

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114729.D
 Acq On : 1 Jun 2019 1:27
 Operator : HP/JU
 Sample : K3051-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

Manual Integrations
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Quant Time: Jun 01 03:24:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	461407	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1650719	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	705933	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1106050	20.00	ng	0.00
76) Chrysene-d12	13.83	240	696192	20.00	ng	0.01
87) Perylene-d12	15.22	264	709102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2556145	97.26	ng	0.02
7) Phenol-d6	6.33	99	3162431	99.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	1948910	73.66	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	688679	102.38	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2936139	76.54	ng	0.00
79) Terphenyl-d14	12.79	244	2171136	58.63	ng	0.00
Target Compounds						
10) Phenol	6.35	94	77767	2.033	ng	89
50) Dimethylphthalate	9.44	163	249104	5.064	ng	# 99
71) Phenanthrene	11.22	178	145353	2.576	ng	# 85
75) Fluoranthene	12.40	202	231863	3.969	ng	94
78) Pyrene	12.63	202	311744	5.293	ng	95
81) Benzo(a)anthracene	13.82	228	118068	2.207	ng	# 64
83) Chrysene	13.85	228	175271	3.429	ng	# 76
84) Bis(2-ethylhexyl)phthalate	13.83	149	327104	8.940	ng	# 96
88) Benzo(b)fluoranthene	14.83	252	115240m	2.580	ng	

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

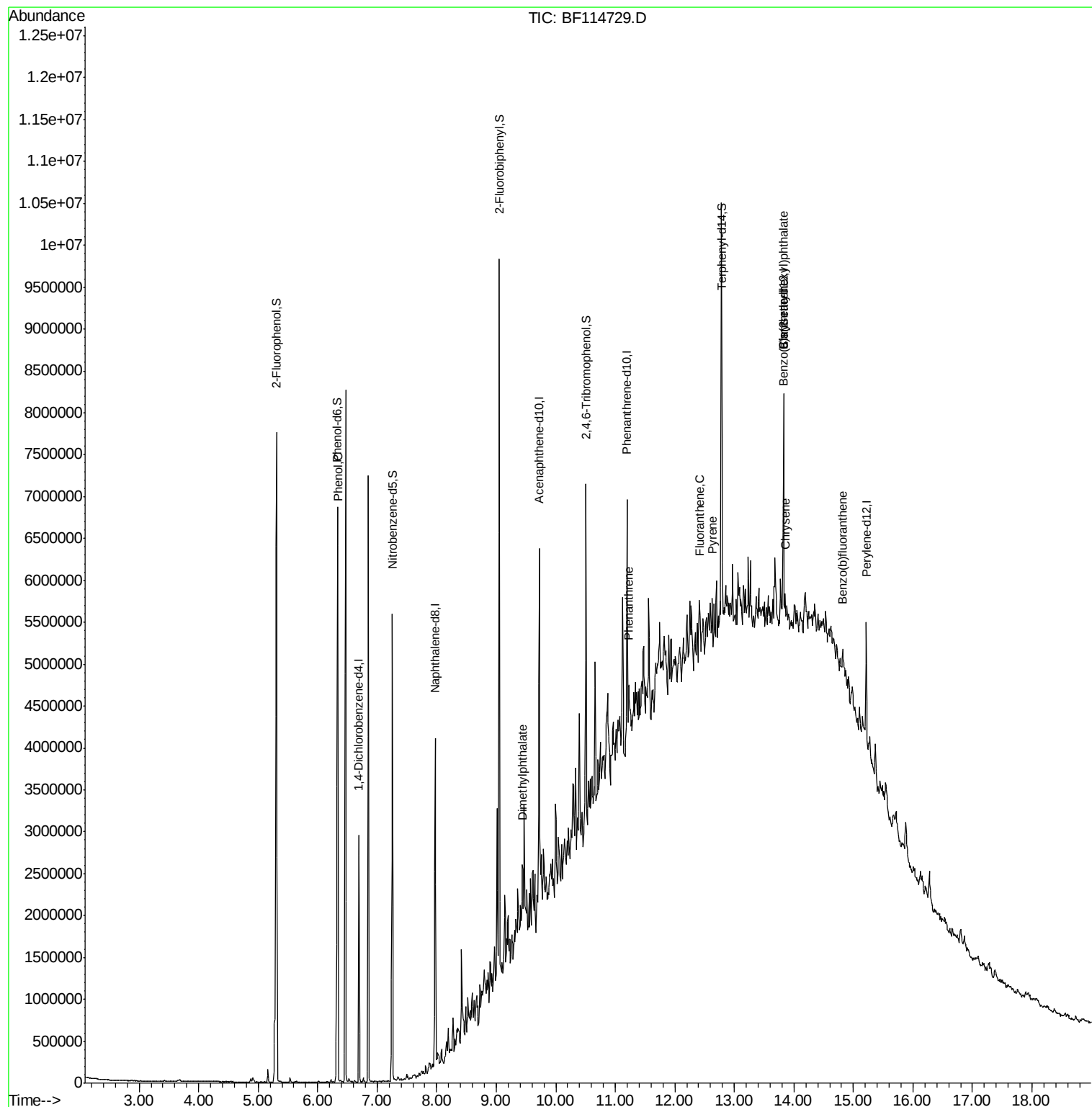
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114729.D
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Sample : K3051-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-B

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#1

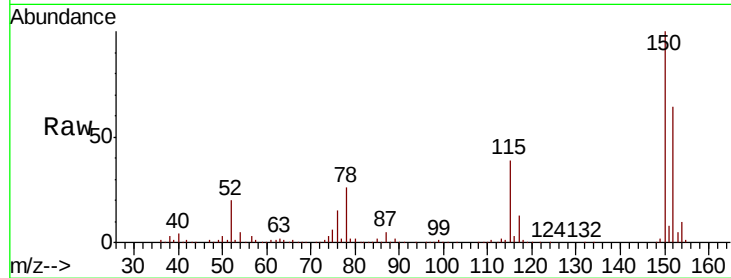
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Instrument :
BNA_F
ClientSampled :
SP-1-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.4	186.6
115	61.5	48.7	73.1

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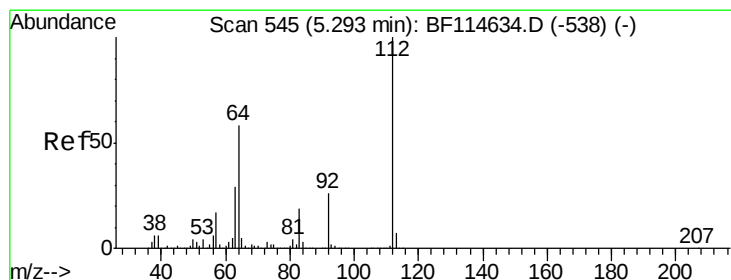
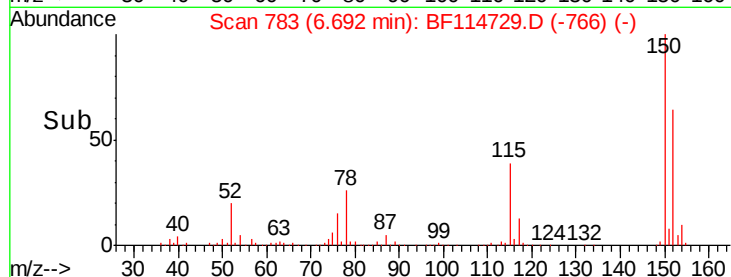
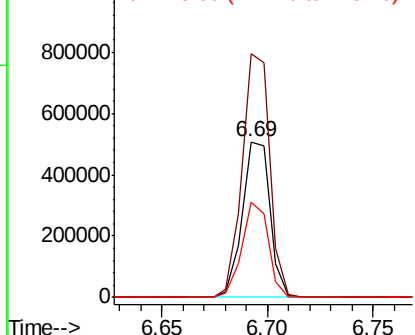


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

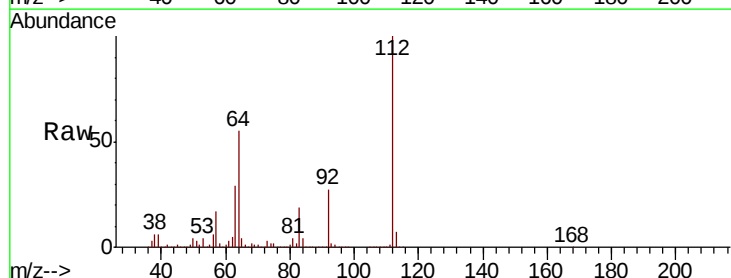
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.264 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.1	69.1
63	28.9	23.4	35.2

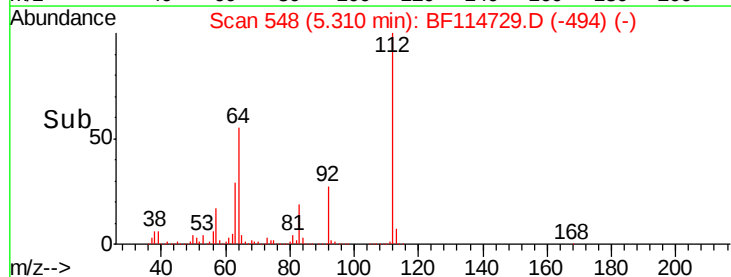
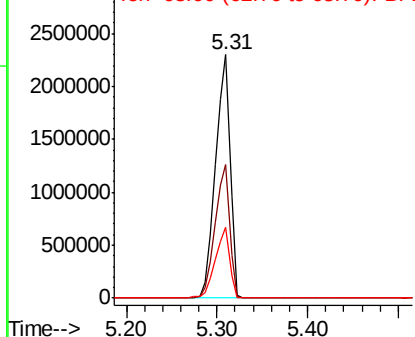


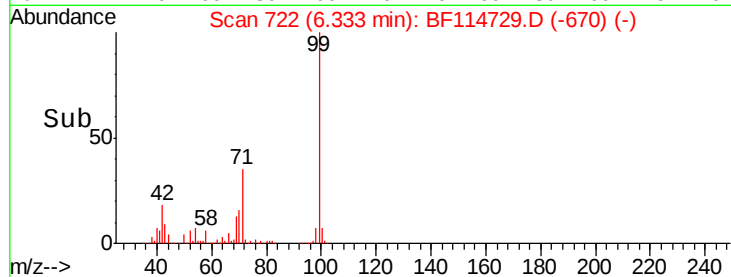
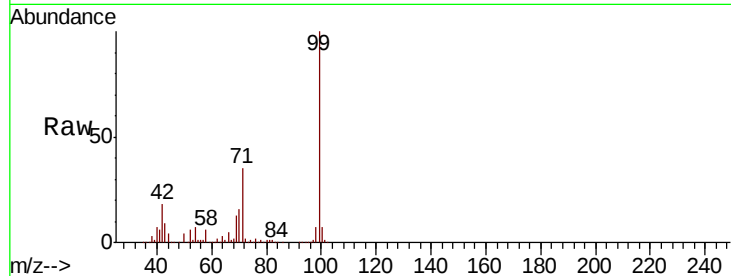
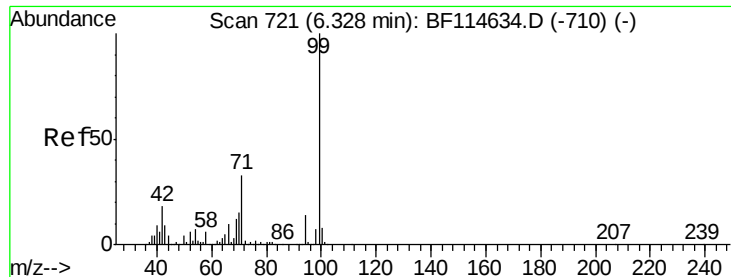
Abundance

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: 99.860 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Tot Ion: 99 Resp: 3162431

Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 35.3 26.6 40.0

Instrument :

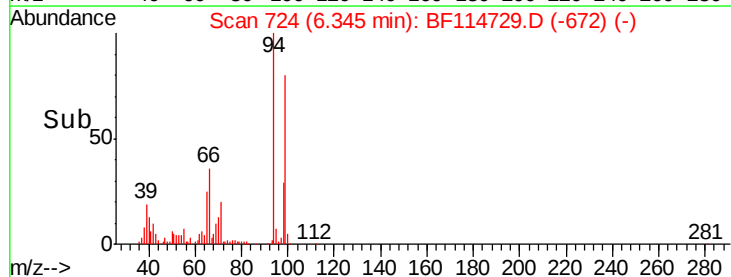
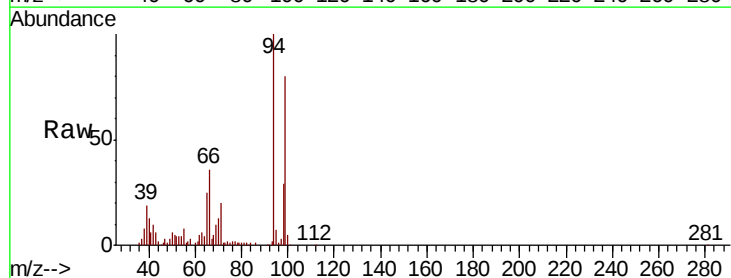
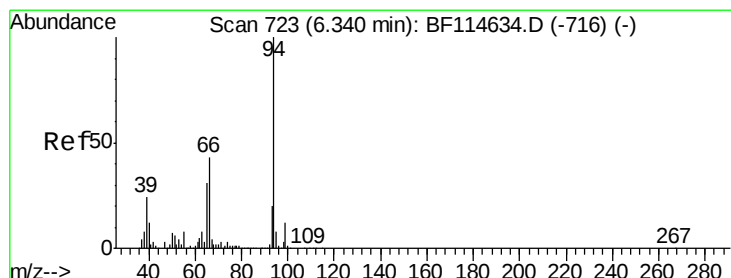
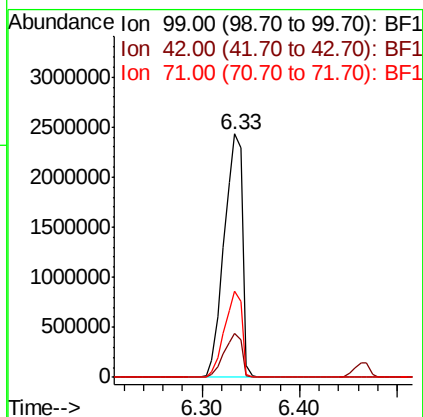
BNA_F

ClientSampleId :

SP-1-B

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#10

Phenol

Concen: 2.033 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

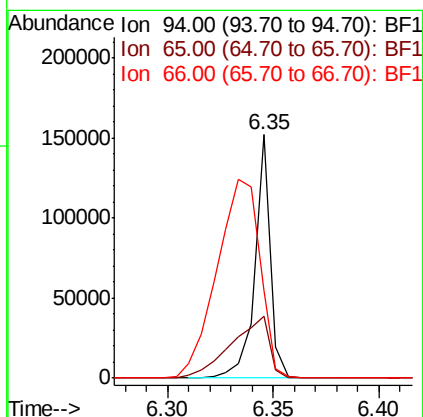
Tgt Ion: 94 Resp: 77767

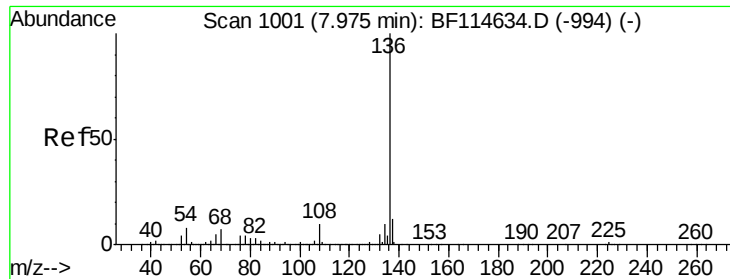
Ion Ratio Lower Upper

94 100

65 25.3 11.0 51.0

66 35.9 23.0 63.0





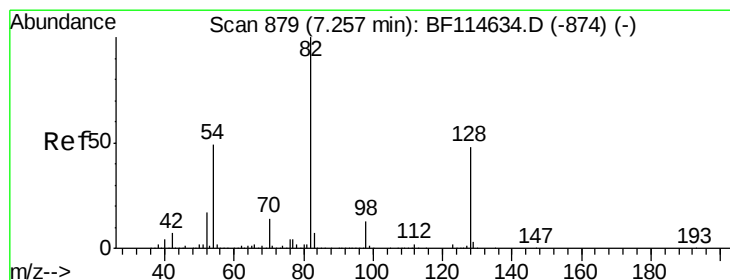
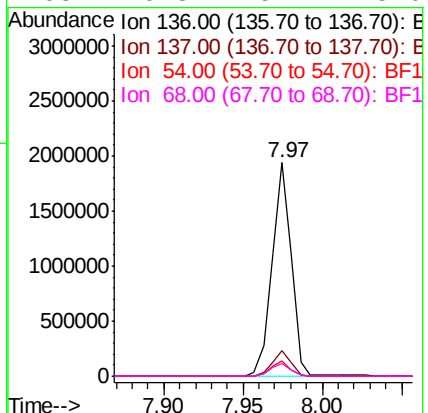
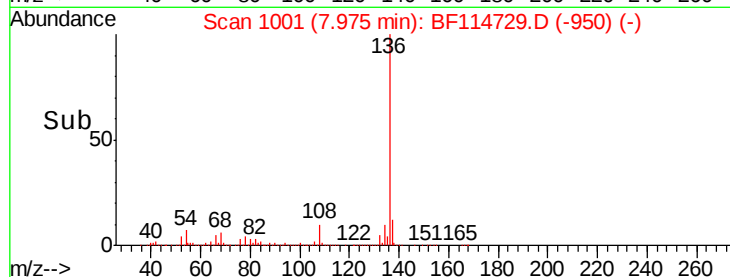
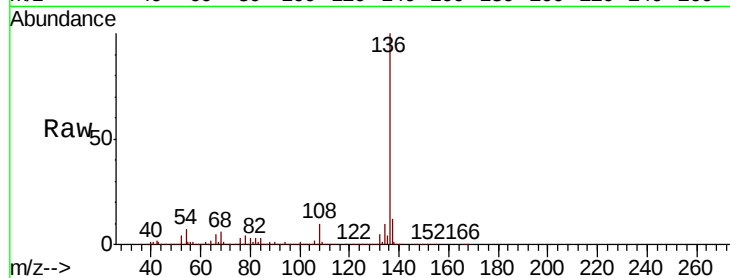
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Instrument :
BNA_F
ClientSampleId :
SP-1-B

Tot Ion:	136	Resp:	1650719
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	7.1	6.3	9.5
68	6.3	5.4	8.0

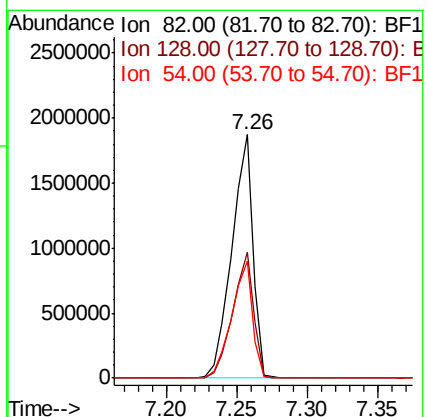
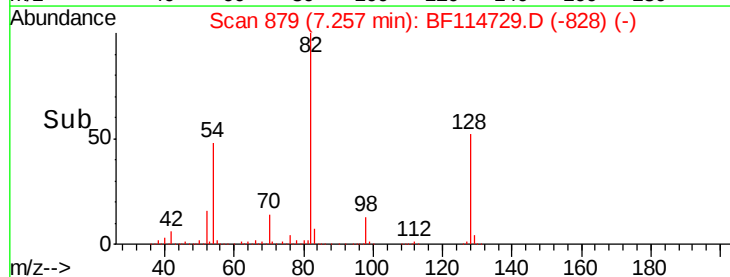
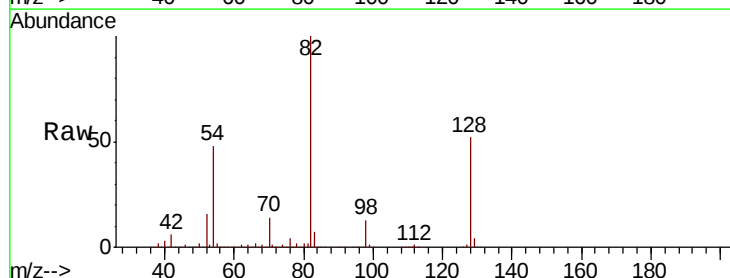
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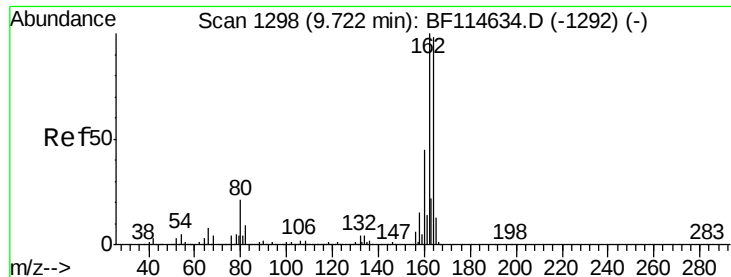
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#23
Nitrobenzene-d5
Concen: 73.659 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Tgt Ion:	82	Resp:	1948910
Ion	Ratio	Lower	Upper
82	100		
128	51.9	38.5	57.7
54	47.8	39.1	58.7





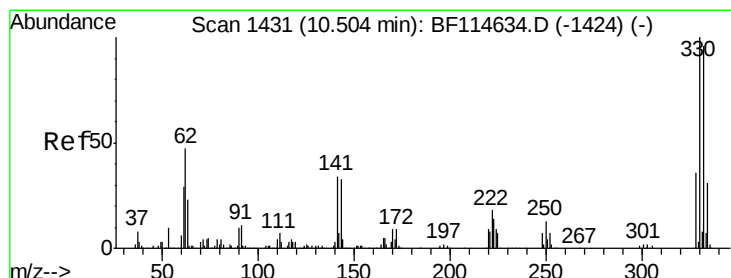
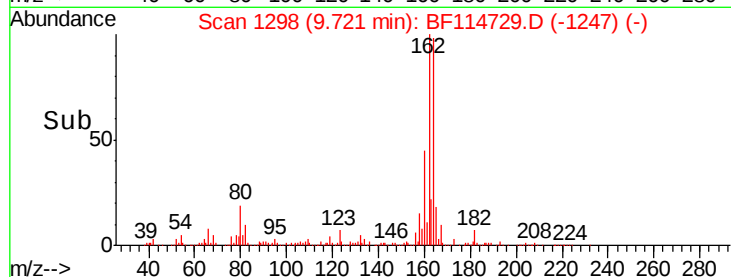
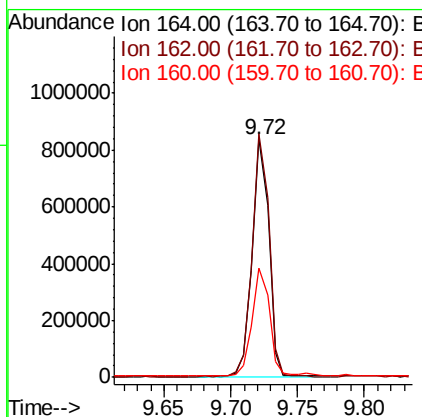
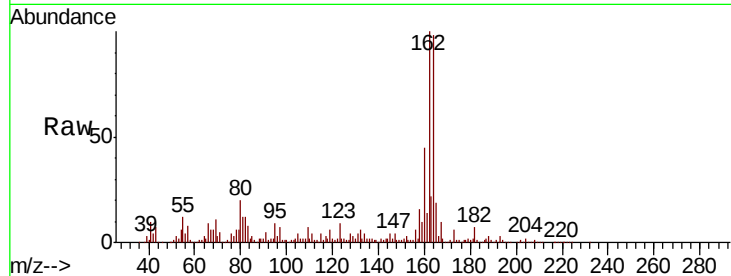
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Instrument :
BNA_F
ClientSampled :
SP-1-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.4	122.2	
160	45.7	36.6	54.8	

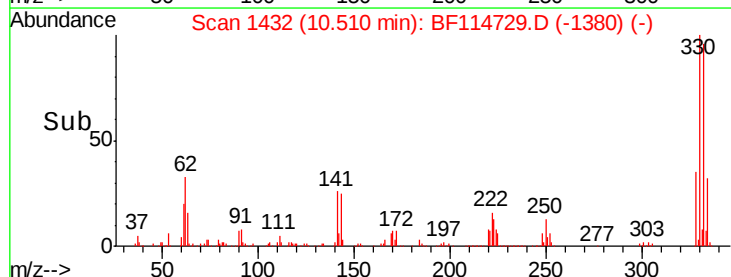
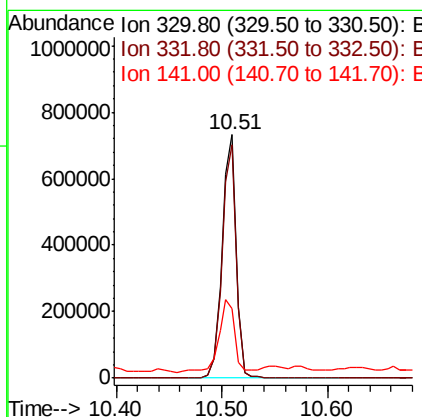
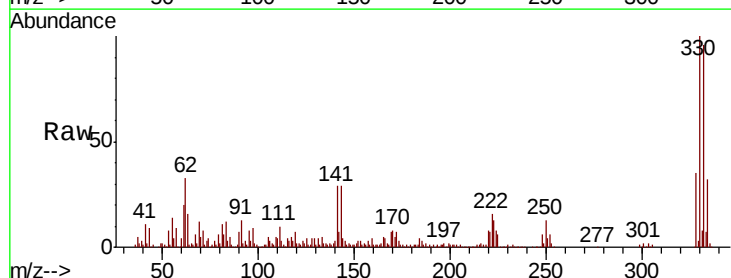
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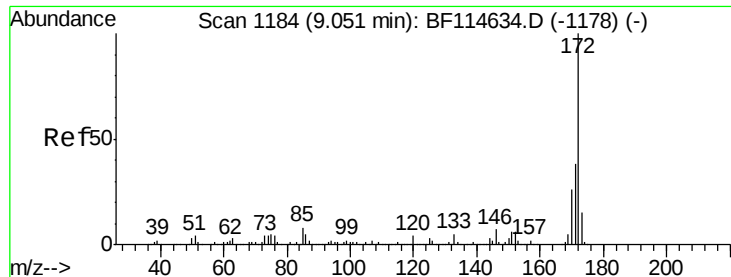
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#42
2,4,6-Tribromophenol
Concen: 102.384 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	75.8	113.8	
141	33.0	27.8	41.8	





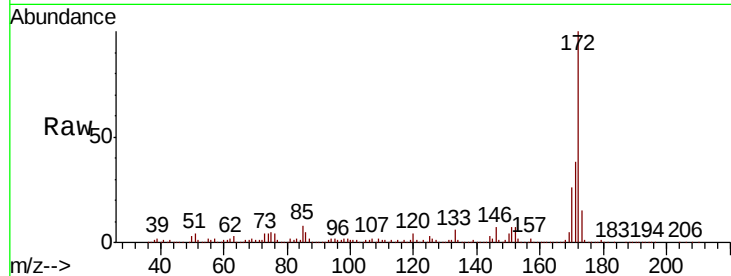
#45
 2-Fluorobiphenyl
 Concen: 76.537 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

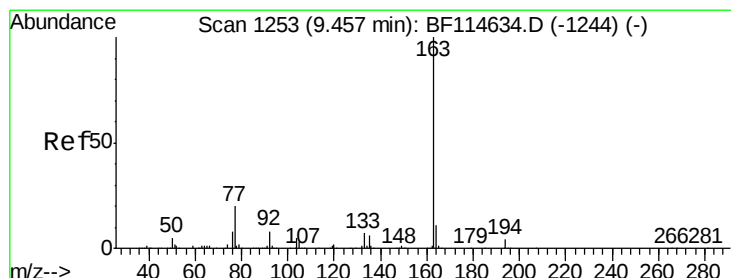
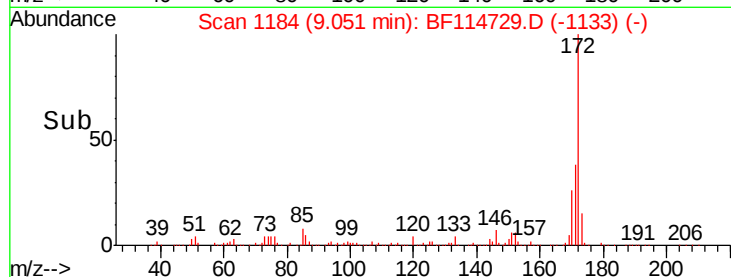
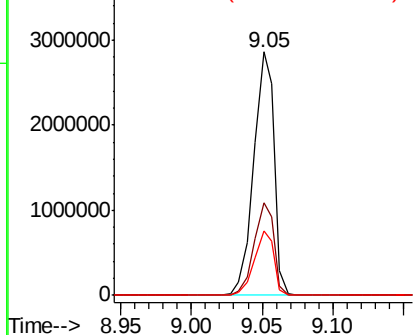
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.6	45.8
170	26.4	20.7	31.1

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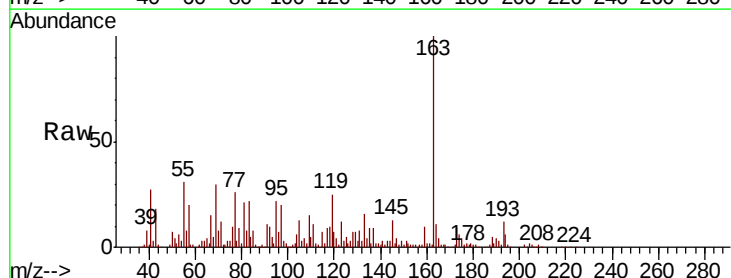


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

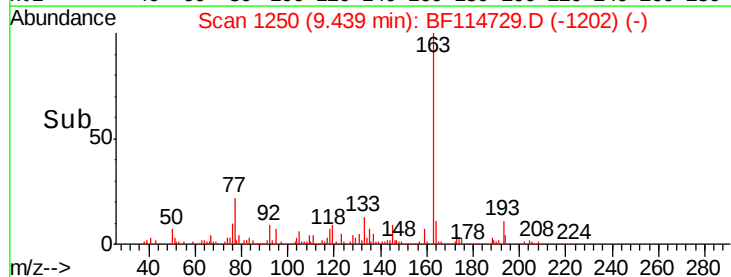
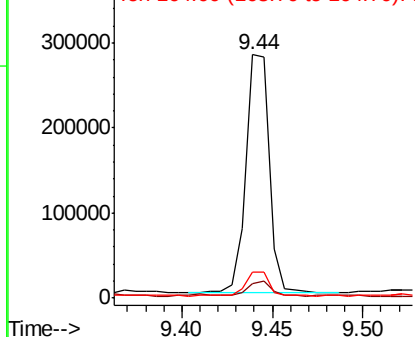


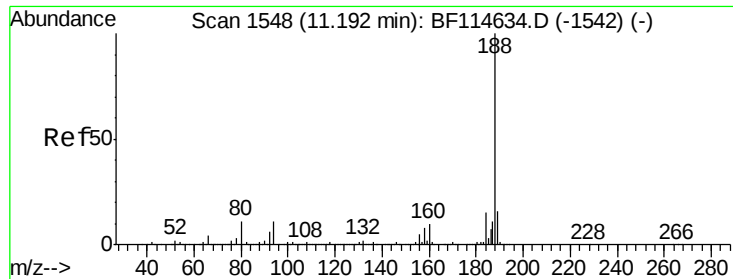
#50
 Dimethylphthalate
 Concen: 5.064 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.0#
164	10.9	8.6	13.0



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: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Instrument :

BNA_F

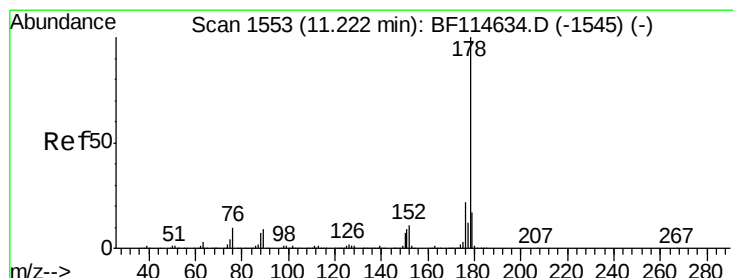
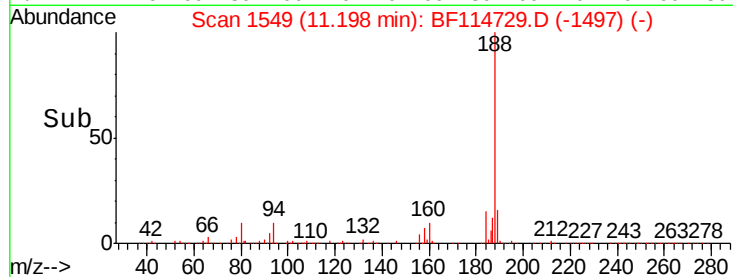
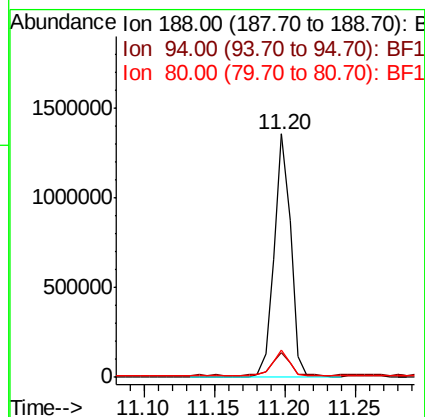
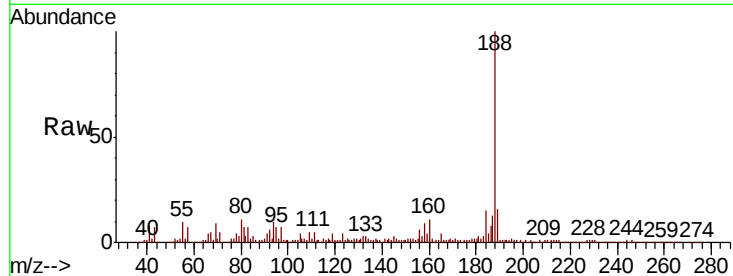
ClientSampleId :

SP-1-B

Tot Ion:	188	Resp:	1106050
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	11.2	9.0	13.6

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#71

Phenanthrene

Concen: 2.576 ng

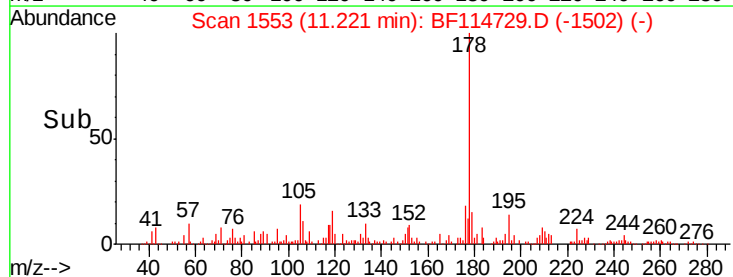
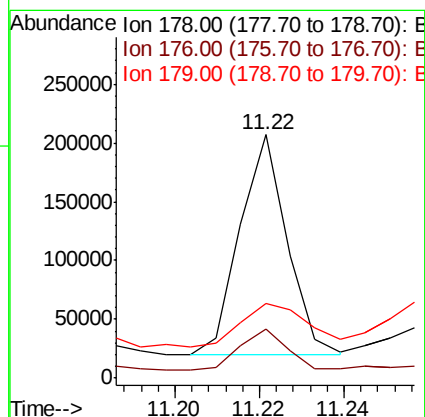
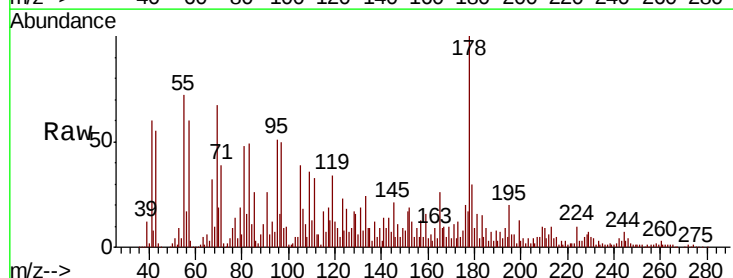
RT: 11.22 min Scan# 1553

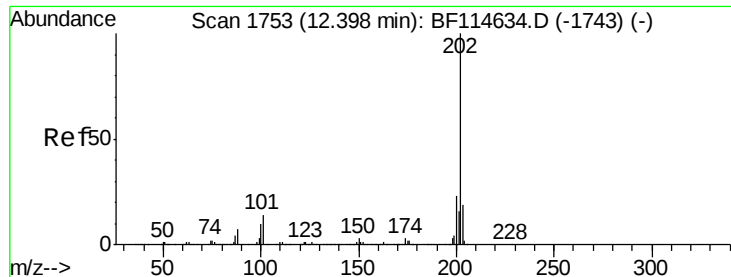
Delta R.T. 0.00 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Tgt Ion:	178	Resp:	145353
Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.2	25.8
179	30.5	13.9	20.9#





#75

Fluoranthene

Concen: 3.969 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Instrument :

BNA_F

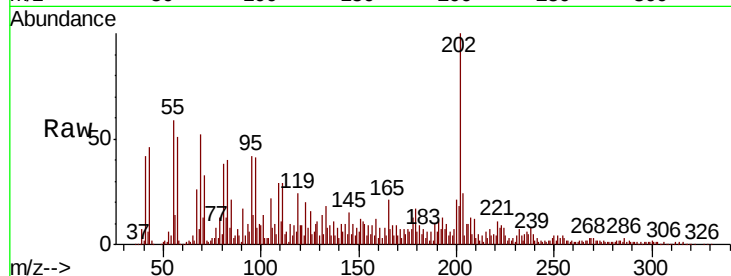
ClientSampleId :

SP-1-B

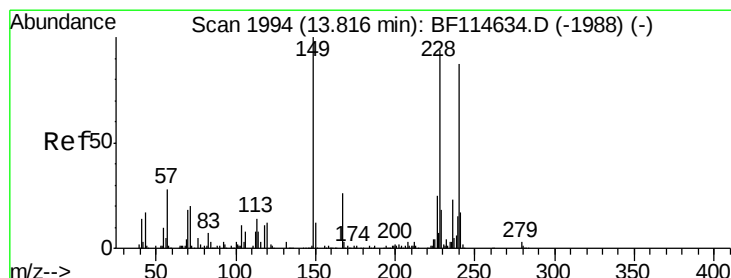
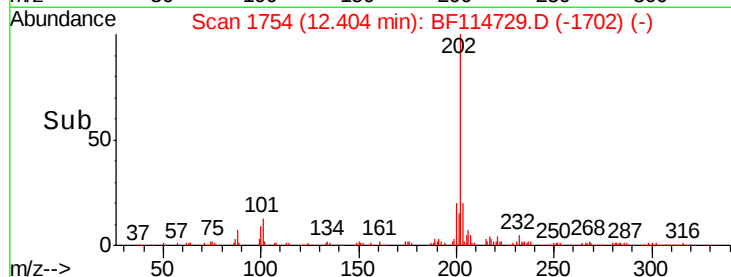
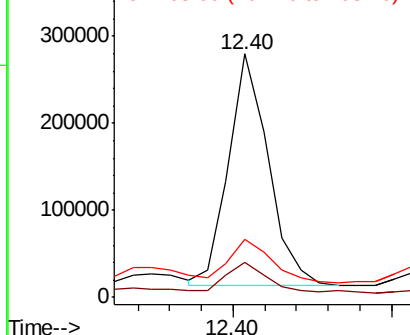
Tot Ion:	202	Resp:	231863
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	33.9
203	23.8	0.0	39.1

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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

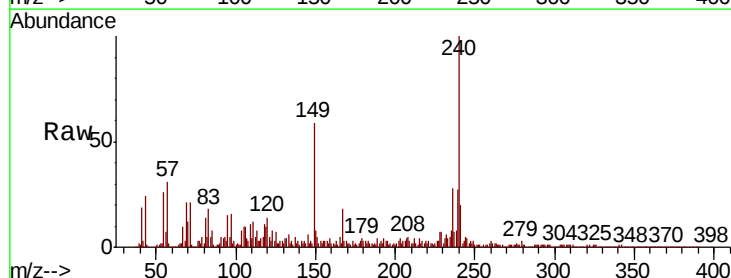
RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

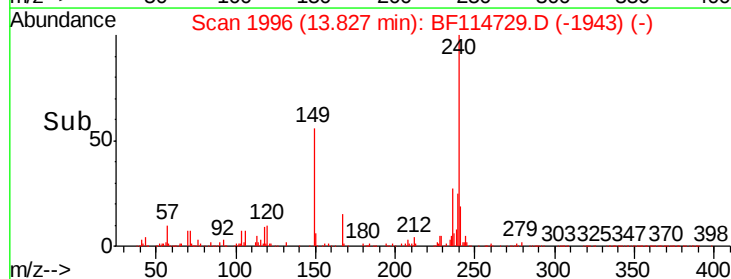
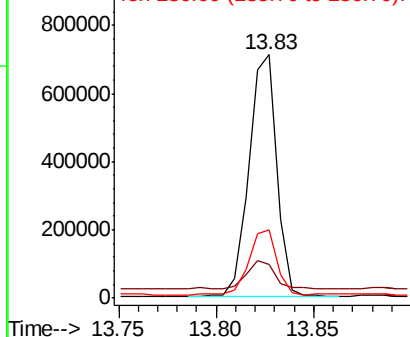
Lab File: BF114729.D

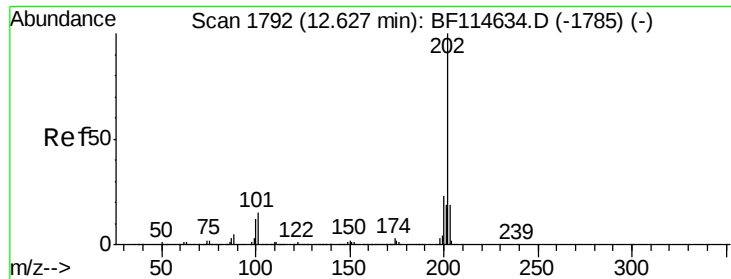
Acq: 1 Jun 2019 1:27

Tgt Ion:	240	Resp:	696192
Ion Ratio	Lower	Upper	
240	100		
120	14.0	11.2	16.8
236	28.3	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





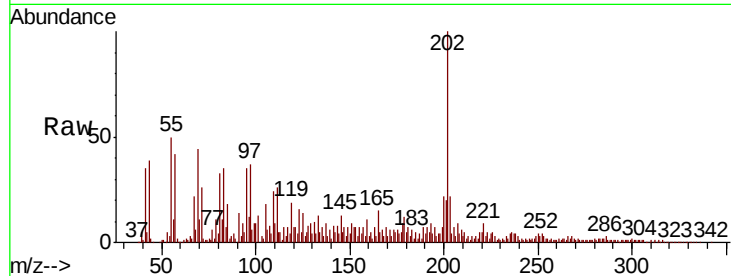
#78
Pvrene
Concen: 5.293 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Instrument :
BNA_F
ClientSampleId :
SP-1-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.6	28.0
203	22.4	15.4	23.2

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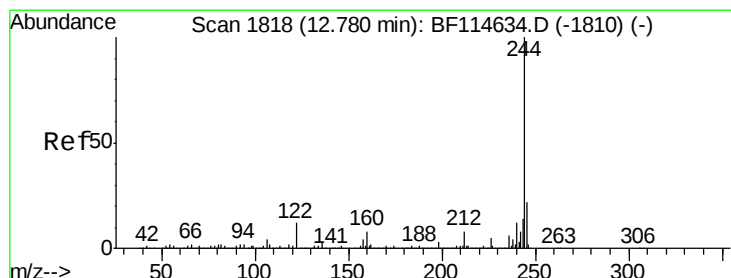
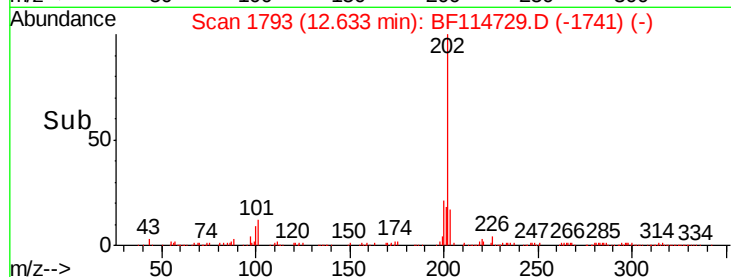
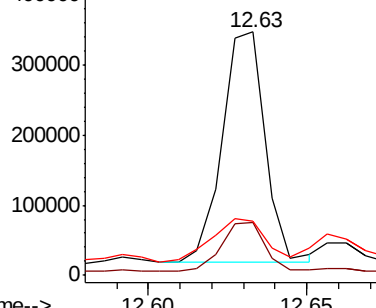


Abundance

Ion 202.00 (201.70 to 202.70): E

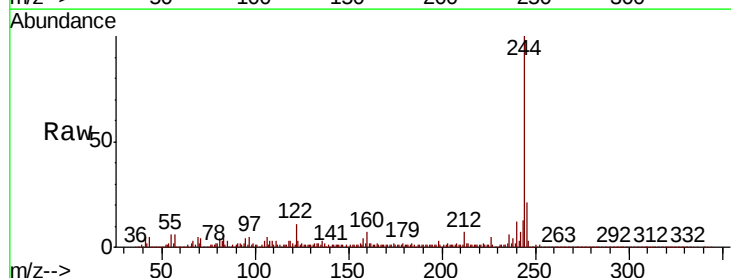
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 58.634 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.2	9.8	14.8

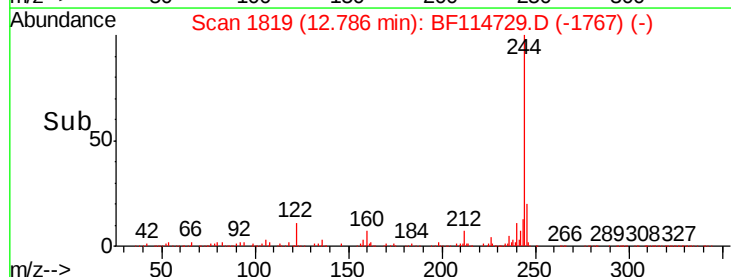
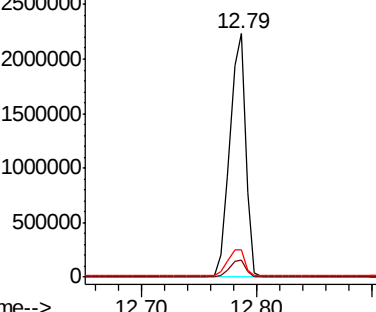


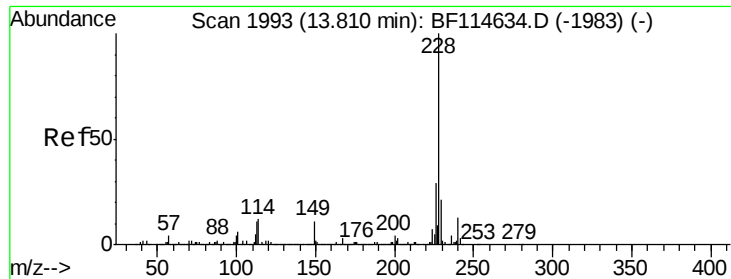
Abundance

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: 2.207 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Instrument :

BNA_F

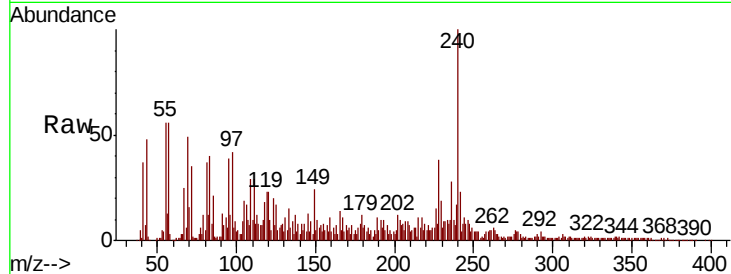
ClientSampleId :

SP-1-B

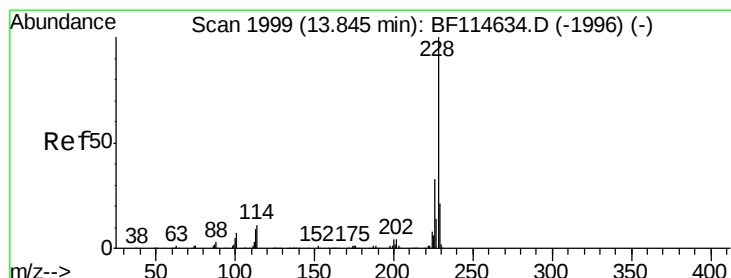
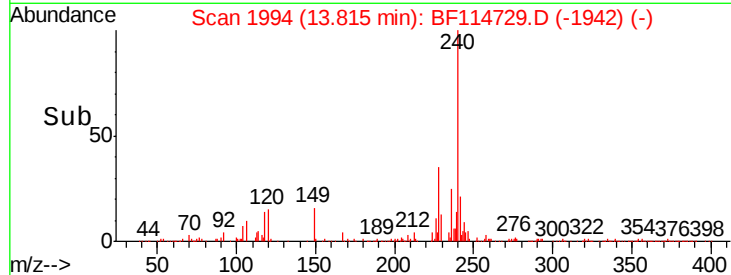
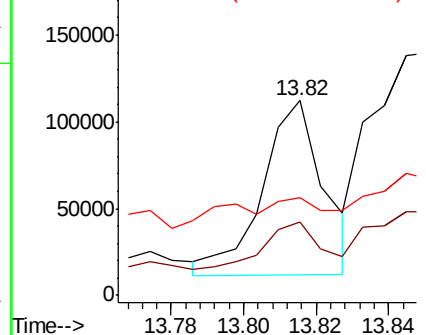
Tot Ion:	228	Resp:	118068
Ion Ratio	Lower	Upper	
228	100		
226	38.0	23.0	34.6#
229	50.4	17.0	25.4#

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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: 3.429 ng

RT: 13.85 min Scan# 2000

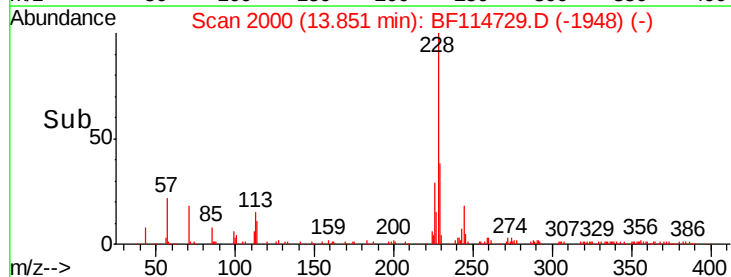
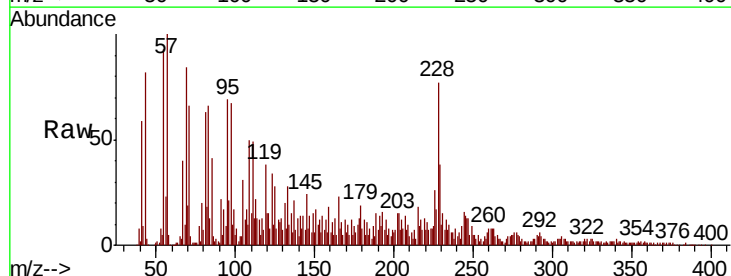
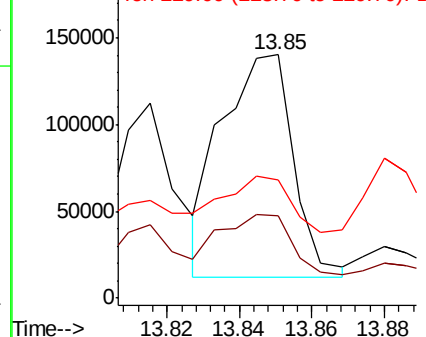
Delta R.T. 0.01 min

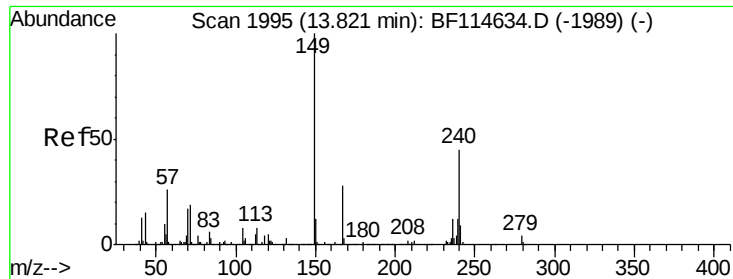
Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Tgt Ion:	228	Resp:	175271
Ion Ratio	Lower	Upper	
228	100		
226	34.1	26.4	39.6
229	48.6	17.1	25.7#

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.940 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Instrument :

BNA_F

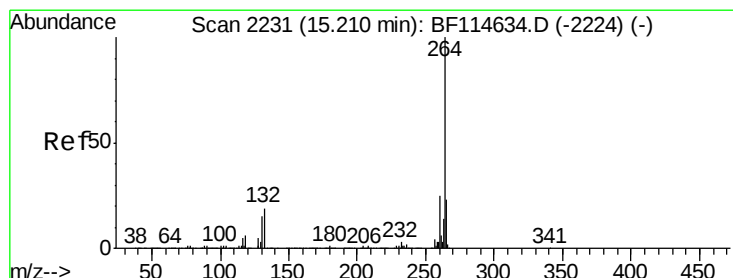
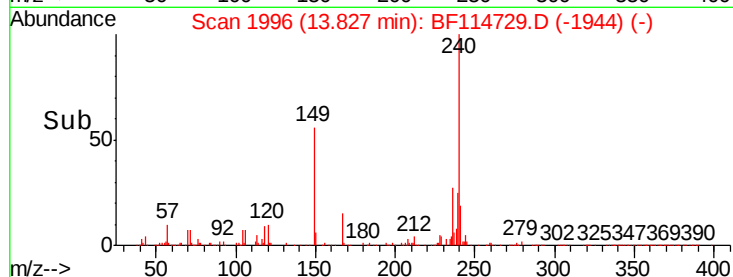
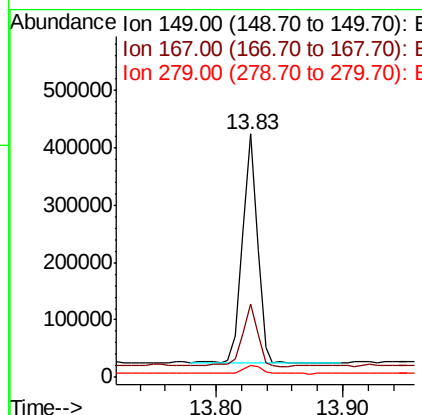
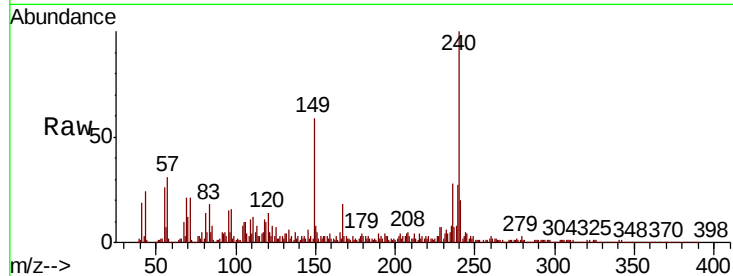
ClientSampled :

SP-1-B

Tot Ion:	149	Resp:	327104
Ion Ratio	Lower	Upper	
149	100		
167	30.0	22.6	33.8
279	5.1	3.0	4.4#

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#87

Perylene-d12

Concen: 20.000 ng

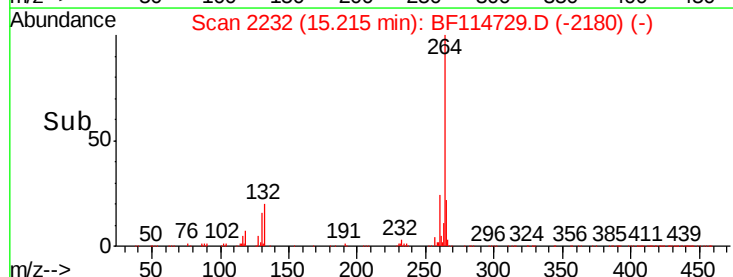
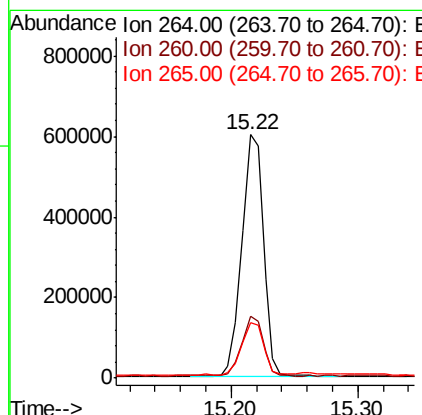
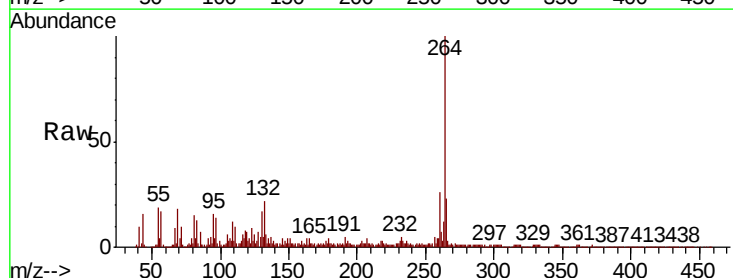
RT: 15.22 min Scan# 2232

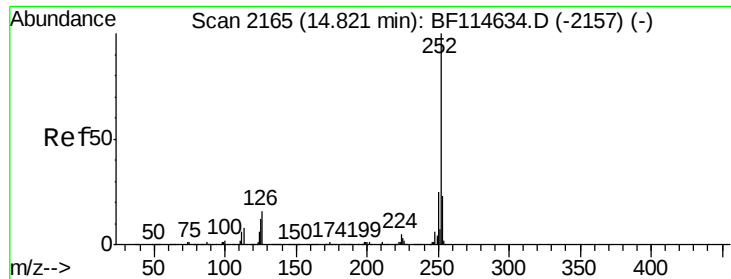
Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Tgt Ion:	264	Resp:	709102
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.7	29.5
265	22.9	18.1	27.1





#88

Benzo(b)fluoranthene

Concen: 2.580 ng/mL

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Instrument :

BNA_F

ClientSampleID :

SP-1-B

Tot Ion:	252	Resp:	115240
Ion Ratio	Lower	Upper	
252	100		
253	35.3	18.7	28.1#
125	56.7	9.4	14.2#

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