

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113124.D
 Acq On : 19 Mar 2019 14:38
 Operator : JU/SJ
 Sample : K1697-09 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-031519-A

Manual Integrations
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Quant Time: Mar 19 16:49:38 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	6.72	152	146787	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	518662	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	242742	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	466913	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	315396	20.00	ng	0.00
87) Perylene-d12	15.27	264	335926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	106478	11.28	ng	-0.01
7) Phenol-d6	6.36	99	134741	11.37	ng	-0.01
23) Nitrobenzene-d5	7.27	82	80247	9.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	33295	12.92	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	148949	6.90	ng	-0.02
79) Terphenyl-d14	12.82	244	133289	8.19	ng	0.00
Target Compounds						
71) Phenanthrene	11.26	178	68488	2.948	ng	Qvalue 97
75) Fluoranthene	12.44	202	151102	6.071	ng	97
78) Pyrene	12.67	202	140103	5.269	ng	97
81) Benzo(a)anthracene	13.85	228	70289	3.216	ng	99
83) Chrysene	13.89	228	59697	2.788	ng	98
86) Indeno(1,2,3-cd)pyrene	16.63	276	36698	2.010	ng	# 92
88) Benzo(b)fluoranthene	14.87	252	80025m	3.683	ng	
90) Benzo(a)pyrene	15.21	252	64114	3.336	ng	96
92) Benzo(g,h,i)perylene	17.04	276	38966	2.366	ng	97

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

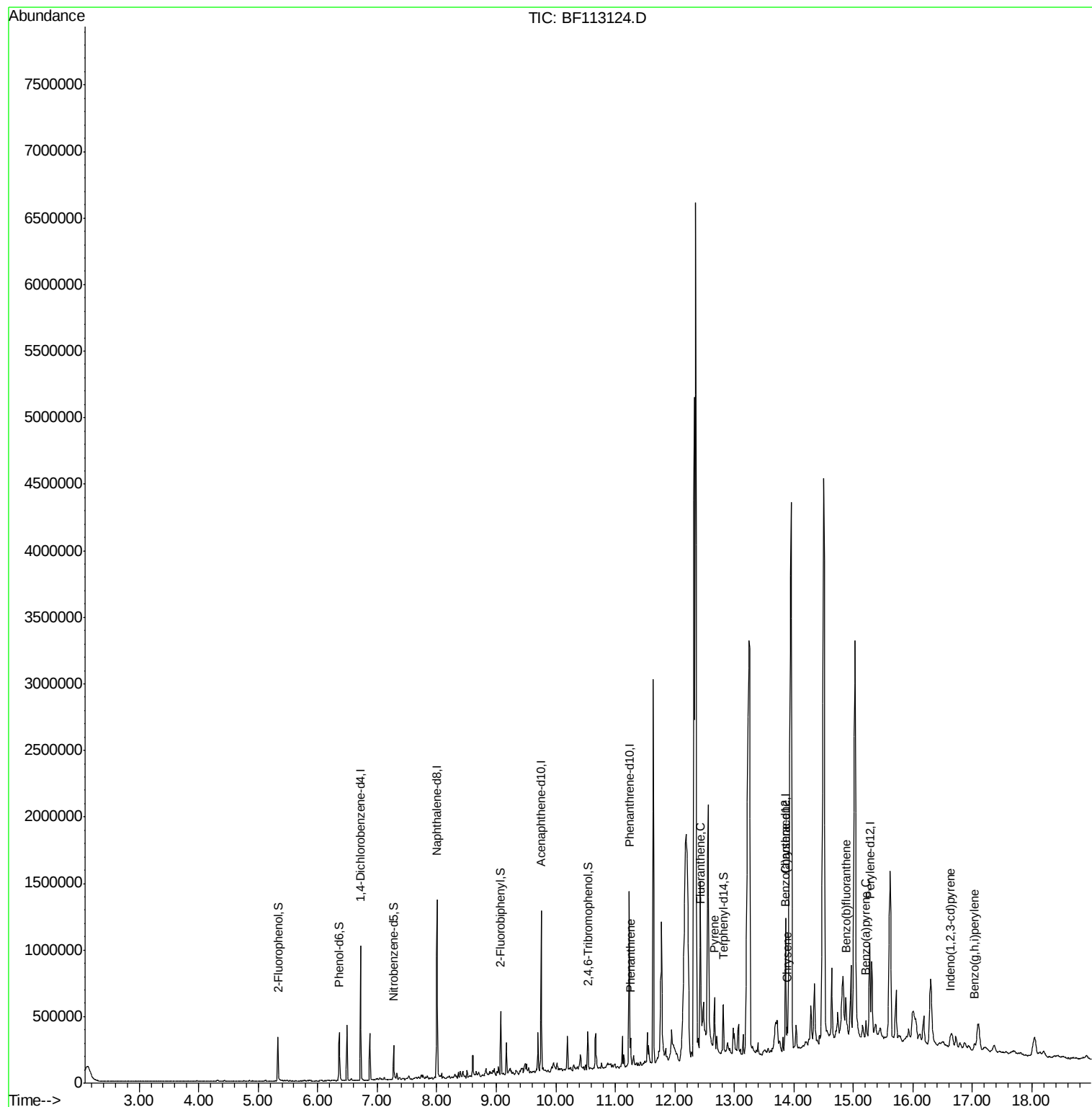
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113124.D
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#1

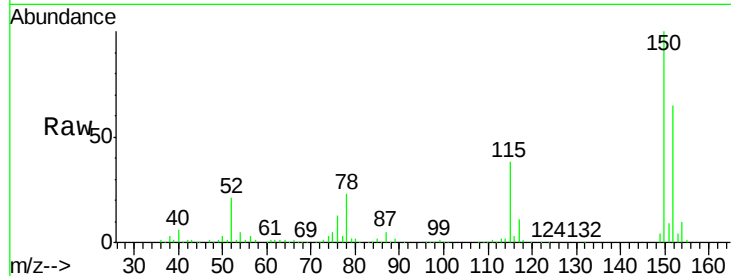
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :
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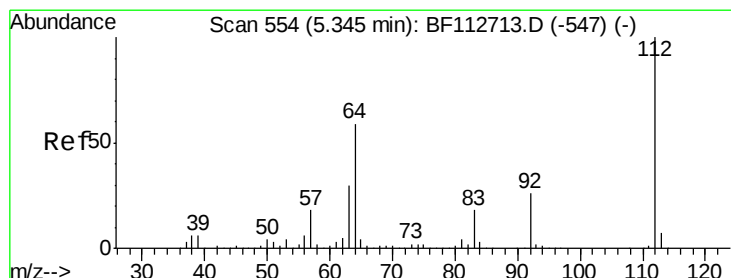
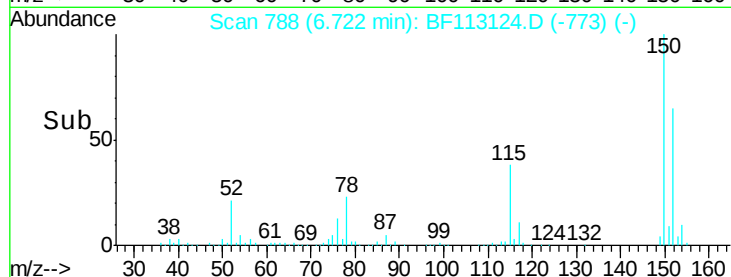
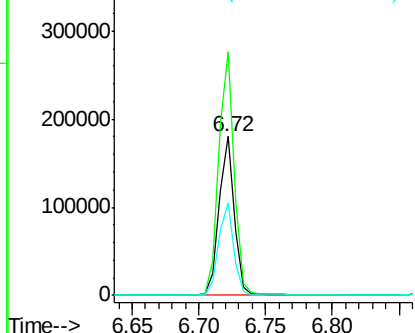
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.2	186.2
115	57.9	48.2	72.4

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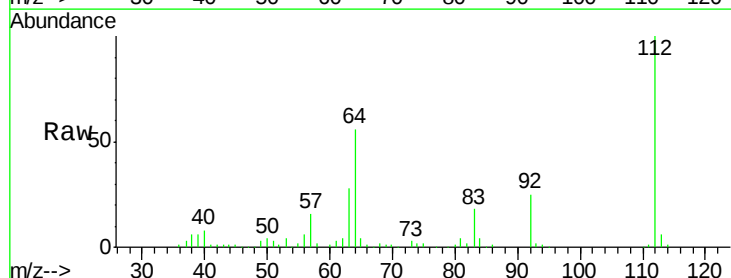
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



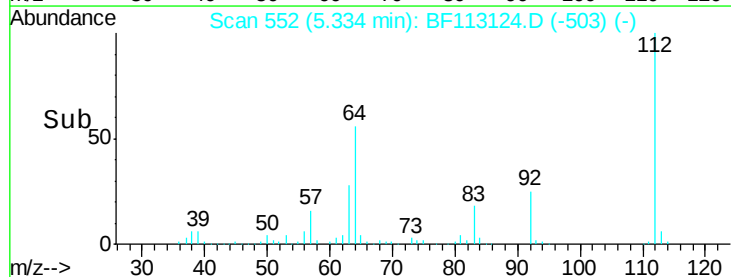
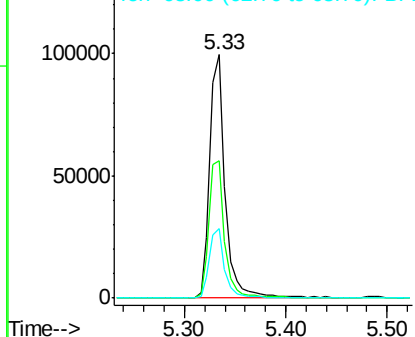
#5

2-Fluorophenol
Concen: 11.284 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.6	71.4
63	28.4	24.4	36.6



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: 11.367 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113124.D

Acq: 19 Mar 2019 14:38

Instrument :

BNA_F

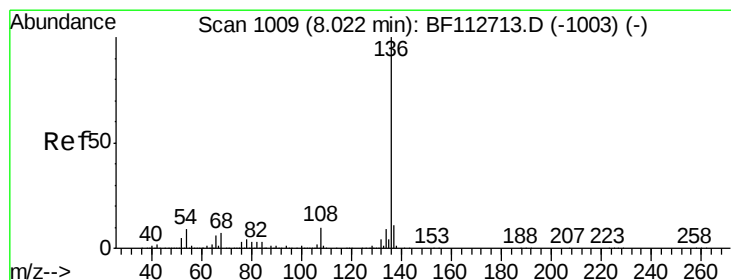
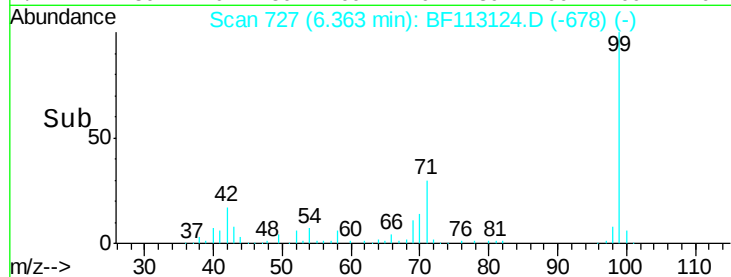
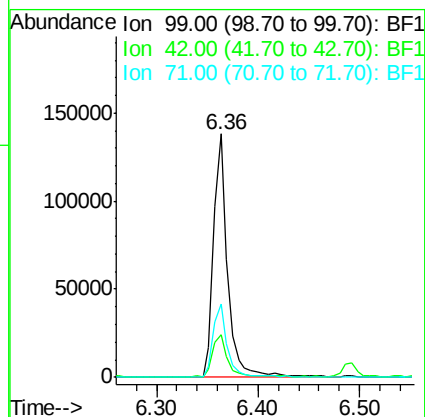
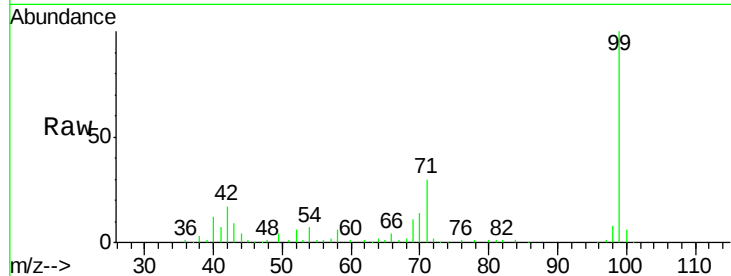
ClientSampleId :

SU-01-031519-A

Tgt Ion:	99	Resp:	134741
Ion Ratio	Lower	Upper	
99	100		
42	17.4	16.3	24.5
71	30.4	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

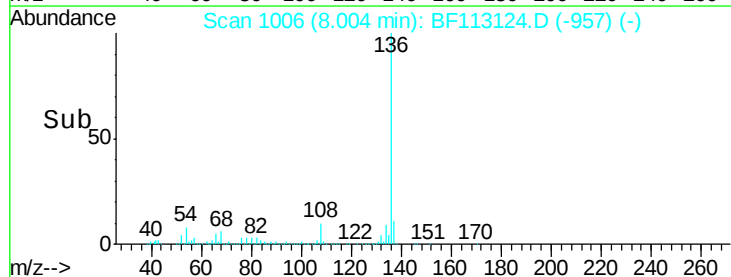
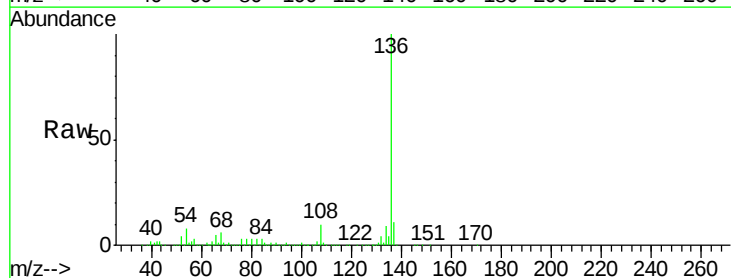
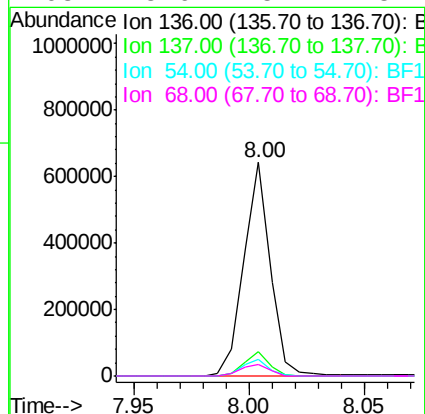
RT: 8.00 min Scan# 1006

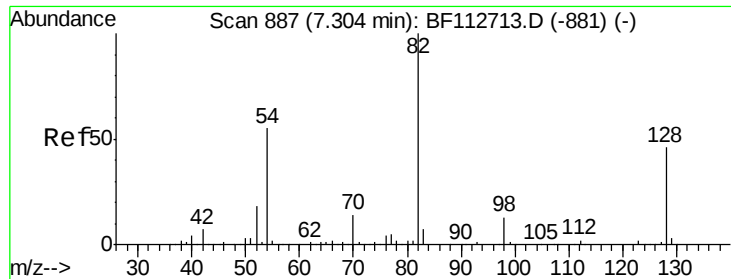
Delta R.T. -0.01 min

Lab File: BF113124.D

Acq: 19 Mar 2019 14:38

Tgt Ion:	136	Resp:	518662
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.7	7.3	10.9
68	5.6	5.4	8.2





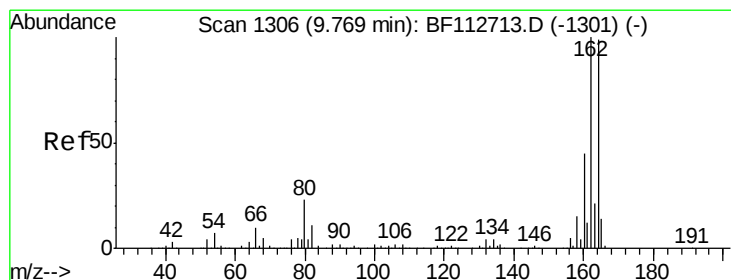
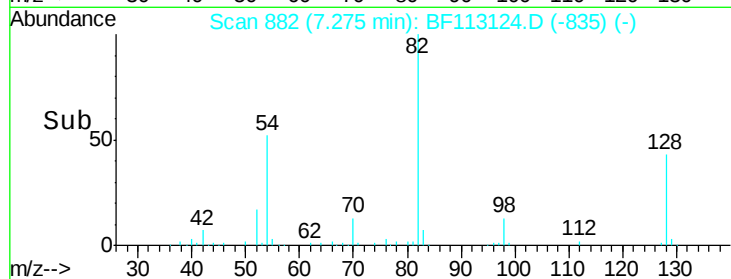
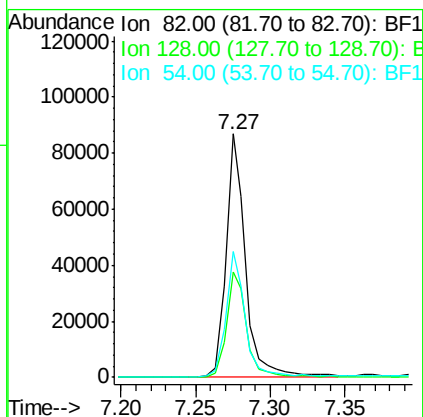
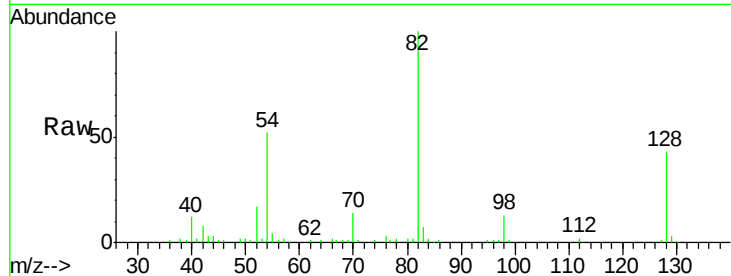
#23
Nitrobenzene-d5
Concen: 9.258 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.3	54.5
54	51.6	43.7	65.5

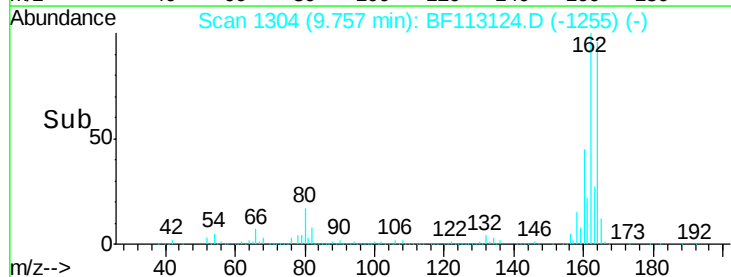
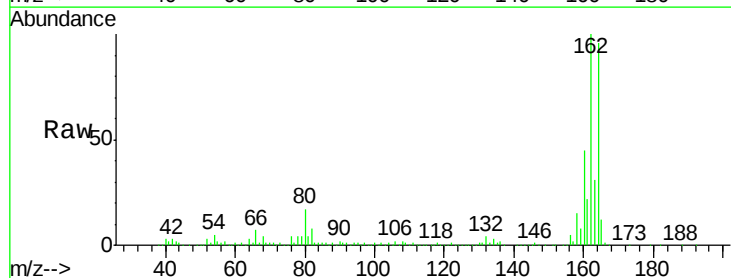
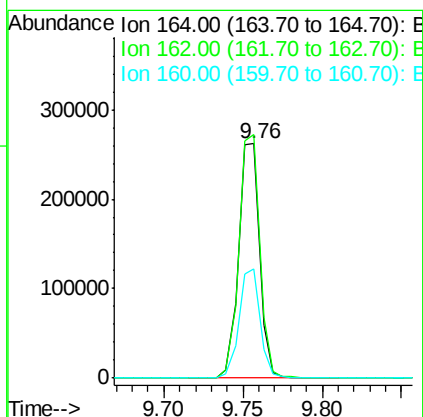
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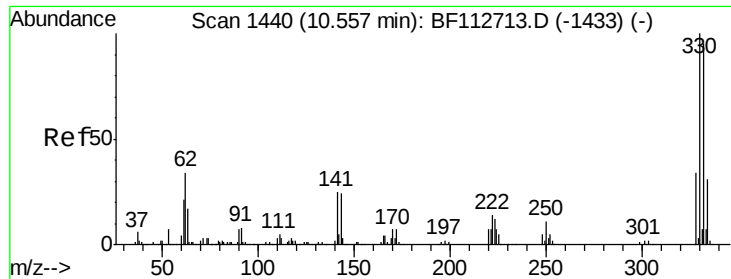
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.6	120.8
160	46.8	36.0	54.0





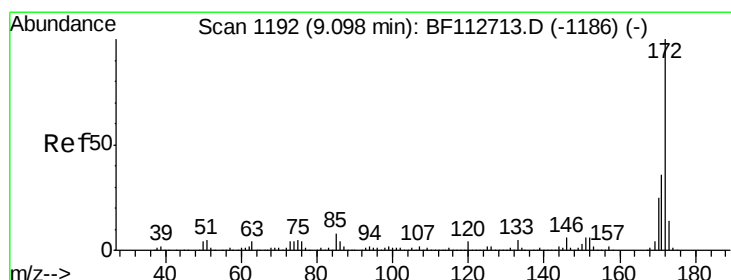
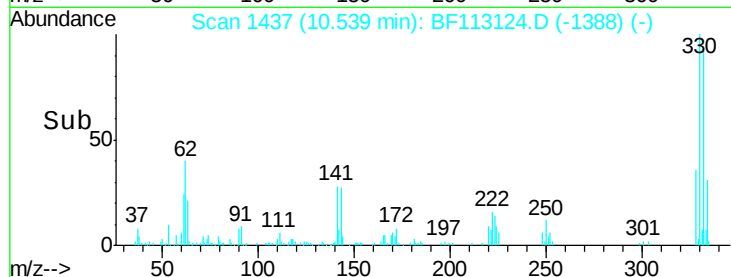
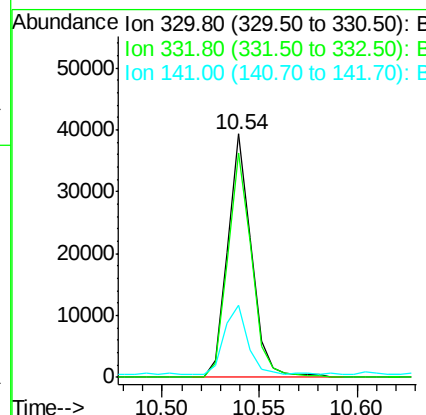
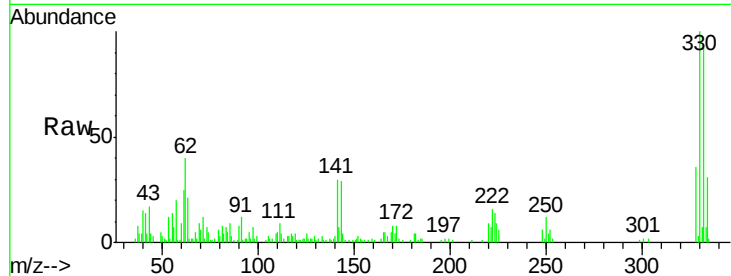
#42
 2,4,6-Tribromophenol
 Concen: 12.920 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113124.D
 Acq: 19 Mar 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-031519-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	33295		
332	92.8	76.2	114.4	
141	28.4	27.0	40.6	

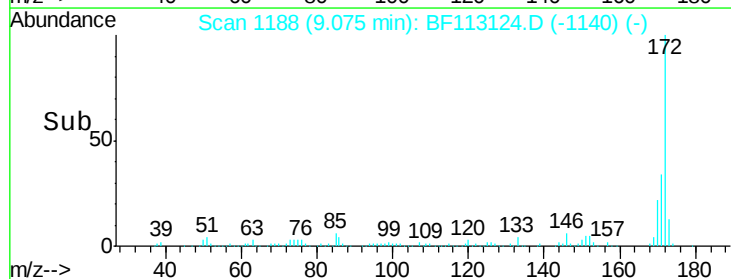
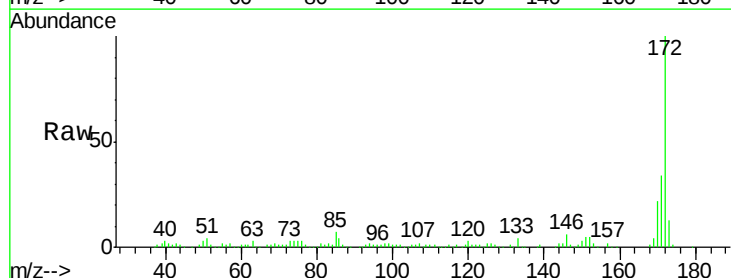
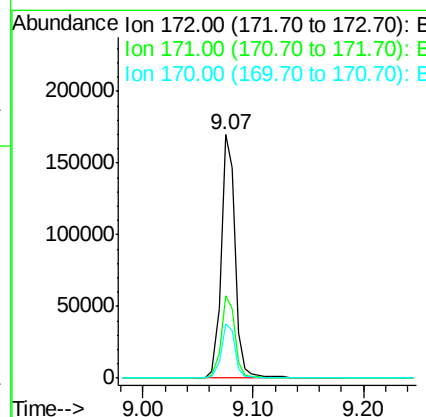
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#45
 2-Fluorobiphenyl
 Concen: 6.904 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113124.D
 Acq: 19 Mar 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	148949		
171	33.6	29.0	43.4	
170	22.4	20.0	30.0	





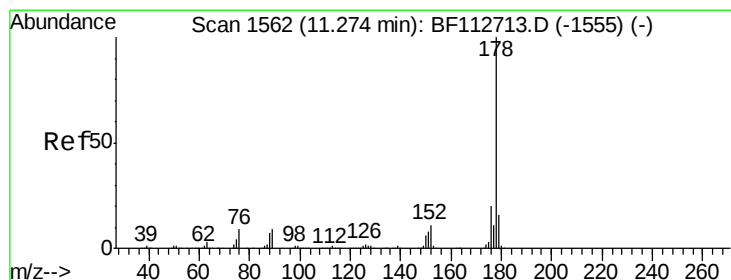
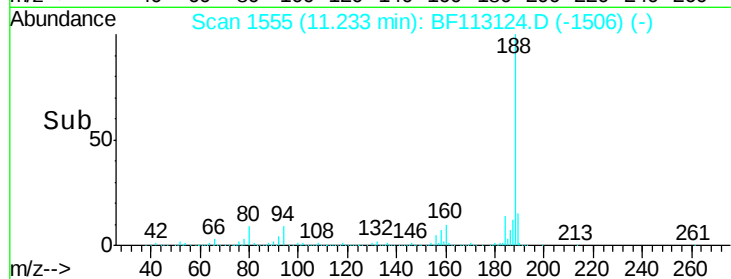
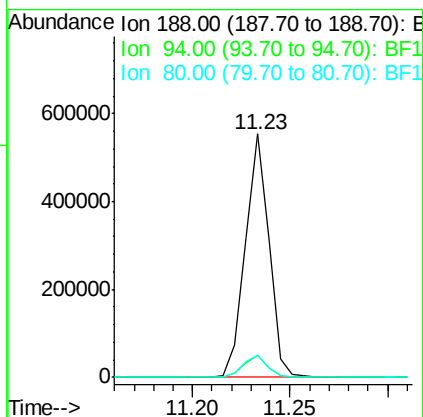
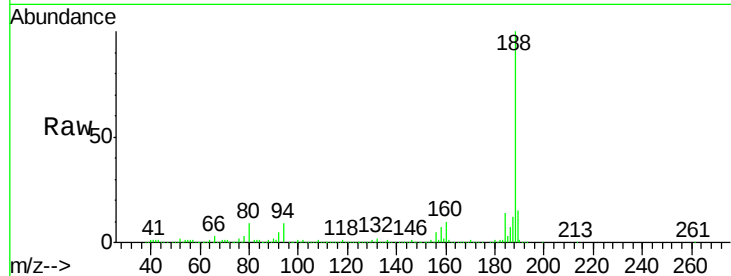
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	9.0	13.4
80	9.1	9.2	13.8#

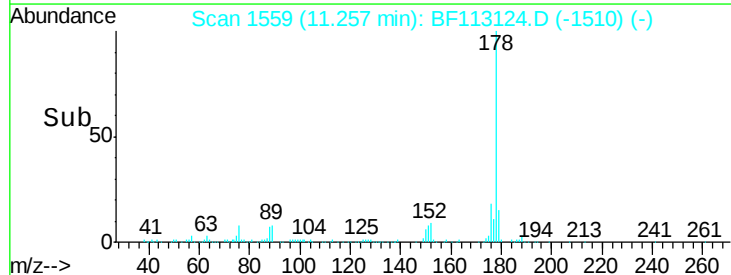
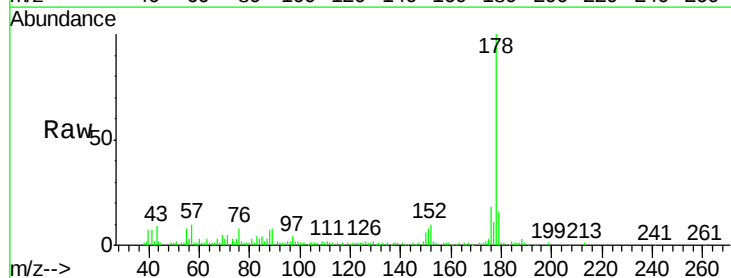
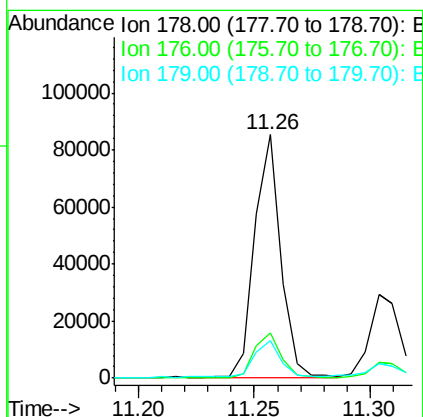
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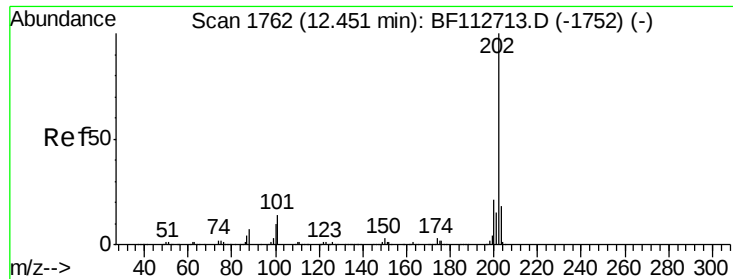
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#71
Phenanthrene
Concen: 2.948 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.4	16.3	24.5
179	15.6	12.7	19.1





#75

Fluoranthene

Concen: 6.071 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113124.D

Acq: 19 Mar 2019 14:38

Instrument :

BNA_F

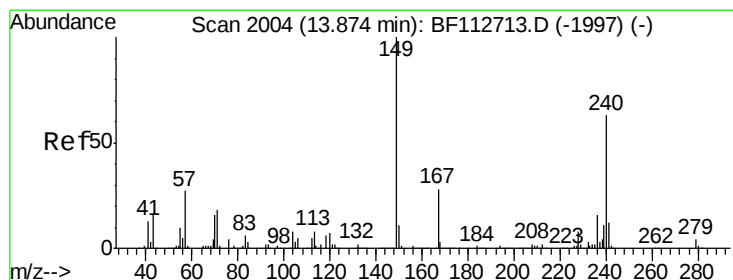
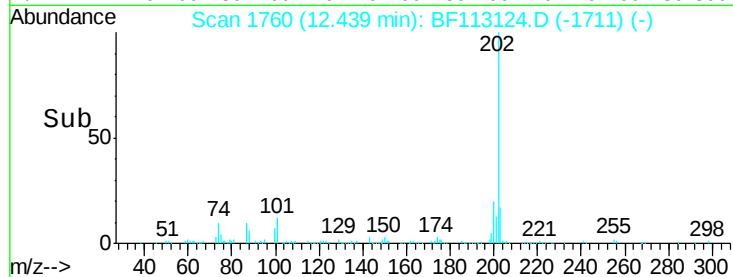
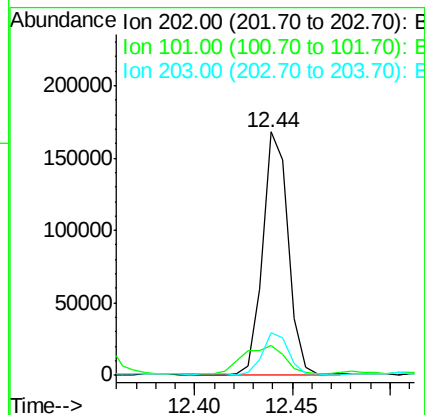
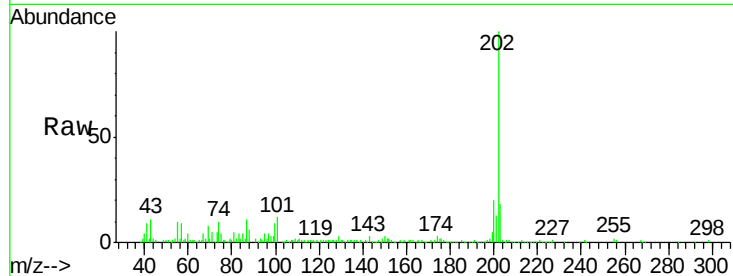
ClientSampleId :

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Tgt Ion:	202	Resp:	151102
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.8
203	17.5	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

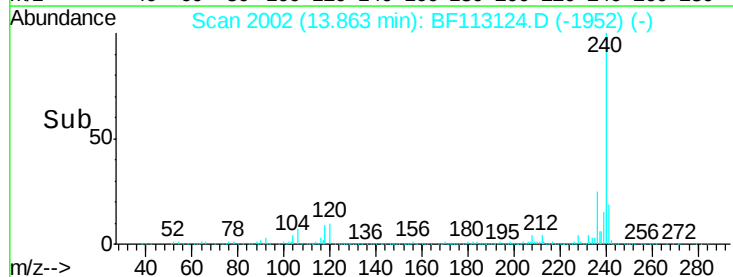
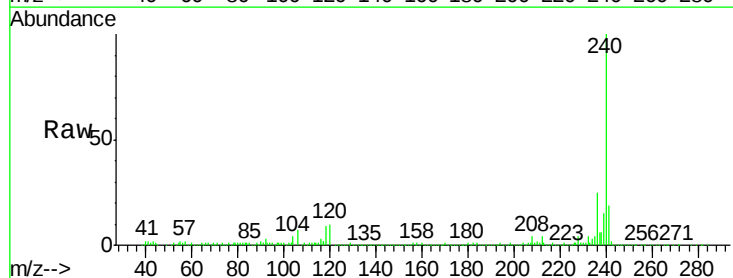
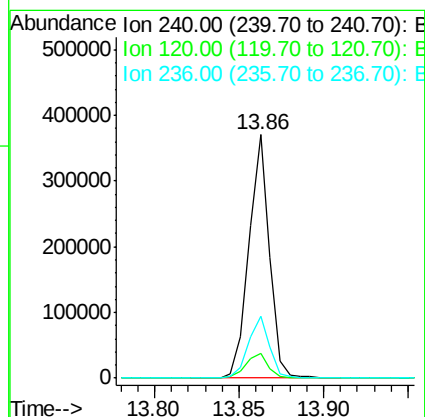
RT: 13.86 min Scan# 2002

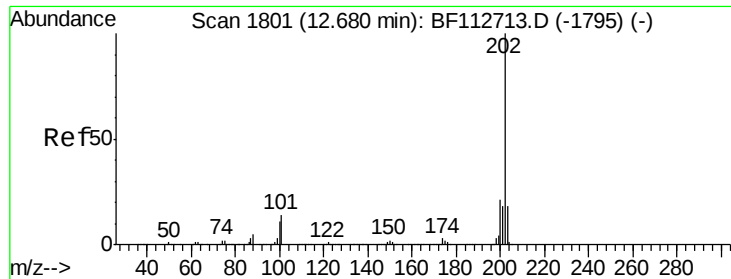
Delta R.T. -0.01 min

Lab File: BF113124.D

Acq: 19 Mar 2019 14:38

Tgt Ion:	240	Resp:	315396
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.9	13.3
236	25.4	20.7	31.1





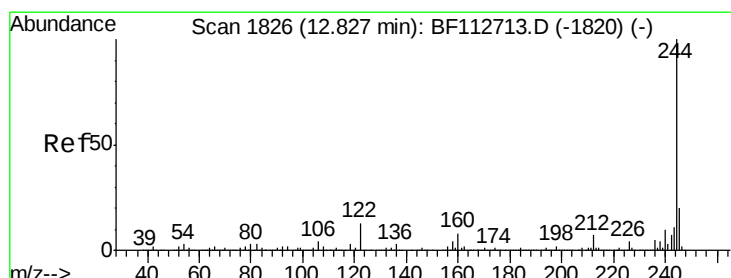
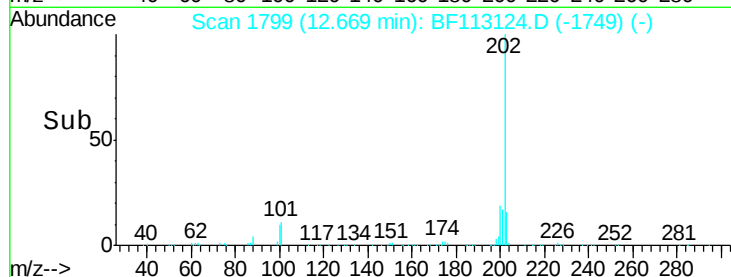
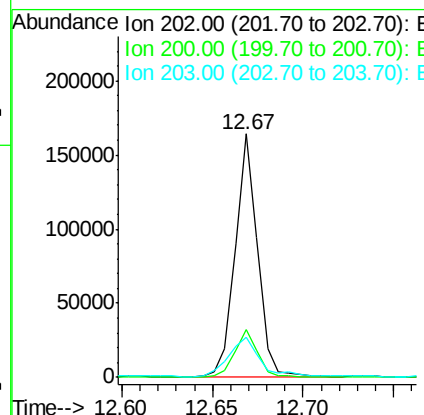
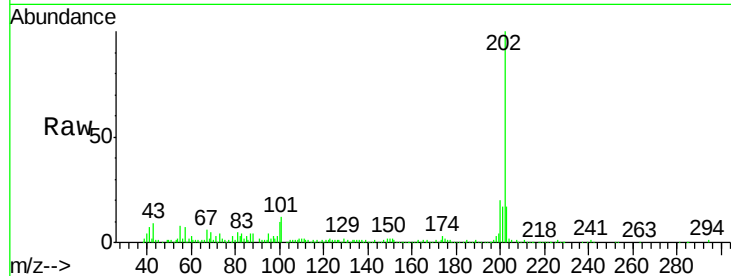
#78
 Pyrene
 Concen: 5.269 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF113124.D
 Acq: 19 Mar 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-031519-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.6	17.0	25.4
203	16.7	14.4	21.6

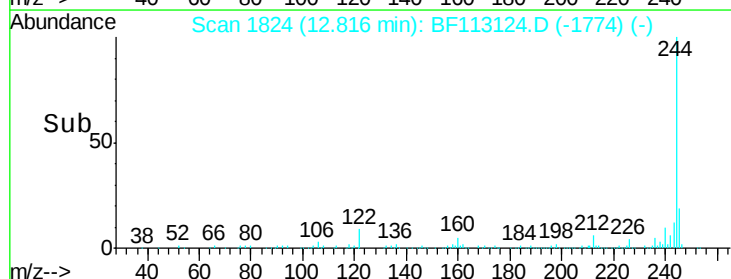
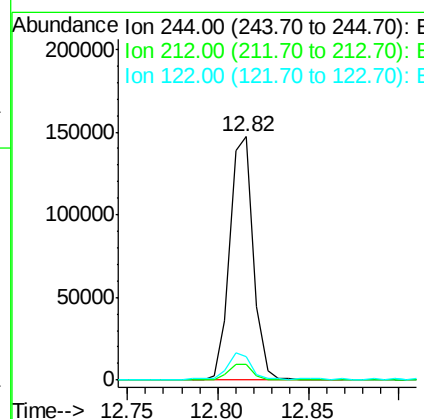
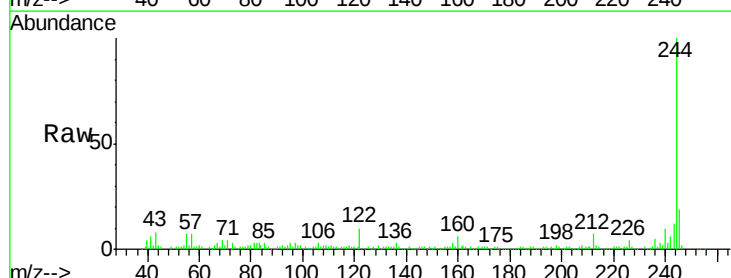
Manual Integrations
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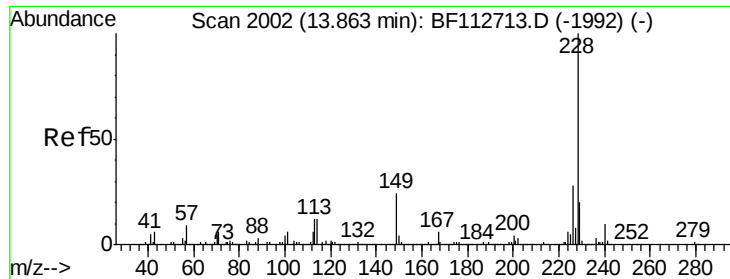
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#79
 Terphenyl-d14
 Concen: 8.192 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113124.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	5.6	8.4
122	9.7	10.5	15.7#





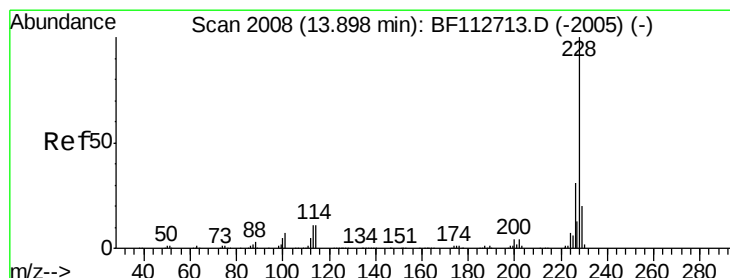
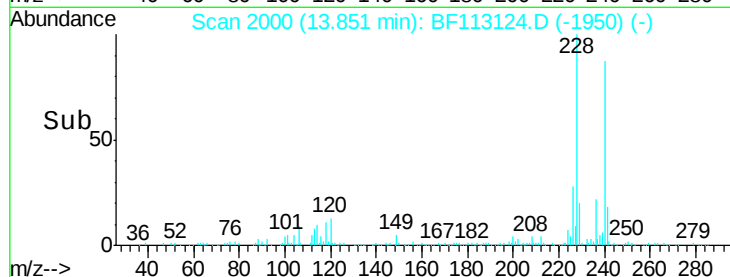
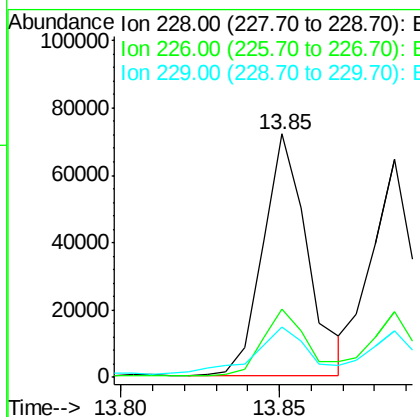
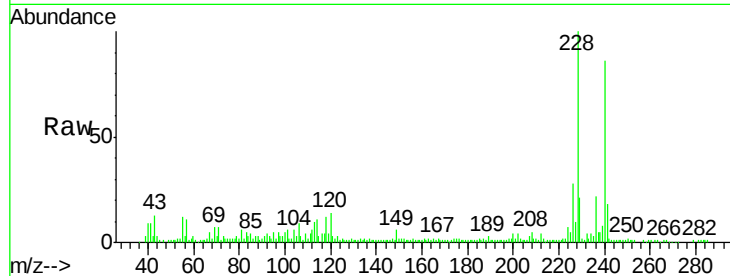
#81
Benzo(a)anthracene
Concen: 3.216 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.2	33.4
229	20.7	16.0	24.0

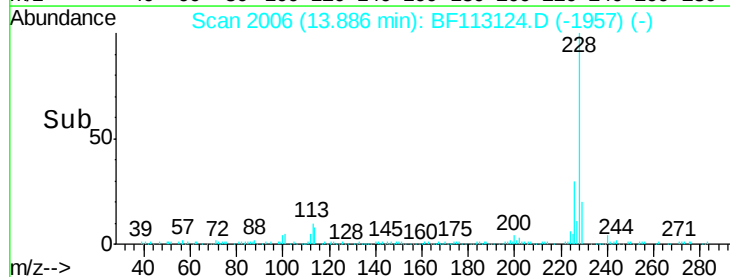
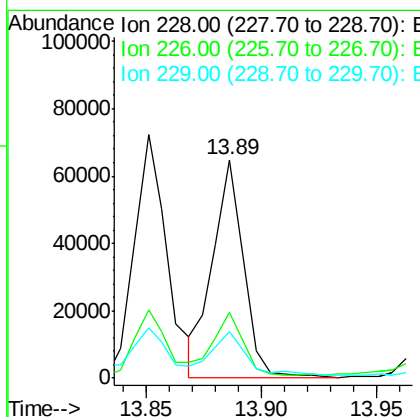
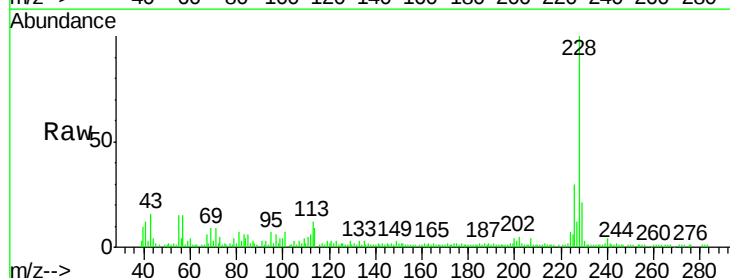
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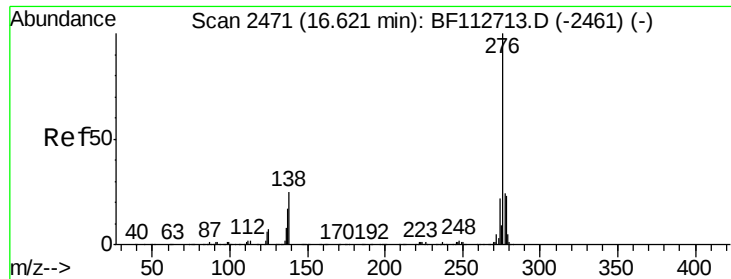
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#83
Chrysene
Concen: 2.788 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	24.9	37.3
229	21.5	16.3	24.5





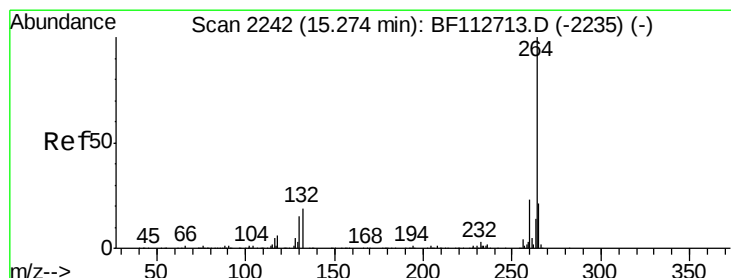
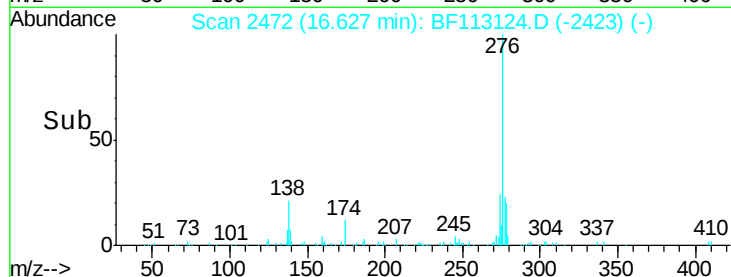
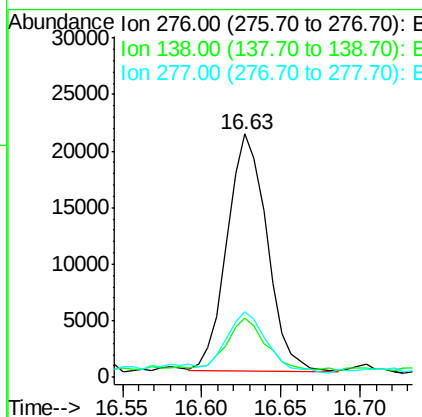
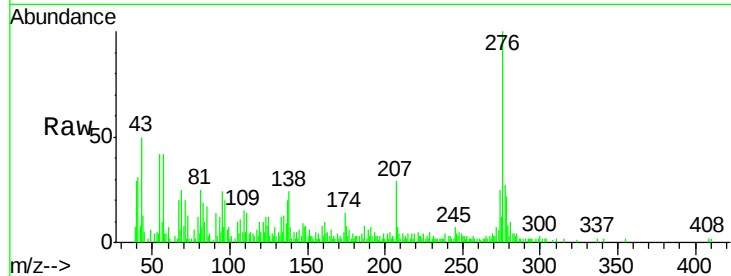
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.010 ng
 RT: 16.63 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BF113124.D
 Acq: 19 Mar 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-031519-A

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	23.2	34.8#
277	25.6	19.9	29.9

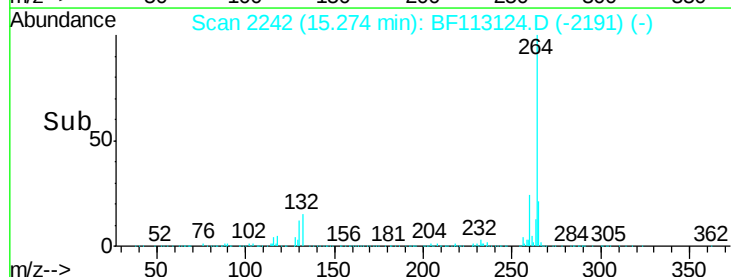
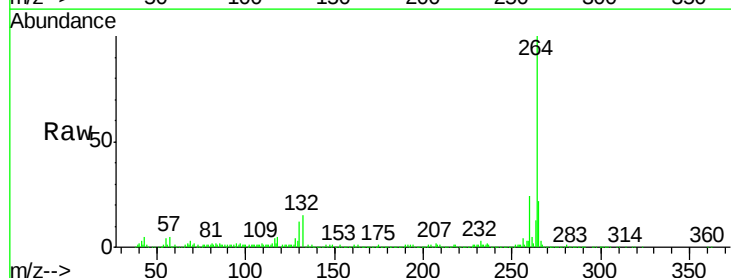
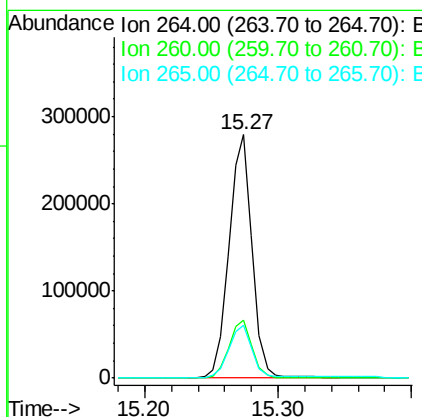
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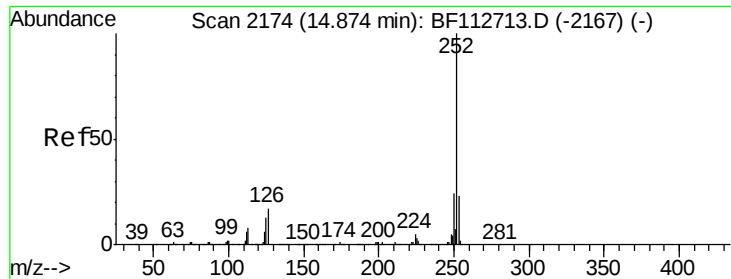
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113124.D
 Acq: 19 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.6	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 3.683 ng m

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF113124.D

Acq: 19 Mar 2019 14:38

Instrument :

BNA_F

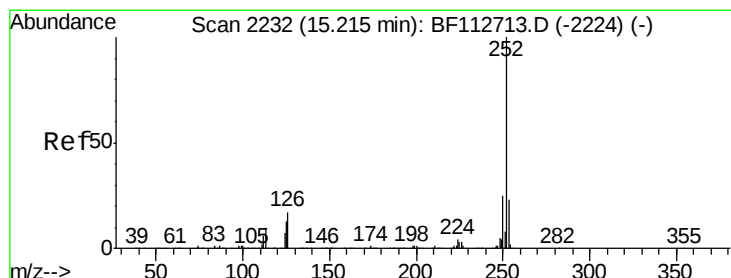
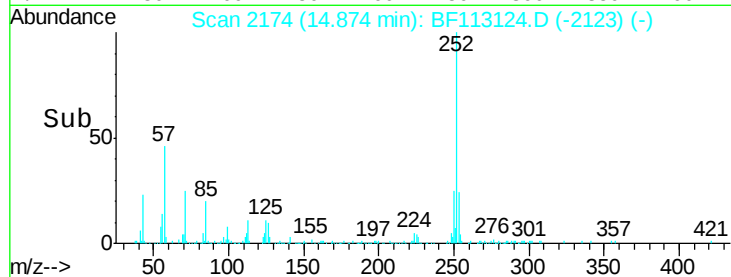
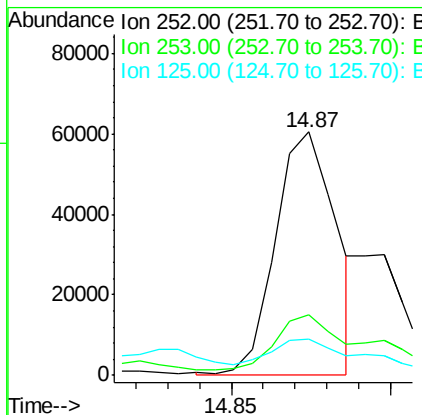
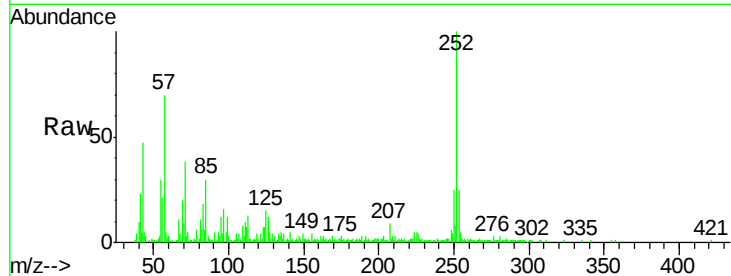
ClientSampleId :

SU-01-031519-A

Tgt Ion:	252	Resp:	80025
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.0	27.0
125	14.9	10.2	15.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 3.336 ng

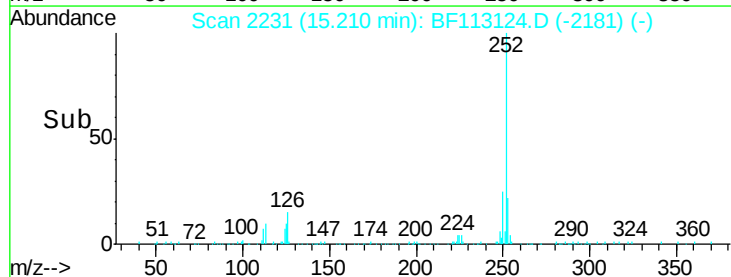
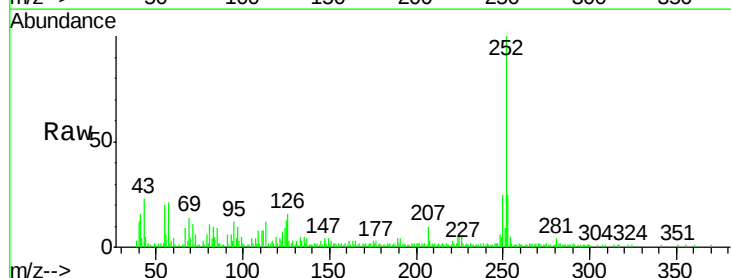
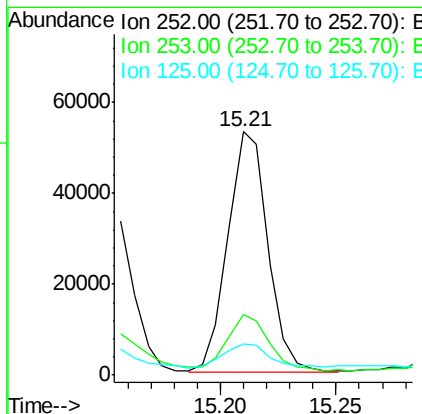
RT: 15.21 min Scan# 2231

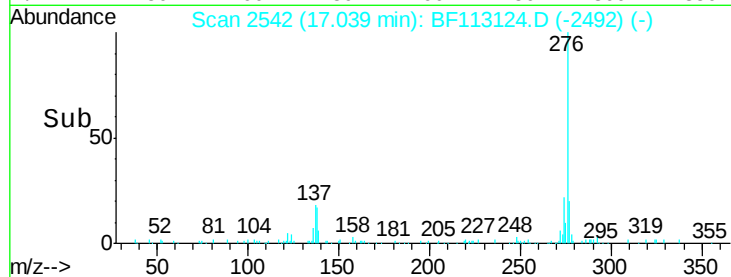
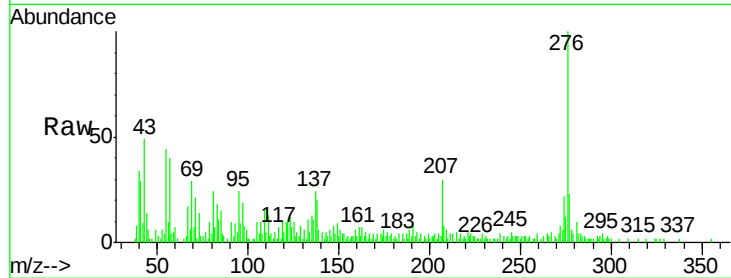
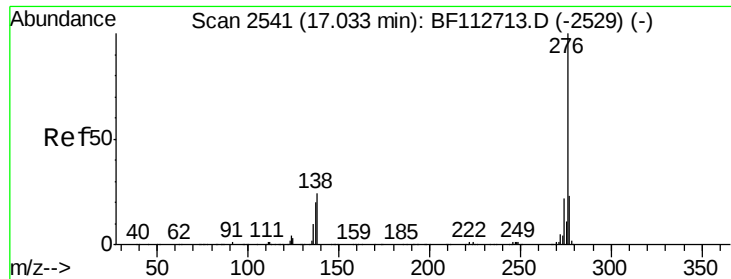
Delta R.T. -0.01 min

Lab File: BF113124.D

Acq: 19 Mar 2019 14:38

Tgt Ion:	252	Resp:	64114
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.0	27.0
125	13.0	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.366 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF113124.D
Acq: 19 Mar 2019 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.8	18.6	27.8
138	26.6	19.4	29.0

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Manual Integrations
APPROVED

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3/20/2019 6:51:19 PM

