

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114373.D
 Acq On : 18 May 2019 2:29
 Operator : JU/SJ
 Sample : K2894-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1

Manual Integrations
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Quant Time: May 18 06:37:26 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	6.85	152	252747	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	943638	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	407885	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	672415	20.00	ng	0.00
76) Chrysene-d12	14.02	240	418819	20.00	ng	0.00
87) Perylene-d12	15.49	264	316015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1287089	81.95	ng	0.00
7) Phenol-d6	6.50	99	1674061	90.12	ng	0.00
23) Nitrobenzene-d5	7.41	82	597570	35.54	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	188281	44.65	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1628763	60.40	ng	0.00
79) Terphenyl-d14	12.96	244	1081184	53.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	256216	8.557	ng	99
71) Phenanthrene	11.40	178	179780	5.496	ng	98
72) Anthracene	11.45	178	67943	2.068	ng	98
75) Fluoranthene	12.59	202	370859	10.527	ng	97
78) Pyrene	12.82	202	348566	10.346	ng	98
81) Benzo(a)anthracene	14.00	228	170915	6.309	ng	98
83) Chrysene	14.04	228	161656	6.088	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	63350	2.699	ng	98
88) Benzo(b)fluoranthene	15.06	252	175733m	8.680	ng	
89) Benzo(k)fluoranthene	15.09	252	58917m	3.168	ng	
90) Benzo(a)pyrene	15.43	252	136252	7.647	ng	# 78
92) Benzo(g,h,i)perylene	17.43	276	54183	3.652	ng	# 79

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

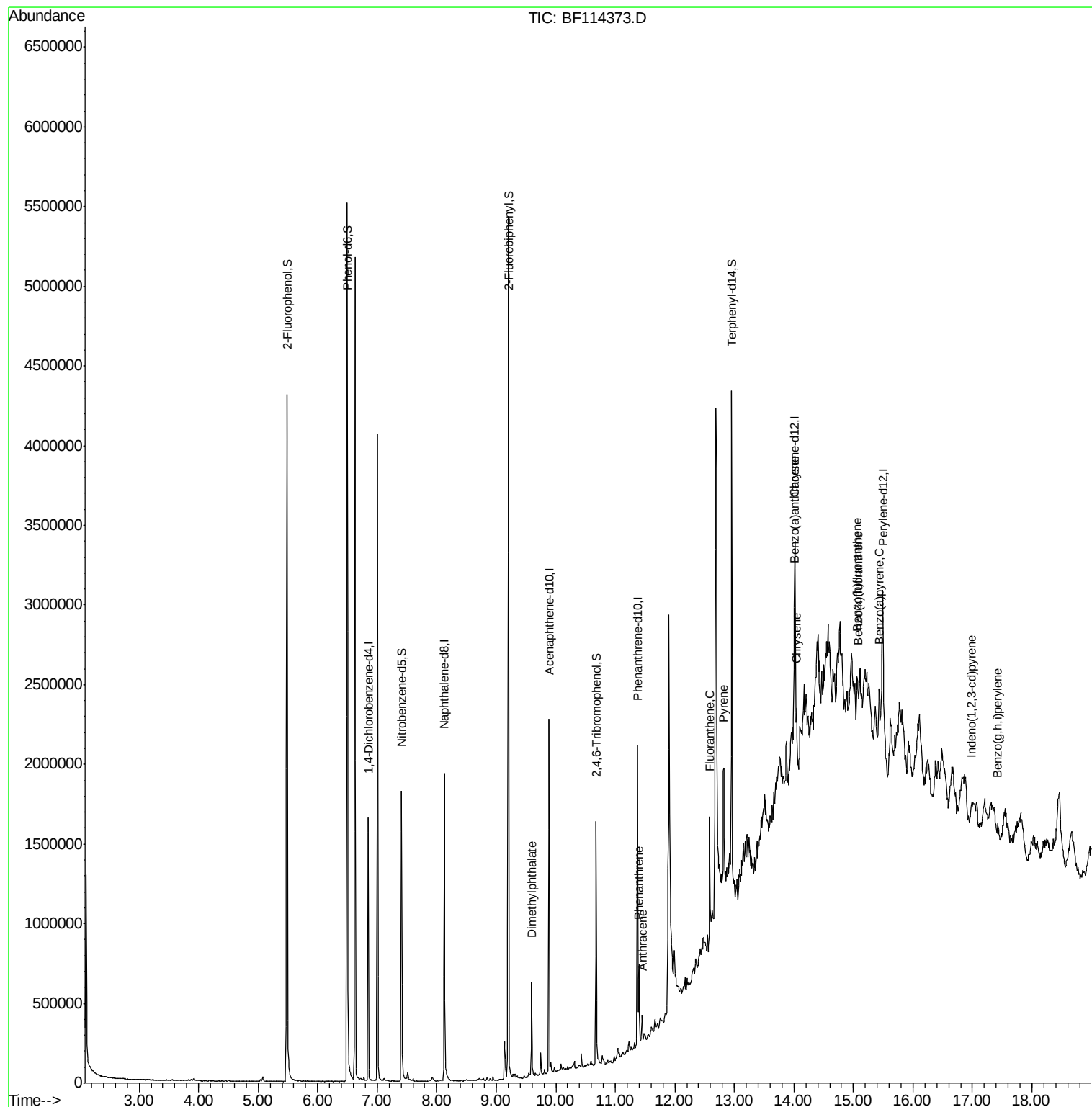
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114373.D
Acq On : 18 May 2019 2:29
Operator : JU/SJ
Sample : K2894-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

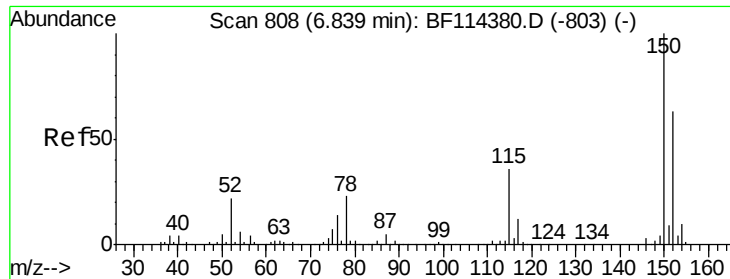
Instrument :
BNA_F
ClientSampled :
SS-01-0-1

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Quant Time: May 18 06:37:26 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
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#1

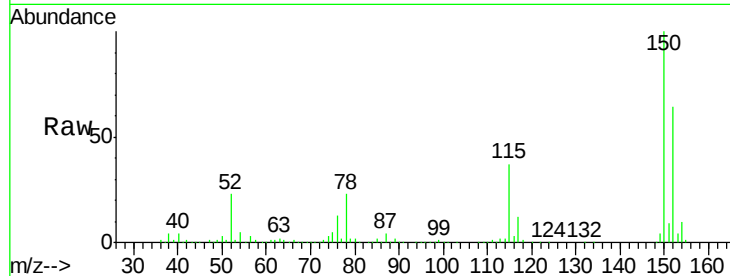
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.3	186.5
115	57.3	49.1	73.7

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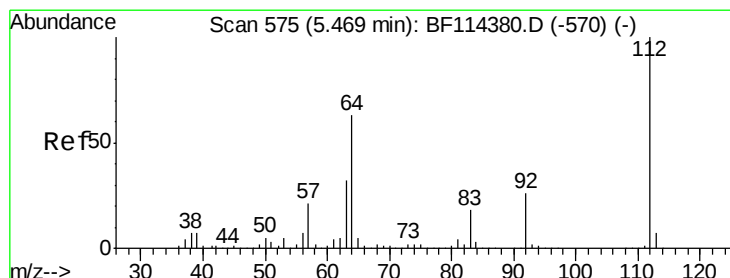
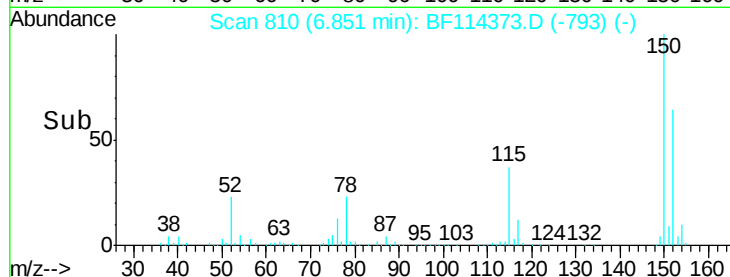
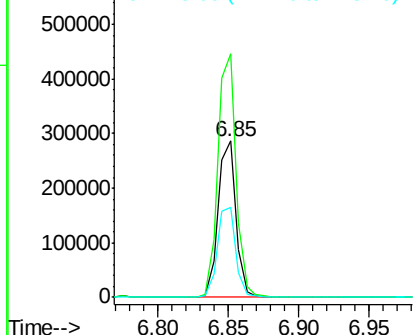


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

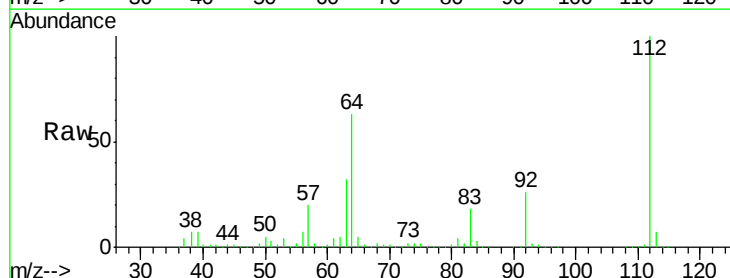
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.950 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	49.0	73.6
63	31.9	24.6	37.0

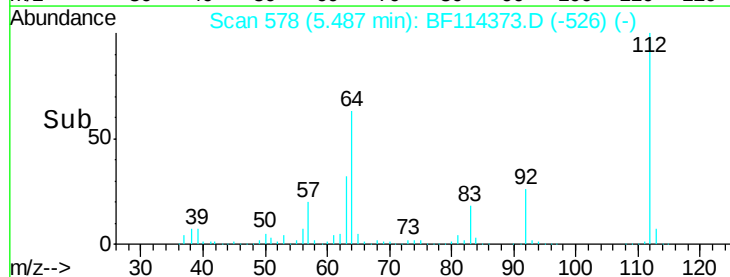
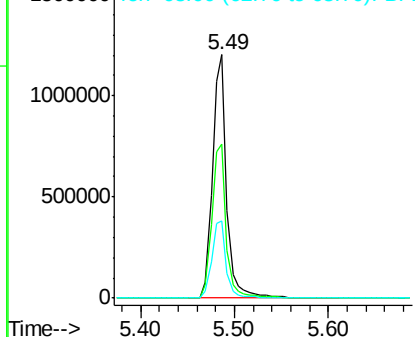


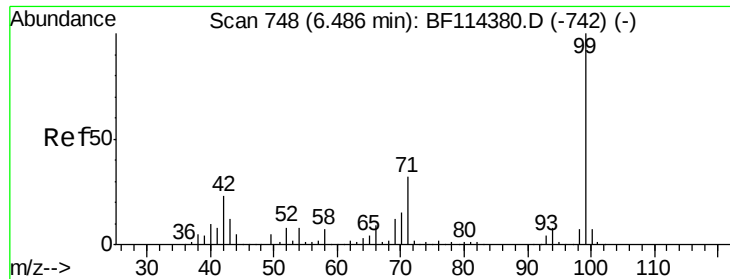
Abundance

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: 90.121 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114373.D

Acq: 18 May 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1

Tgt Ion: 99 Resp: 1674061

Ion Ratio Lower Upper

99 100

42 25.3 17.9 26.9

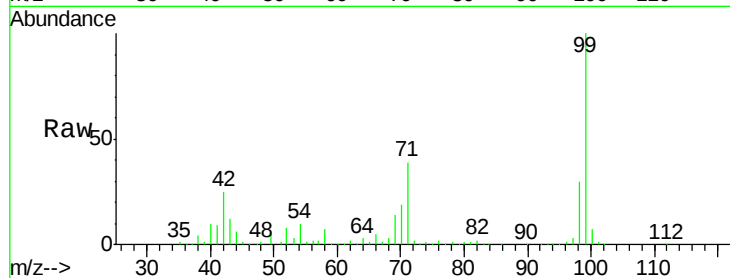
71 38.9 26.2 39.2

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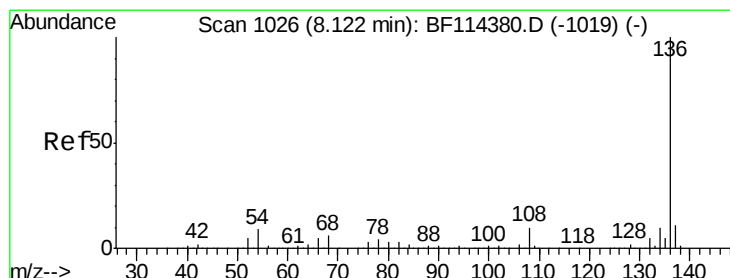
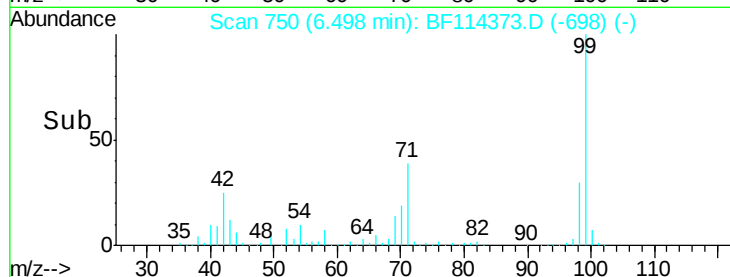
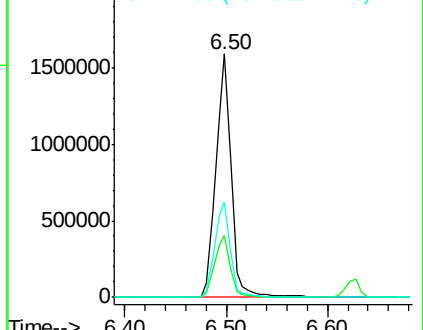
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114373.D

Acq: 18 May 2019 2:29

Tgt Ion: 136 Resp: 943638

Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 10.2 7.8 11.8

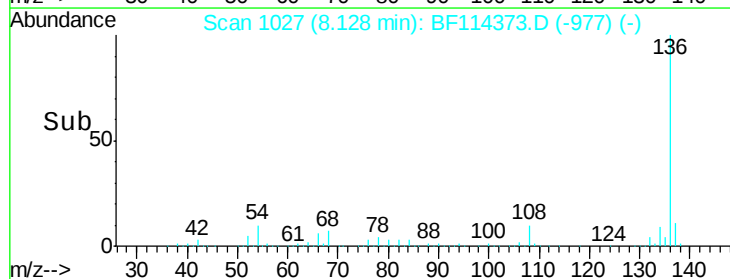
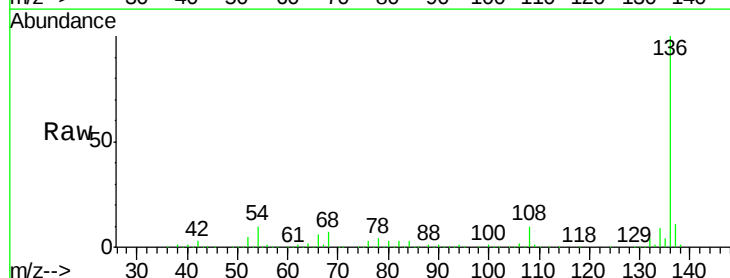
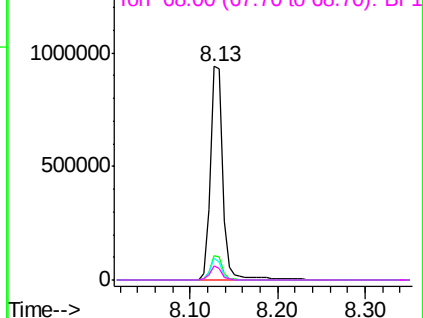
68 6.8 5.1 7.7

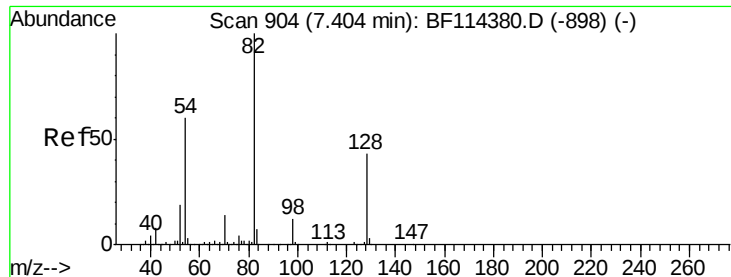
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





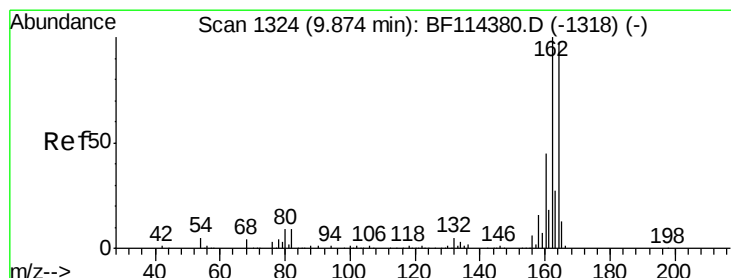
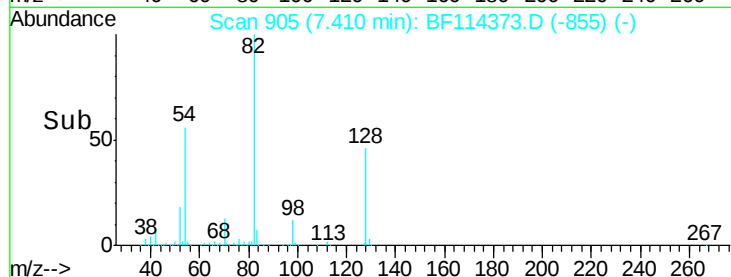
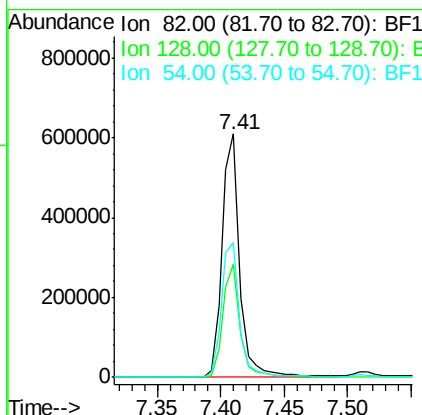
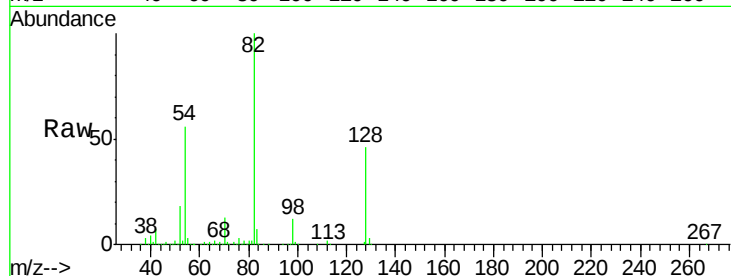
#23
 Nitrobenzene-d5
 Concen: 35.539 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114373.D
 Acq: 18 May 2019 2:29

Instrument :
 BNA_F
 ClientSampled :
 SS-01-0-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	46.5	35.5	53.3
54	55.6	48.5	72.7

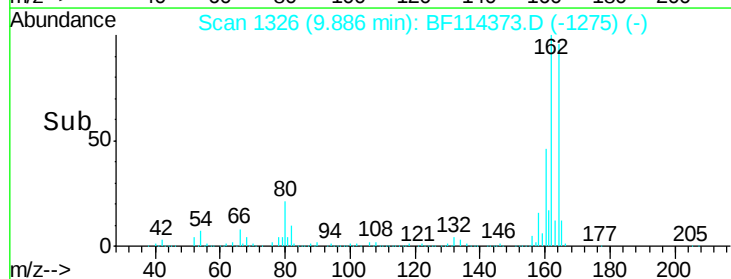
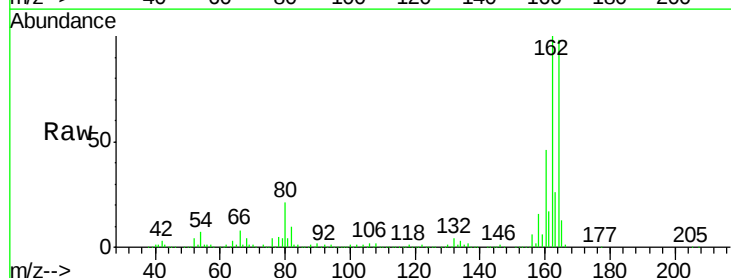
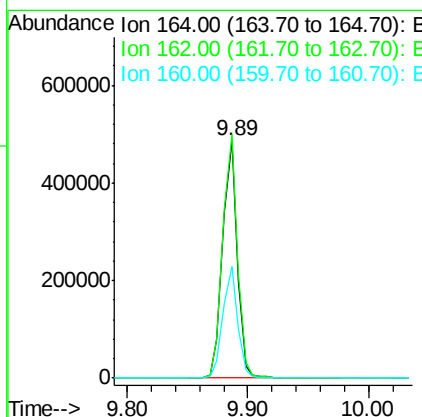
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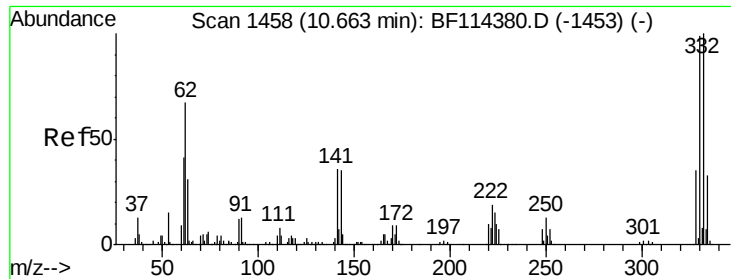
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114373.D
 Acq: 18 May 2019 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.5	80.6	120.8
160	46.8	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 44.650 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114373.D

Acq: 18 May 2019 2:29

Instrument :

BNA_F

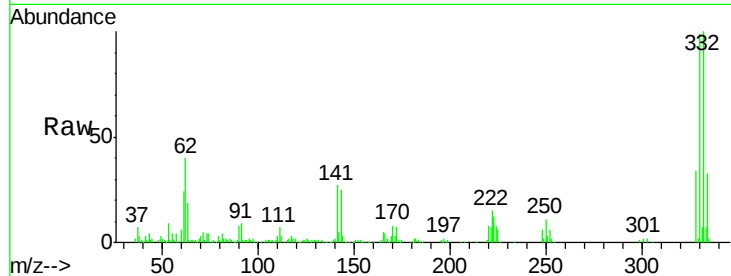
ClientSampled :

SS-01-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	188281		
332	102.5	81.4	122.2	
141	33.8	26.6	40.0	

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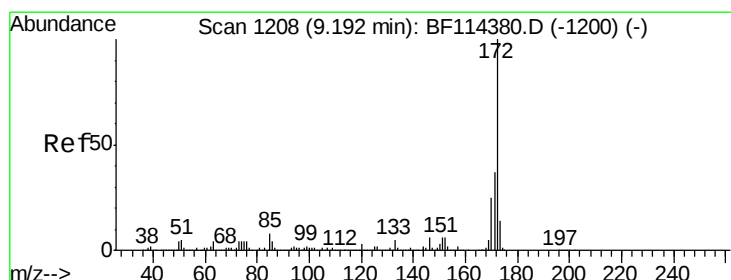
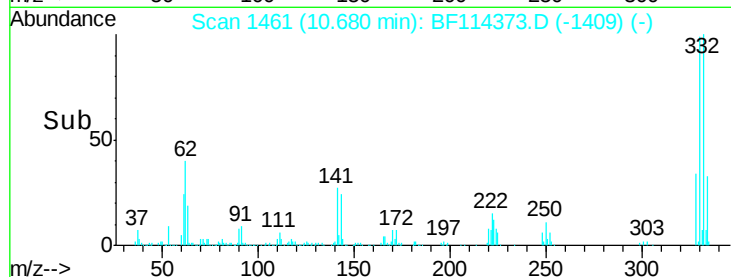
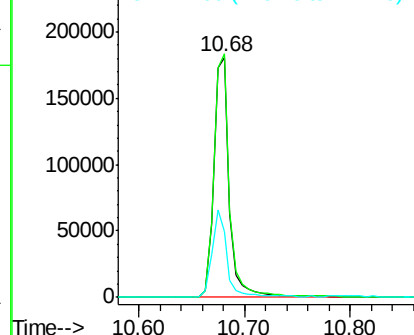


Abundance

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: 60.404 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114373.D

Acq: 18 May 2019 2:29

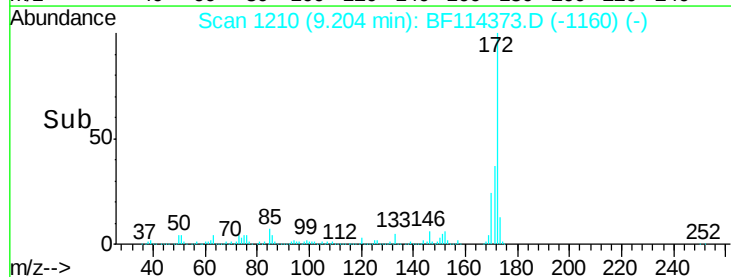
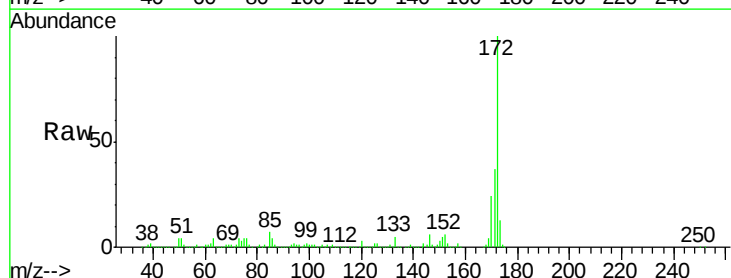
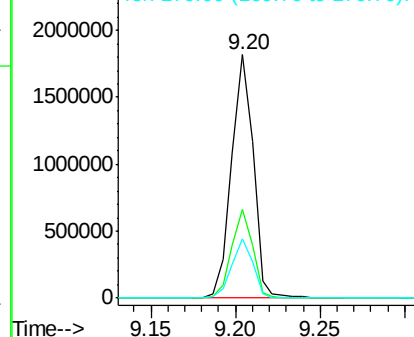
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1628763		
171	36.5	30.7	46.1	
170	24.3	20.5	30.7	

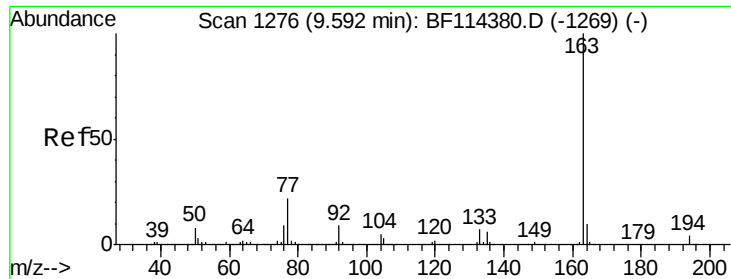
Abundance

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





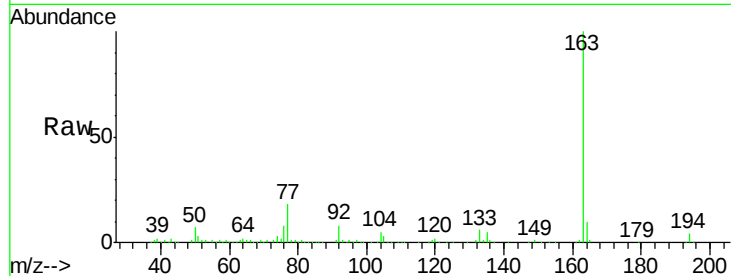
#50
Dimethylphthalate
Concen: 8.557 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1

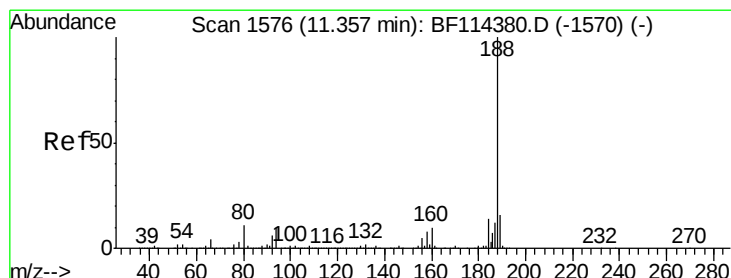
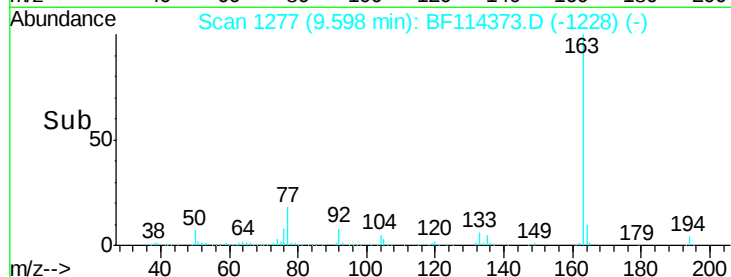
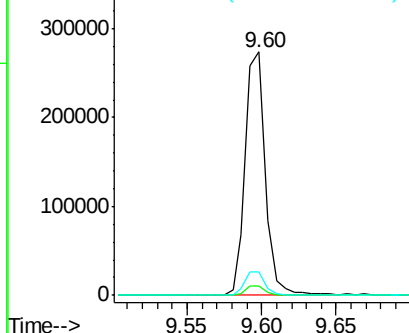
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	3.4	5.0
164	9.7	8.2	12.2

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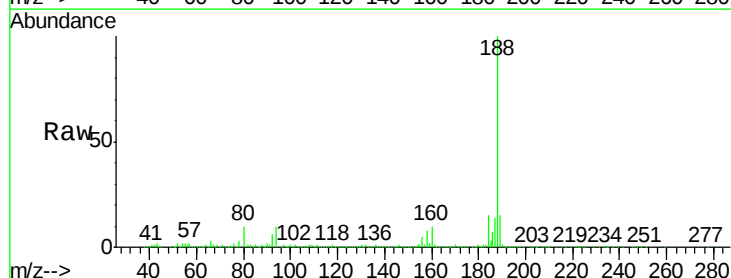


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

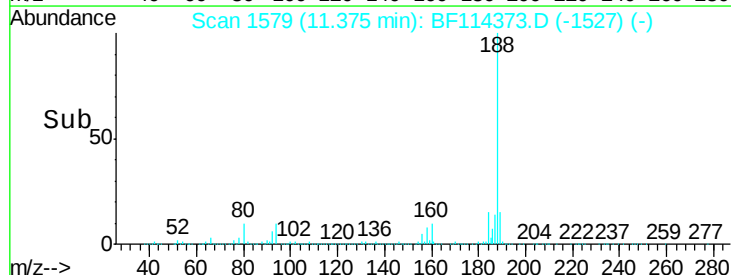
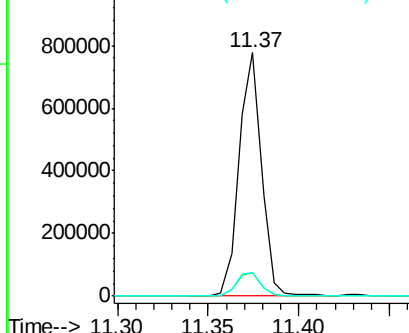


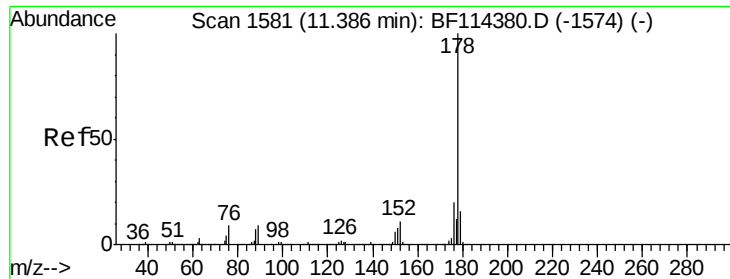
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	8.4	12.6
80	9.9	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





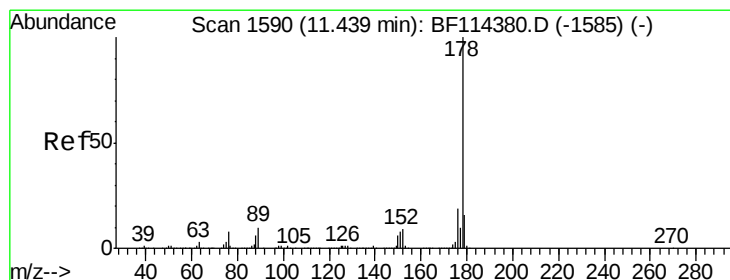
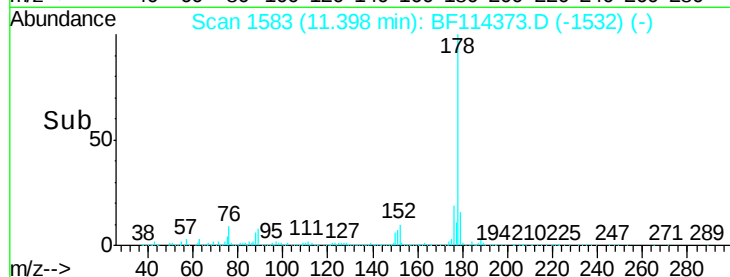
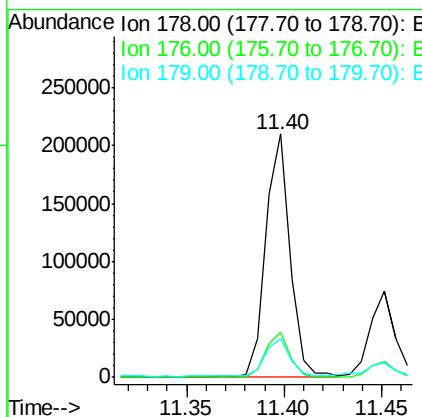
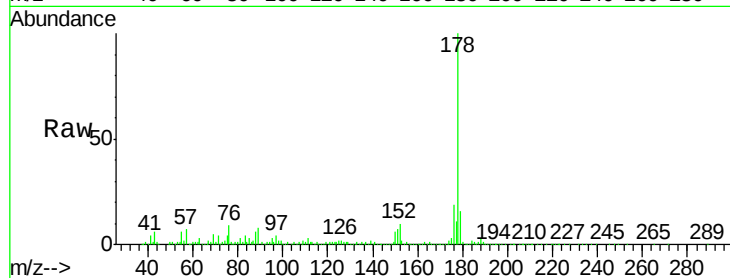
#71
Phenanthrene
Concen: 5.496 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Instrument :
BNA_F
ClientSampled :
SS-01-0-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.4	24.6
179	16.0	13.2	19.8

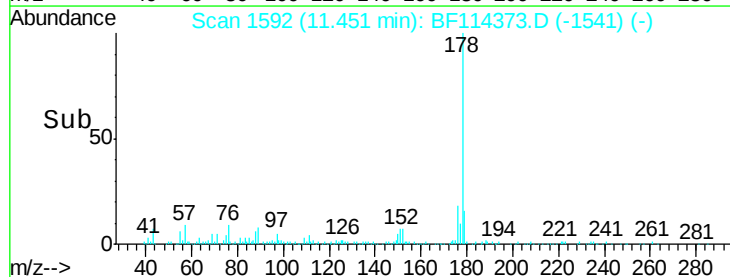
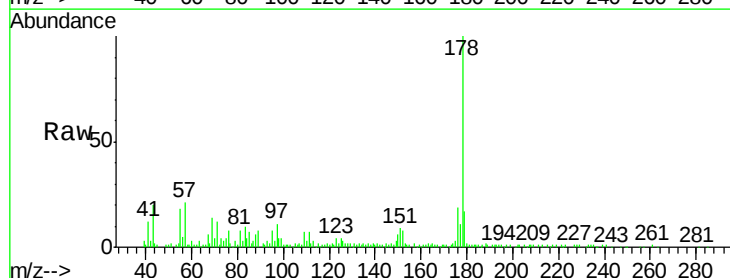
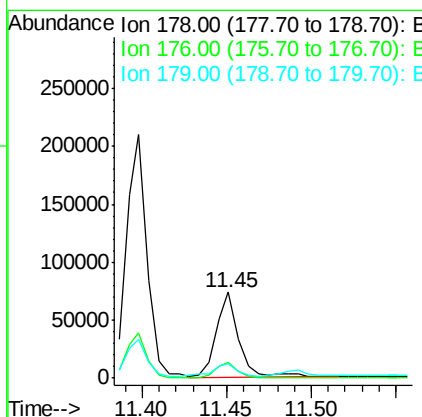
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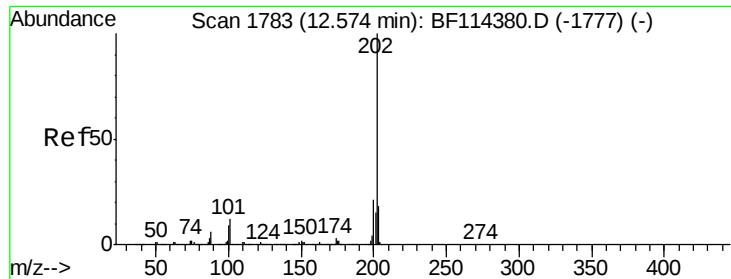
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#72
Anthracene
Concen: 2.068 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.6	13.0	19.4





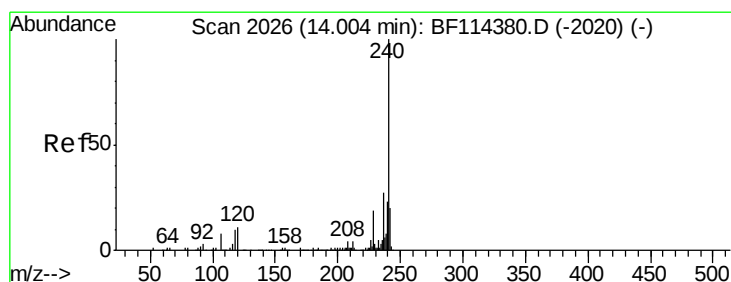
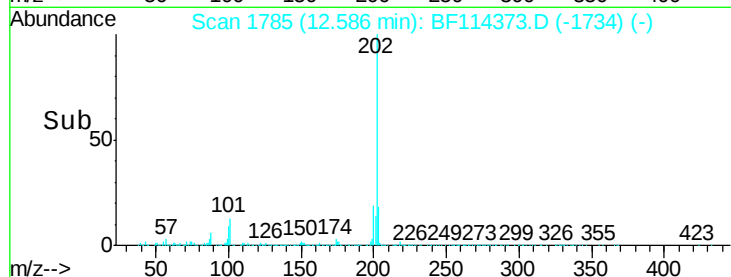
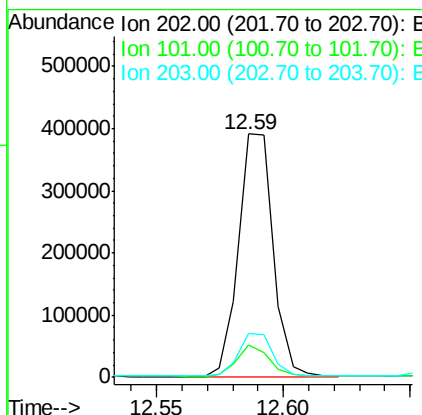
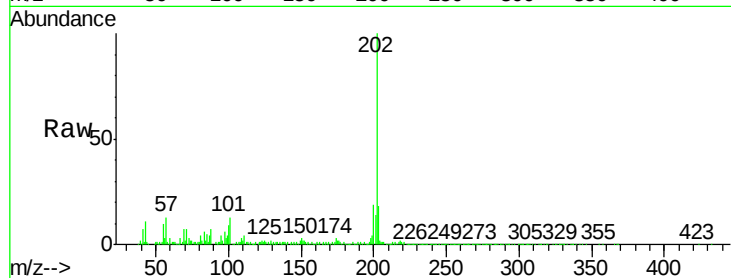
#75
 Fluoranthene
 Concen: 10.527 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF114373.D
 Acq: 18 May 2019 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	0.0	31.0
203	18.0	0.0	38.4

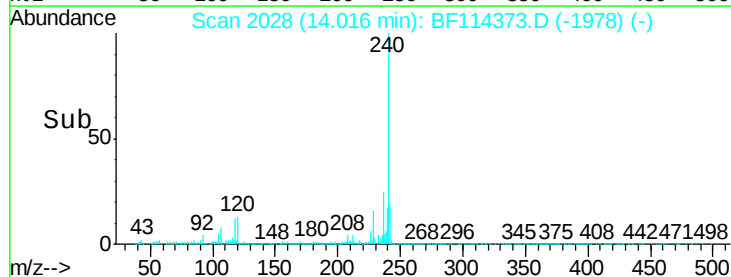
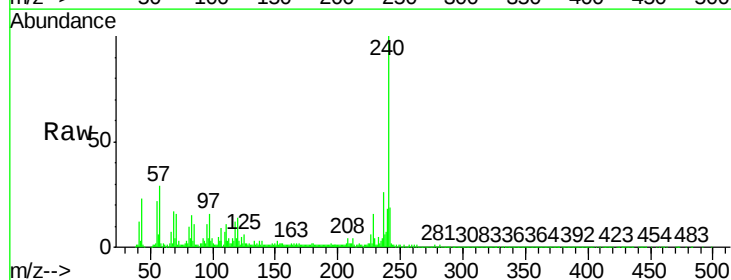
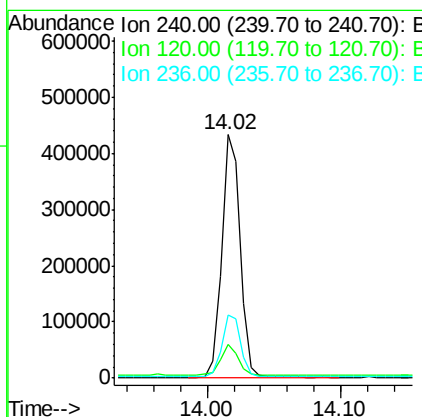
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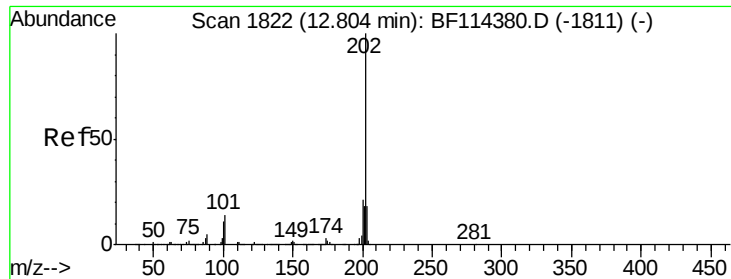
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF114373.D
 Acq: 18 May 2019 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.9	8.3	12.5#
236	25.7	20.8	31.2





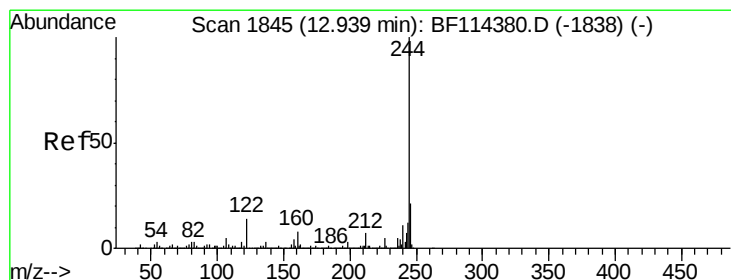
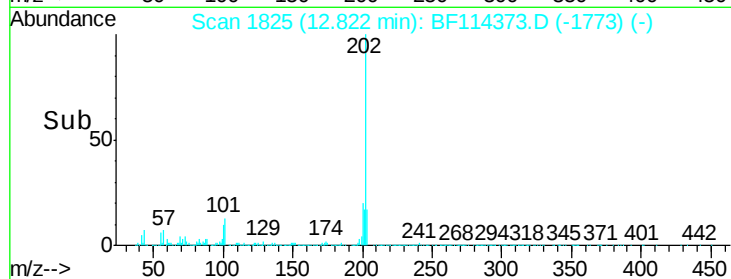
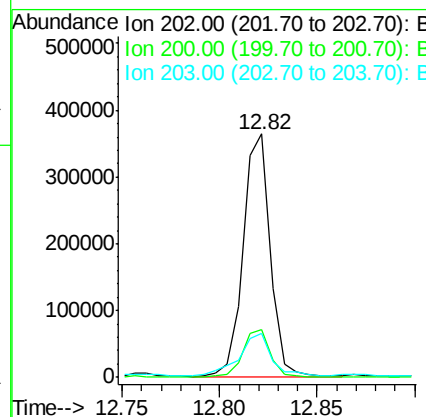
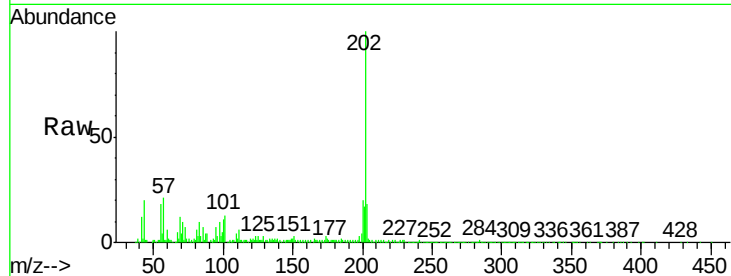
#78
 Pyrene
 Concen: 10.346 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF114373.D
 Acq: 18 May 2019 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.6	16.9	25.3
203	17.8	14.5	21.7

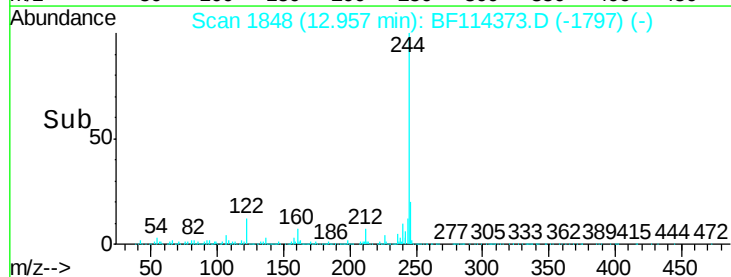
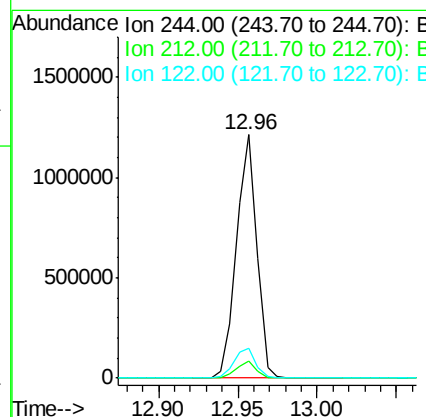
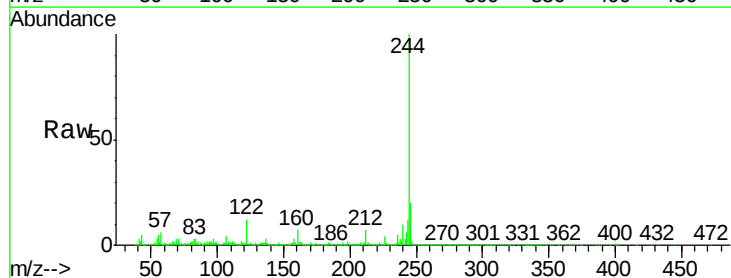
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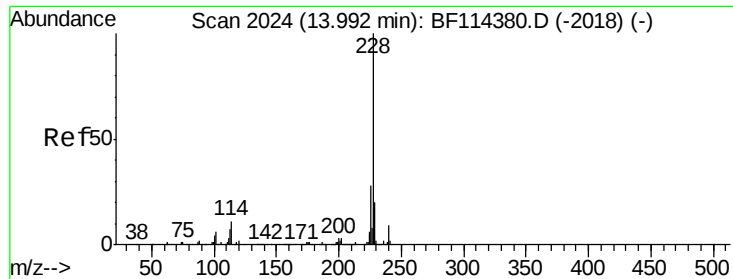
mohammad
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#79
 Terphenyl-d14
 Concen: 53.216 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF114373.D
 Acq: 18 May 2019 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	5.8	8.6
122	12.1	9.4	14.2





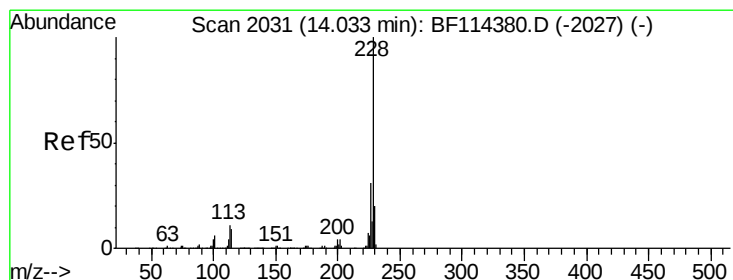
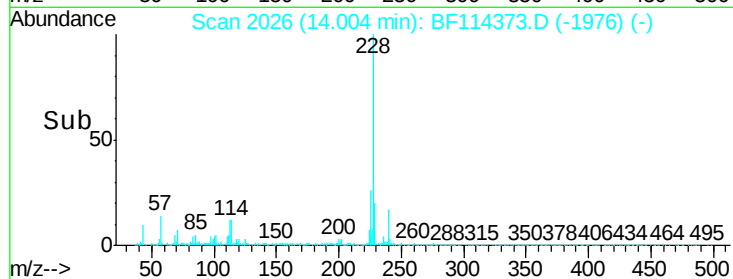
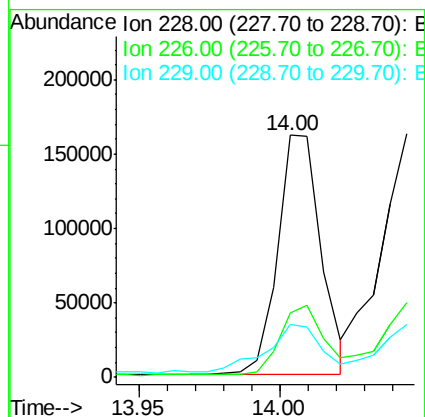
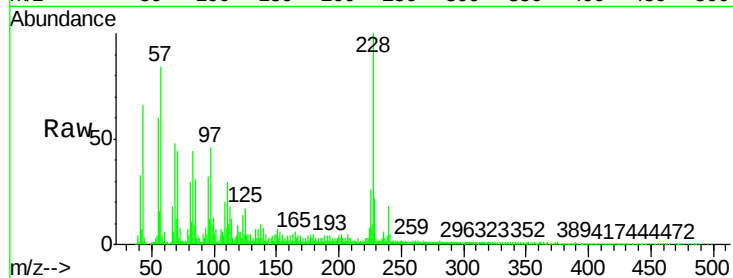
#81
Benzo(a)anthracene
Concen: 6.309 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.2	33.2
229	21.6	16.4	24.6

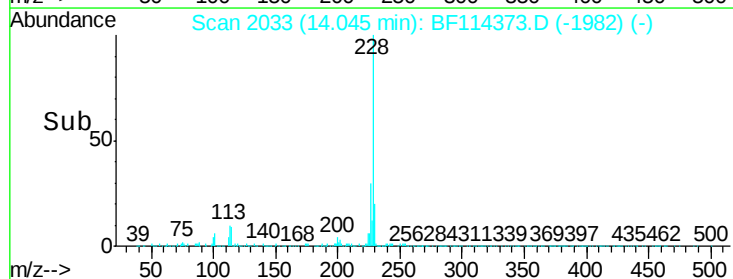
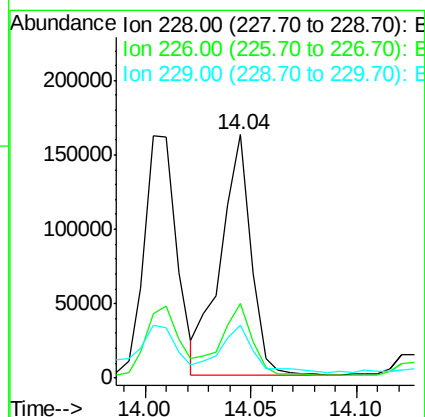
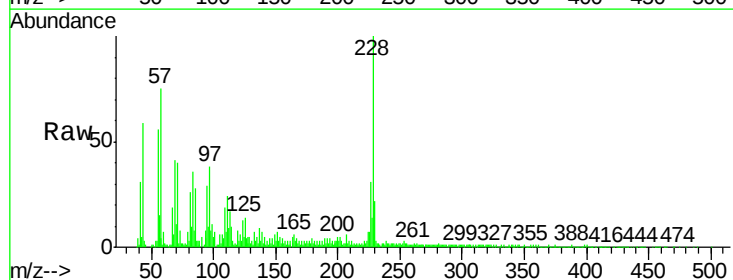
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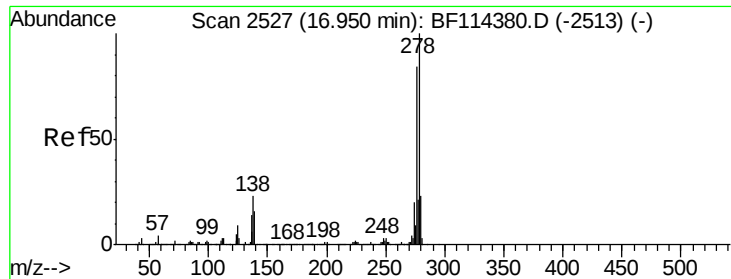
mohammad
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#83
Chrysene
Concen: 6.088 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.5	17.0	25.6





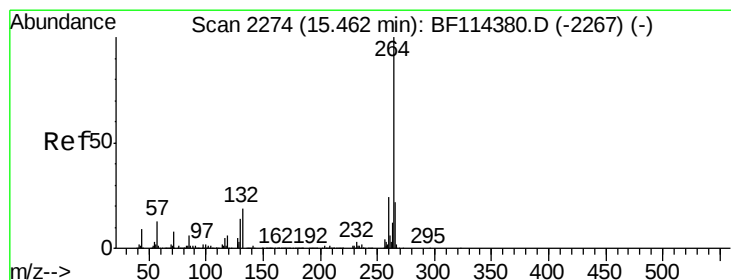
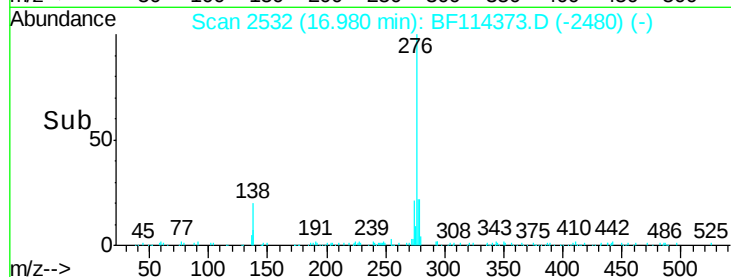
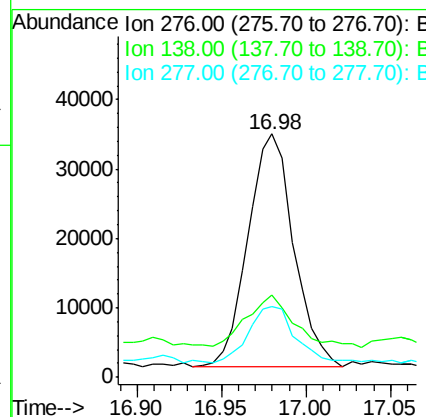
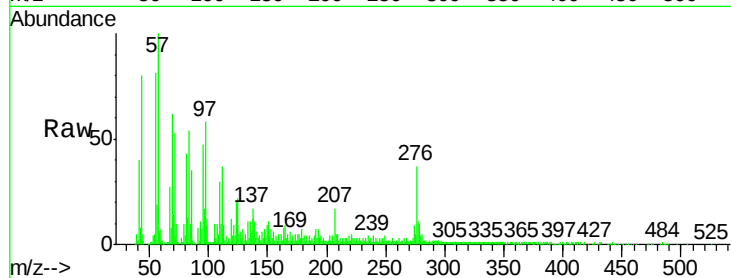
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.699 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.01 min
 Lab File: BF114373.D
 Acq: 18 May 2019 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1

Tgt Ion:	276	Resp:	63350
Ion Ratio	Lower	Upper	
276	100		
138	23.5	20.2	30.2
277	24.5	20.0	30.0

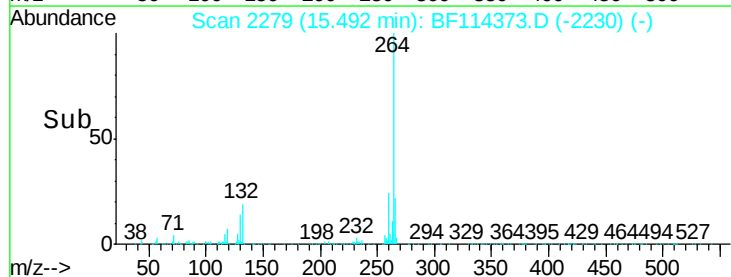
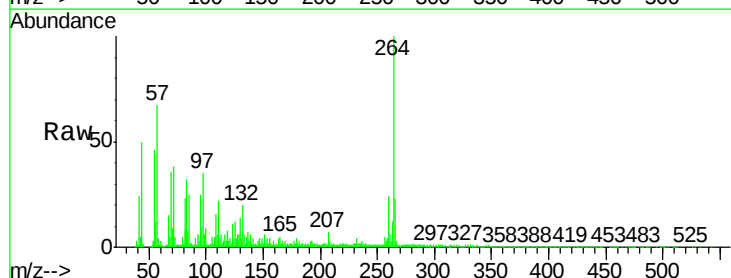
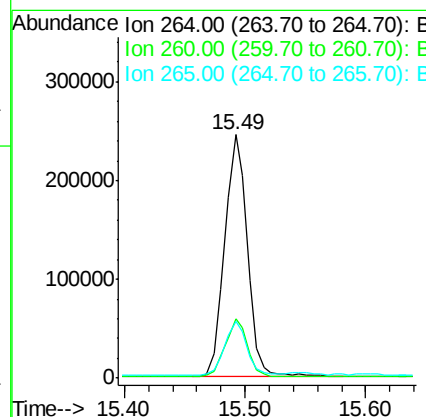
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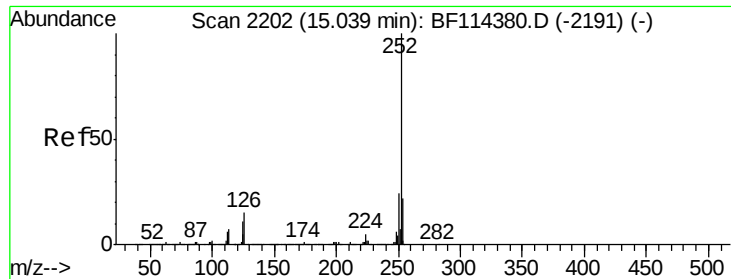
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF114373.D
 Acq: 18 May 2019 2:29

Tgt Ion:	264	Resp:	316015
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.0
265	23.1	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 8.680 ng m

RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF114373.D

Acq: 18 May 2019 2:29

Instrument :

BNA_F

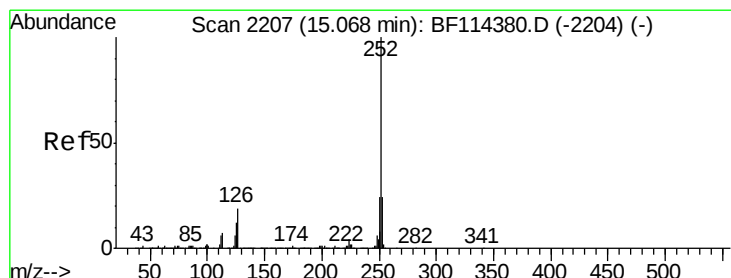
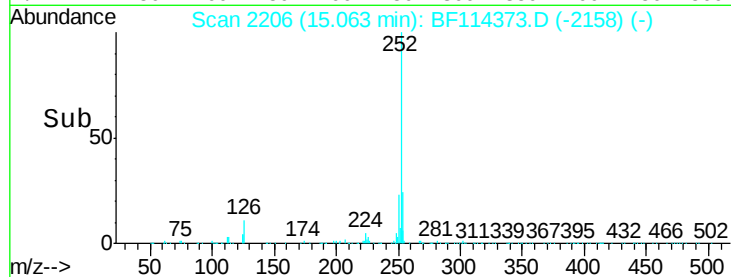
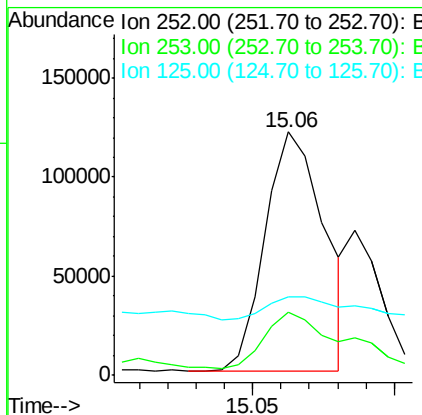
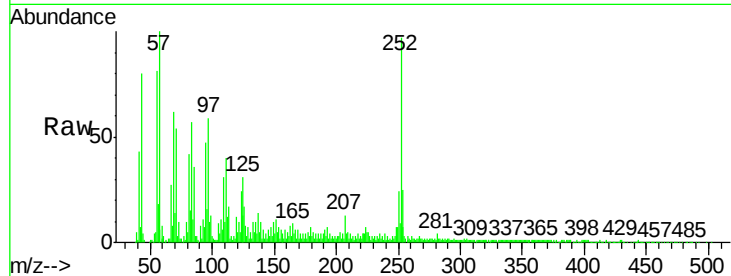
ClientSampleId :

SS-01-0-1

Tgt Ion:	252	Resp:	175733
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.8	26.8
125	32.0	8.3	12.5#

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#89

Benzo(k)fluoranthene

Concen: 3.168 ng m

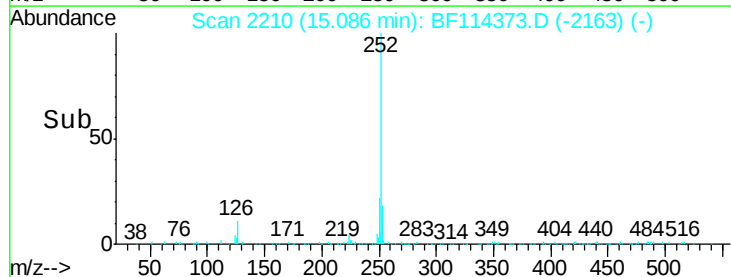
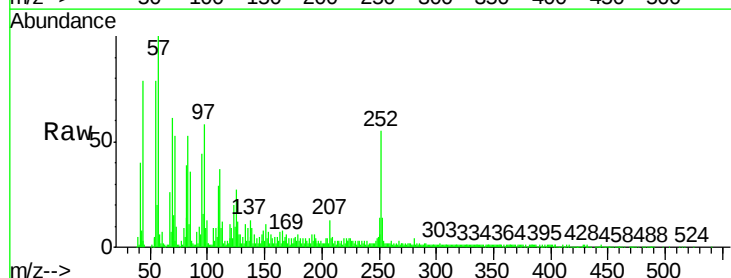
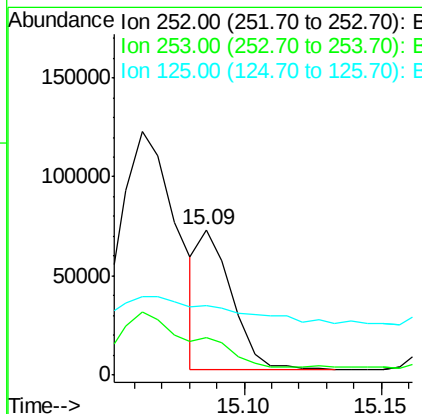
RT: 15.09 min Scan# 2210

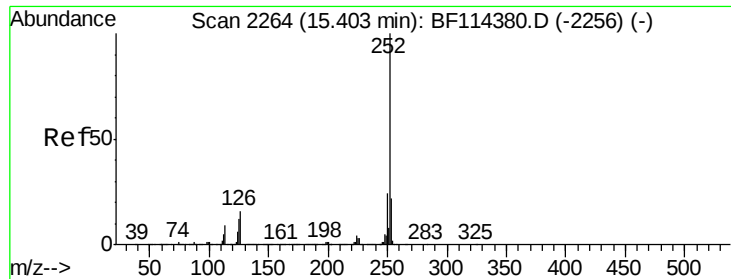
Delta R.T. -0.02 min

Lab File: BF114373.D

Acq: 18 May 2019 2:29

Tgt Ion:	252	Resp:	58917
Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.2	27.2
125	48.0	8.6	13.0#





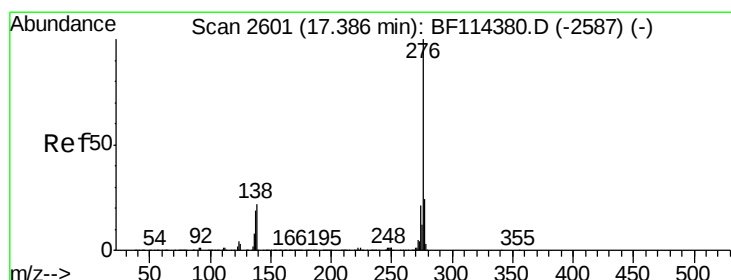
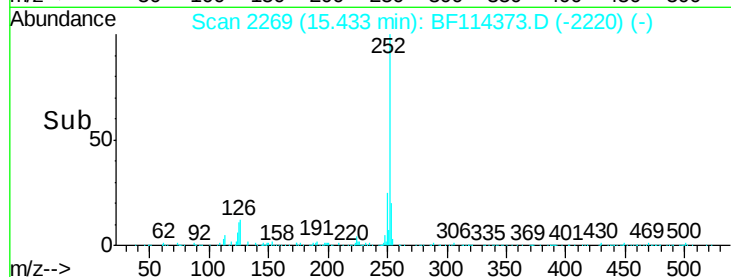
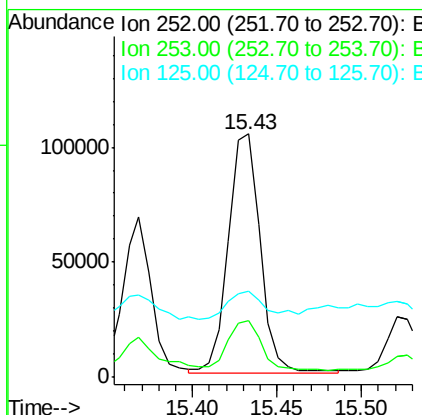
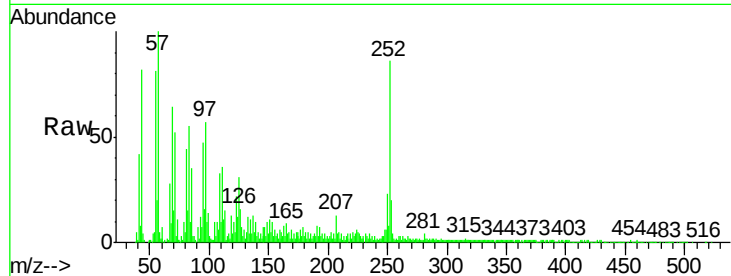
#90
Benzo(a)pyrene
Concen: 7.647 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	18.1	27.1
125	35.6	9.5	14.3

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#92
Benzo(g,h,i)perylene
Concen: 3.652 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BF114373.D
Acq: 18 May 2019 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	28.2	19.0	28.4
138	37.8	17.8	26.6

