

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114142.D
 Acq On : 11 May 2019 00:59
 Operator : JU/SJ
 Sample : K2647-05 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-050919-A

Manual Integrations
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Sohil
 5/13/2019 8:34:33 PM

Quant Time: May 11 04:57:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	282833	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1023530	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	430492	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	828382	20.00	ng	0.00
76) Chrysene-d12	14.01	240	586540	20.00	ng	-0.01
87) Perylene-d12	15.47	264	517203	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	443444	25.23	ng	0.00
7) Phenol-d6	6.49	99	580323	27.92	ng	0.00
23) Nitrobenzene-d5	7.41	82	292390	16.03	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	106893	24.02	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	541221	19.02	ng	0.00
79) Terphenyl-d14	12.95	244	571445	20.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	83419	2.640	ng	99
58) Fluorene	10.43	166	64744	2.188	ng	98
71) Phenanthrene	11.40	178	462996	11.488	ng	97
72) Anthracene	11.45	178	140307	3.466	ng	95
75) Fluoranthene	12.59	202	622814	14.351	ng	99
78) Pyrene	12.82	202	579437	12.280	ng	98
81) Benzo(a)anthracene	14.00	228	251733	6.636	ng	97
83) Chrysene	14.03	228	223772	6.017	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	98079	2.984	ng	97
88) Benzo(b)fluoranthene	15.04	252	269870m	8.145	ng	
89) Benzo(k)fluoranthene	15.07	252	62361m	2.049	ng	
90) Benzo(a)pyrene	15.41	252	171944	5.896	ng	# 90
92) Benzo(g,h,i)perylene	17.37	276	94724	3.901	ng	# 92

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

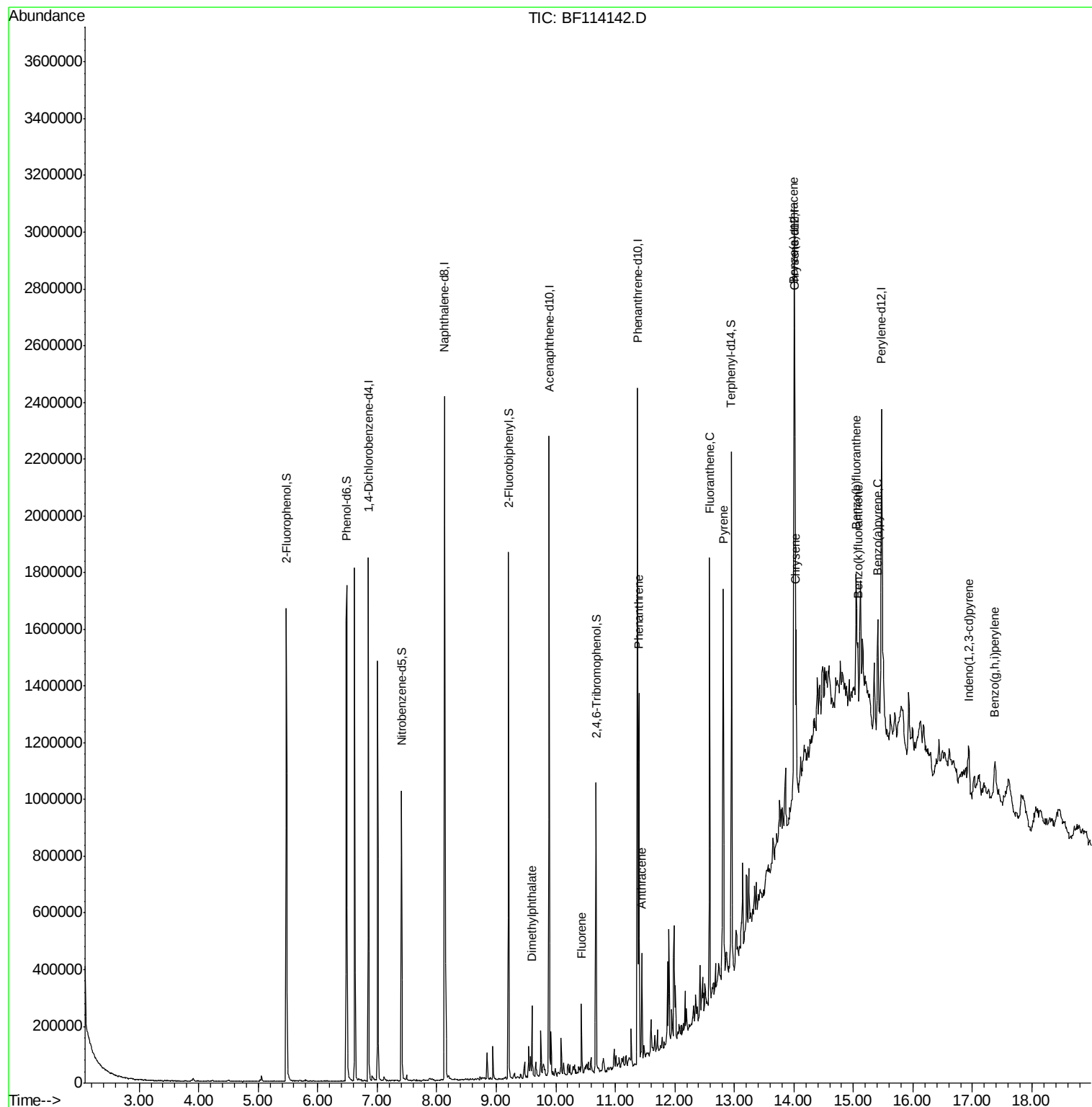
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
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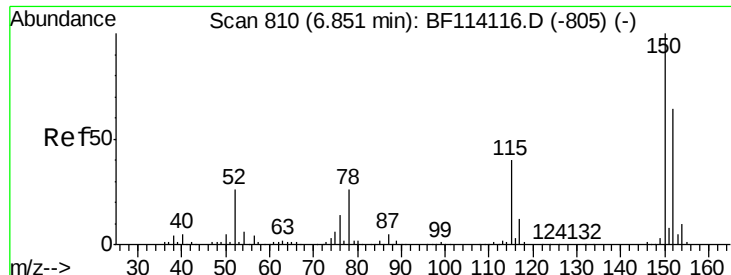
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#1

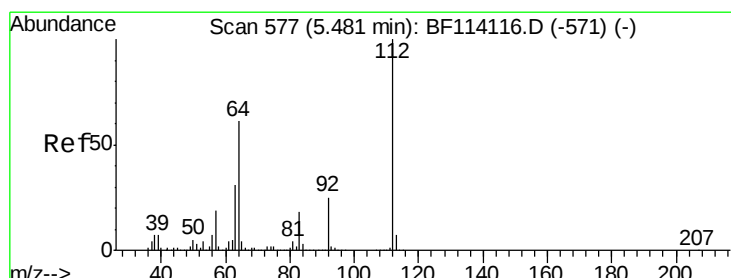
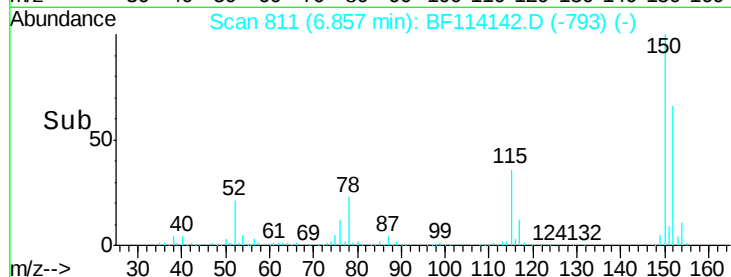
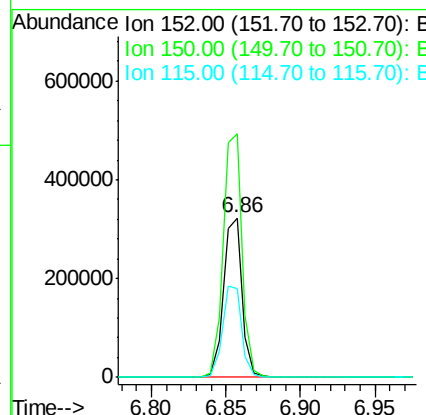
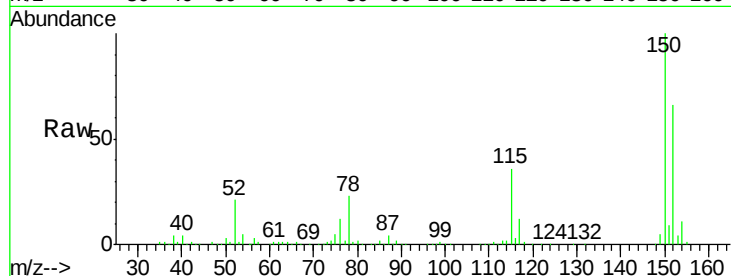
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SU-02-050919-A

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	282833		
150	152.6	124.3	186.5	
115	55.5	49.1	73.7	

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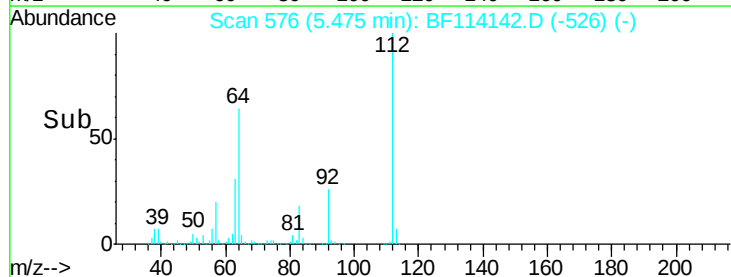
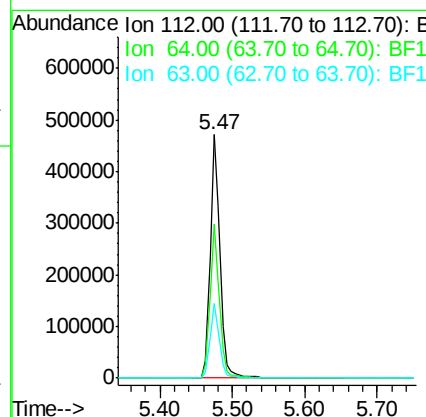
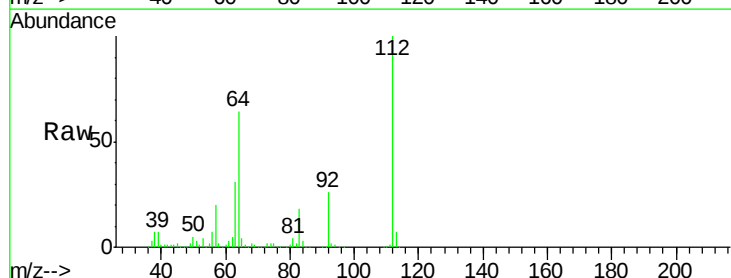
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#5

2-Fluorophenol
Concen: 25.231 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	443444		
64	63.5	49.0	73.6	
63	30.7	24.6	37.0	





#7

Phenol-d6

Concen: 27.918 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Instrument :

BNA_F

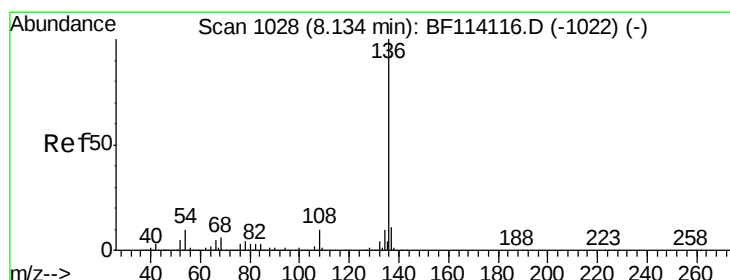
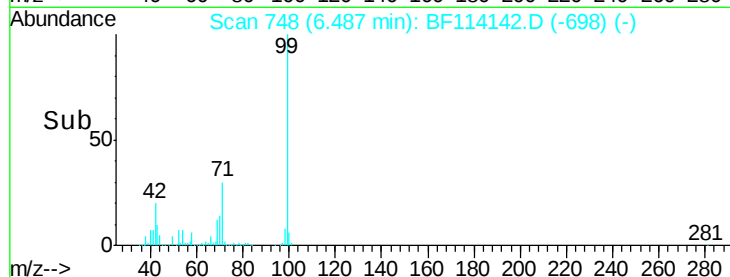
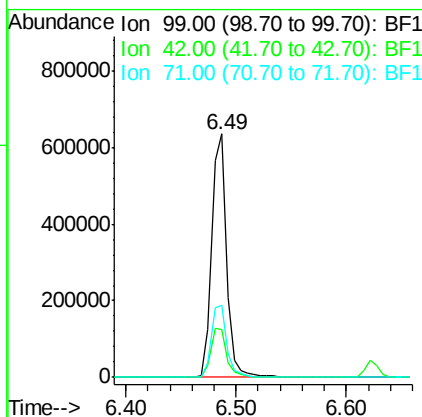
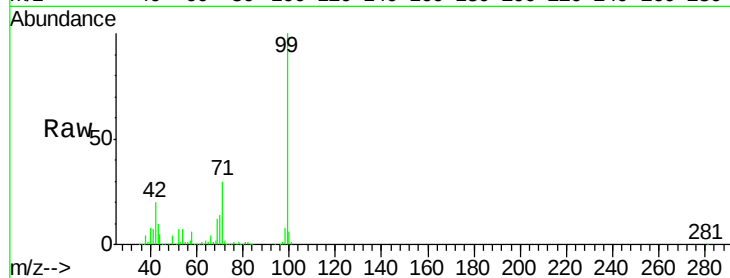
ClientSampleId :

SU-02-050919-A

Tgt Ion:	99	Resp:	580323
Ion Ratio	Lower	Upper	
99	100		
42	19.7	17.9	26.9
71	29.7	26.2	39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

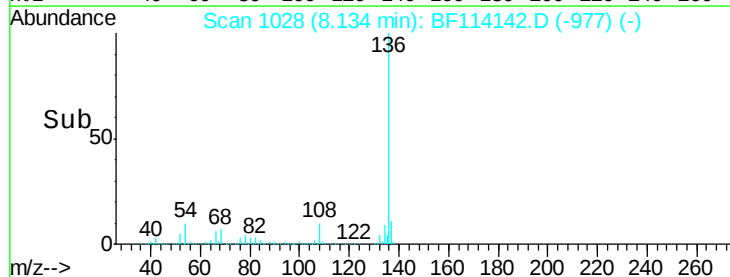
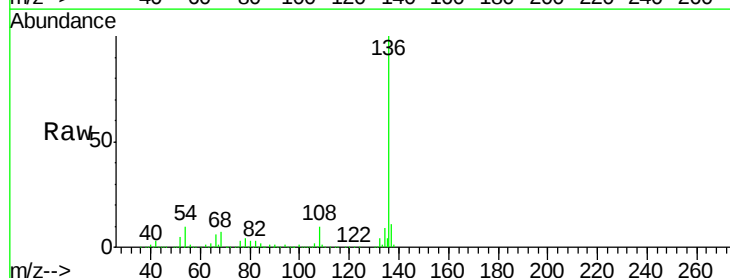
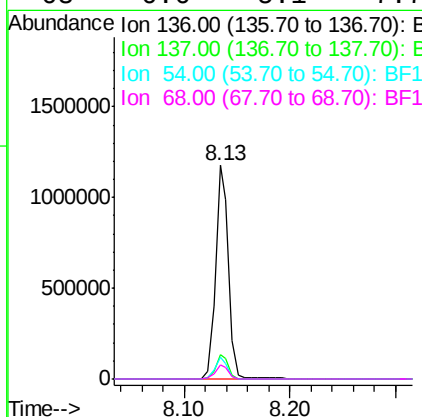
RT: 8.13 min Scan# 1028

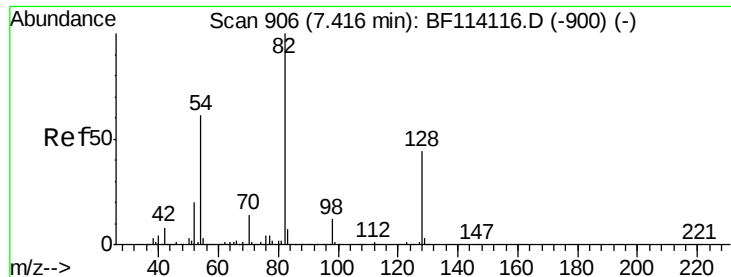
Delta R.T. -0.00 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Tgt Ion:	136	Resp:	1023530
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	10.2	7.8	11.8
68	6.6	5.1	7.7





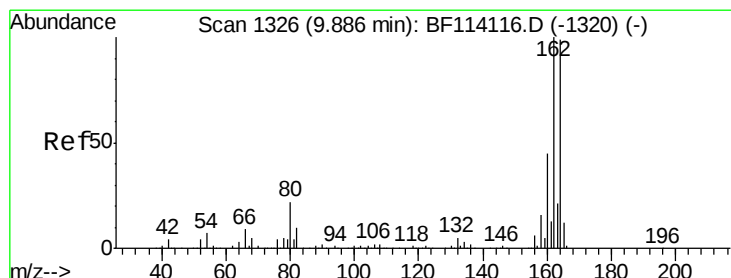
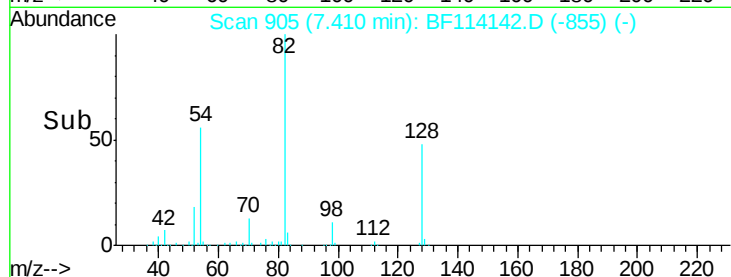
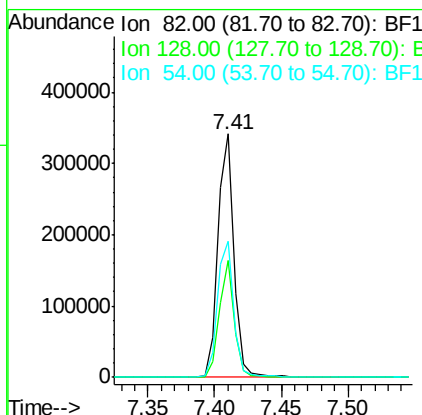
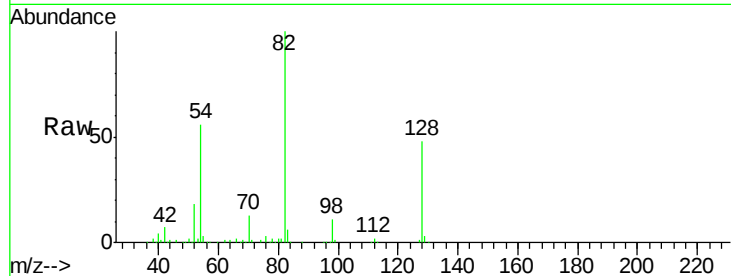
#23
 Nitrobenzene-d5
 Concen: 16.032 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114142.D
 Acq: 11 May 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-050919-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	48.0	35.5	53.3
54	56.0	48.5	72.7

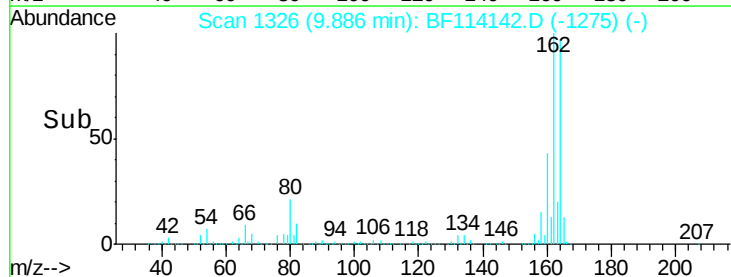
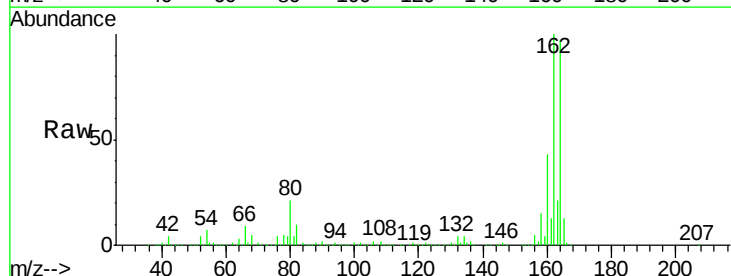
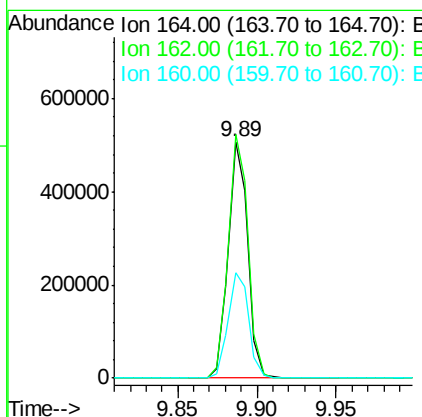
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114142.D
 Acq: 11 May 2019 00:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.1	80.6	120.8
160	44.7	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 24.018 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Instrument :

BNA_F

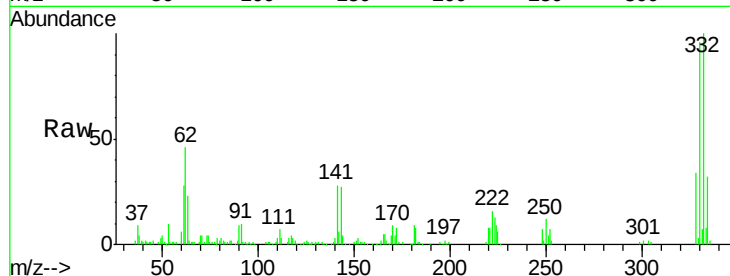
ClientSampleId :

SU-02-050919-A

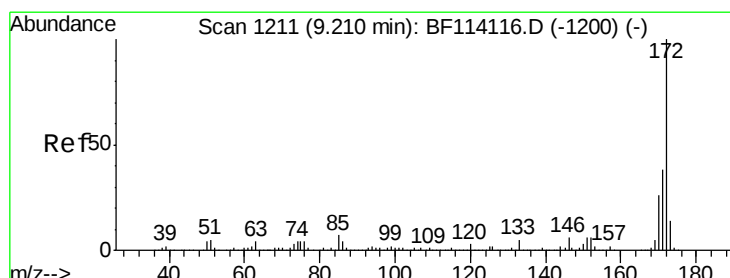
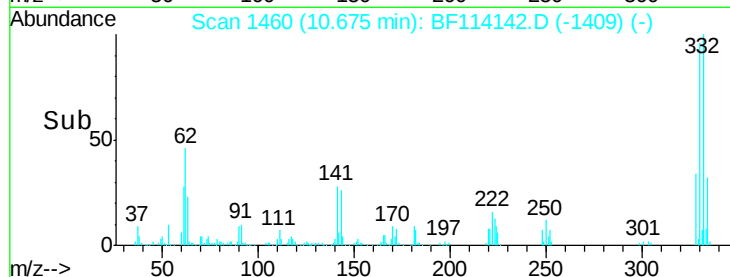
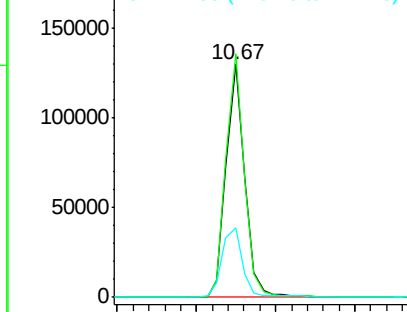
Tgt Ion:	330	Resp:	106893
Ion Ratio	Lower	Upper	
330	100		
332	102.7	81.4	122.2
141	33.8	26.6	40.0

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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: 19.017 ng

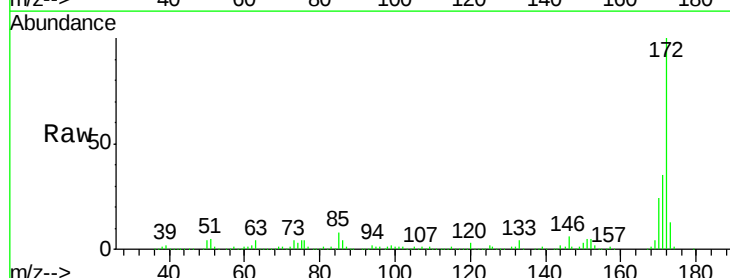
RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

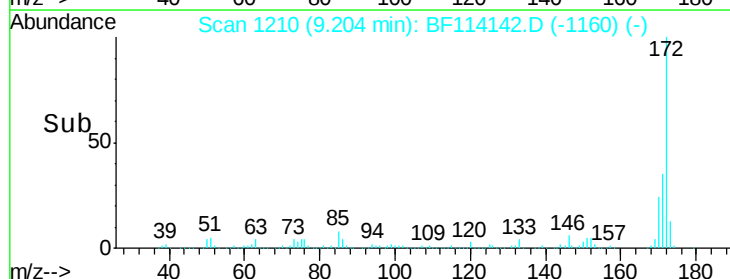
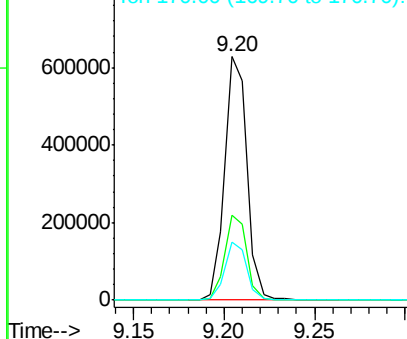
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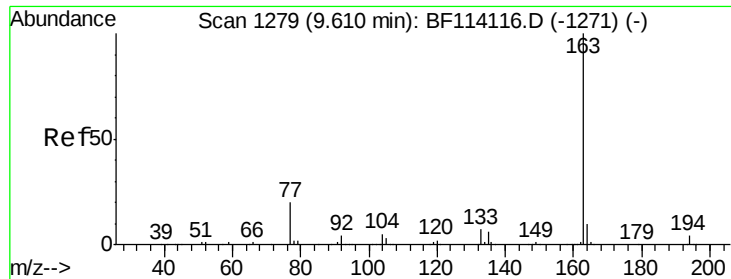
Acq: 11 May 2019 00:59

Tgt Ion:	172	Resp:	541221
Ion Ratio	Lower	Upper	
172	100		
171	35.0	30.7	46.1
170	23.7	20.5	30.7



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





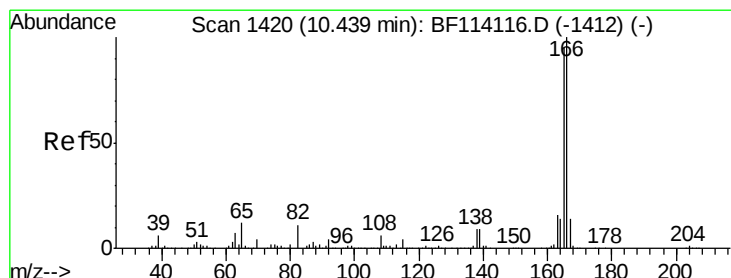
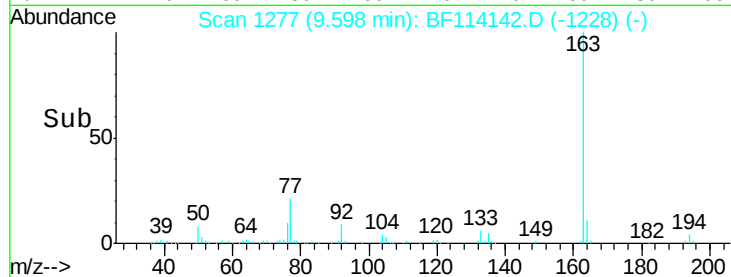
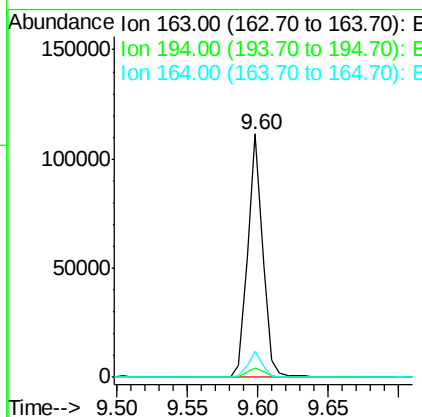
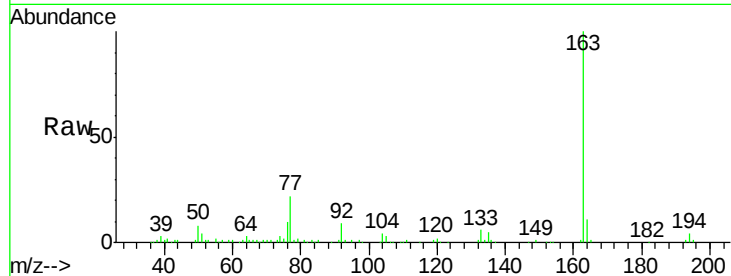
#50
Dimethylphthalate
Concen: 2.640 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Instrument :
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ClientSampleId :
SU-02-050919-A

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83419		
194	4.1	3.4	5.0	
164	10.8	8.2	12.2	

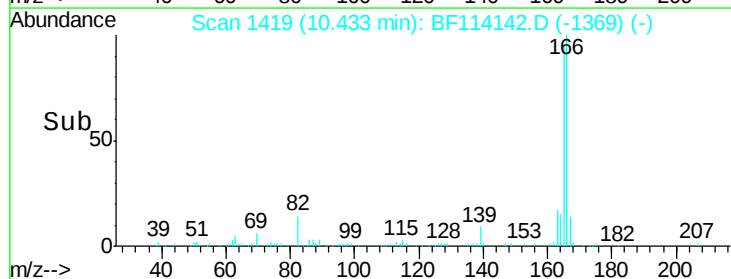
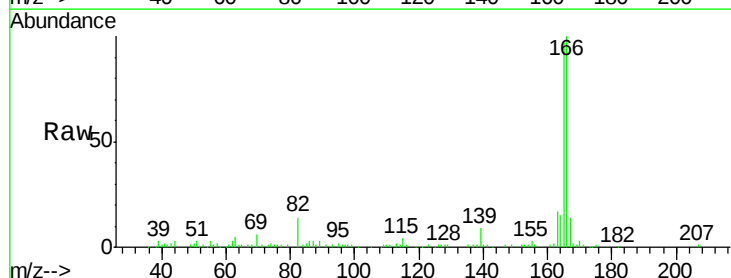
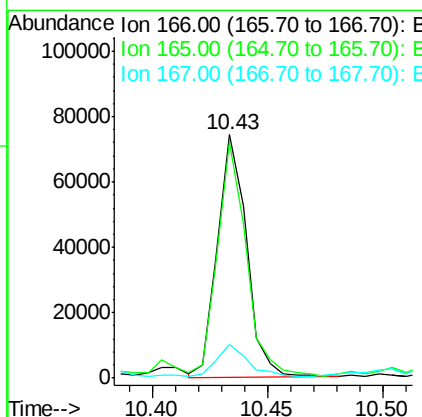
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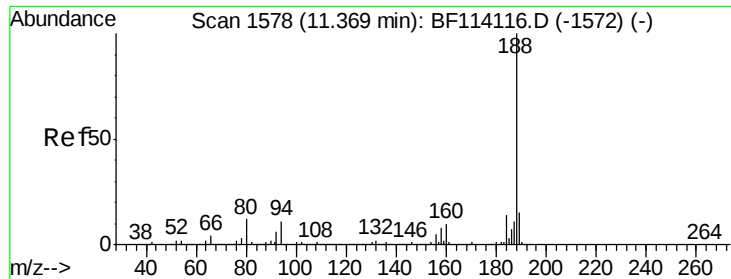
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#58
Fluorene
Concen: 2.188 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	64744		
165	96.9	76.1	114.1	
167	14.1	11.1	16.7	





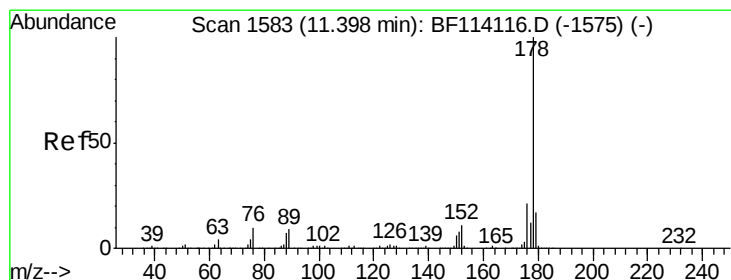
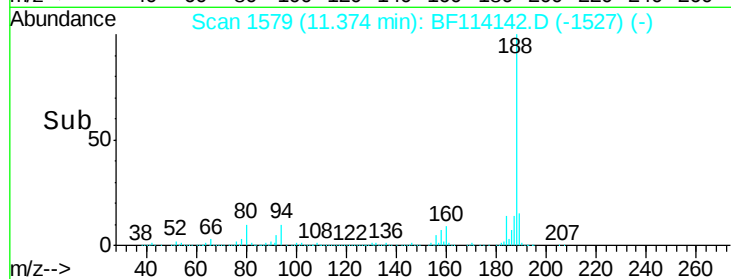
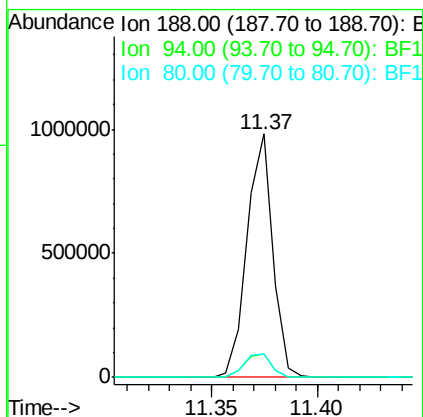
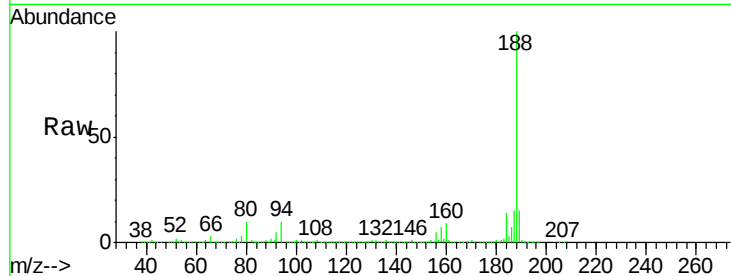
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SU-02-050919-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	8.4	12.6
80	9.8	9.2	13.8

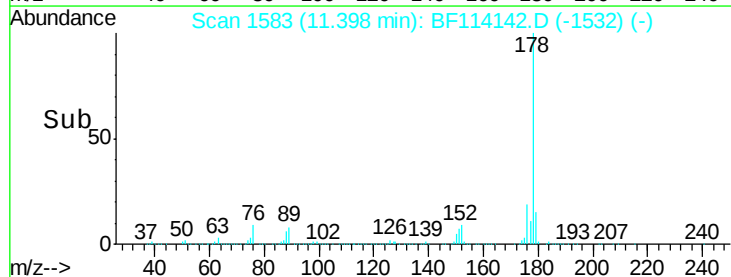
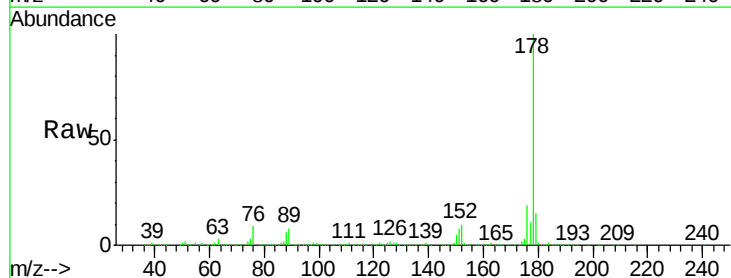
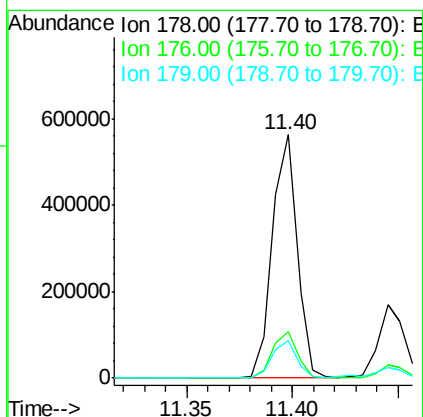
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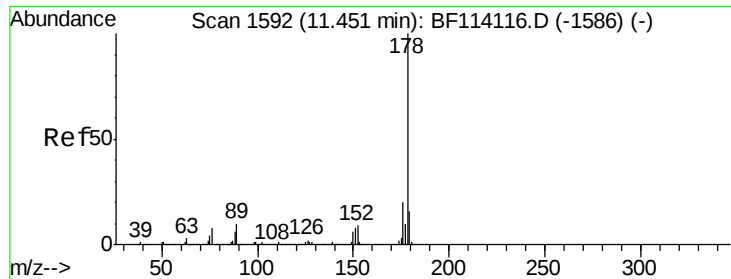
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#71
Phenanthrene
Concen: 11.488 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	16.4	24.6
179	15.4	13.2	19.8





#72

Anthracene

Concen: 3.466 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Instrument :

BNA_F

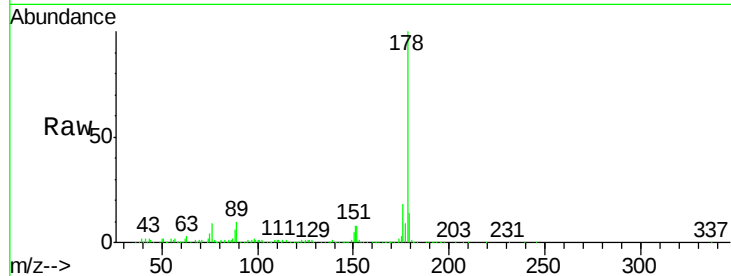
ClientSampleId :

SU-02-050919-A

Tgt Ion:	178	Resp:	140307
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.8	23.8
179	14.1	13.0	19.4

Manual Integrations
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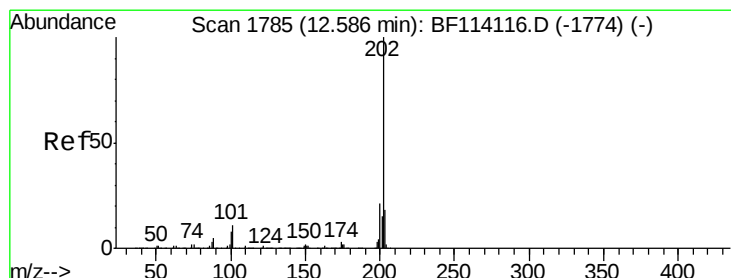
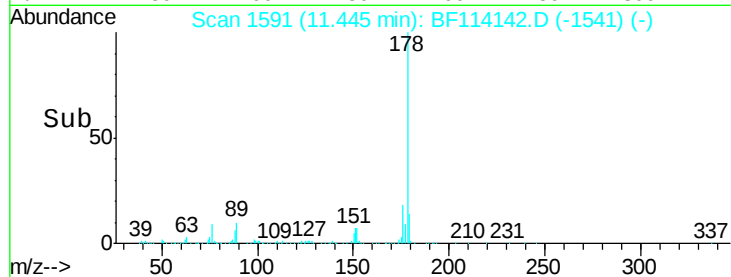
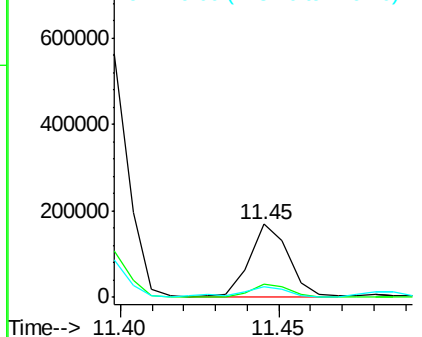
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 14.351 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114142.D

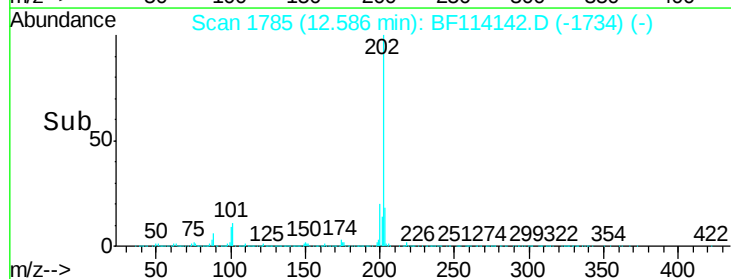
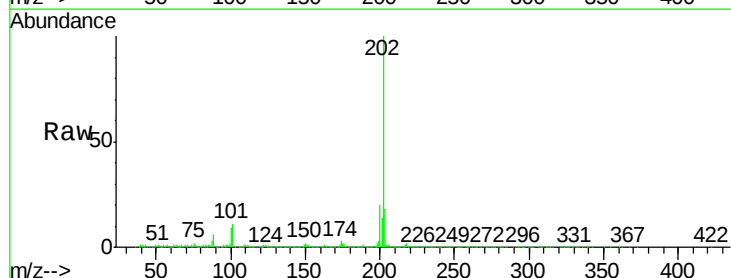
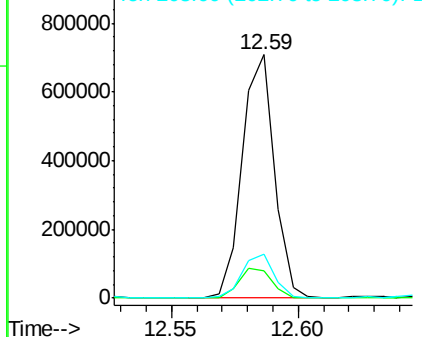
Acq: 11 May 2019 00:59

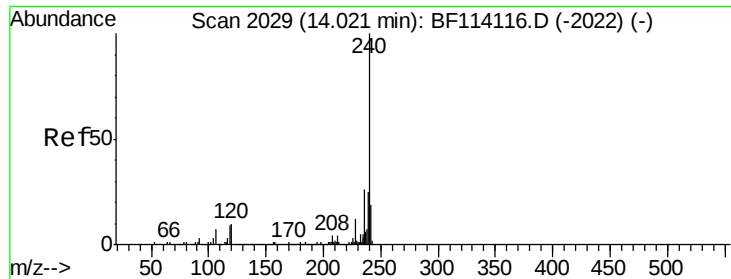
Tgt Ion:	202	Resp:	622814
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.0
203	17.9	0.0	38.4

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





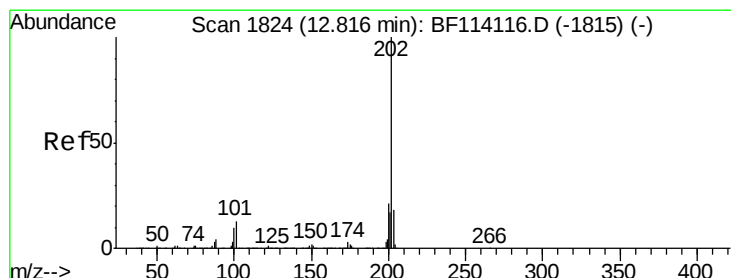
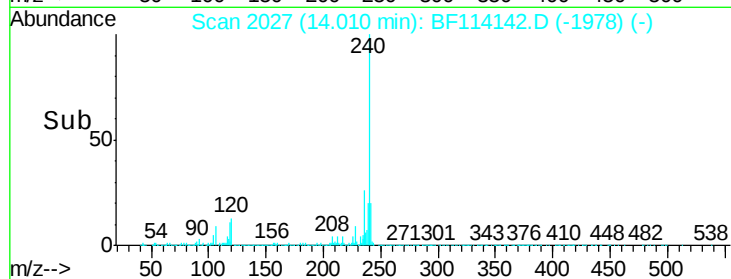
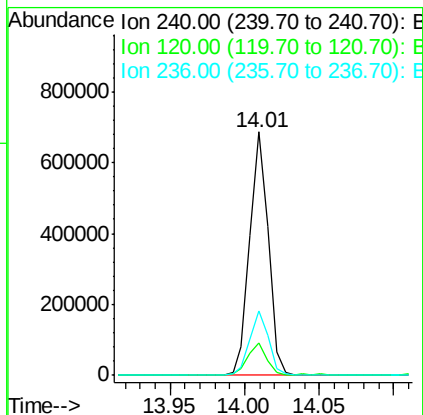
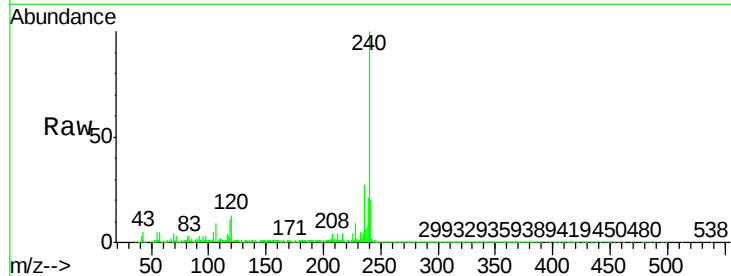
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SU-02-050919-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.1	8.3	12.5#
236	26.6	20.8	31.2

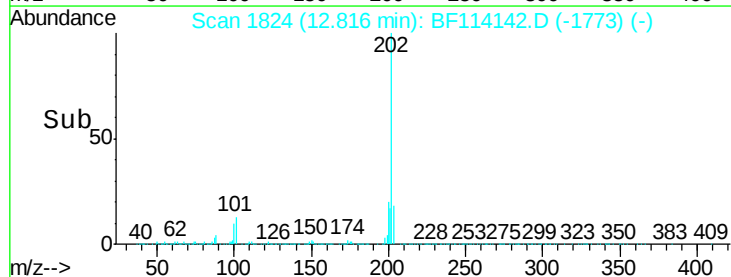
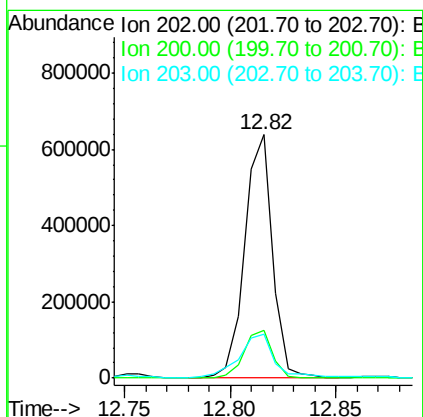
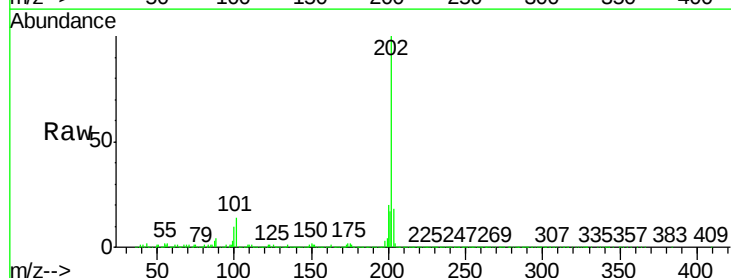
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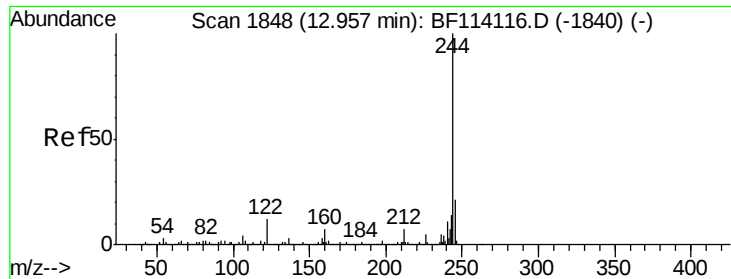
Sohil
5/13/2019 8:34:33 PM



#78
Pyrene
Concen: 12.280 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.9	16.9	25.3
203	18.3	14.5	21.7





#79

Terphenyl-d14

Concen: 20.084 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Instrument :

BNA_F

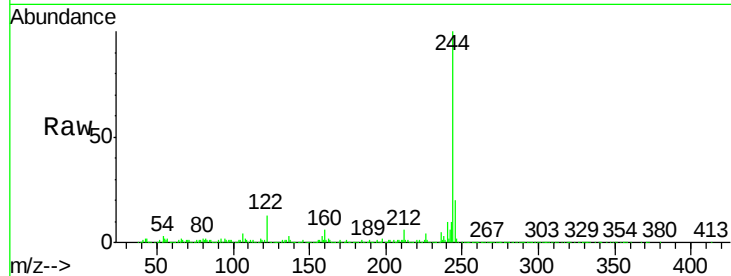
ClientSampleId :

SU-02-050919-A

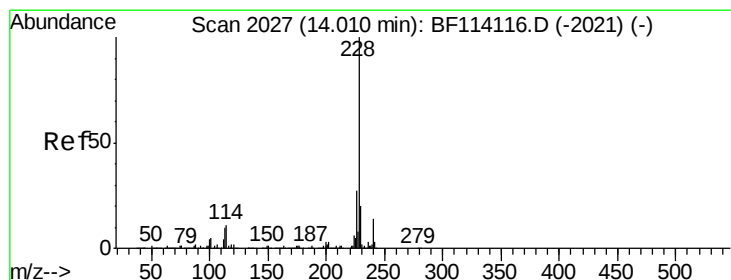
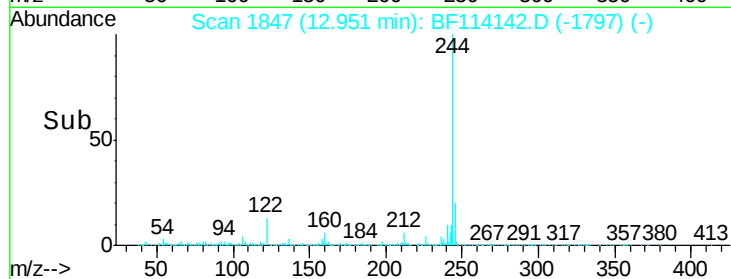
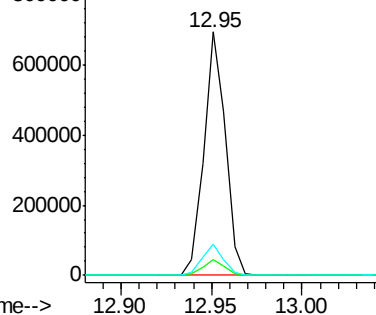
Tgt Ion:	244	Resp:	571445
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.8	8.6
122	13.0	9.4	14.2

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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: 6.636 ng

RT: 14.00 min Scan# 2025

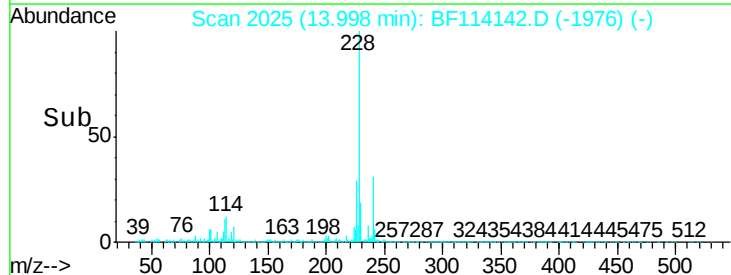
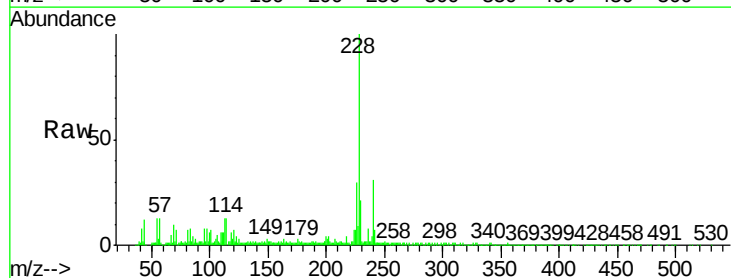
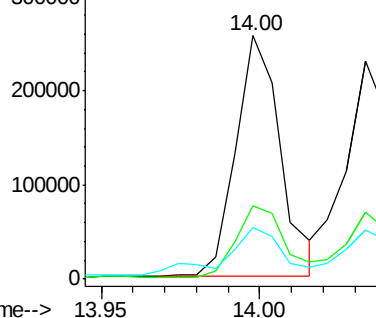
Delta R.T. -0.01 min

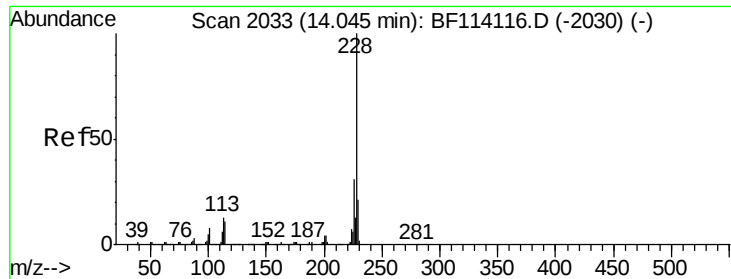
Lab File: BF114142.D

Acq: 11 May 2019 00:59

Tgt Ion:	228	Resp:	251733
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.2	33.2
229	21.1	16.4	24.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





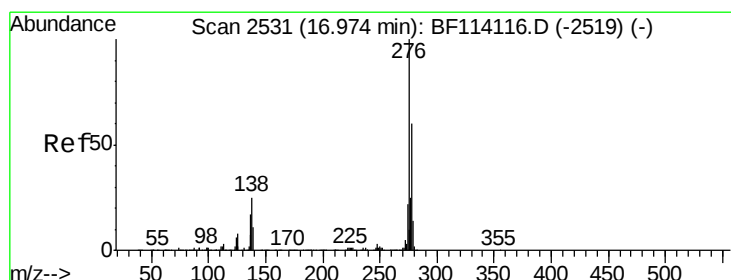
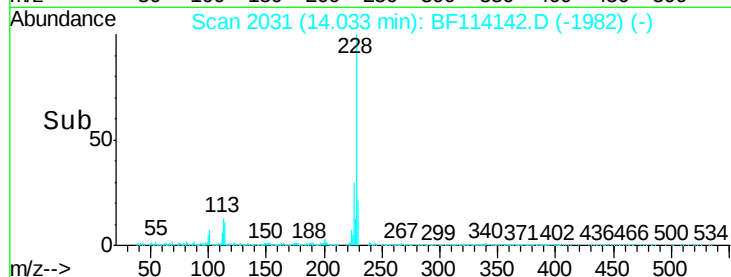
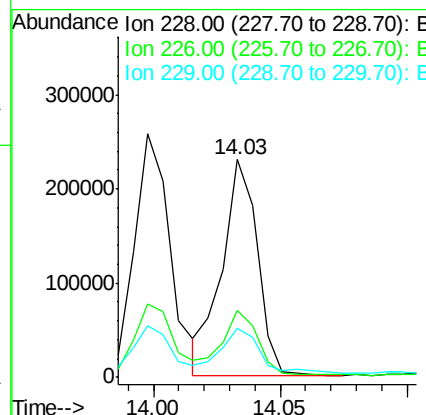
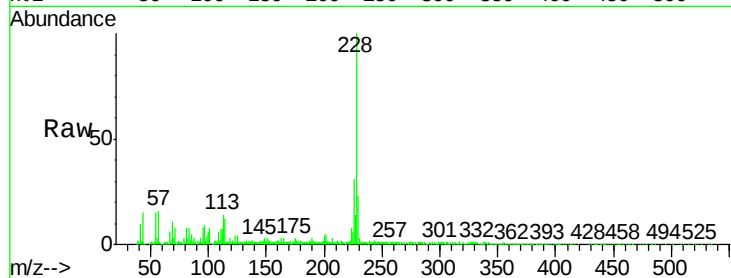
#83
Chrysene
Concen: 6.017 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SU-02-050919-A

Tgt Ion:	228	Resp:	223772
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	22.6	17.0	25.6

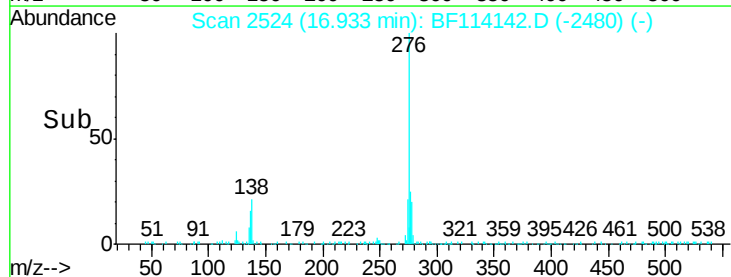
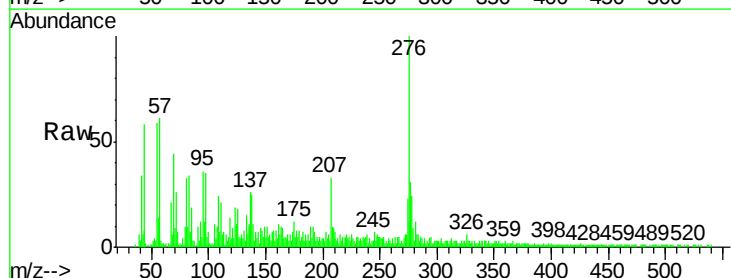
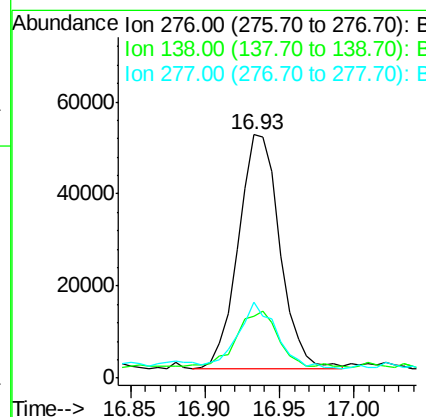
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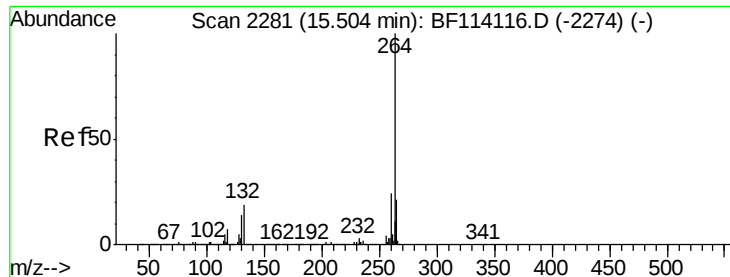
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.984 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.04 min
Lab File: BF114142.D
Acq: 11 May 2019 00:59

Tgt Ion:	276	Resp:	98079
Ion Ratio	Lower	Upper	
276	100		
138	24.1	20.2	30.2
277	27.1	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Instrument :

BNA_F

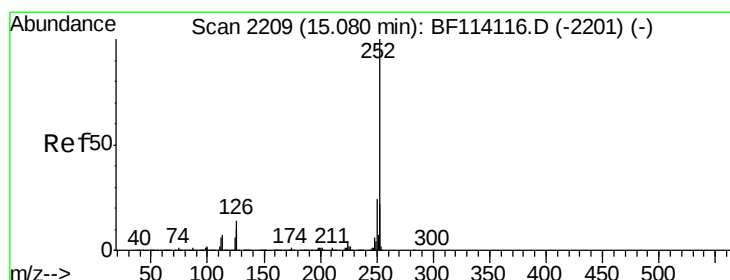
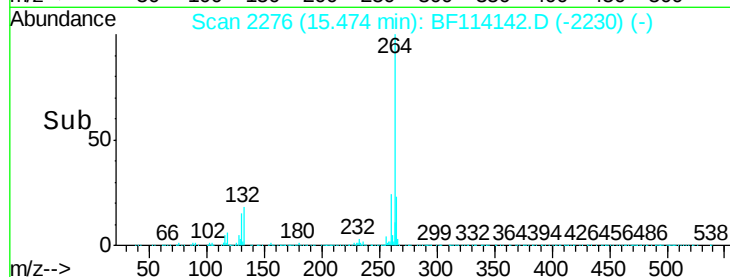
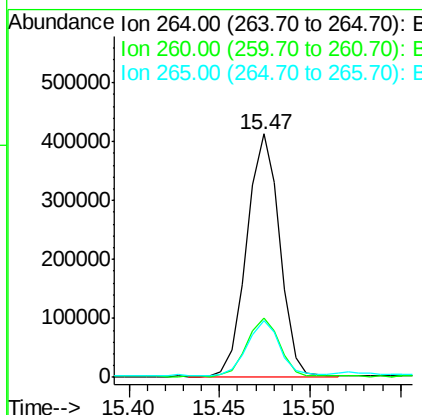
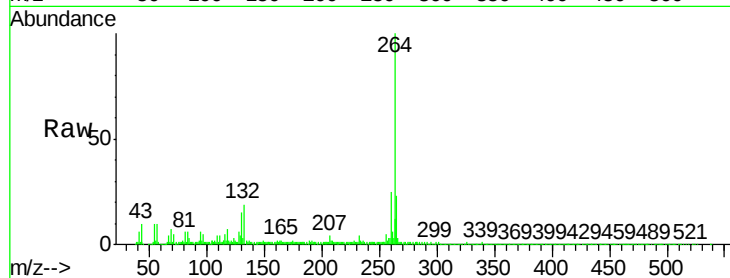
ClientSampleId :

SU-02-050919-A

Tgt Ion:	264	Resp:	517203
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.4	29.0
265	23.2	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 8.145 ng m

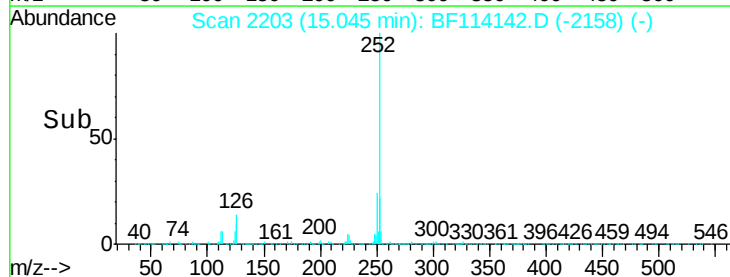
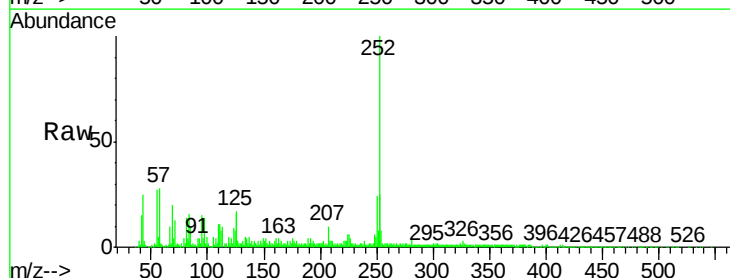
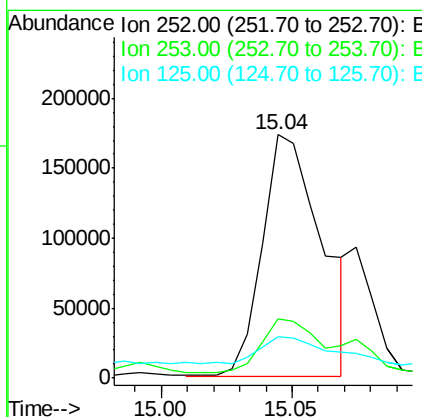
RT: 15.04 min Scan# 2203

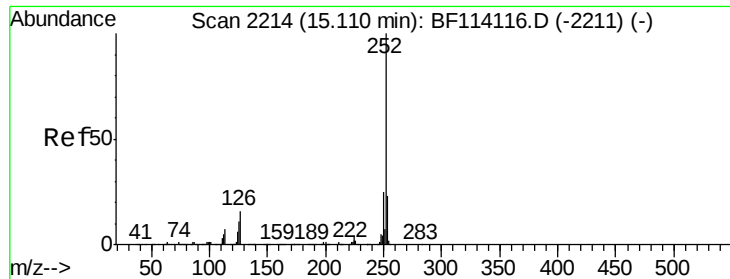
Delta R.T. -0.04 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Tgt Ion:	252	Resp:	269870
Ion Ratio		Lower	Upper
252	100		
253	24.6	17.8	26.8
125	16.8	8.3	12.5#





#89

Benzo(k)fluoranthene

Concen: 2.049 ng m

RT: 15.07 min Scan# 2208

Delta R.T. -0.04 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Instrument :

BNA_F

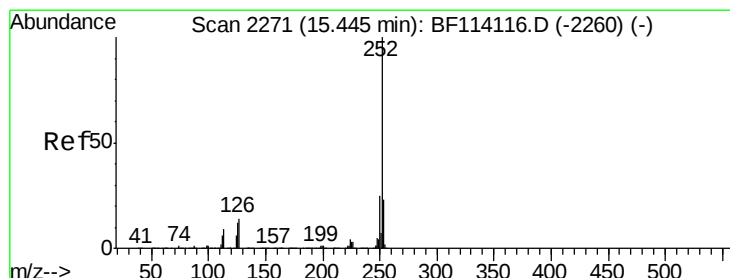
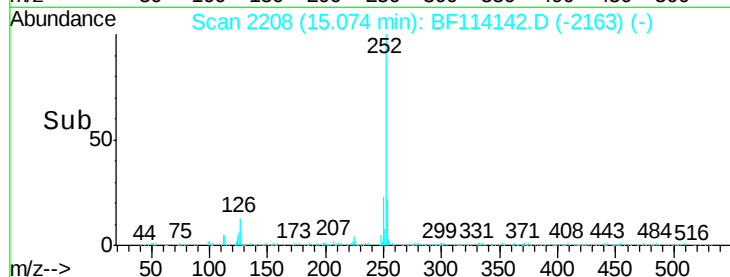
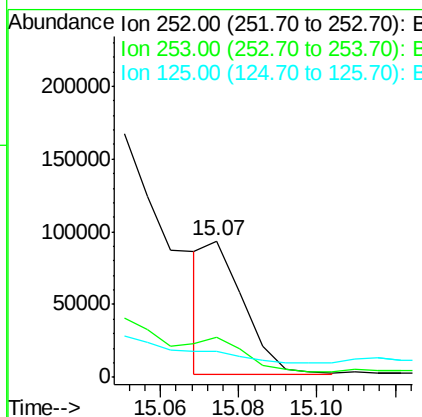
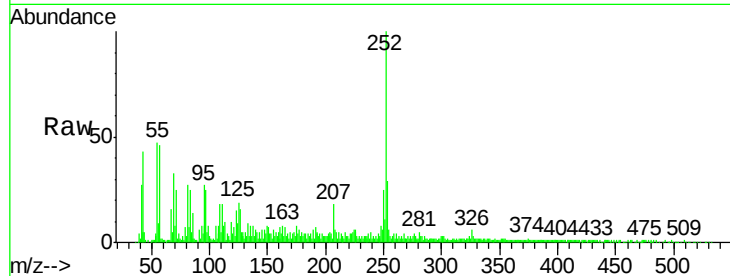
ClientSampleId :

SU-02-050919-A

Tgt Ion:	252	Resp:	62361
Ion Ratio	Lower	Upper	
252	100		
253	29.2	18.2	27.2#
125	18.9	8.6	13.0#

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#90

Benzo(a)pyrene

Concen: 5.896 ng

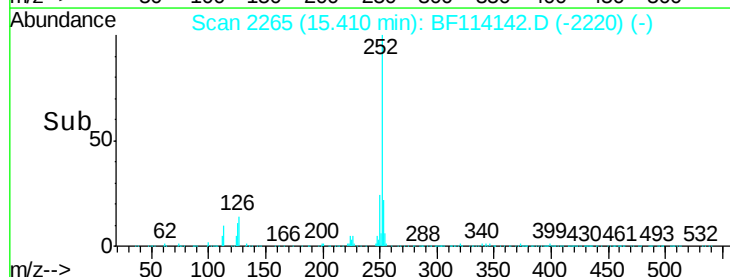
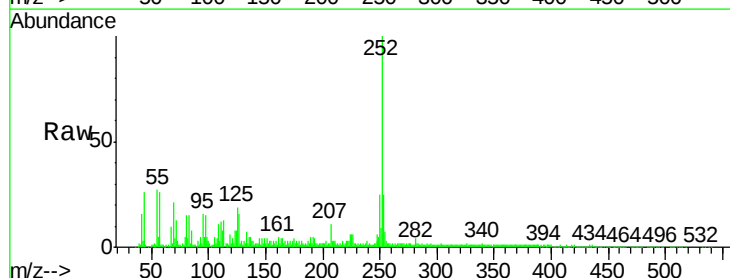
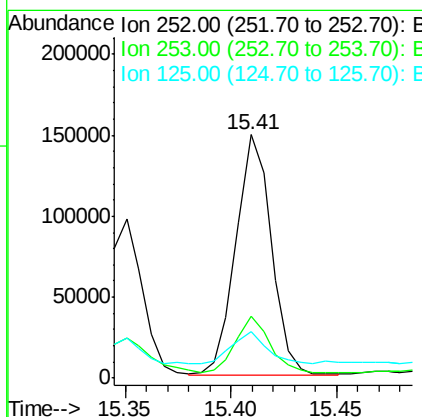
RT: 15.41 min Scan# 2265

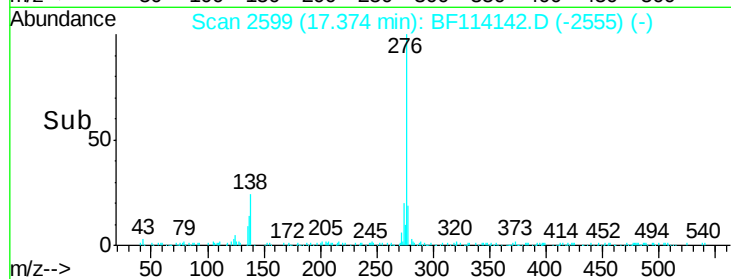
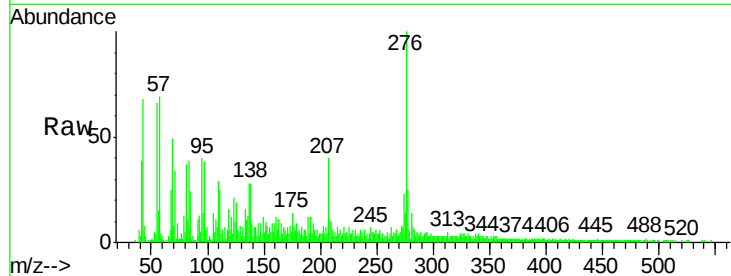
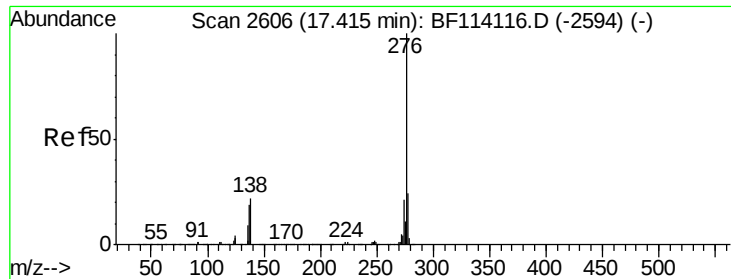
Delta R.T. -0.04 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Tgt Ion:	252	Resp:	171944
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.1	27.1
125	18.8	9.5	14.3#





#92

Benzo(g,h,i)perylene

Concen: 3.901 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.04 min

Lab File: BF114142.D

Acq: 11 May 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SU-02-050919-A

Tgt Ion:	276	Resp:	94724
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.0	28.4
138	28.5	17.8	26.6

Manual Integrations
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