

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113271.D
 Acq On : 24 Mar 2019 16:45
 Operator : JU/SJ
 Sample : K2078-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-005-B

Manual Integrations
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 3/26/2019 6:34:53 PM

Quant Time: Mar 25 05:00:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	171160	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	653459	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	295010	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	510580	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	417333	20.00	ng	-0.01
87) Perylene-d12	15.27	264	341997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	98295	8.93	ng	-0.02
7) Phenol-d6	6.36	99	478594	34.63	ng	-0.02
23) Nitrobenzene-d5	7.27	82	374663	34.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	22431	7.16	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	703656	33.45	ng	-0.02
79) Terphenyl-d14	12.80	244	578897	26.89	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.46	163	55132	2.534	ng	Qvalue # 99
71) Phenanthrene	11.25	178	182802	7.196	ng	98
75) Fluoranthene	12.43	202	204311	7.507	ng	96
78) Pyrene	12.66	202	189872	5.397	ng	98
80) Butylbenzylphthalate	13.28	149	104587	6.735	ng	93
81) Benzo(a)anthracene	13.84	228	87509	3.025	ng	97
83) Chrysene	13.88	228	81368	2.872	ng	96
84) Bis(2-ethylhexyl)phthalate	13.84	149	225441	12.376	ng	# 89
85) Di-n-octyl phthalate	14.46	149	225562	7.211	ng	# 93
88) Benzo(b)fluoranthene	14.87	252	83618m	3.780	ng	
90) Benzo(a)pyrene	15.21	252	55614	2.842	ng	# 82

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

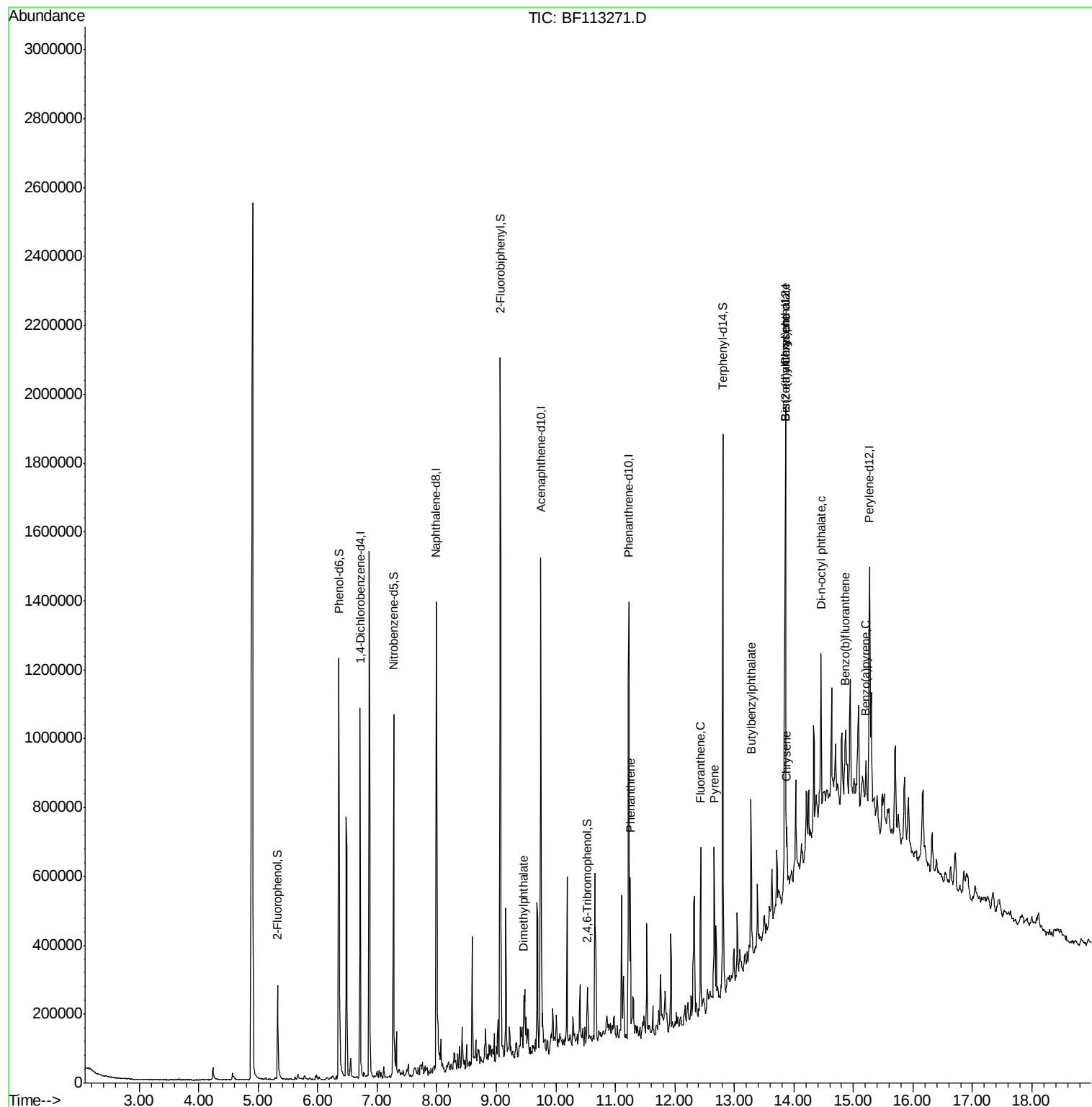
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113271.D
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Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

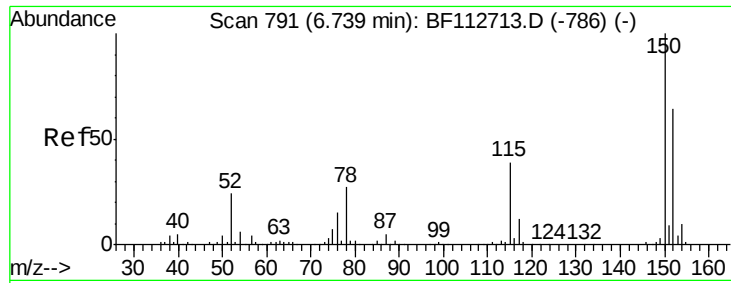
Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-B

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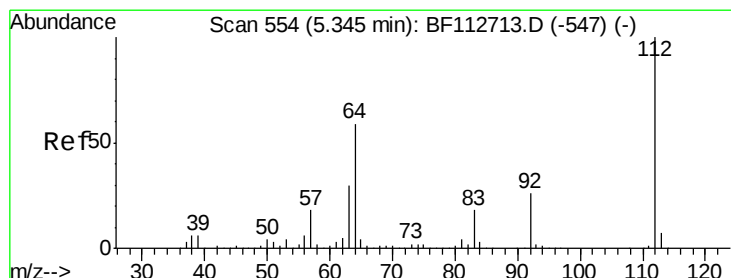
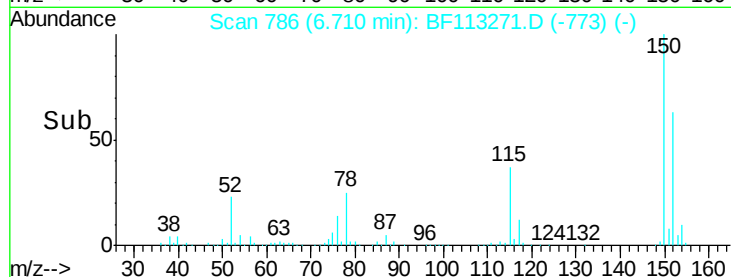
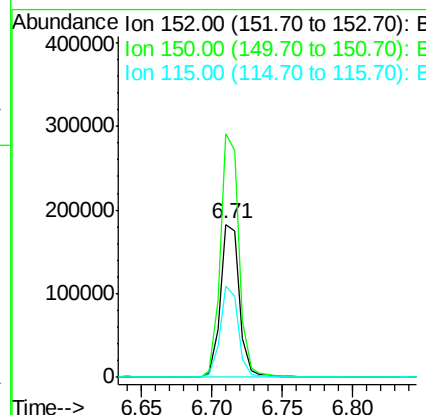
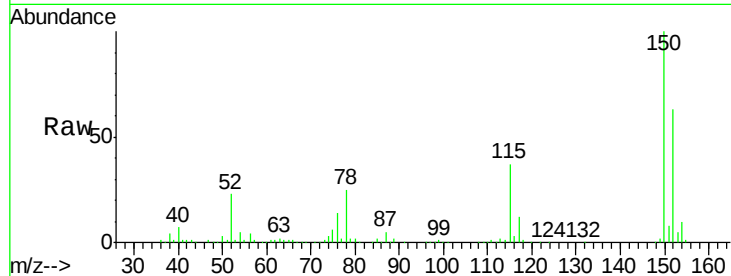
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF113271.D
 Acq: 24 Mar 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-005-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.2	186.2
115	59.4	48.2	72.4

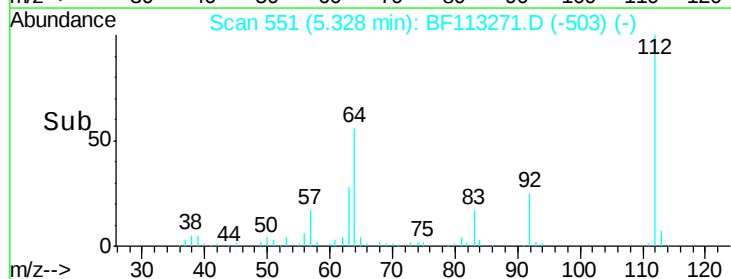
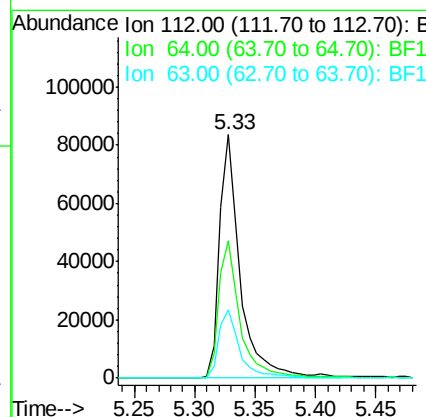
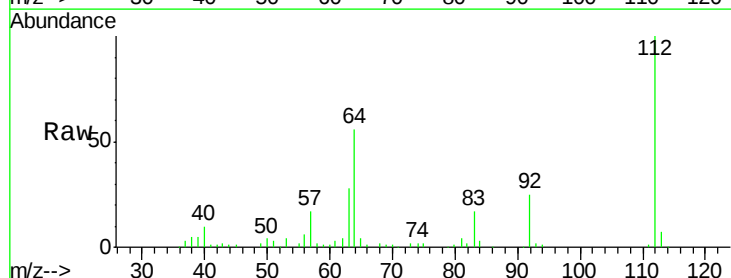
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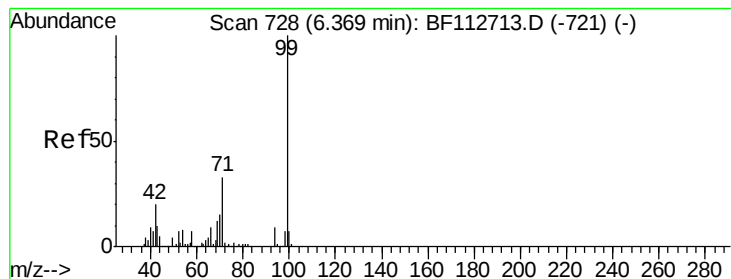
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#5
 2-Fluorophenol
 Concen: 8.933 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF113271.D
 Acq: 24 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.6	71.4
63	28.2	24.4	36.6





#7

Phenol-d6

Concen: 34.626 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113271.D

Acq: 24 Mar 2019 16:45

Instrument :

BNA_F

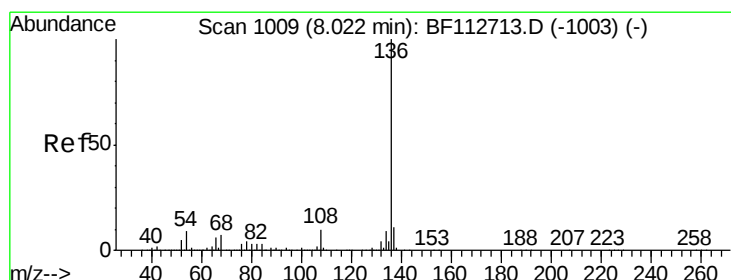
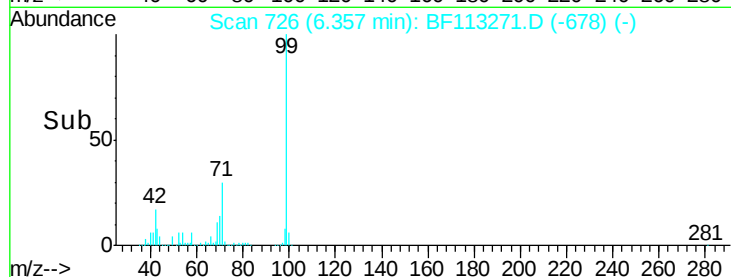
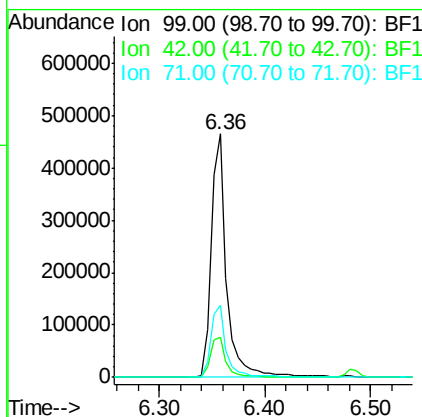
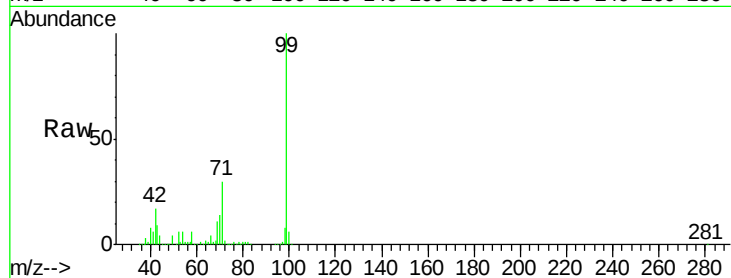
ClientSampleId :

FK-SF-01-005-B

Tot Ion:	99	Resp:	478594
Ion Ratio	Lower	Upper	
99	100		
42	16.6	16.3	24.5
71	29.7	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

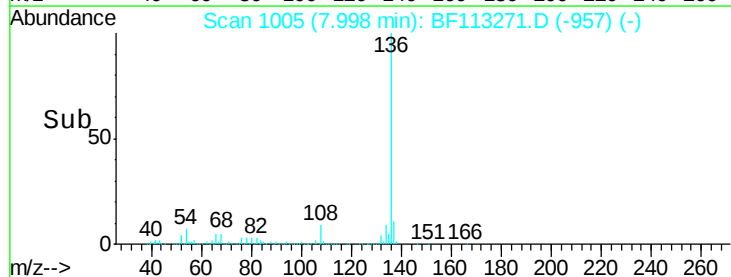
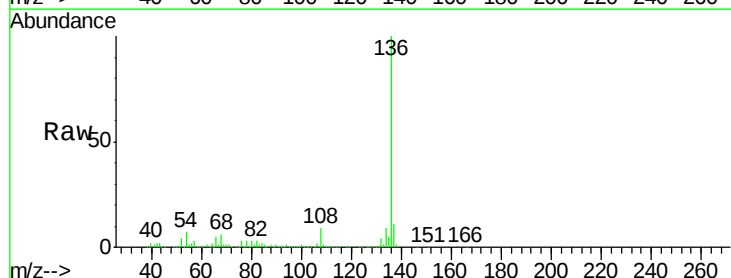
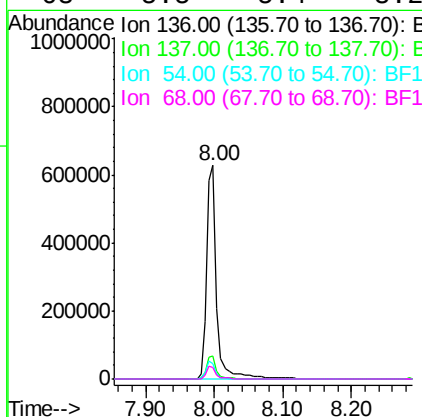
RT: 8.00 min Scan# 1005

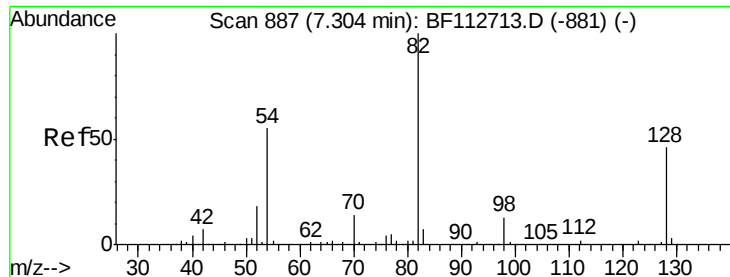
Delta R.T. -0.02 min

Lab File: BF113271.D

Acq: 24 Mar 2019 16:45

Tgt Ion:	136	Resp:	653459
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.4	7.3	10.9
68	5.5	5.4	8.2





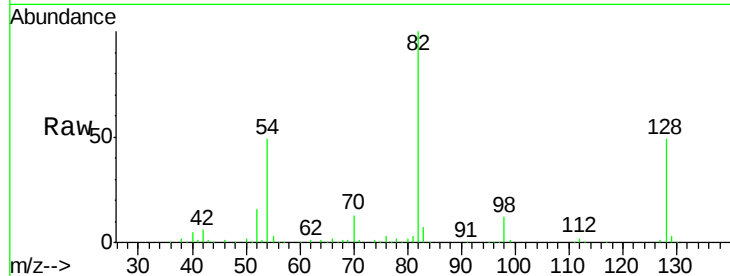
#23
Nitrobenzene-d5
Concen: 34.308 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113271.D
Acq: 24 Mar 2019 16:45

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-B

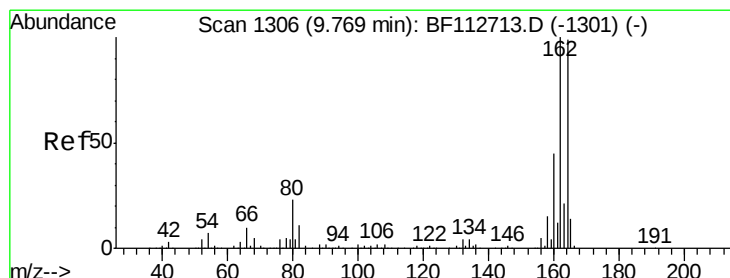
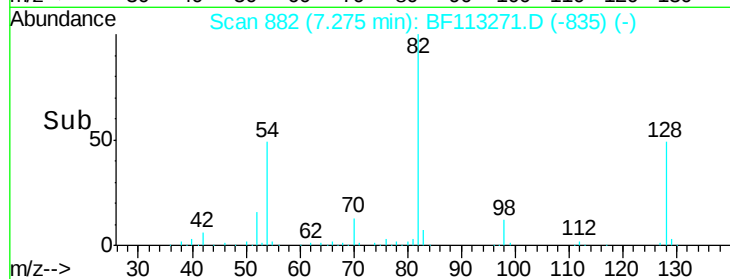
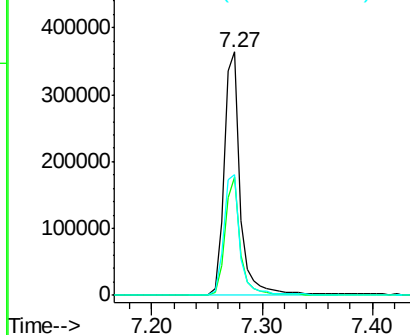
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.3	54.5
54	49.4	43.7	65.5

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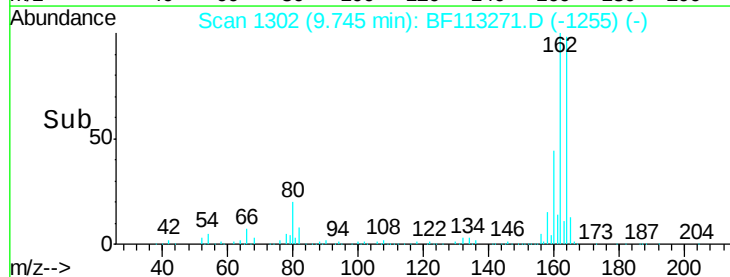
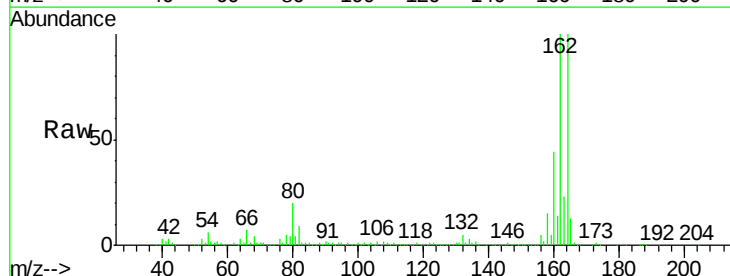
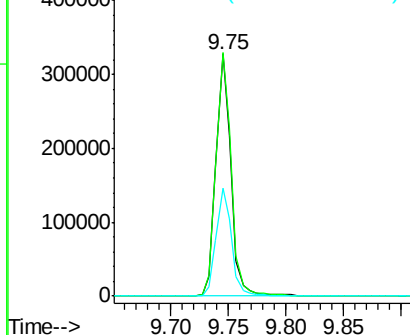
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

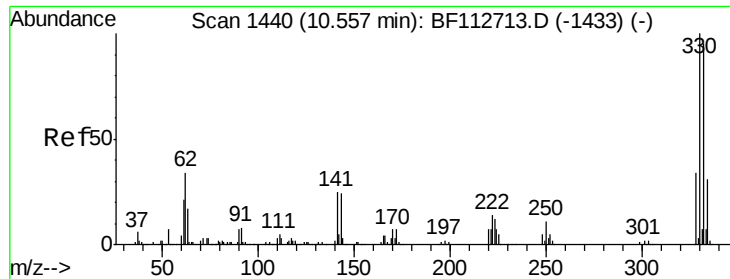


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113271.D
Acq: 24 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	44.3	36.0	54.0

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 7.162 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF113271.D

Acq: 24 Mar 2019 16:45

Instrument :

BNA_F

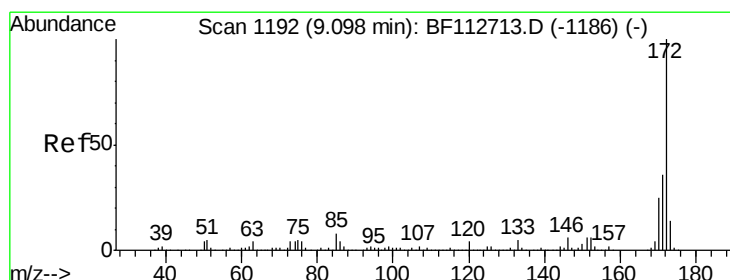
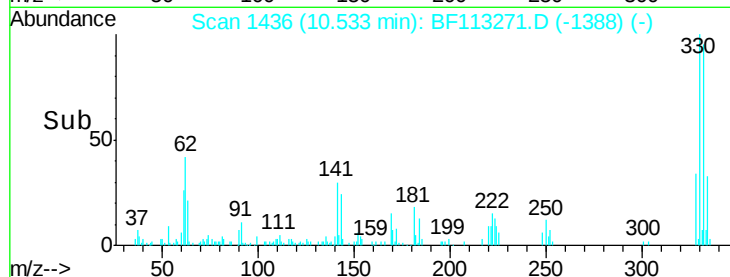
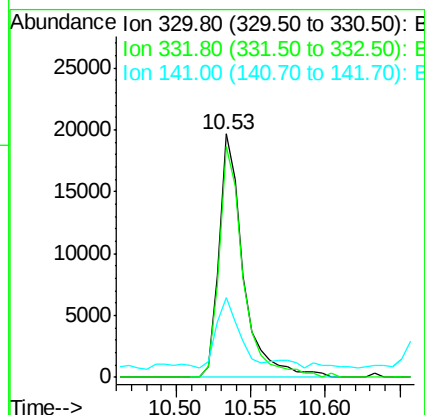
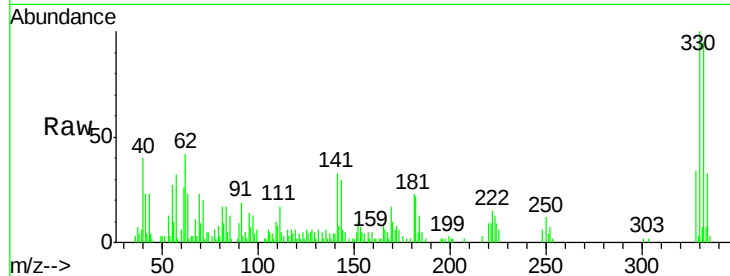
ClientSampleId :

FK-SF-01-005-B

Tot Ion:	330	Resp:	22431
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.2	114.4
141	26.4	27.0	40.6

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#45

2-Fluorobiphenyl

Concen: 33.450 ng

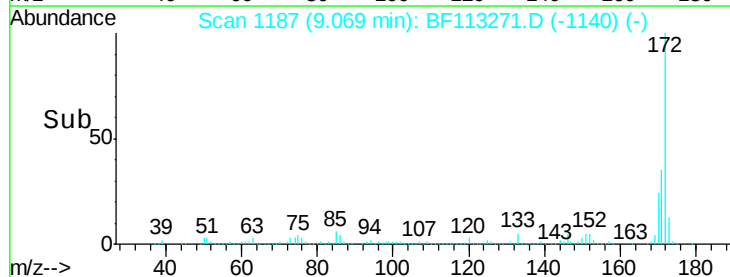
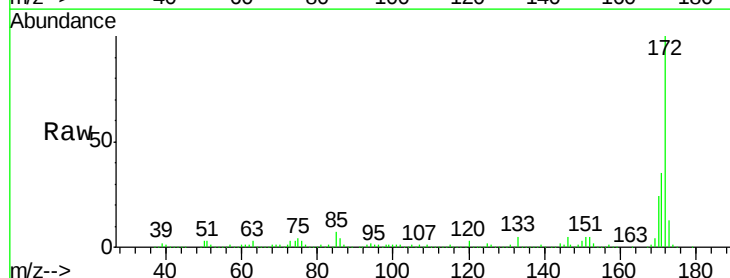
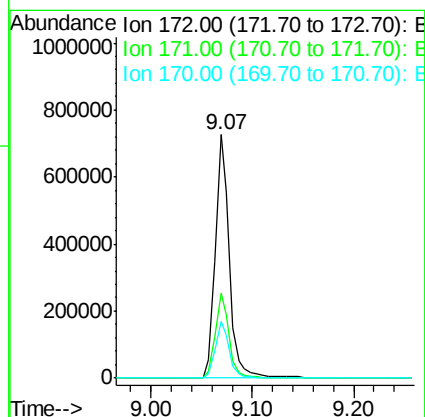
RT: 9.07 min Scan# 1187

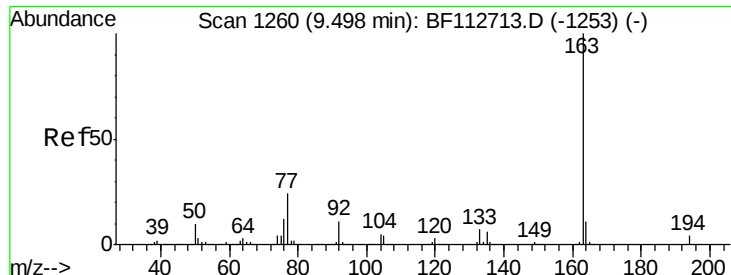
Delta R.T. -0.02 min

Lab File: BF113271.D

Acq: 24 Mar 2019 16:45

Tgt Ion:	172	Resp:	703656
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.0	43.4
170	23.5	20.0	30.0





#50

Dimethylphthalate

Concen: 2.534 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BF113271.D

Acq: 24 Mar 2019 16:45

Instrument :

BNA_F

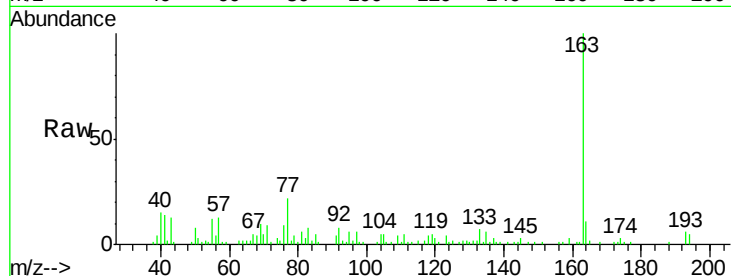
ClientSampleId :

FK-SF-01-005-B

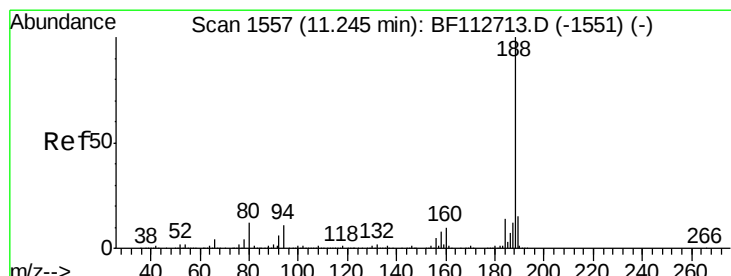
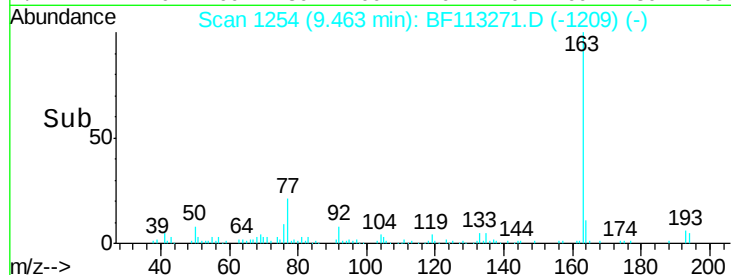
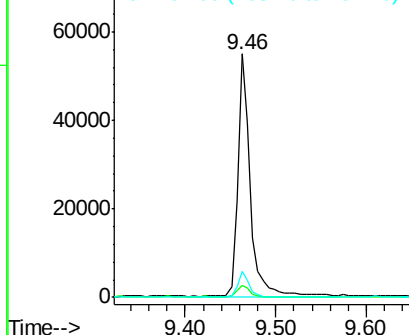
Tot Ion:	163	Resp:	55132
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.0	4.4#
164	10.8	8.4	12.6

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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

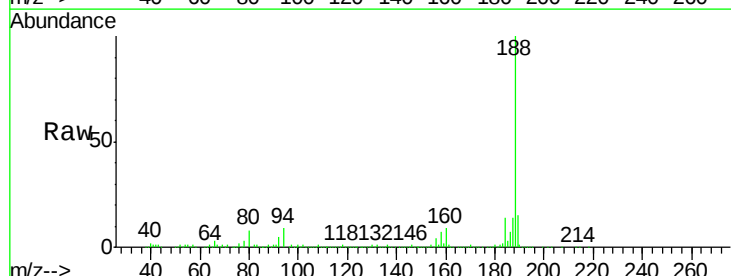
RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

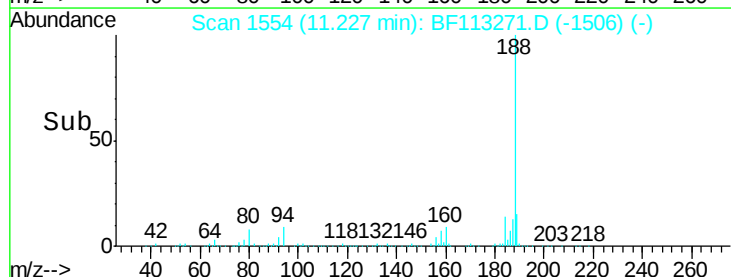
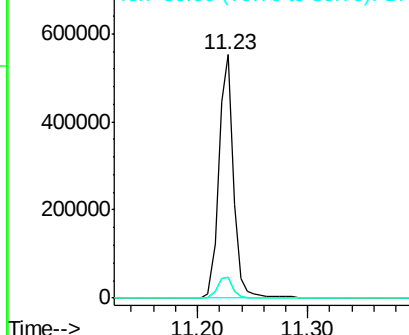
Lab File: BF113271.D

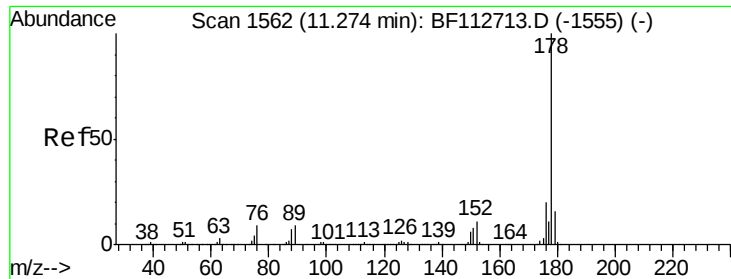
Acq: 24 Mar 2019 16:45

Tgt Ion:	188	Resp:	510580
Ion Ratio	Lower	Upper	
188	100		
94	8.6	9.0	13.4#
80	8.5	9.2	13.8#



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: 7.196 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.02 min

Lab File: BF113271.D

Acq: 24 Mar 2019 16:45

Instrument :

BNA_F

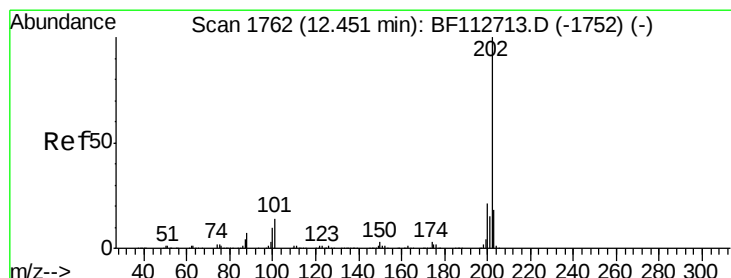
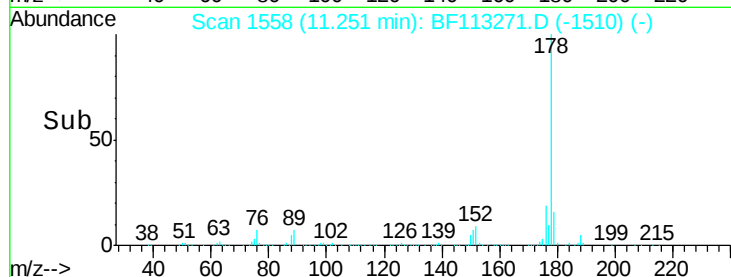
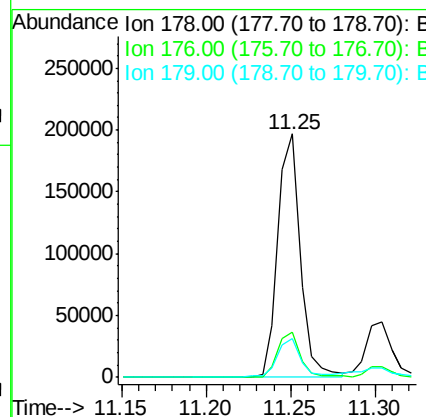
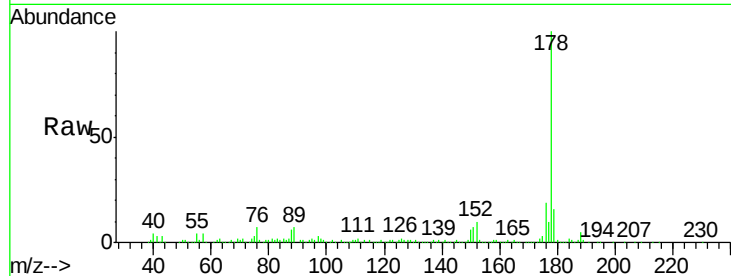
ClientSampleId :

FK-SF-01-005-B

Tot Ion:	178	Resp:	182802
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.3	24.5
179	15.9	12.7	19.1

Manual Integrations
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#75

Fluoranthene

Concen: 7.507 ng

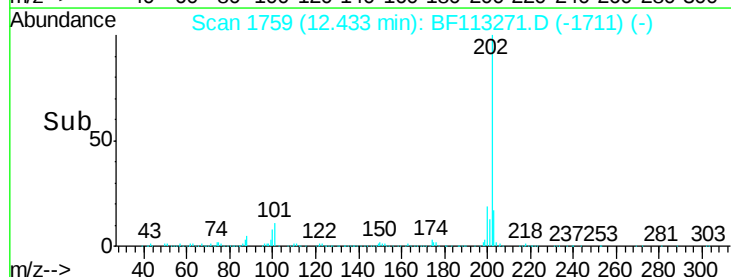
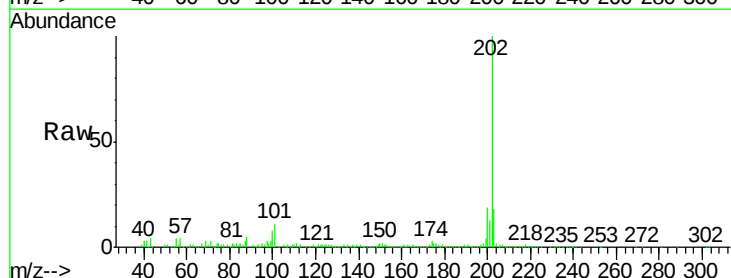
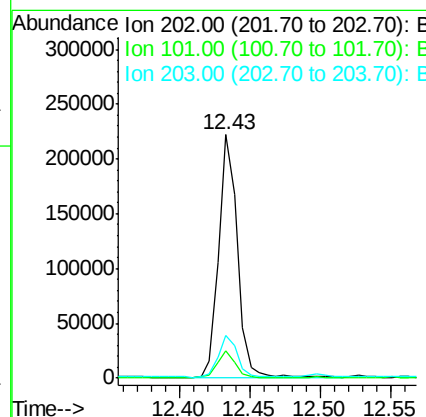
RT: 12.43 min Scan# 1759

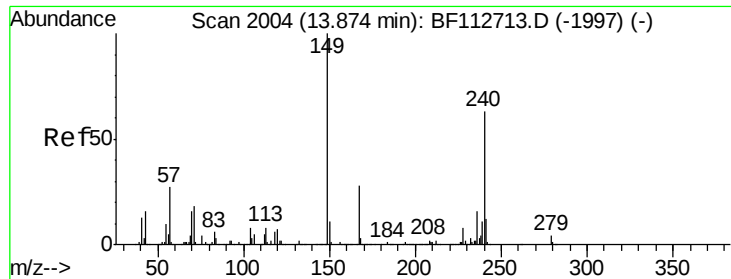
Delta R.T. -0.02 min

Lab File: BF113271.D

Acq: 24 Mar 2019 16:45

Tgt Ion:	202	Resp:	204311
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	33.8
203	17.7	0.0	38.4





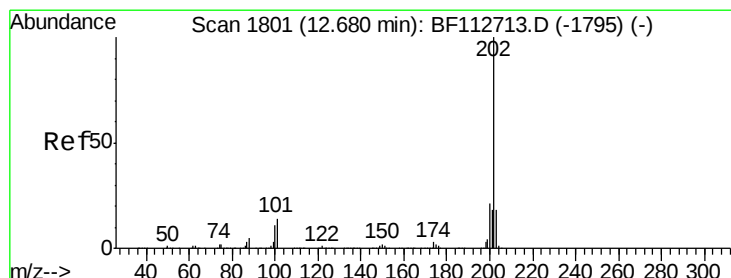
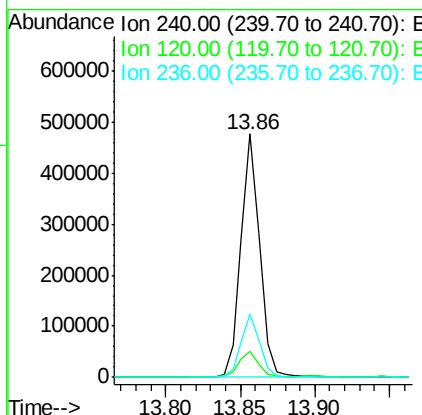
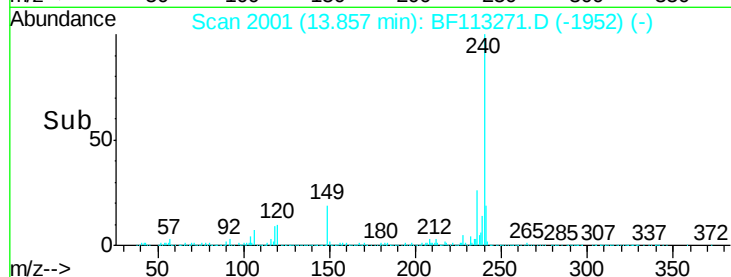
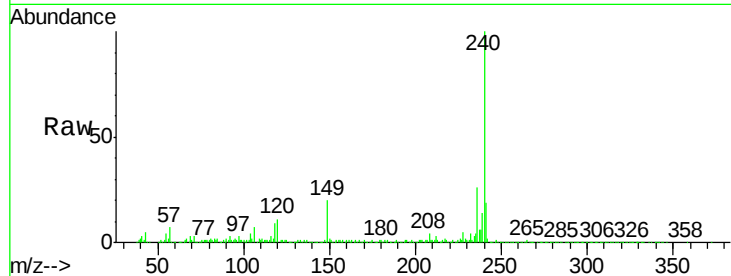
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113271.D
Acq: 24 Mar 2019 16:45

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.8	20.7	31.1

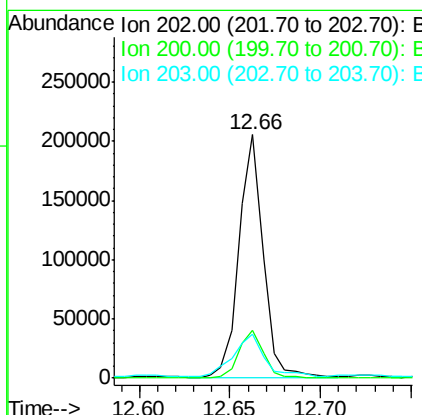
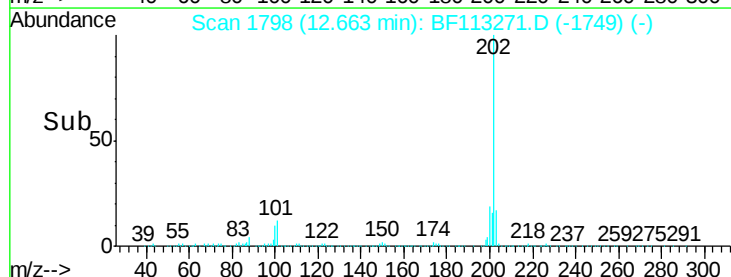
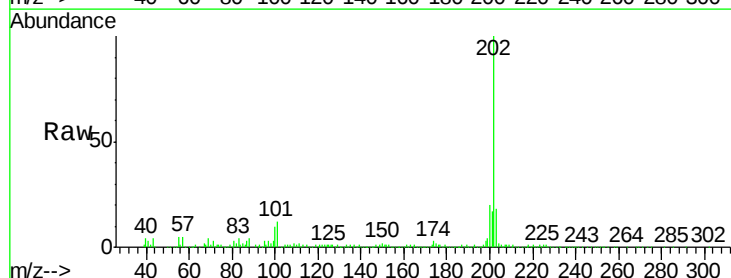
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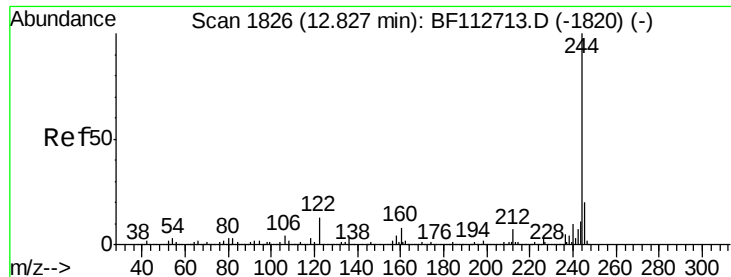
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#78
Pyrene
Concen: 5.397 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF113271.D
Acq: 24 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.0	25.4
203	17.8	14.4	21.6





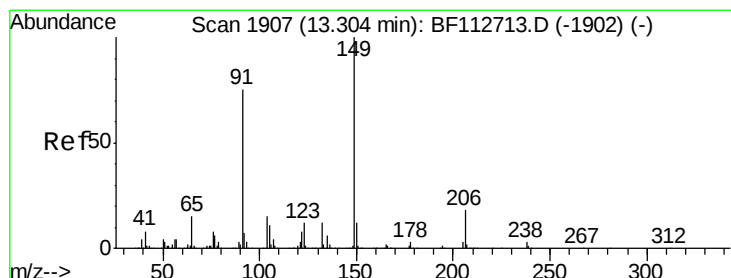
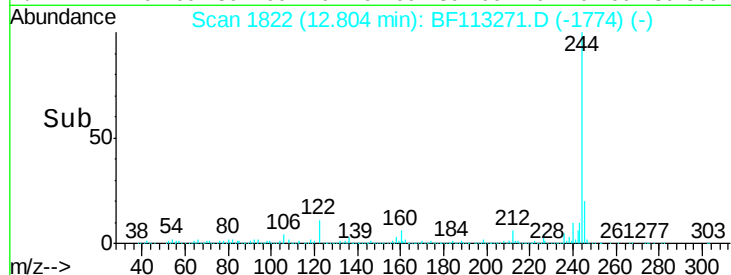
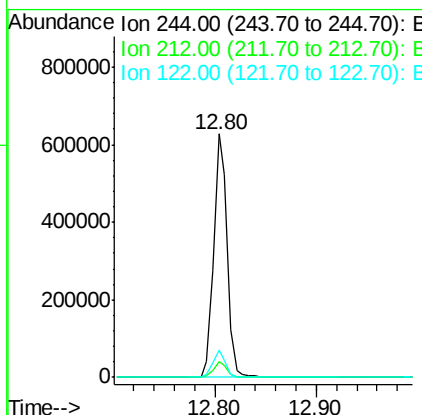
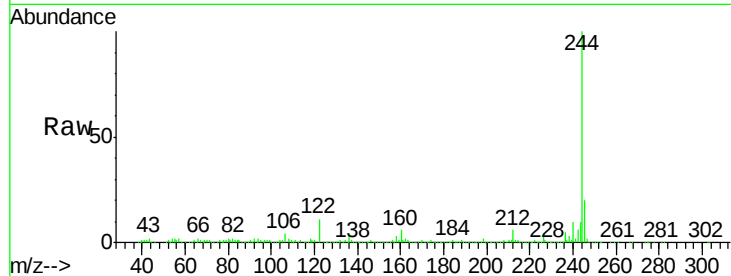
#79
 Terphenyl-d14
 Concen: 26.890 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.02 min
 Lab File: BF113271.D
 Acq: 24 Mar 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-005-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	11.4	10.5	15.7

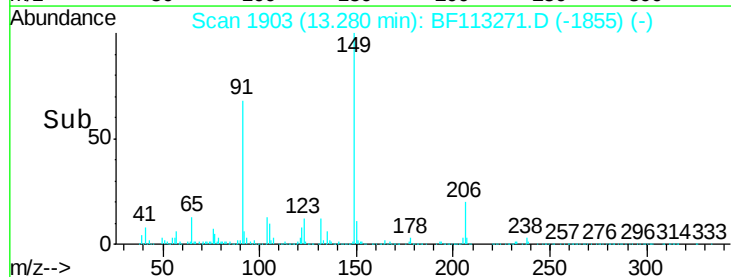
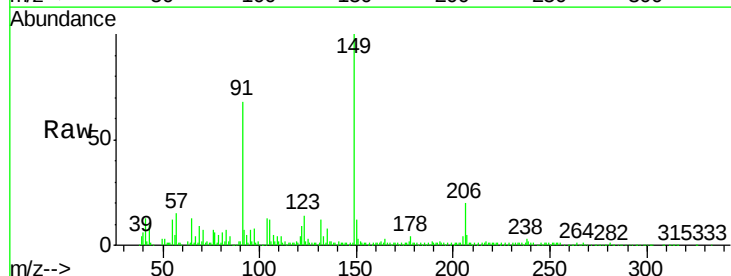
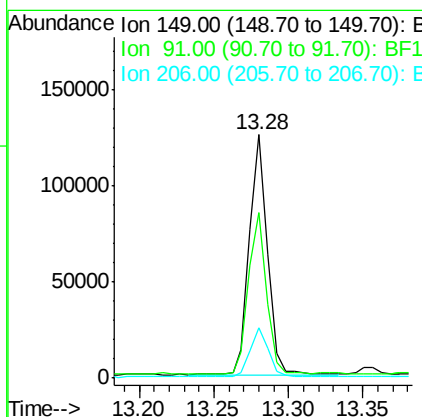
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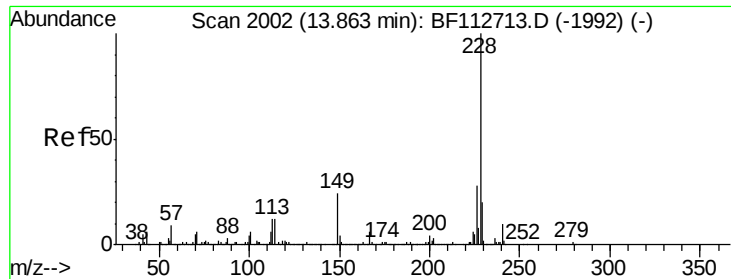
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#80
 Butylbenzylphthalate
 Concen: 6.735 ng
 RT: 13.28 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BF113271.D
 Acq: 24 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	59.9	89.9
206	20.5	14.7	22.1





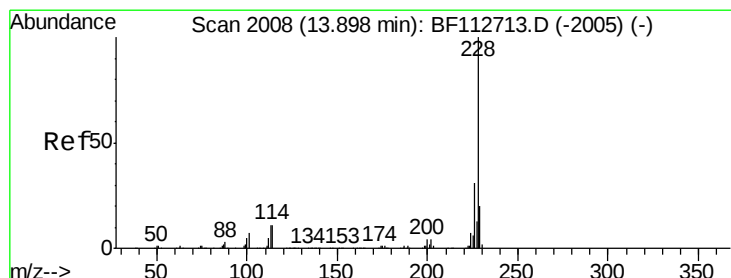
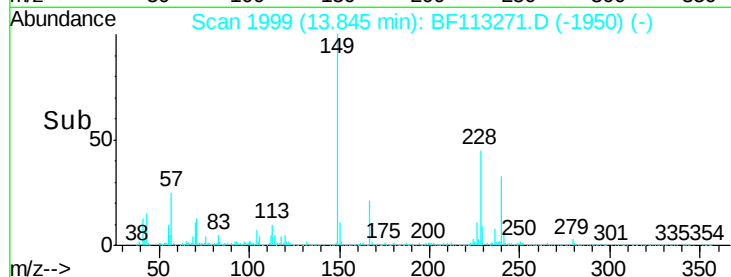
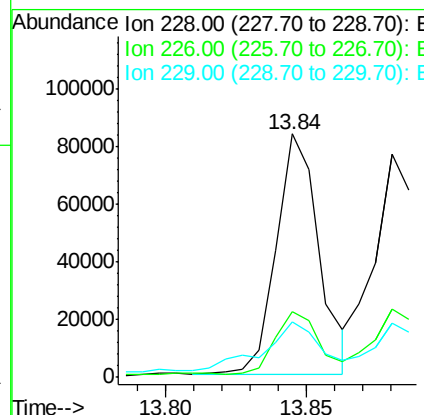
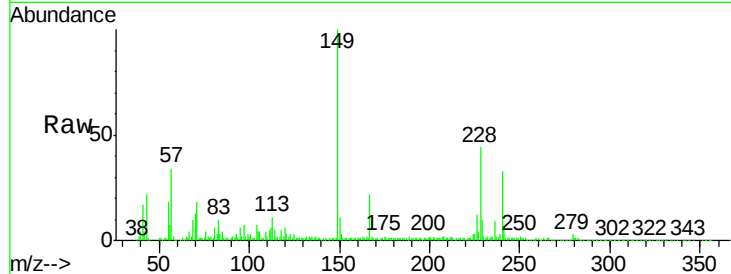
#81
Benzo(a)anthracene
Concen: 3.025 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF113271.D
Acq: 24 Mar 2019 16:45

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.4
229	22.9	16.0	24.0

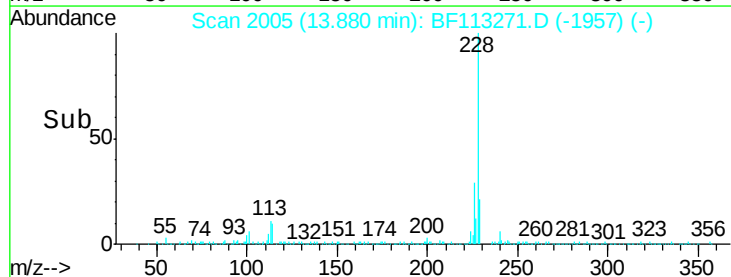
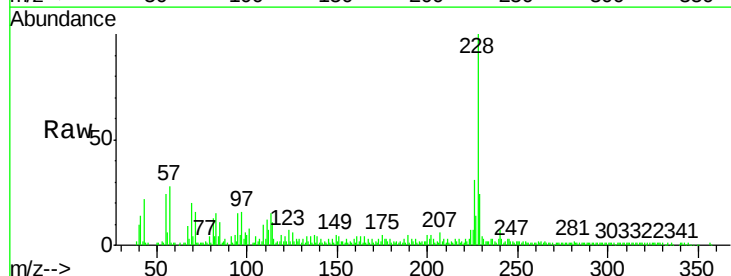
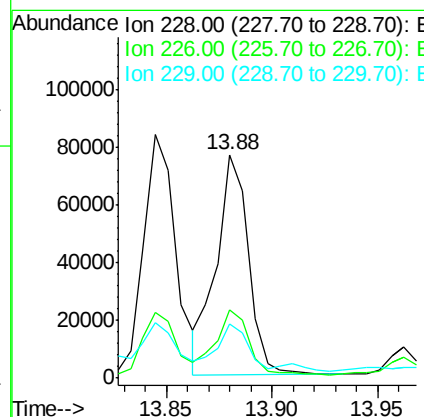
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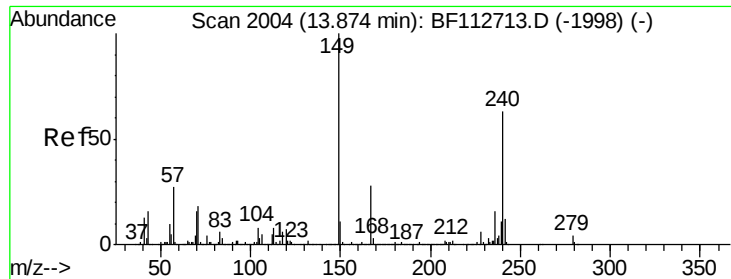
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#83
Chrysene
Concen: 2.872 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF113271.D
Acq: 24 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	24.2	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.376 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF113271.D

Acq: 24 Mar 2019 16:45

Instrument :

BNA_F

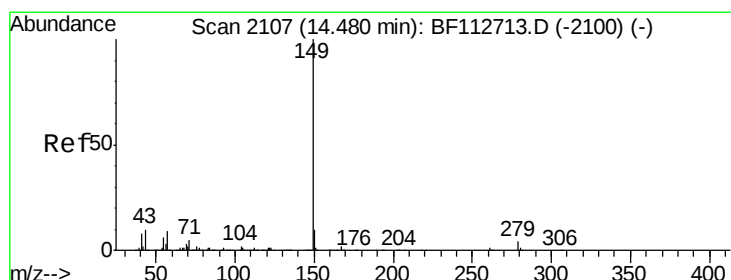
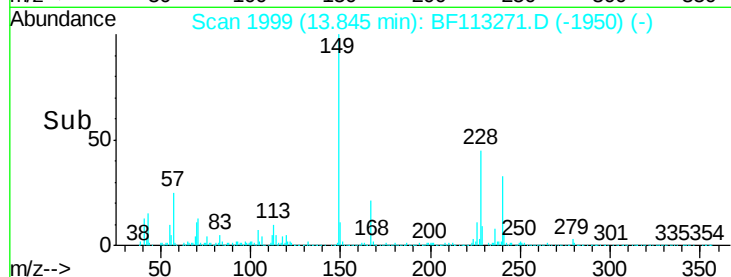
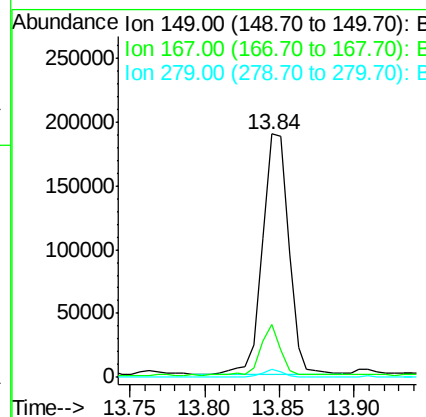
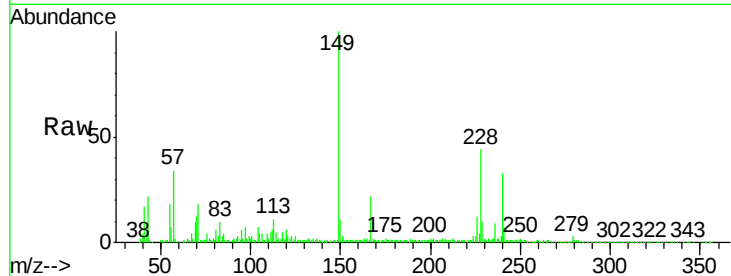
ClientSampleId :

FK-SF-01-005-B

Tot Ion:	149	Resp:	225441
Ion Ratio	Lower	Upper	
149	100		
167	21.6	22.4	33.6#
279	3.4	3.3	4.9

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#85

Di-n-octyl phthalate

Concen: 7.211 ng

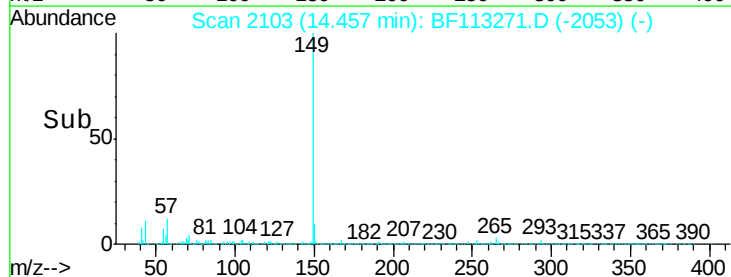
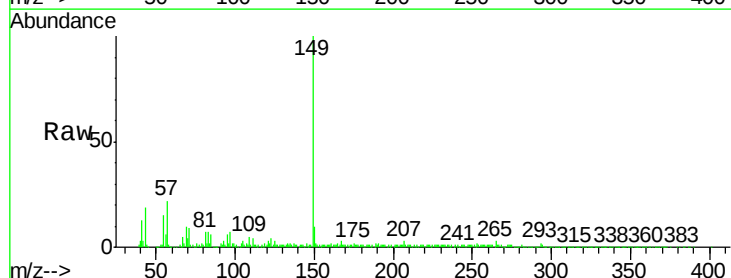
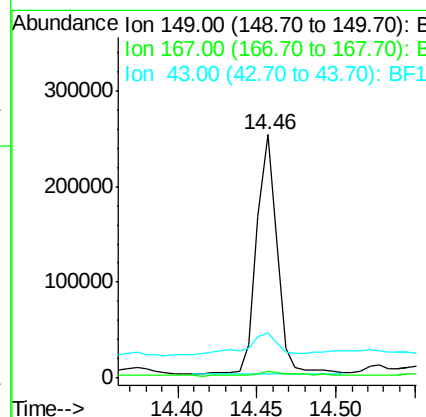
RT: 14.46 min Scan# 2103

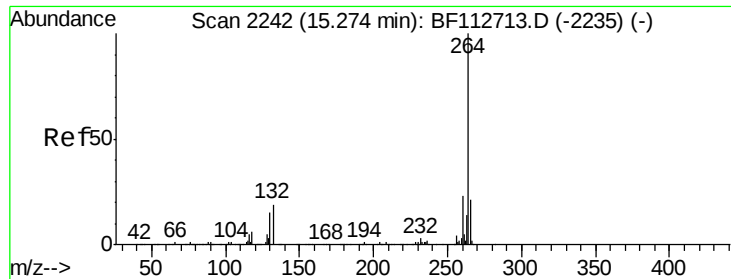
Delta R.T. -0.01 min

Lab File: BF113271.D

Acq: 24 Mar 2019 16:45

Tgt Ion:	149	Resp:	225562
Ion Ratio	Lower	Upper	
149	100		
167	3.2	1.2	1.8#
43	14.1	9.0	13.4#





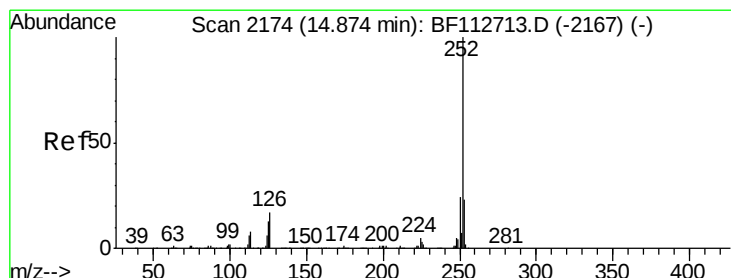
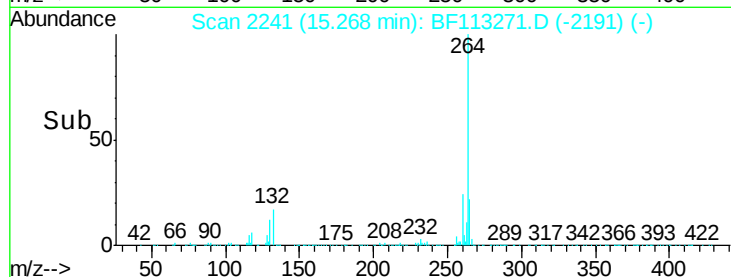
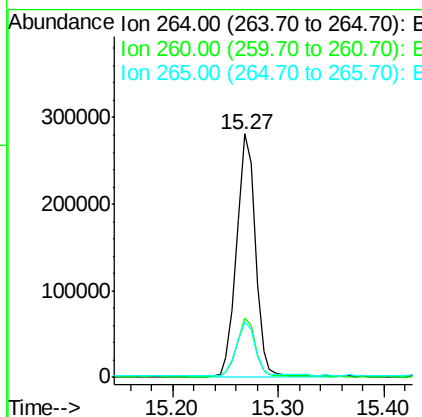
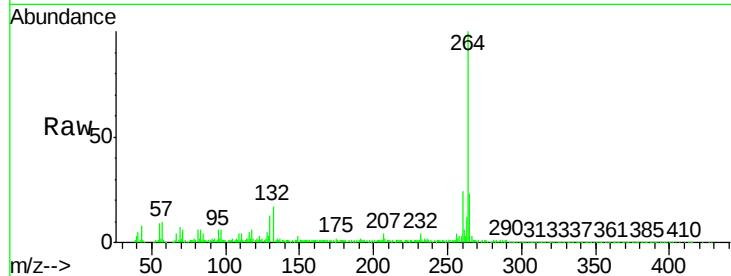
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113271.D
Acq: 24 Mar 2019 16:45

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.6	17.2	25.8

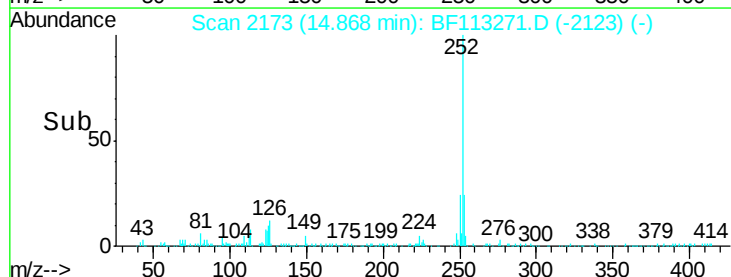
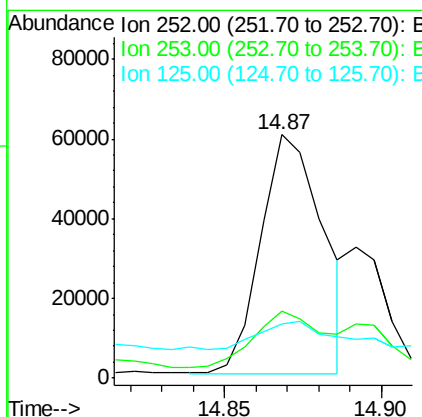
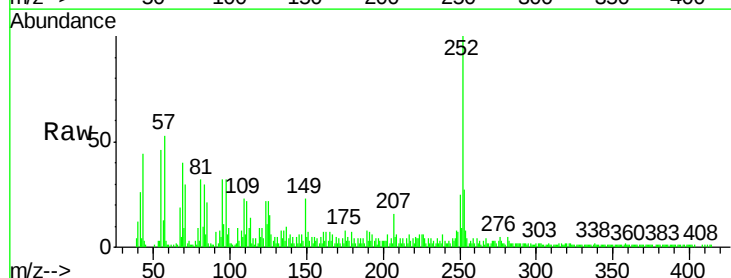
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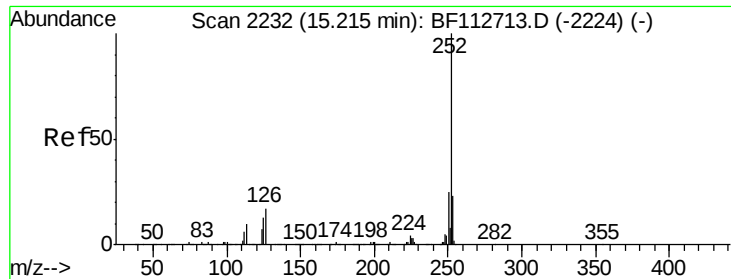
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#88
Benzo(b)fluoranthene
Concen: 3.780 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113271.D
Acq: 24 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.0	27.0#
125	22.1	10.2	15.2#





#90
 Benzo(a)pyrene
 Concen: 2.842 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF113271.D
 Acq: 24 Mar 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-005-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.0	27.0#
125	24.9	10.7	16.1#

Manual Integrations
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