

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113433.D
 Acq On : 30 Mar 2019 00:40
 Operator : JU/SJ
 Sample : K2153-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2

Manual Integrations
 APPROVED

Sohil
 4/1/2019 5:46:41 PM

Quant Time: Mar 30 03:35:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	139320	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	545209	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	276883	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	575537	20.00	ng	0.00
76) Chrysene-d12	13.84	240	516882	20.00	ng	0.00
87) Perylene-d12	15.25	264	420448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	157496	18.48	ng	0.00
7) Phenol-d6	6.35	99	766068	71.07	ng	0.00
23) Nitrobenzene-d5	7.27	82	635565	69.19	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	5389	1.58	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1270120	68.47	ng	0.00
79) Terphenyl-d14	12.80	244	1515061	64.61	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.46	163	77446	3.774	ng	99
71) Phenanthrene	11.24	178	222075	7.770	ng	98
72) Anthracene	11.29	178	61602	2.122	ng	98
75) Fluoranthene	12.42	202	285396	8.833	ng	99
78) Pyrene	12.65	202	273138	7.626	ng	98
81) Benzo(a)anthracene	13.83	228	118080	3.991	ng	99
83) Chrysene	13.87	228	108710	3.617	ng	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	52316	2.028	ng	96
88) Benzo(b)fluoranthene	14.85	252	127116m	4.867	ng	
90) Benzo(a)pyrene	15.19	252	89575	3.869	ng	# 97
92) Benzo(g,h,i)perylene	17.02	276	51203	2.536	ng	# 92

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

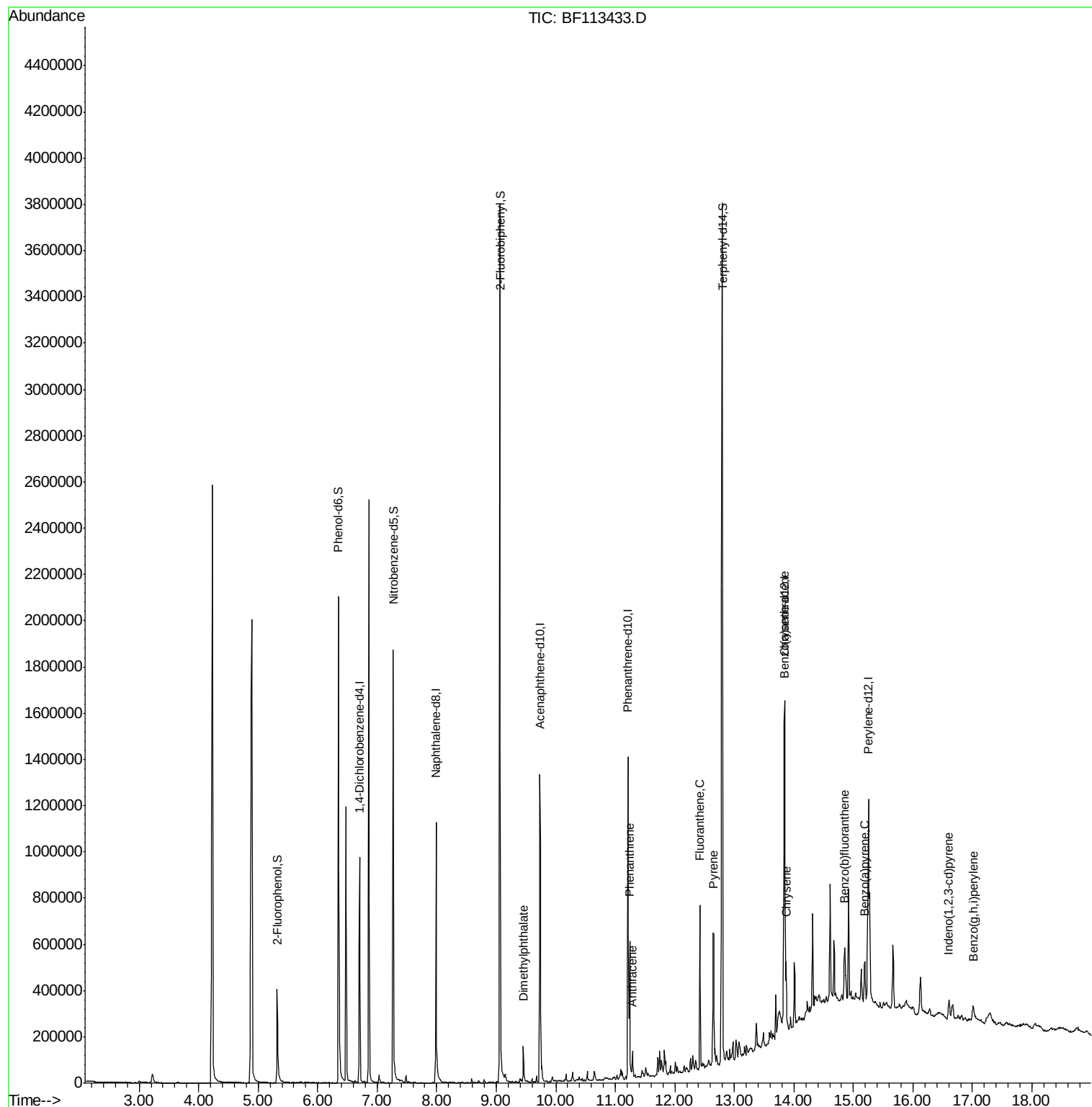
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
Data File : BF113433.D
Acq On : 30 Mar 2019 00:40
Operator : JU/SJ
Sample : K2153-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

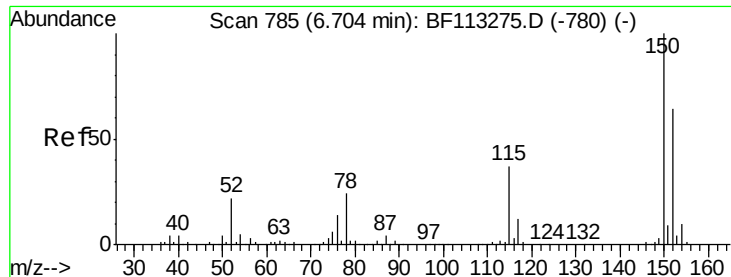
Instrument :
BNA_F
ClientSampleId :
CONC-2

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4/1/2019 5:46:41 PM

Quant Time: Mar 30 03:35:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

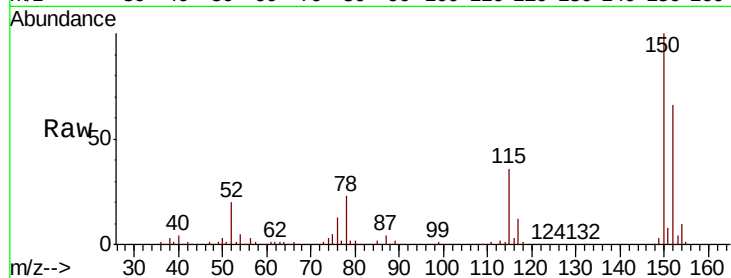
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Instrument :
BNA_F
ClientSampleId :
CONC-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.7	187.1
115	54.1	46.0	69.0

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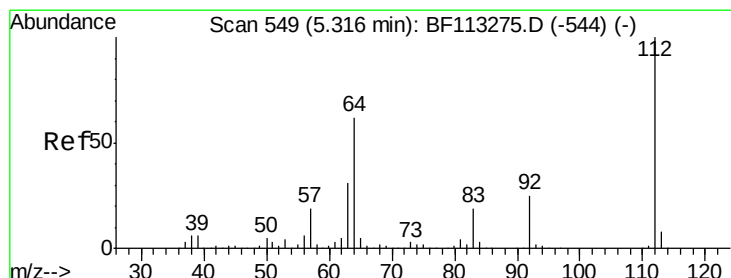
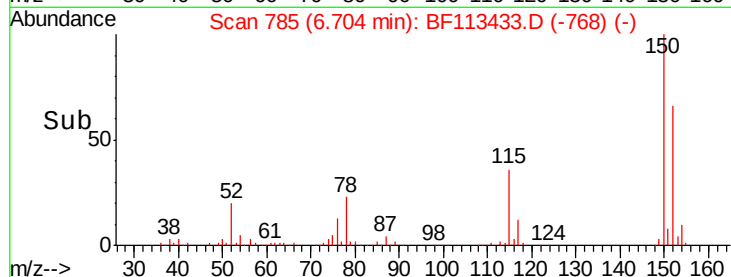
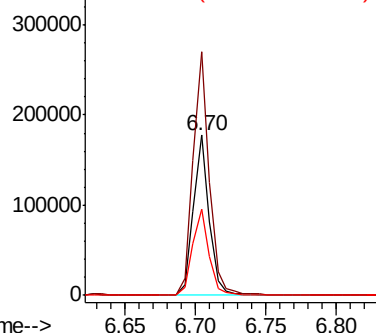


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

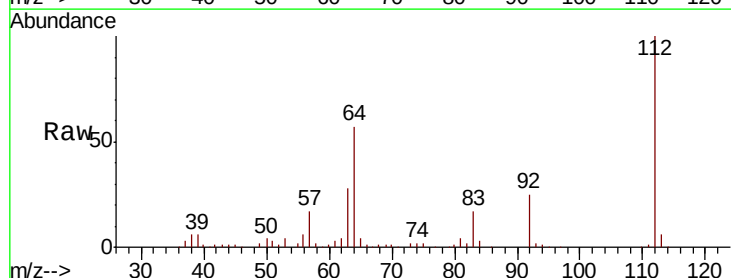
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 18.484 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	49.2	73.8
63	28.2	24.9	37.3

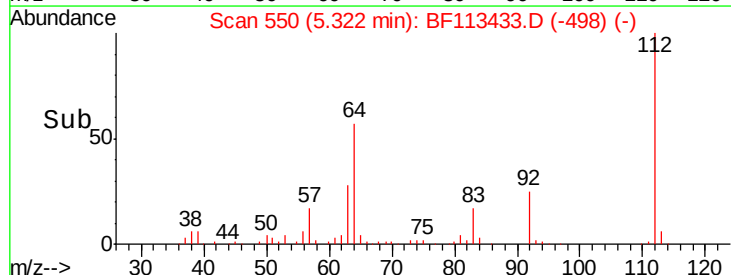
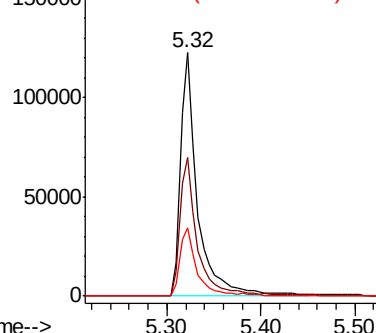


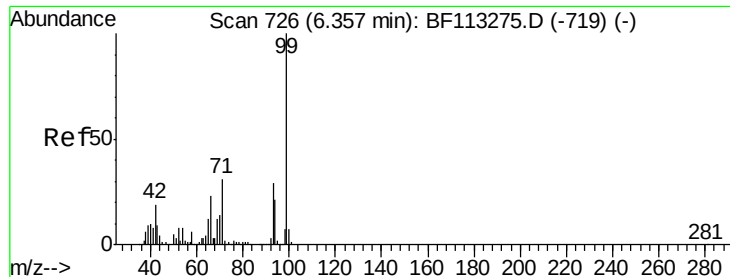
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 71.071 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113433.D

Acq: 30 Mar 2019 00:40

Instrument :

BNA_F

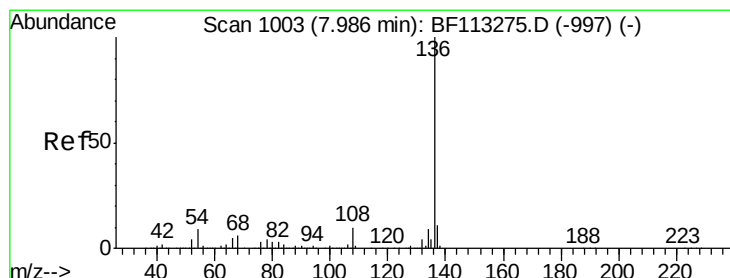
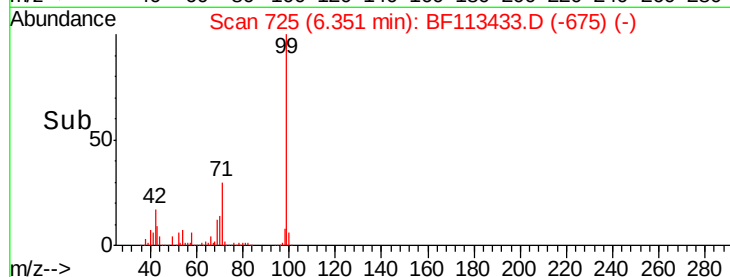
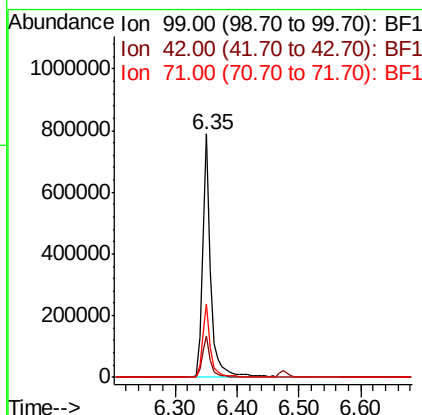
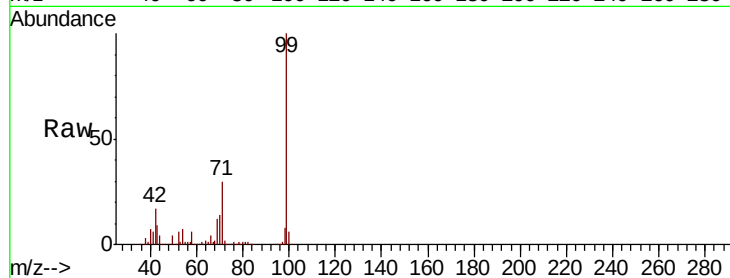
ClientSampled :

CONC-2

Tot Ion:	99	Resp:	766068
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.8	22.2
71	30.2	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

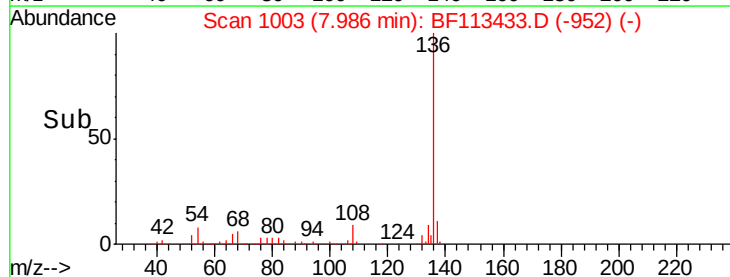
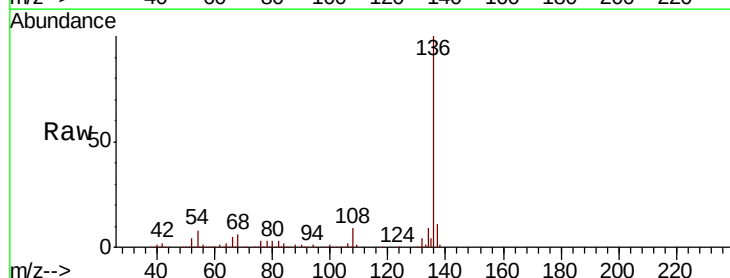
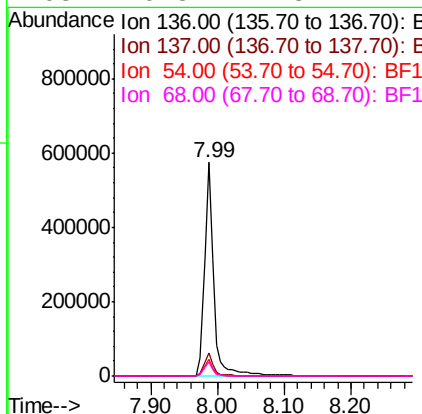
RT: 7.99 min Scan# 1003

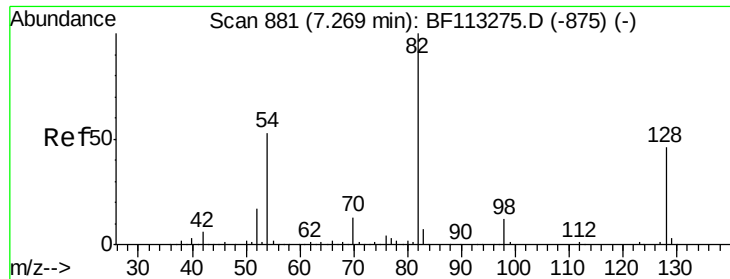
Delta R.T. -0.00 min

Lab File: BF113433.D

Acq: 30 Mar 2019 00:40

Tgt Ion:	136	Resp:	545209
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	7.0	10.6
68	6.3	4.8	7.2





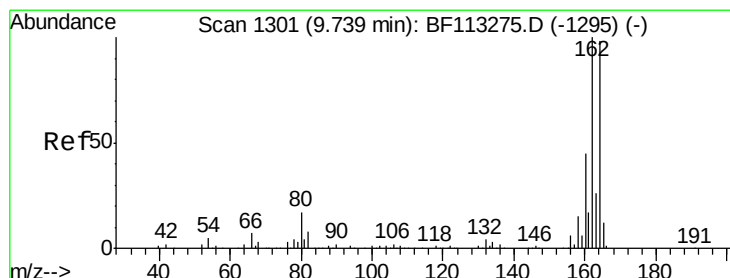
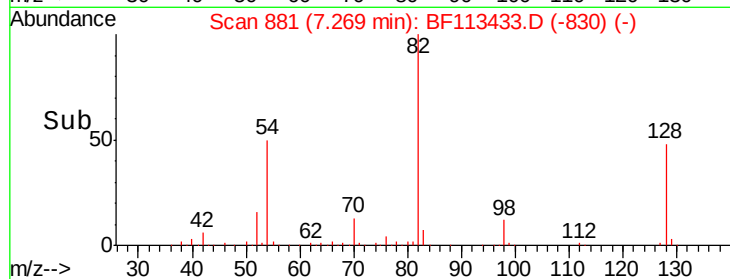
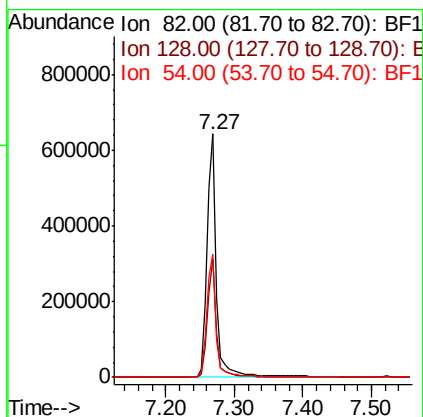
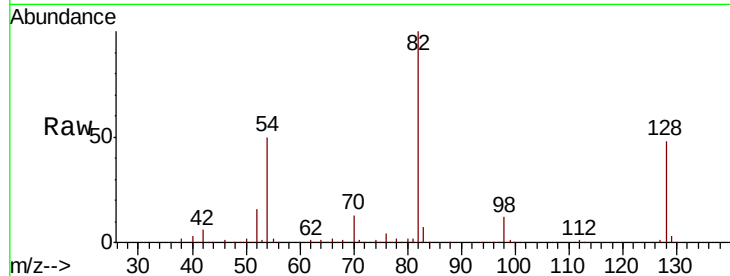
#23
Nitrobenzene-d5
Concen: 69.191 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Instrument :
BNA_F
ClientSampled :
CONC-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.5	54.7
54	50.5	42.2	63.2

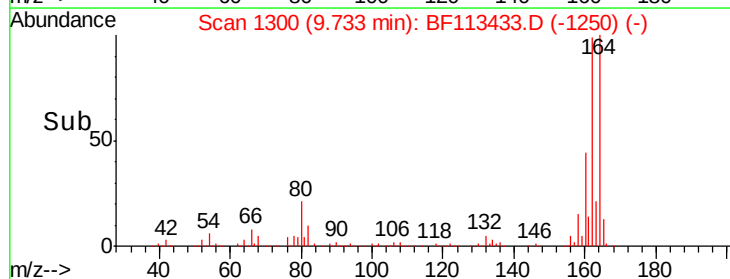
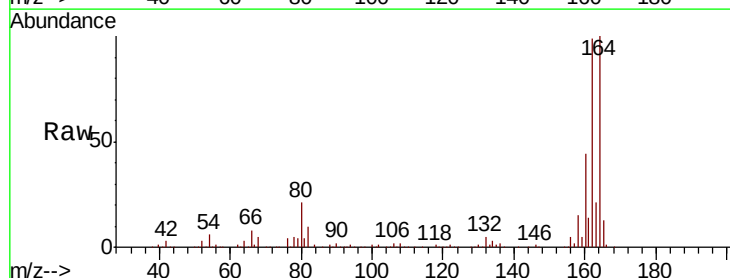
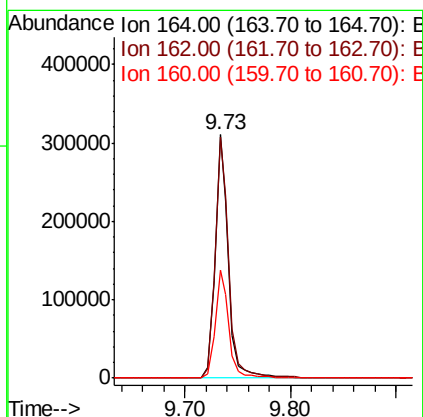
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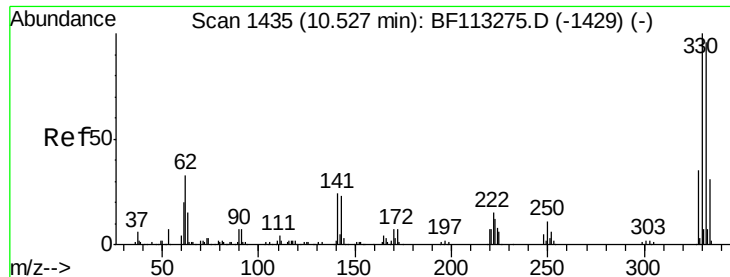
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.8	122.6
160	44.2	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 1.576 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113433.D

Acq: 30 Mar 2019 00:40

Instrument :

BNA_F

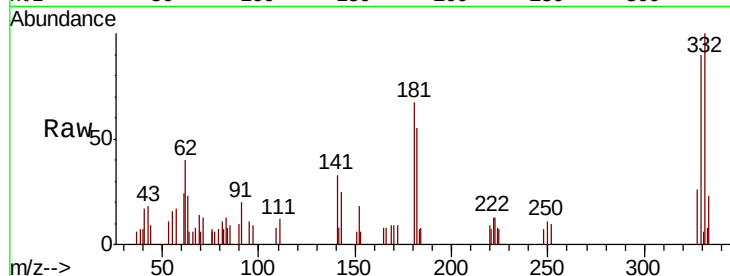
ClientSampleId :

CONC-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.8	116.6
141	35.8	22.7	34.1

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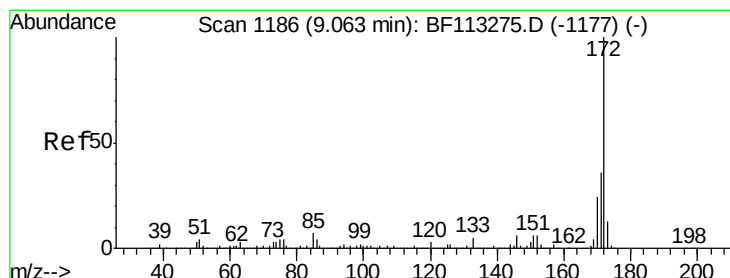
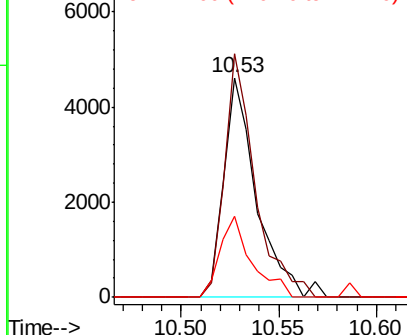
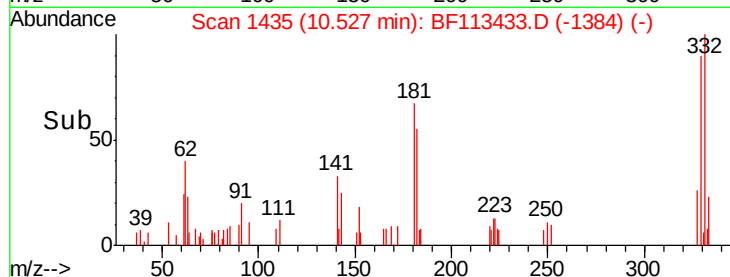


Abundance

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: 68.468 ng

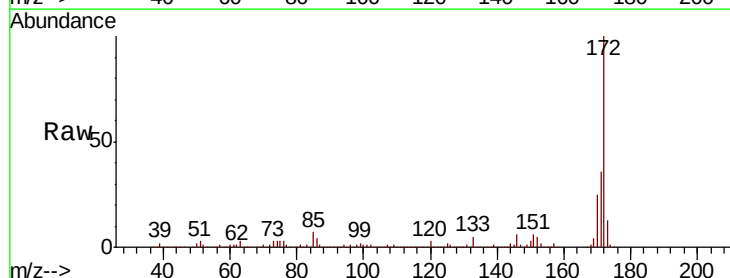
RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113433.D

Acq: 30 Mar 2019 00:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.7	19.5	29.3

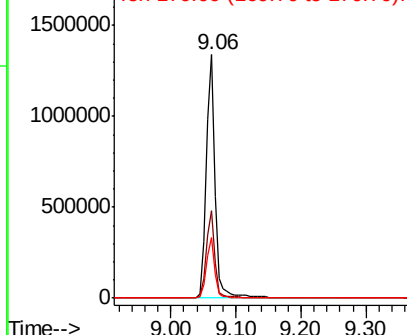
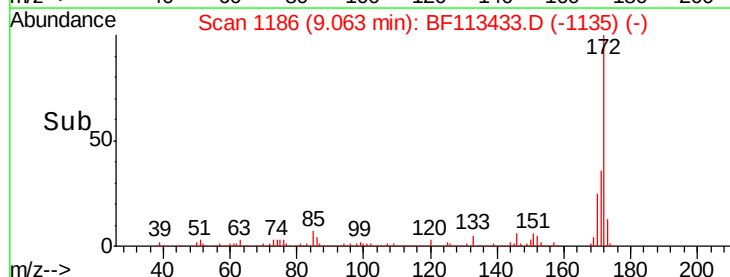


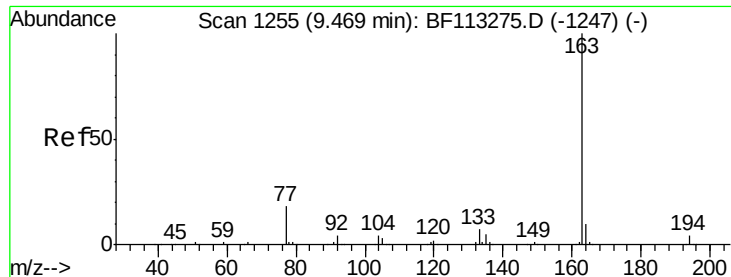
Abundance

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





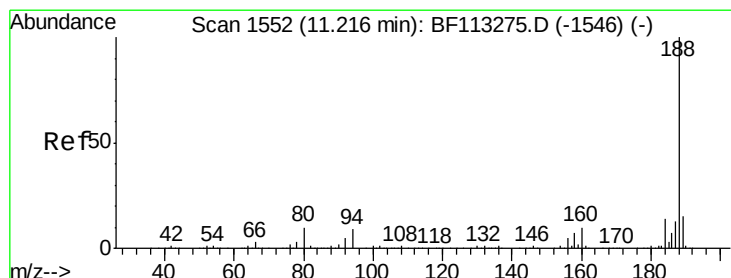
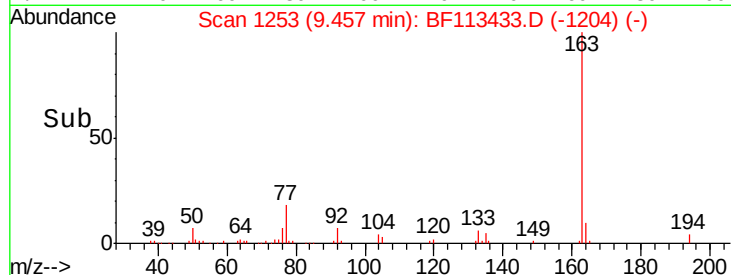
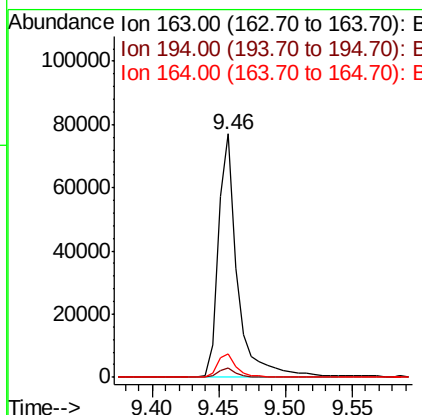
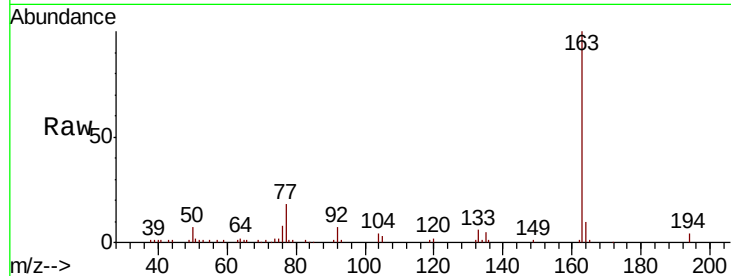
#50
Dimethylphthalate
Concen: 3.774 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Instrument :
BNA_F
ClientSampled :
CONC-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.6	8.1	12.1

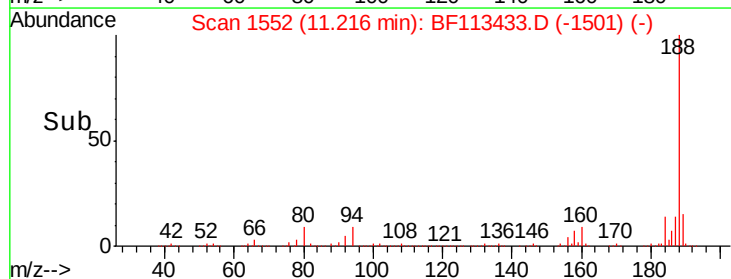
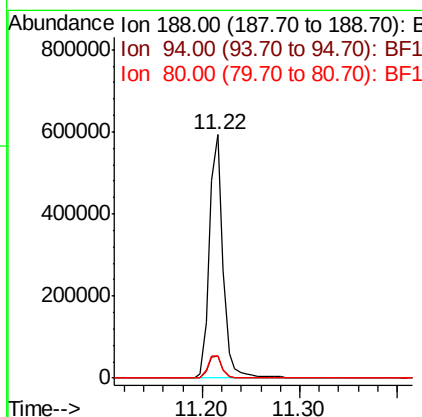
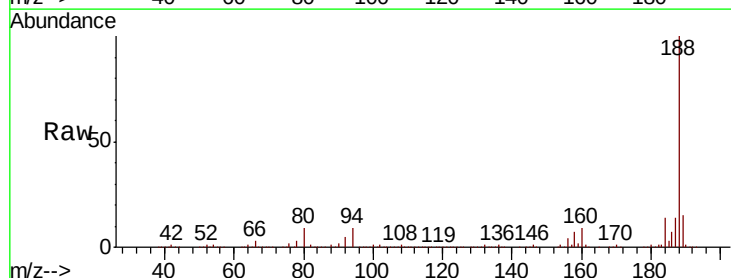
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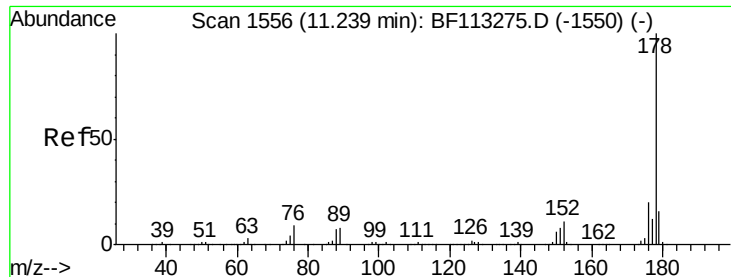
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	8.9	7.7	11.5





#71

Phenanthrene

Concen: 7.770 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF113433.D

Acq: 30 Mar 2019 00:40

Instrument :

BNA_F

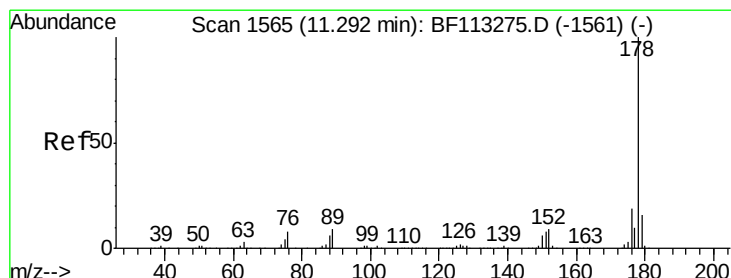
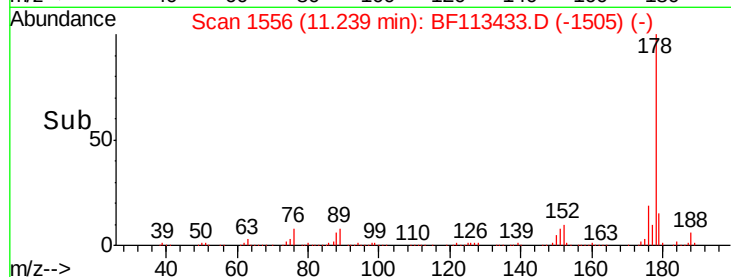
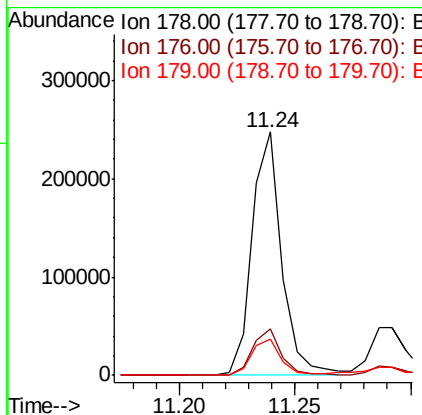
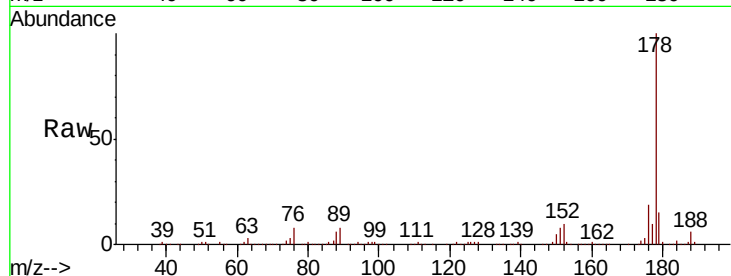
ClientSampled :

CONC-2

Tot Ion:	178	Resp:	222075
Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.2
179	14.9	12.7	19.1

Manual Integrations
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#72

Anthracene

Concen: 2.122 ng

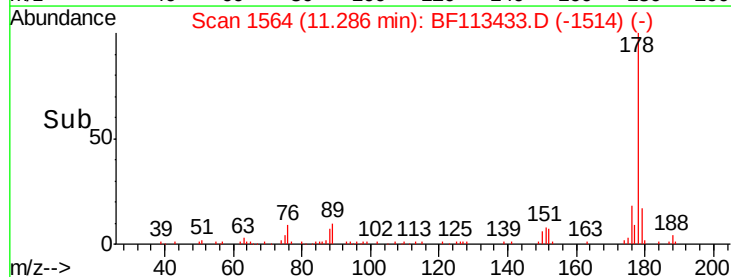
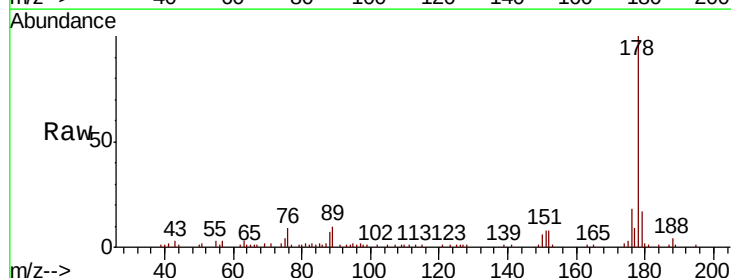
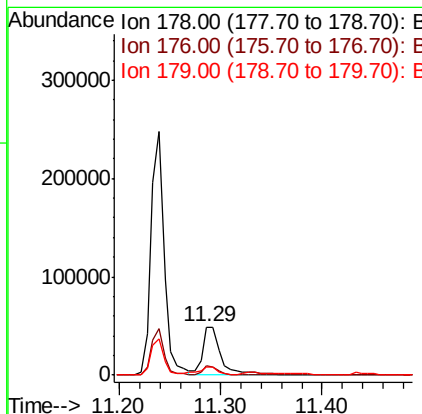
RT: 11.29 min Scan# 1564

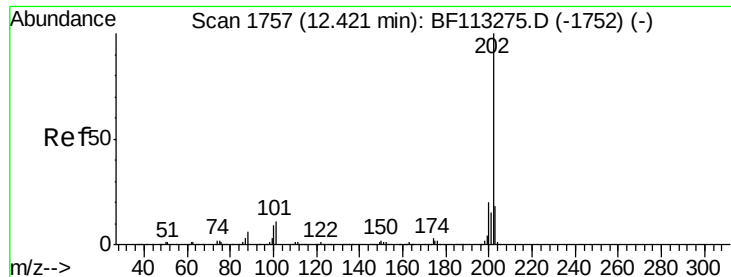
Delta R.T. -0.01 min

Lab File: BF113433.D

Acq: 30 Mar 2019 00:40

Tgt Ion:	178	Resp:	61602
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	17.1	12.8	19.2





#75

Fluoranthene

Concen: 8.833 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113433.D

Acq: 30 Mar 2019 00:40

Instrument :

BNA_F

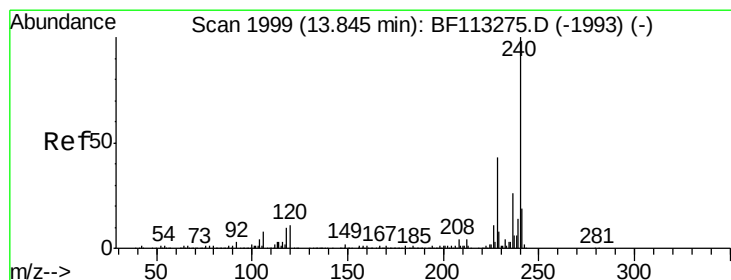
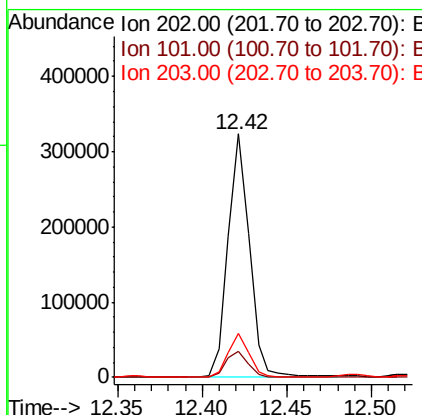
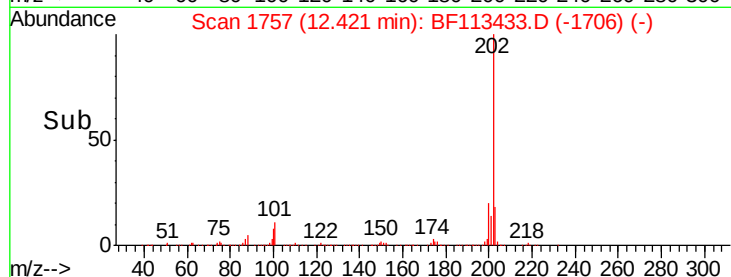
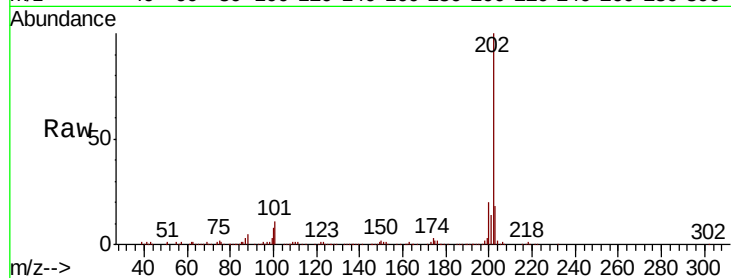
ClientSampleId :

CONC-2

Tot Ion:	202	Resp:	285396
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.4
203	17.9	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

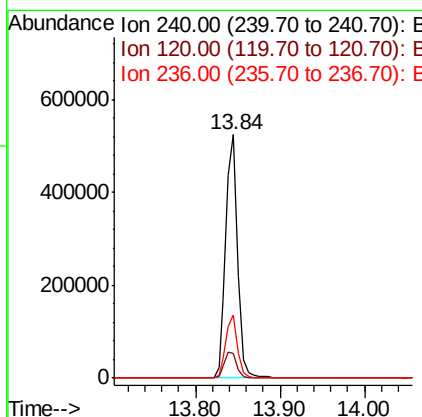
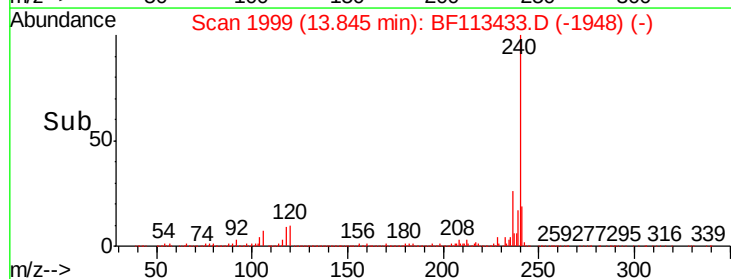
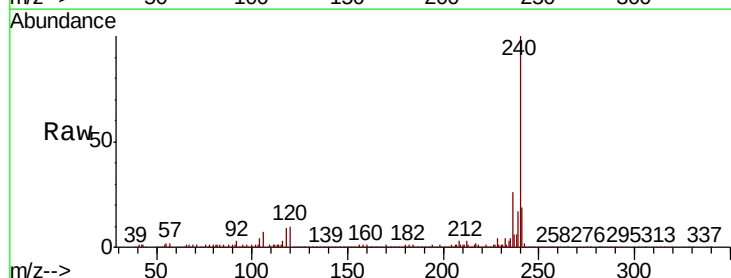
RT: 13.84 min Scan# 1999

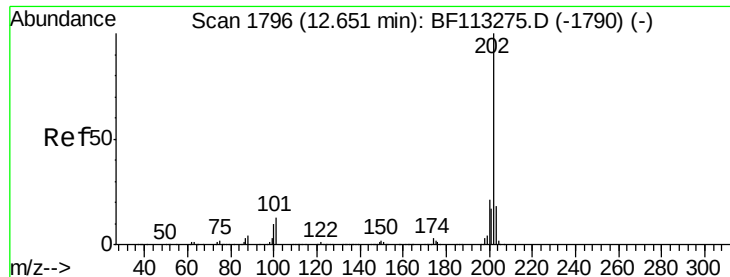
Delta R.T. -0.00 min

Lab File: BF113433.D

Acq: 30 Mar 2019 00:40

Tgt Ion:	240	Resp:	516882
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.8	13.2
236	26.1	20.9	31.3





#78

Pvrene

Concen: 7.626 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113433.D

Acq: 30 Mar 2019 00:40

Instrument :

BNA_F

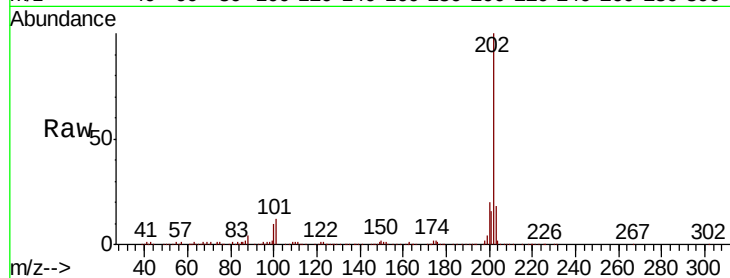
ClientSampleId :

CONC-2

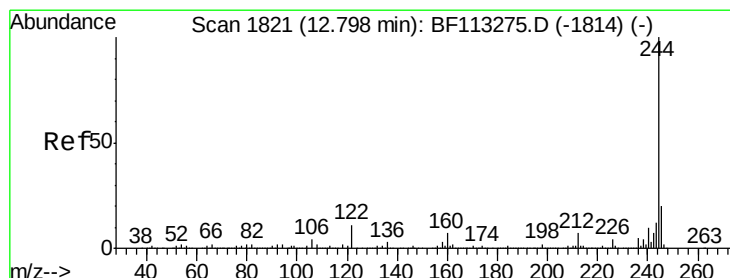
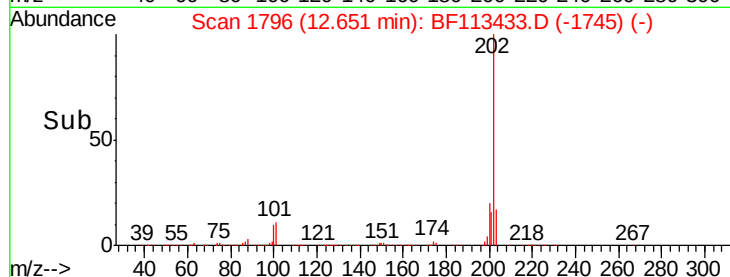
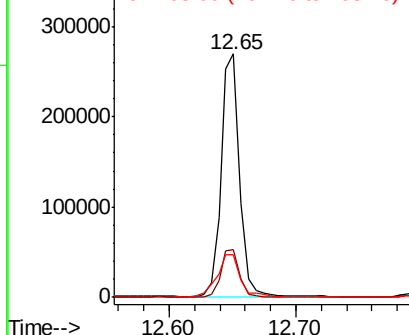
Tot Ion:	202	Resp:	273138
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.8	25.2
203	17.6	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 64.608 ng

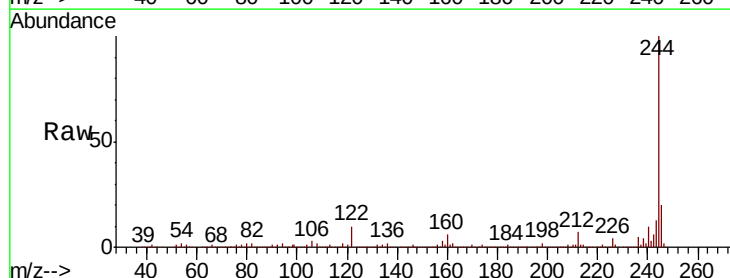
RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

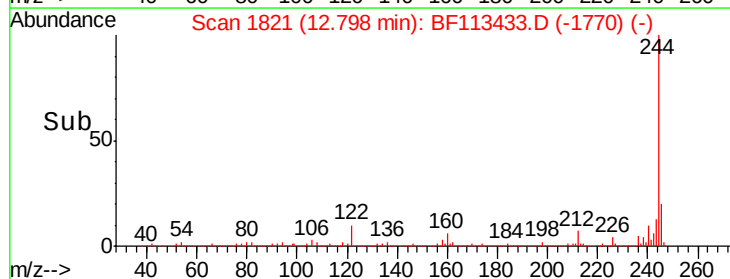
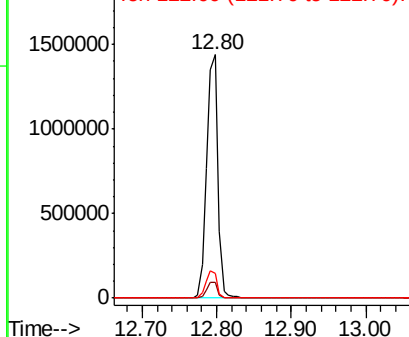
Lab File: BF113433.D

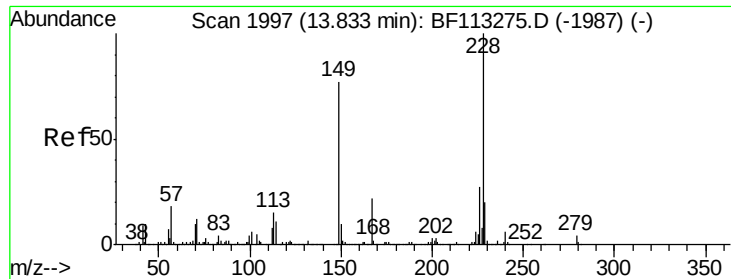
Acq: 30 Mar 2019 00:40

Tgt Ion:	244	Resp:	1515061
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.5	8.3
122	10.1	8.6	13.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





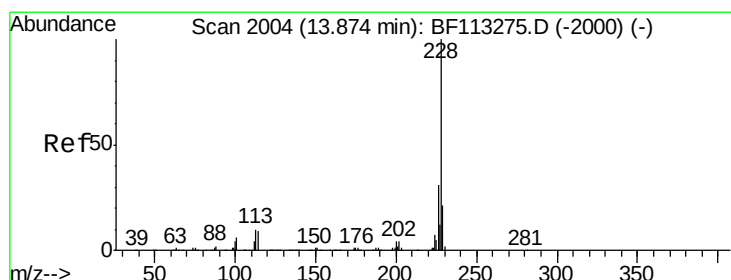
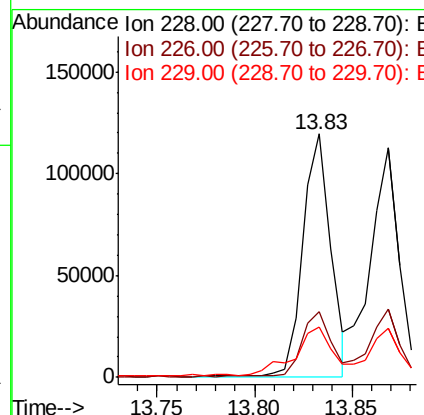
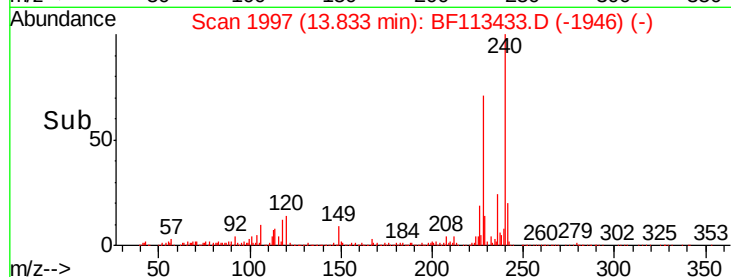
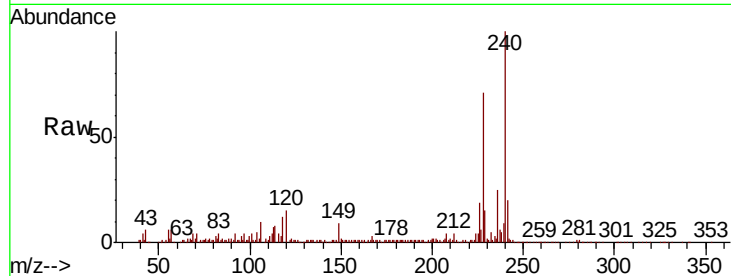
#81
Benzo(a)anthracene
Concen: 3.991 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Instrument :
BNA_F
ClientSampleId :
CONC-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	20.9	16.2	24.4

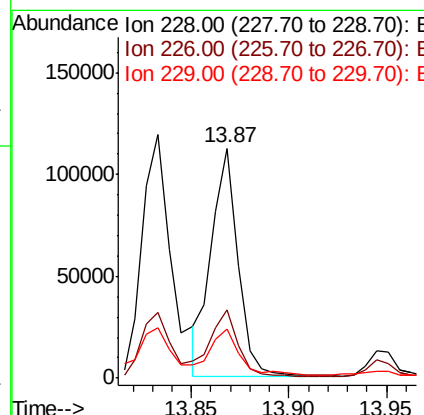
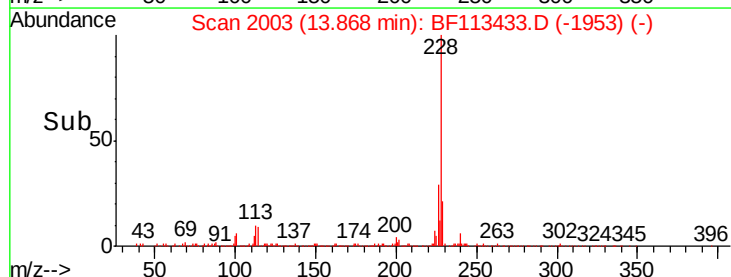
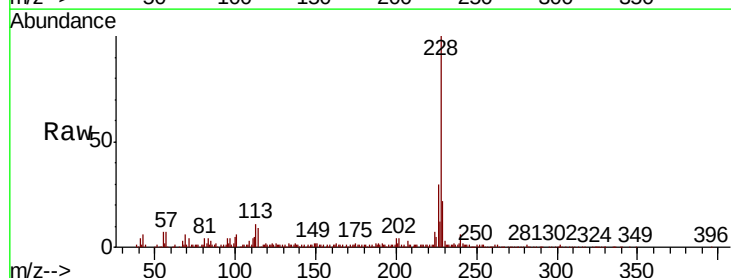
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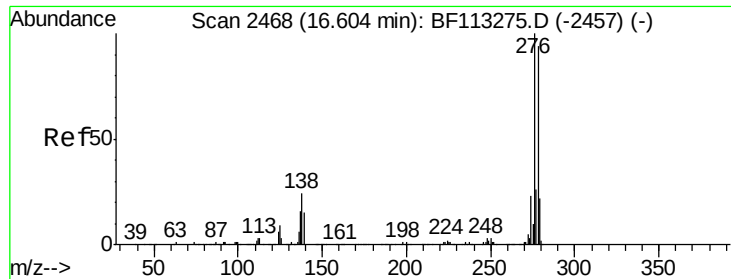
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#83
Chrysene
Concen: 3.617 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	21.6	16.3	24.5





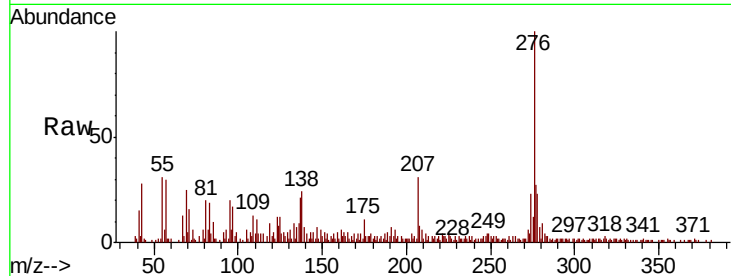
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.028 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Instrument :
BNA_F
ClientSampleId :
CONC-2

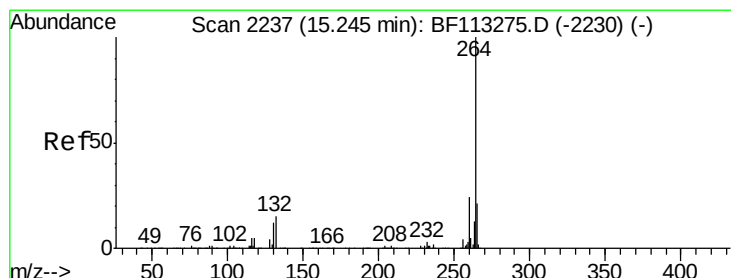
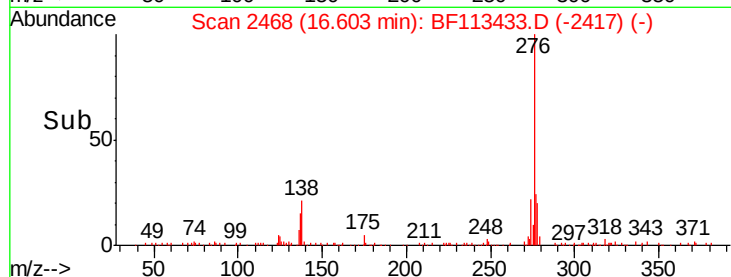
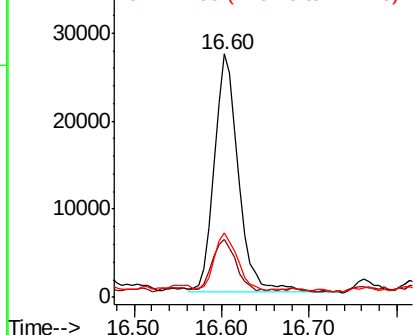
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	18.1	27.1
277	23.0	20.2	30.4

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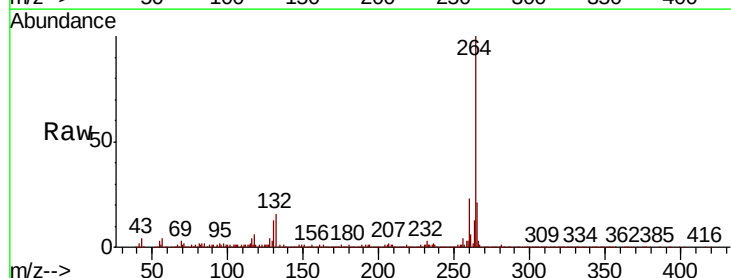


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

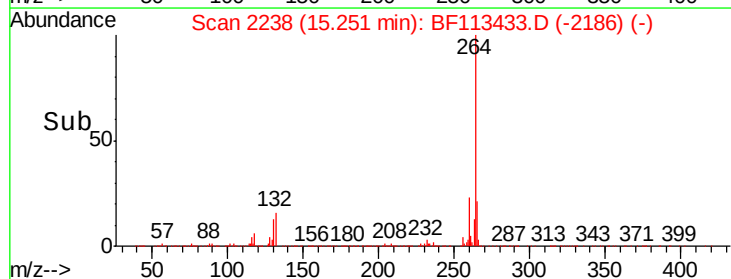
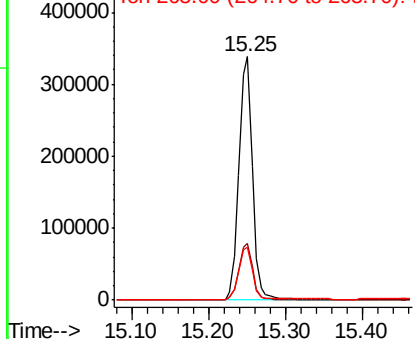


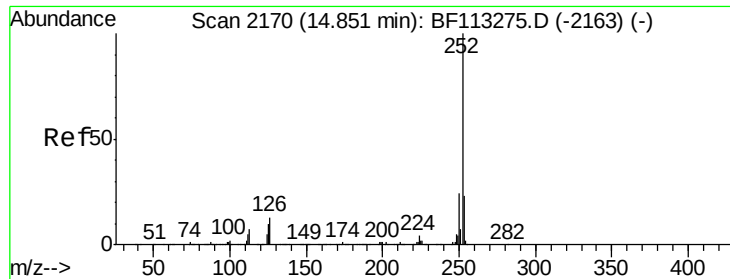
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.5	17.1	25.7



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





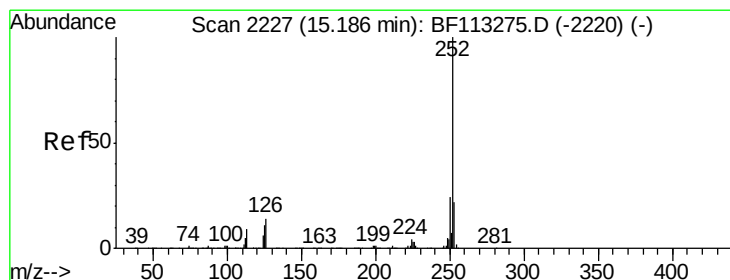
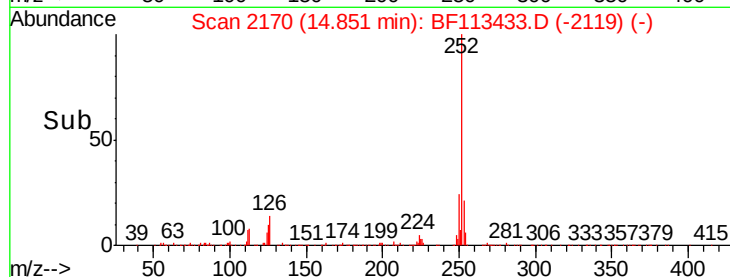
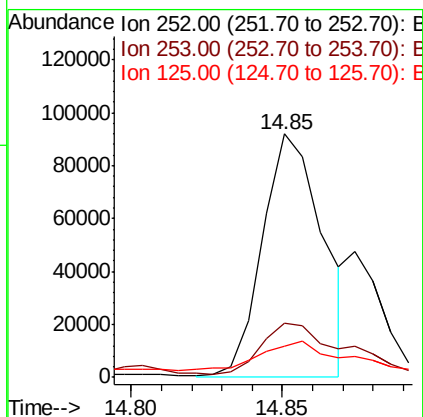
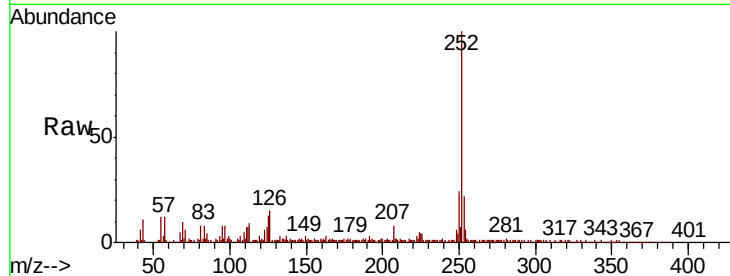
#88
Benzo(b)fluoranthene
Concen: 4.867 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Instrument :
BNA_F
ClientSampleId :
CONC-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.9	7.6	11.4

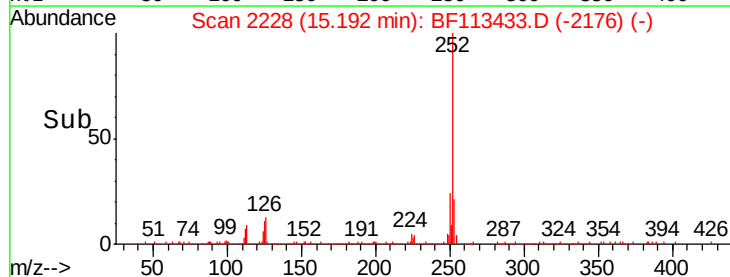
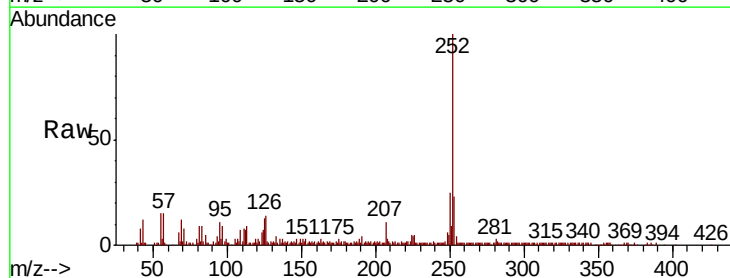
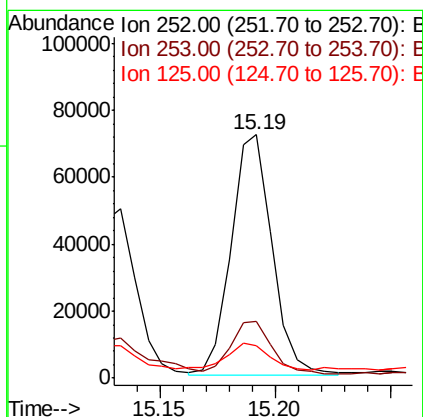
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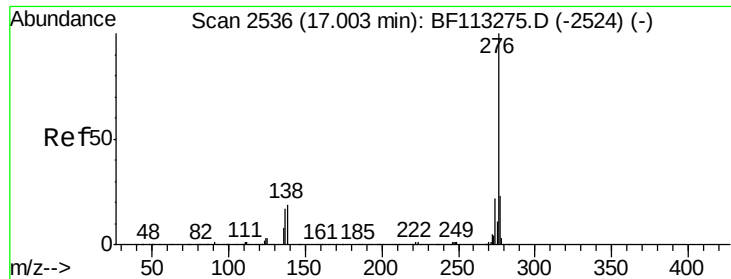
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#90
Benzo(a)pyrene
Concen: 3.869 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113433.D
Acq: 30 Mar 2019 00:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	13.4	8.8	13.2





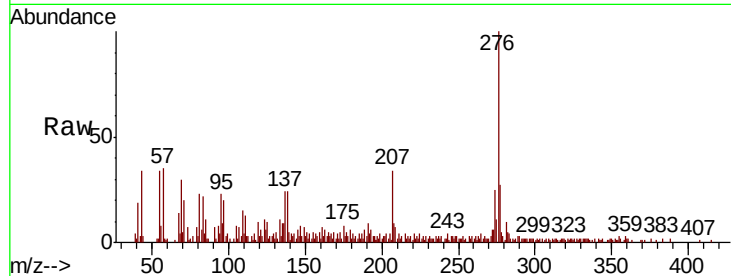
#92
 Benzo(a,h,i)perylene
 Concen: 2.536 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. 0.01 min
 Lab File: BF113433.D
 Acq: 30 Mar 2019 00:40

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	26.8	18.8	28.2	
138	23.5	15.6	23.4	

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

