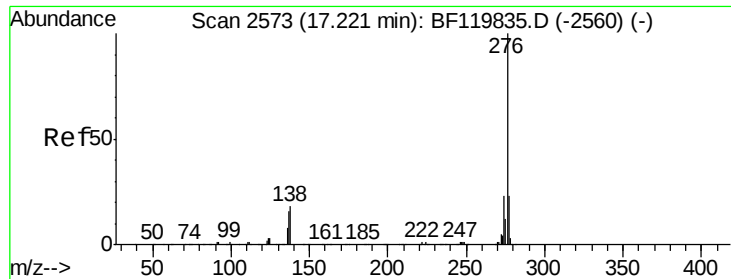
Delta R.T. 0.00 min

Lab File: BF119880.D

Acq: 9 Apr 2020 20:05

Tgt Ion:	252	Resp:	113729
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.2
125	10.2	8.3	12.5





#92
 Benzo(a,h,i)perylene
 Concen: 3.671 ng
 RT: 17.21 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BF119880.D
 Acq: 9 Apr 2020 20:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-47-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56407	276	100			
	277	24.0		18.5	27.7
	138	18.4		14.6	22.0

Manual Integrations
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