

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113339.D
 Acq On : 27 Mar 2019 19:10
 Operator : JU/SJ
 Sample : K2097-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-22

Manual Integrations
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Sohil
 3/28/2019 8:41:16 AM

Quant Time: Mar 28 04:12:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168896	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	619244	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	284841	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	506659	20.00	ng	0.00
76) Chrysene-d12	13.83	240	386590	20.00	ng	-0.01
87) Perylene-d12	15.24	264	428385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	906872	87.80	ng	0.00
7) Phenol-d6	6.35	99	1197522	91.64	ng	0.00
23) Nitrobenzene-d5	7.26	82	776461	74.42	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	273796	77.82	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1284293	66.92	ng	0.00
79) Terphenyl-d14	12.79	244	986003	56.22	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	107855	7.230	ng	Qvalue # 64
50) Dimethylphthalate	9.45	163	120917	5.728	ng	99
75) Fluoranthene	12.42	202	183017	6.434	ng	99
78) Pyrene	12.64	202	170029	6.347	ng	98
81) Benzo(a)anthracene	13.82	228	76828	3.472	ng	95
83) Chrysene	13.86	228	175664	7.815	ng	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	86459	4.482	ng	97
88) Benzo(b)fluoranthene	14.84	252	284397m	10.687	ng	
89) Benzo(k)fluoranthene	14.86	252	86178m	3.688	ng	
90) Benzo(a)pyrene	15.17	252	82481	3.496	ng	# 97
92) Benzo(g,h,i)perylene	16.99	276	78792	3.831	ng	99

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

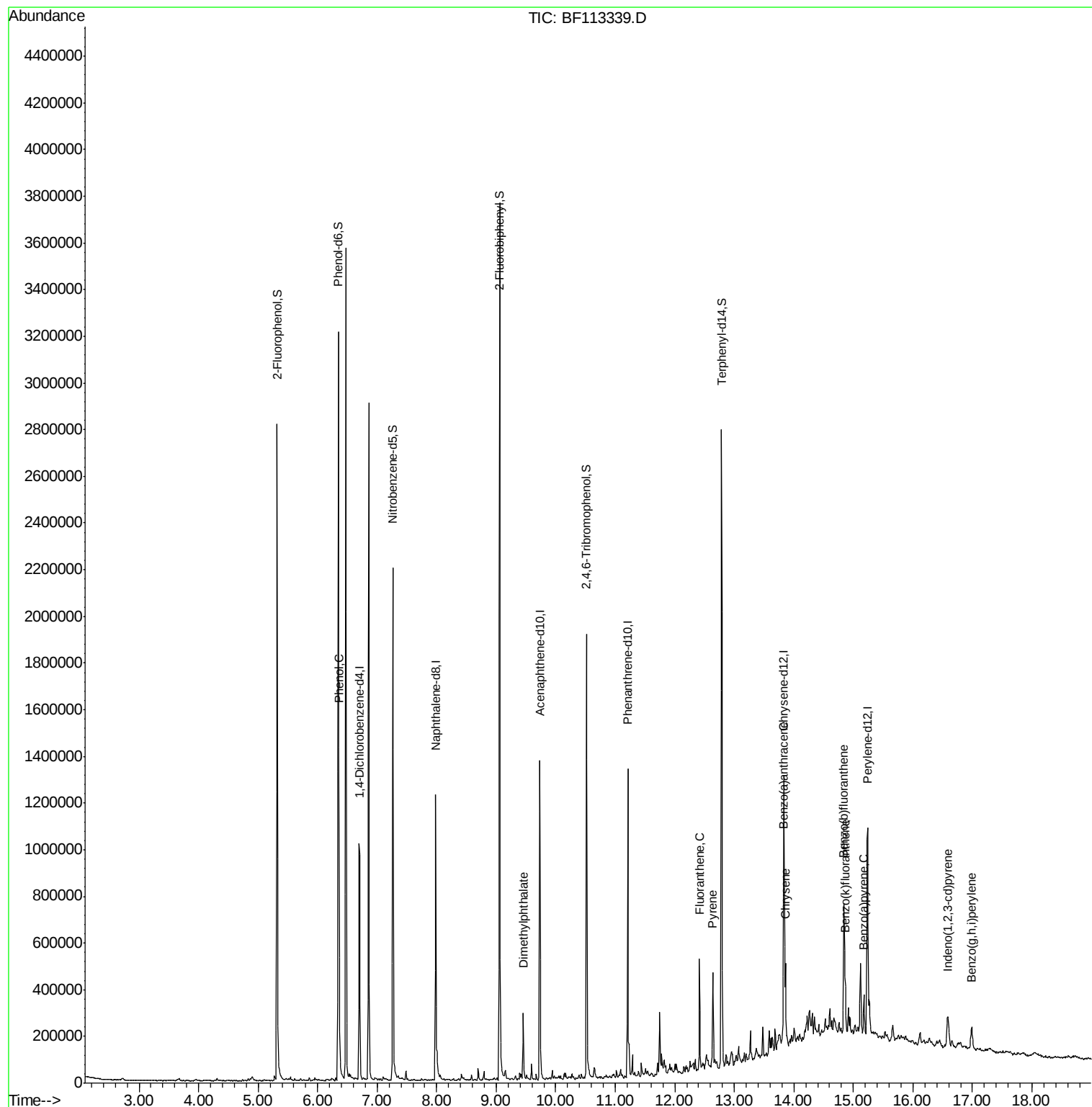
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
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#1

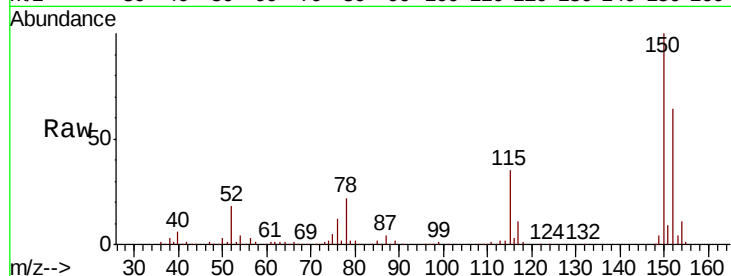
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampled :
CS-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.7	187.1
115	54.1	46.0	69.0

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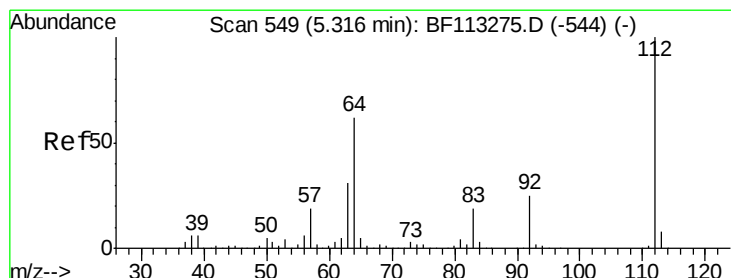
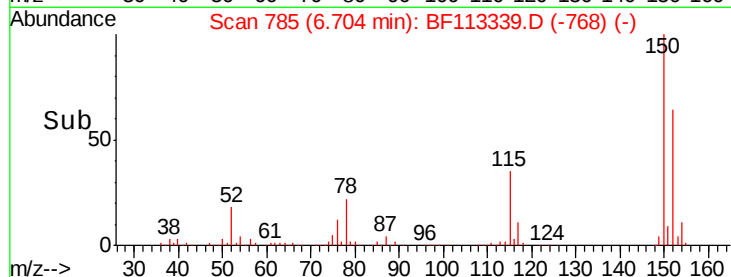
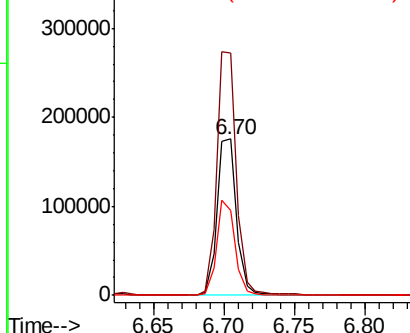


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

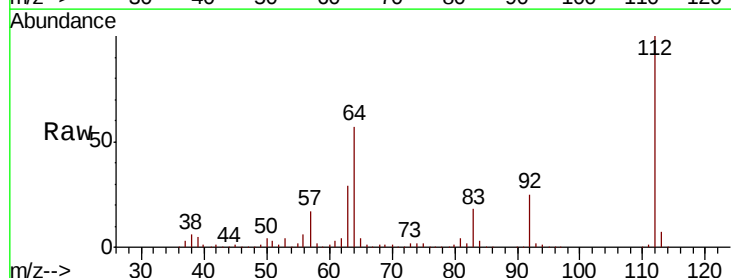
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.796 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	49.2	73.8
63	28.9	24.9	37.3

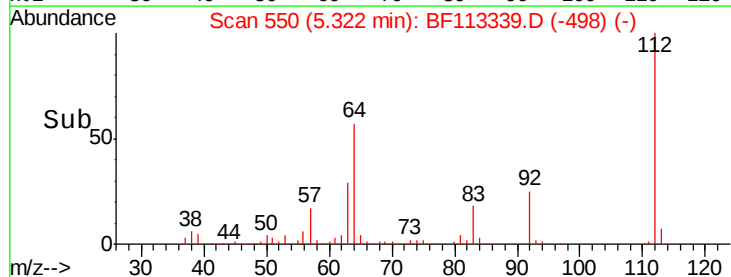
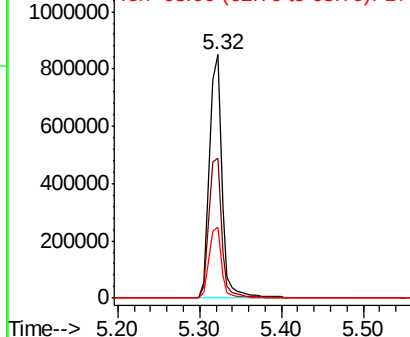


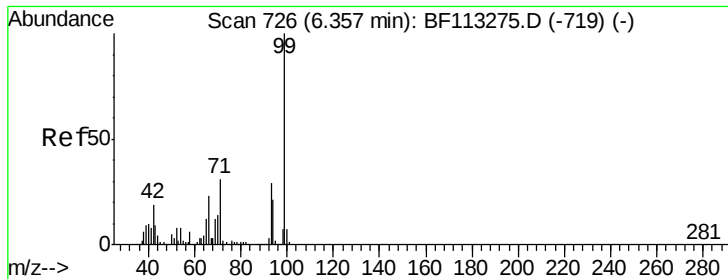
Abundance

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: 91.644 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113339.D

Acq: 27 Mar 2019 19:10

Instrument :

BNA_F

ClientSampled :

CS-22

Tot Ion: 99 Resp: 1197522

Ion Ratio Lower Upper

99 100

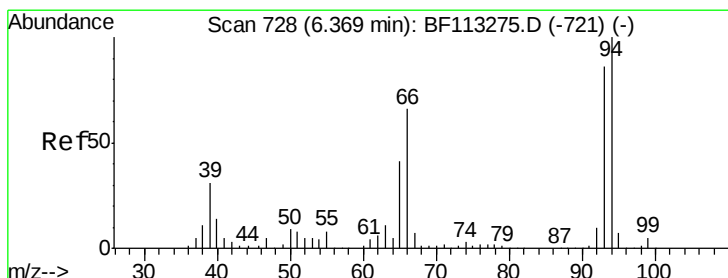
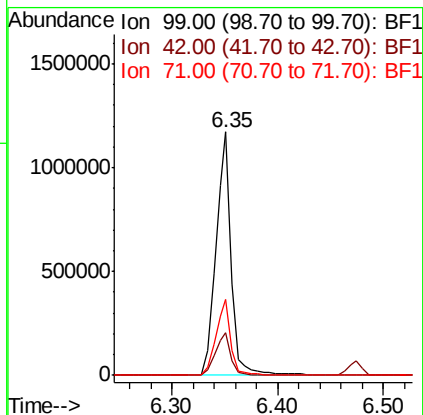
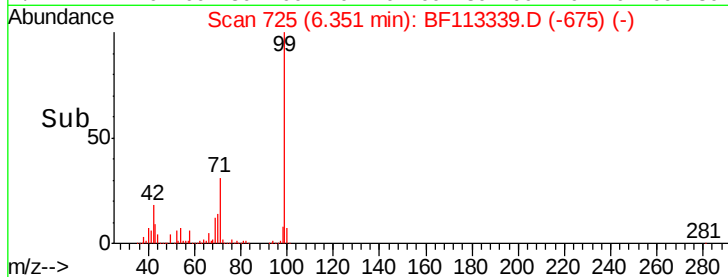
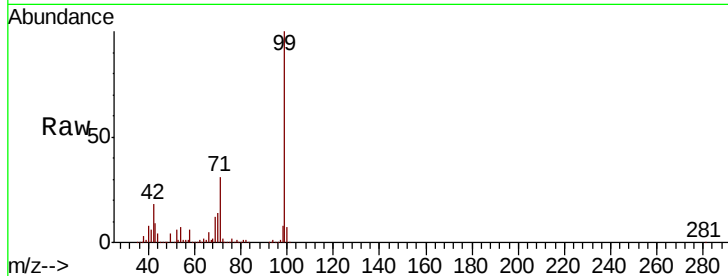
42 17.7 14.8 22.2

71 31.0 24.9 37.3

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#10

Phenol

Concen: 7.230 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113339.D

Acq: 27 Mar 2019 19:10

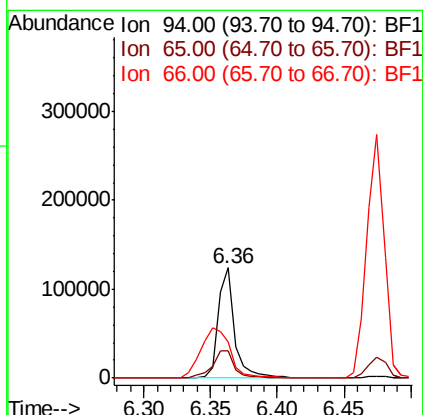
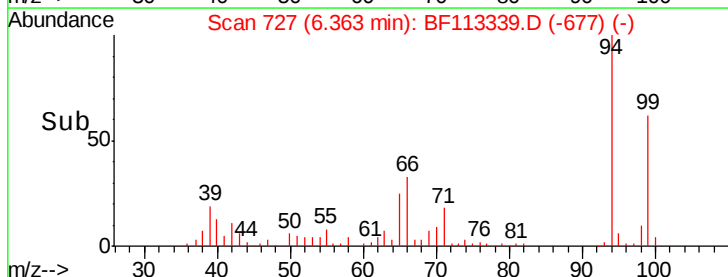
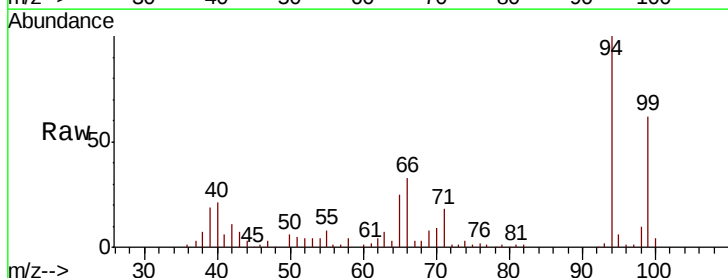
Tgt Ion: 94 Resp: 107855

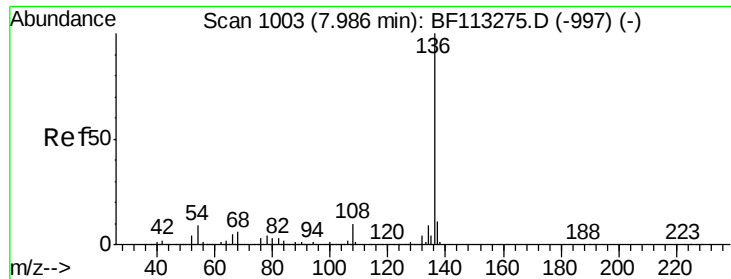
Ion Ratio Lower Upper

94 100

65 24.9 21.4 61.4

66 32.9 46.4 86.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113339.D

Acq: 27 Mar 2019 19:10

Instrument :

BNA_F

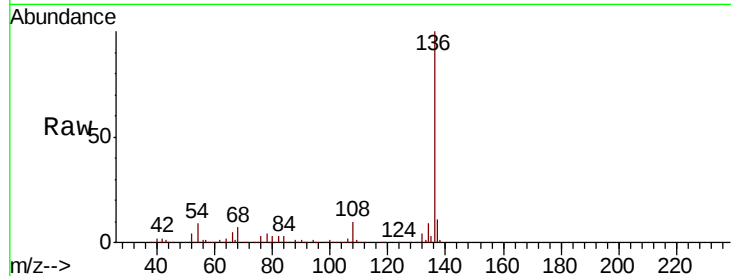
ClientSampleId :

CS-22

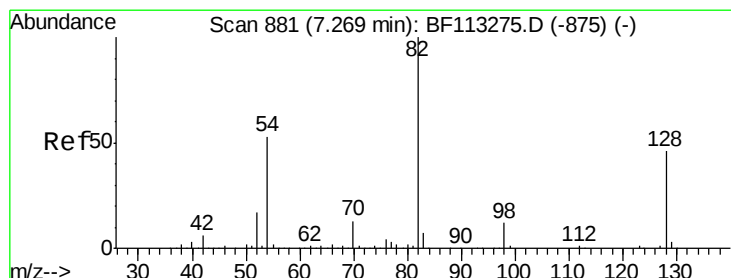
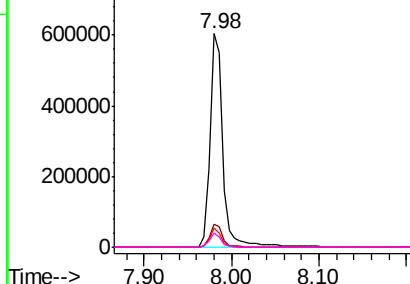
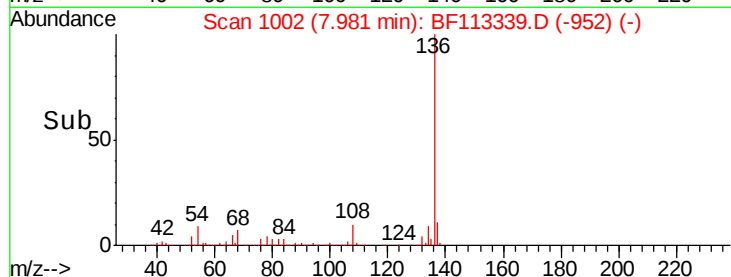
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	7.0	10.6
68	6.5	4.8	7.2

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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: 74.423 ng

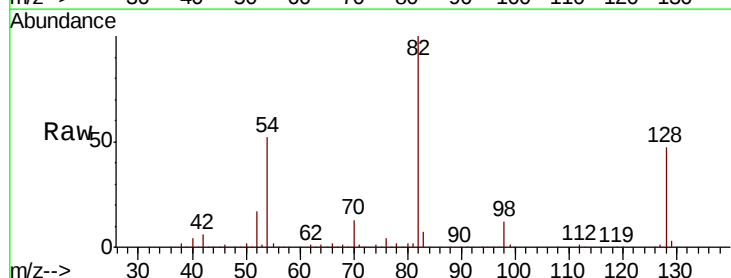
RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

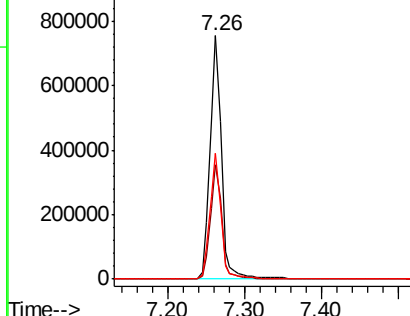
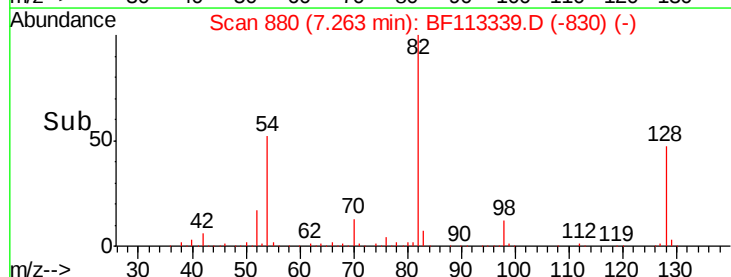
Lab File: BF113339.D

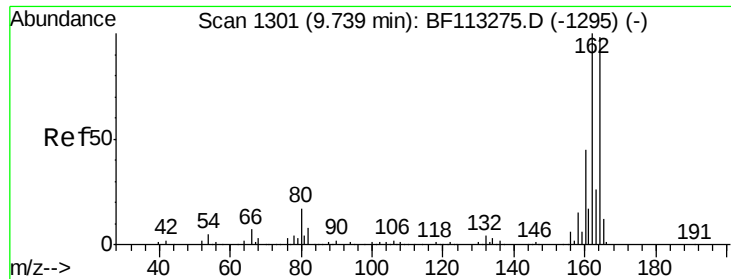
Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	51.6	42.2	63.2



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





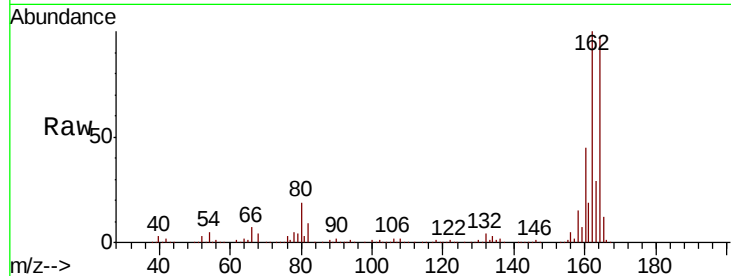
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113339.D
 Acq: 27 Mar 2019 19:10

Instrument :
 BNA_F
 ClientSampled :
 CS-22

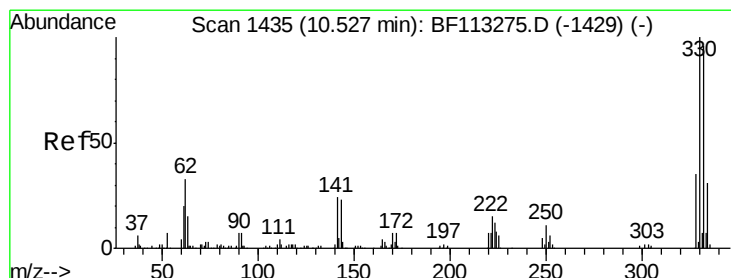
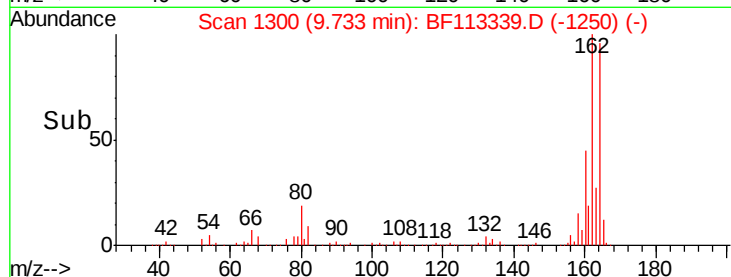
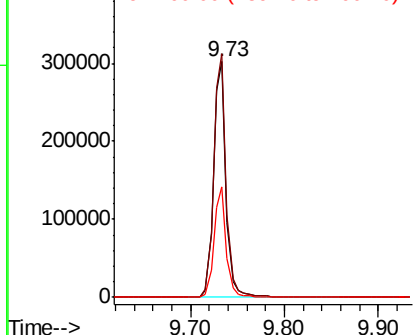
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	81.8	122.6	
160	46.9	36.4	54.6	

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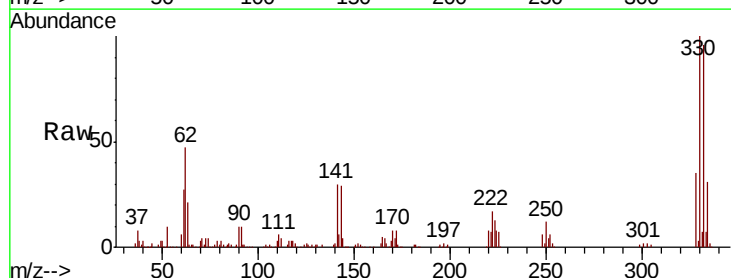


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

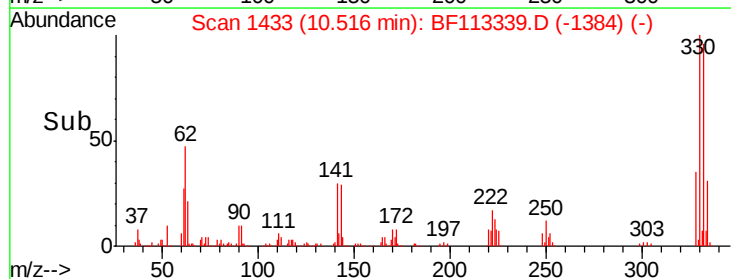
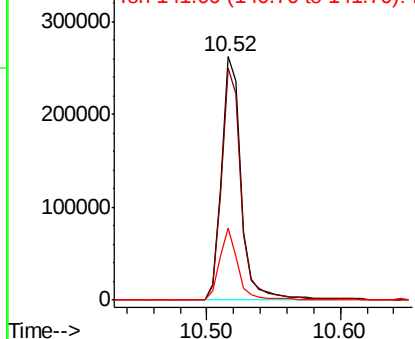


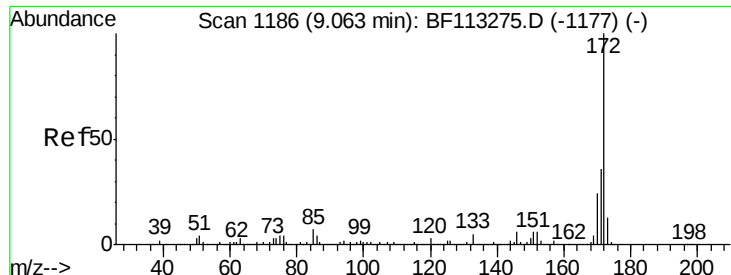
#42
 2,4,6-Tribromophenol
 Concen: 77.818 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF113339.D
 Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.8	116.6	
141	28.8	22.7	34.1	



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





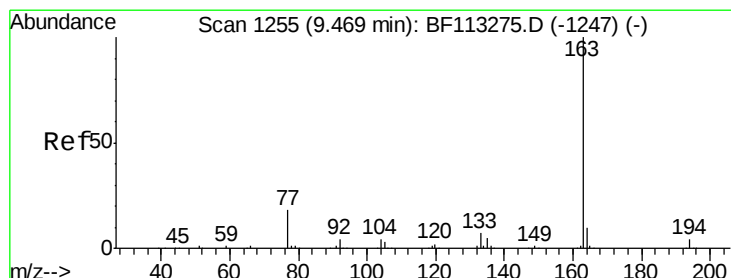
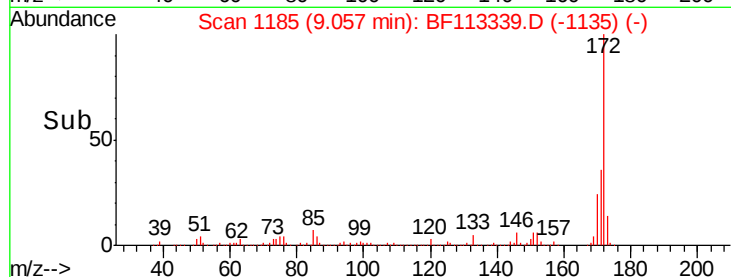
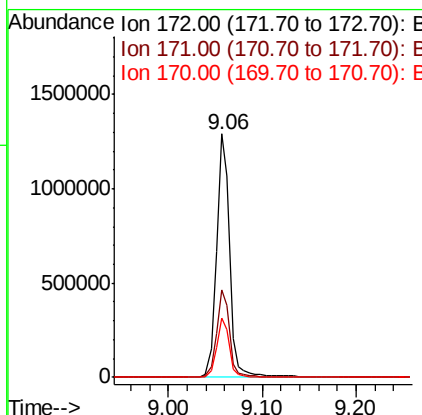
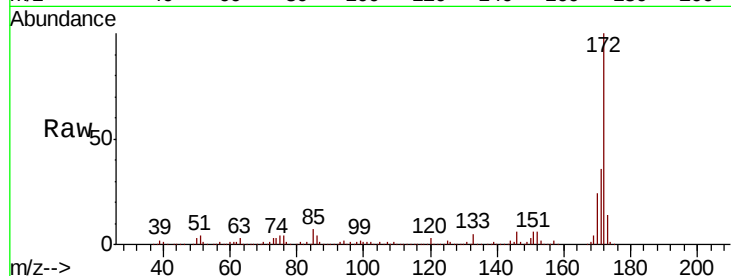
#45
2-Fluorobiphenyl
Concen: 66.917 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.3	19.5	29.3

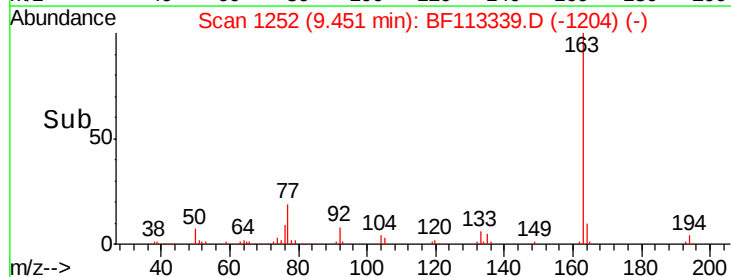
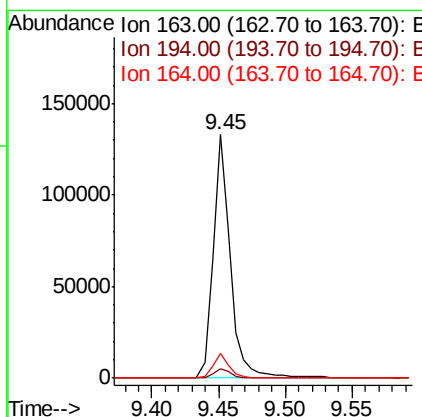
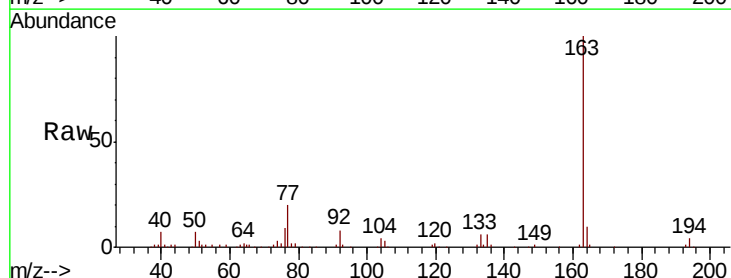
Manual Integrations
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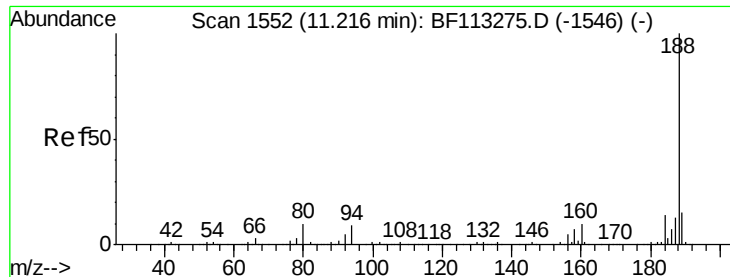
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#50
Dimethylphthalate
Concen: 5.728 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.4	8.1	12.1





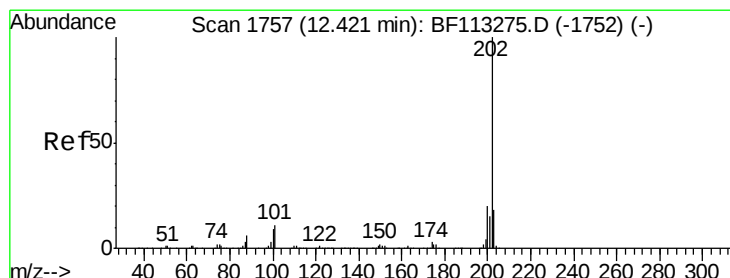
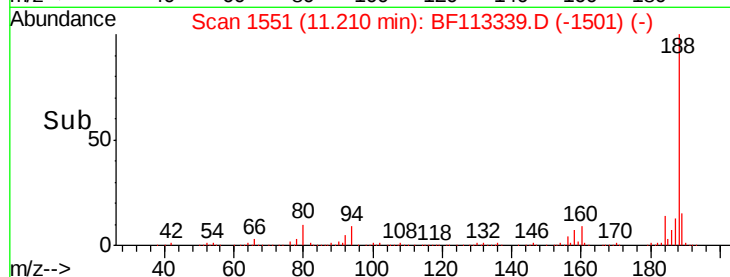
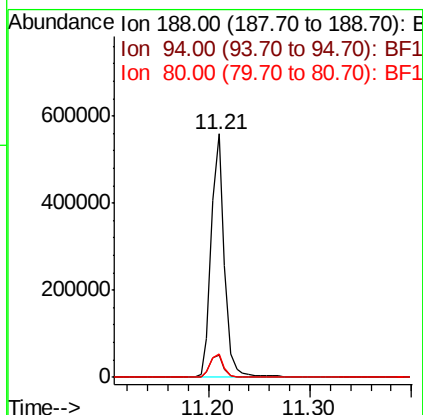
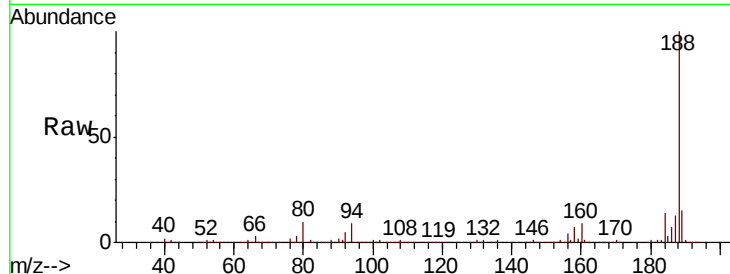
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampled :
CS-22

Tot Ion	Ratio	Resp	Lower	Upper
188	100	506659		
94	9.4		7.0	10.6
80	9.7		7.7	11.5

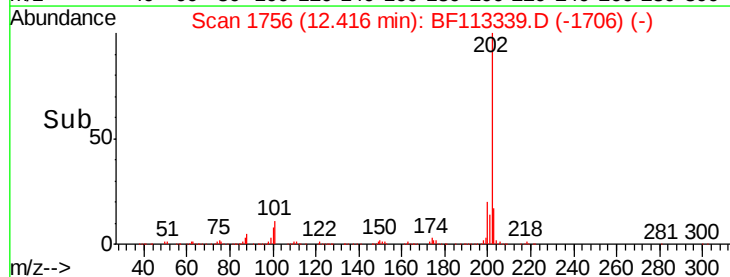
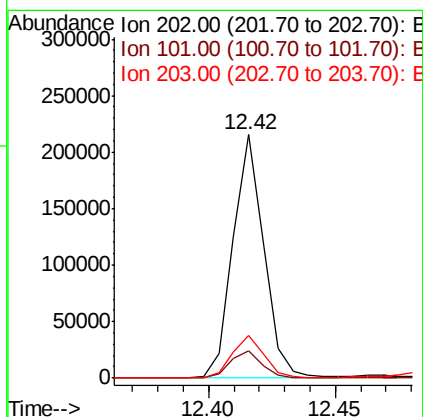
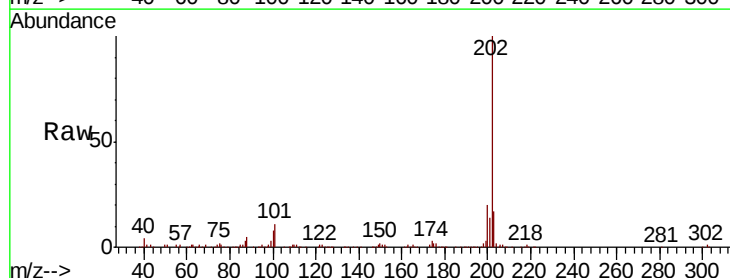
Manual Integrations
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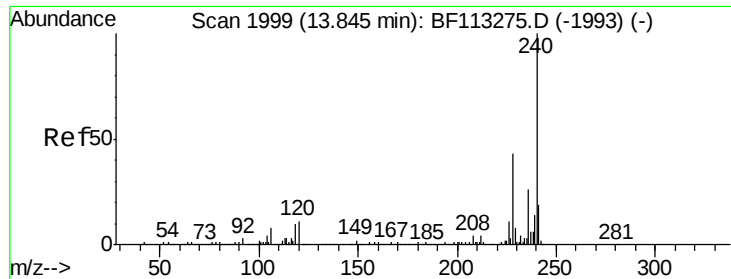
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#75
Fluoranthene
Concen: 6.434 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	183017		
101	11.0		0.0	31.4
203	17.4		0.0	38.0





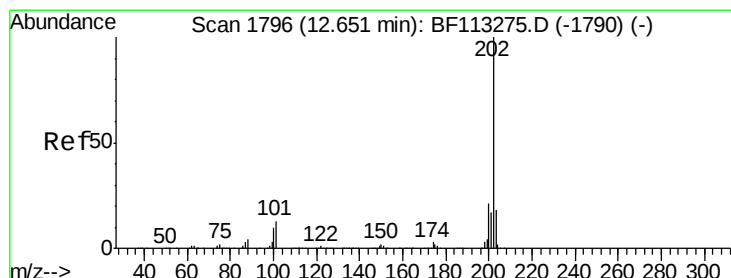
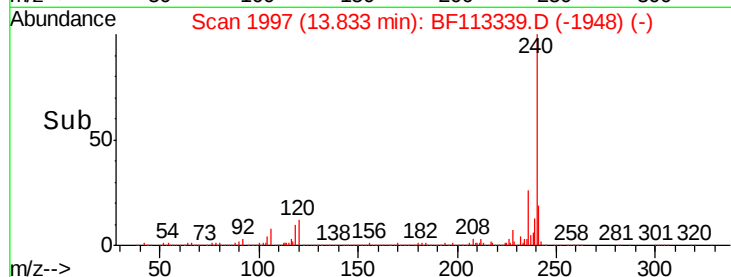
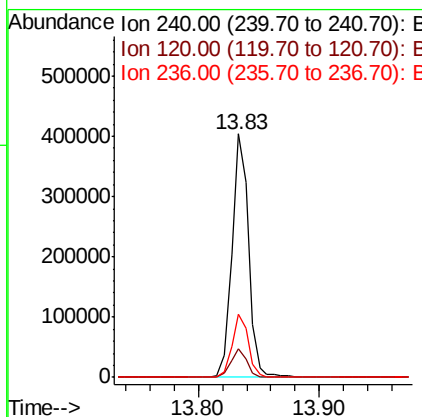
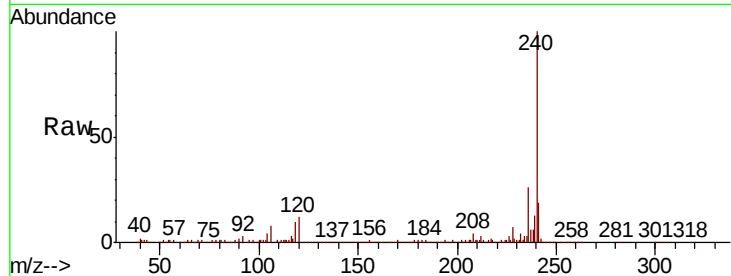
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampled :
CS-22

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	8.8	13.2
236	26.1	20.9	31.3

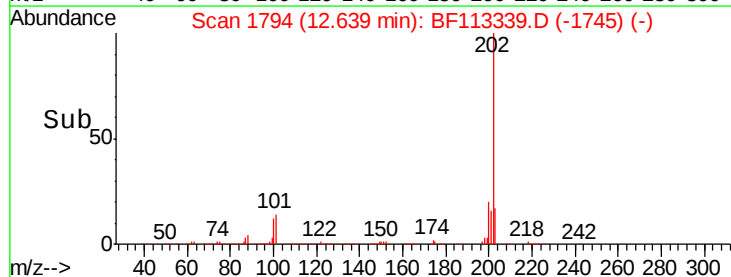
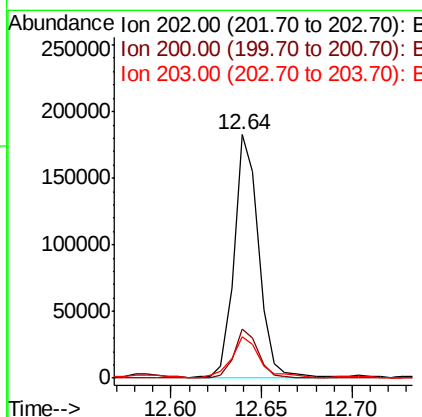
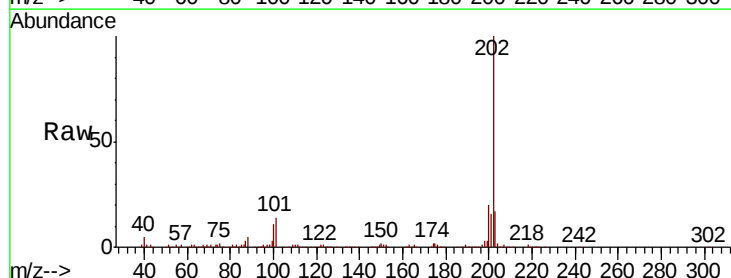
Manual Integrations
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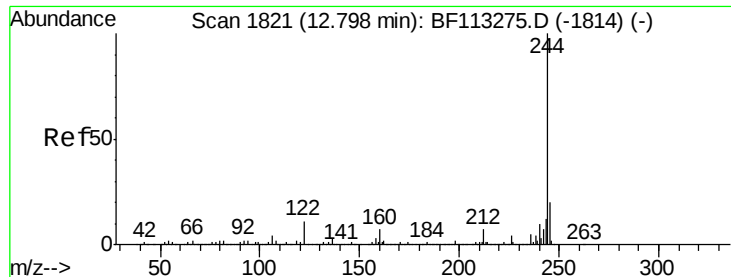
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#78
Pyrene
Concen: 6.347 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	16.8	25.2
203	17.1	14.4	21.6





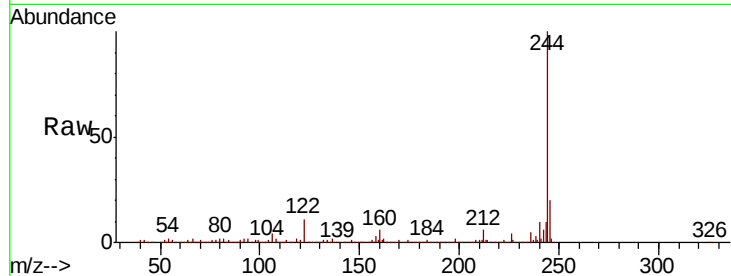
#79
 Terphenyl-d14
 Concen: 56.218 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113339.D
 Acq: 27 Mar 2019 19:10

Instrument :
 BNA_F
 ClientSampled :
 CS-22

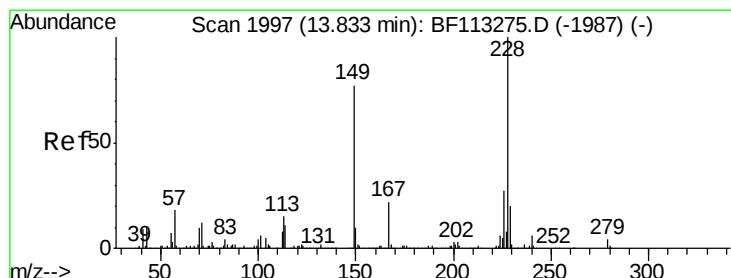
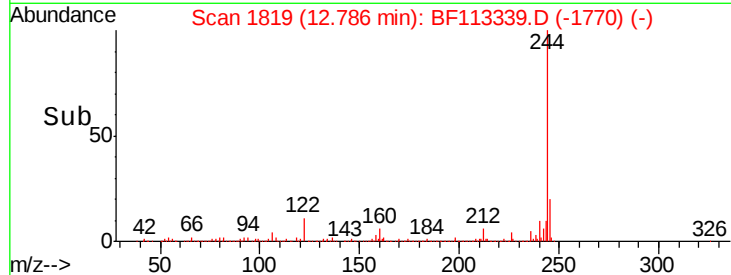
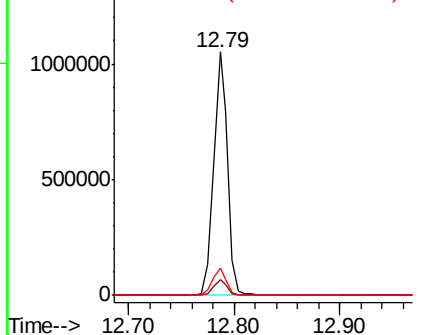
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	11.2	8.6	13.0

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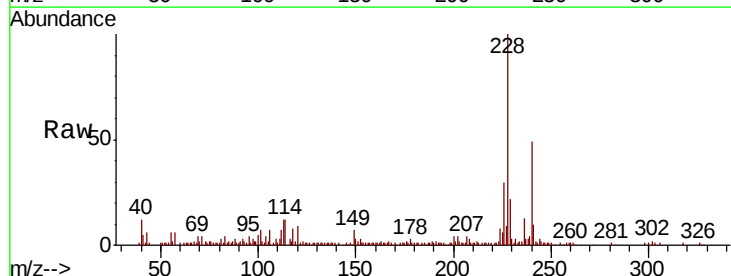


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

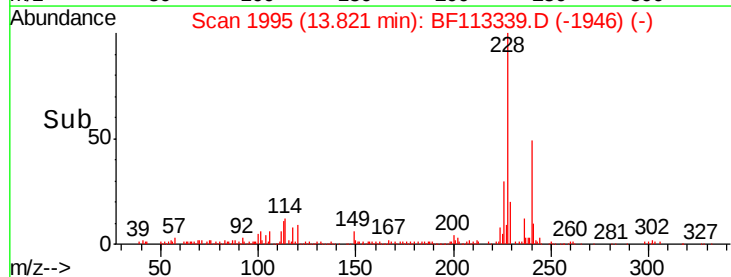
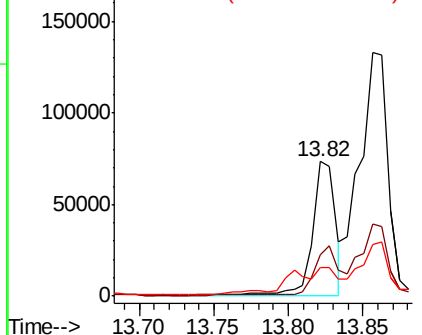


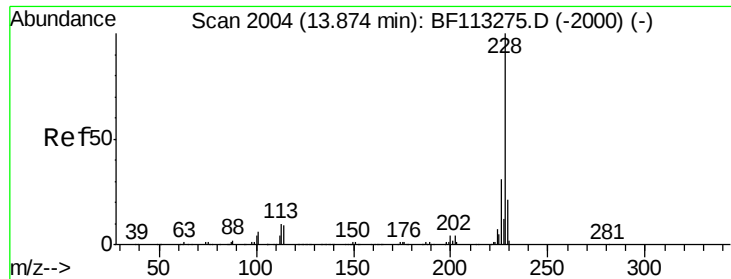
#81
 Benzo(a)anthracene
 Concen: 3.472 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF113339.D
 Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.8	32.8
229	21.6	16.2	24.4



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





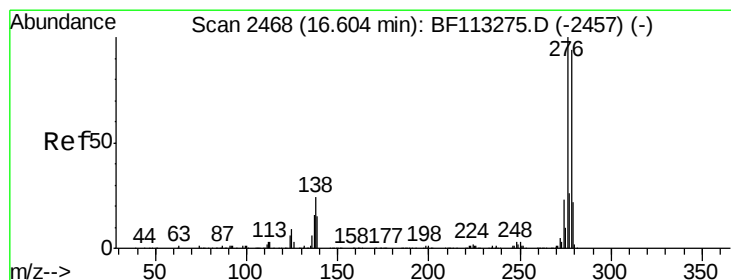
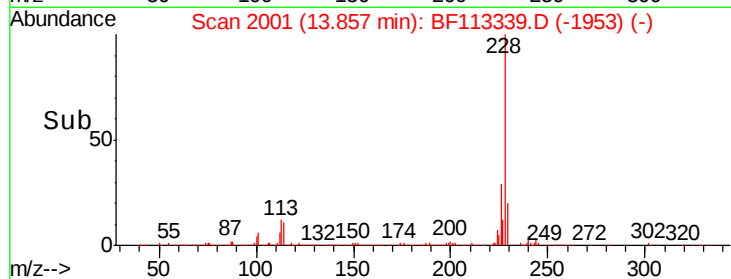
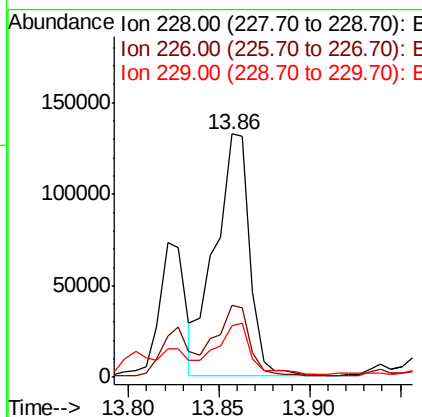
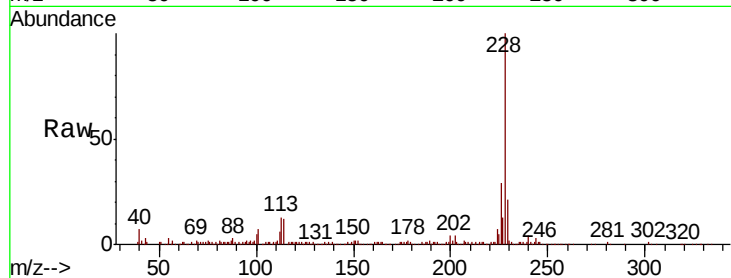
#83
Chrysene
Concen: 7.815 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.3	36.5
229	21.4	16.3	24.5

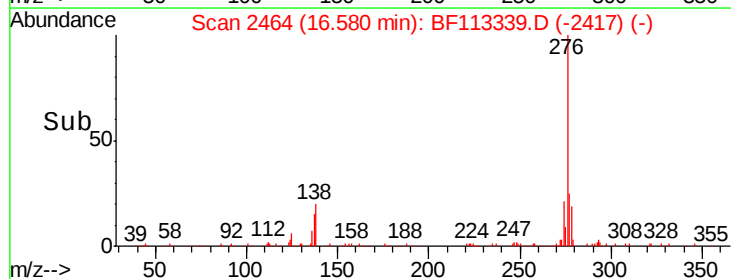
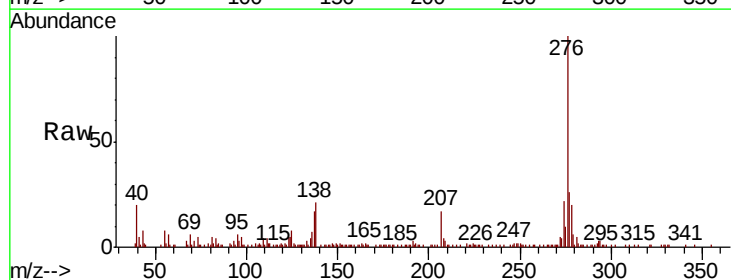
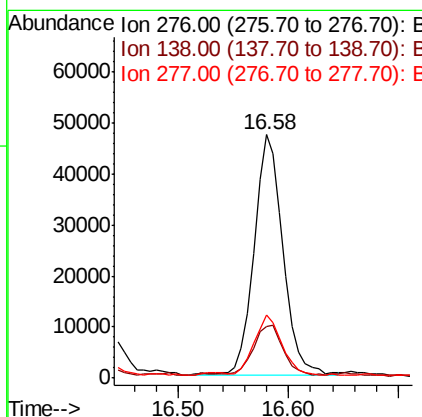
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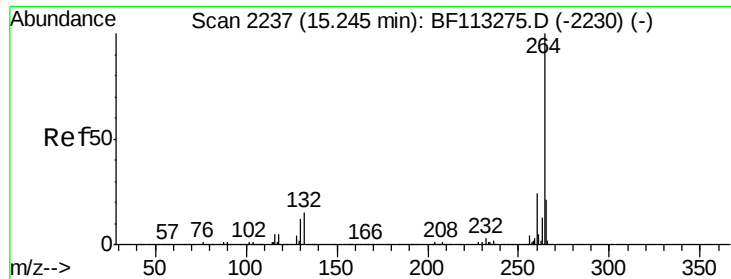
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.482 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	18.1	27.1
277	23.7	20.2	30.4





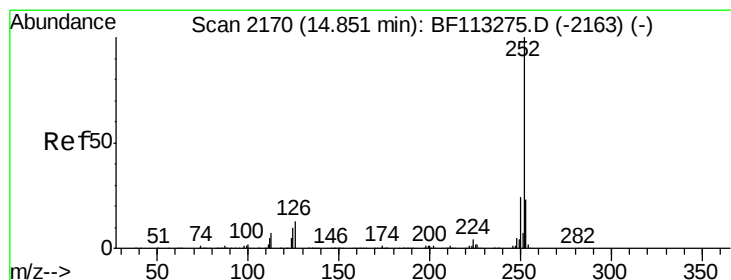
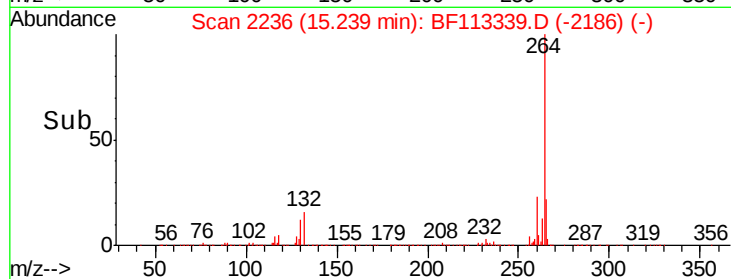
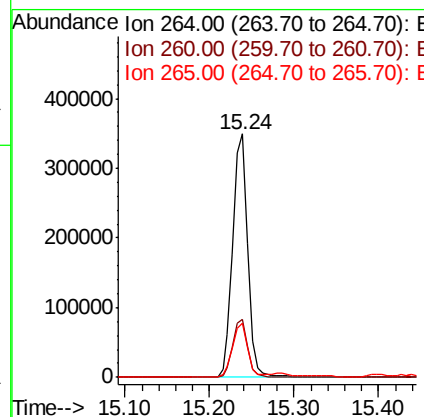
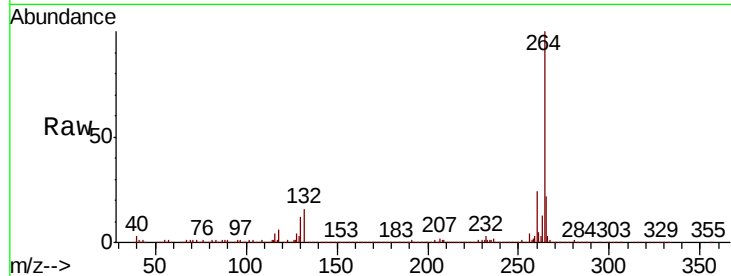
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.2	17.1	25.7

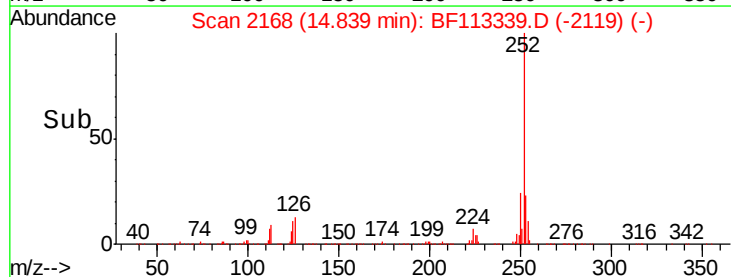
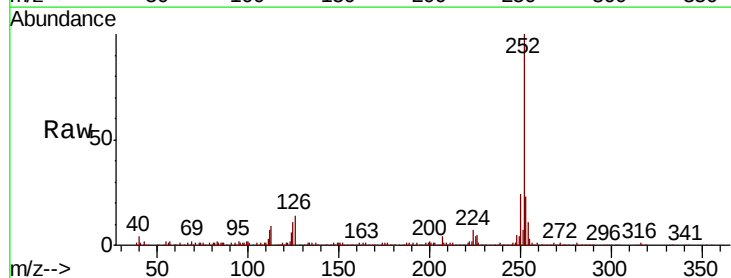
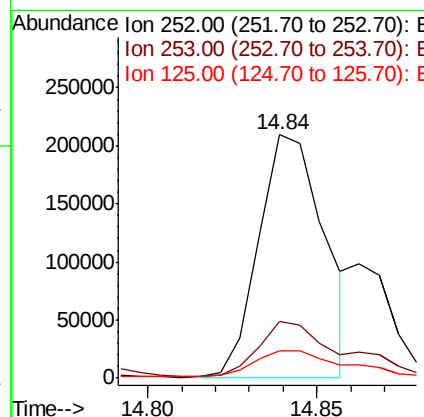
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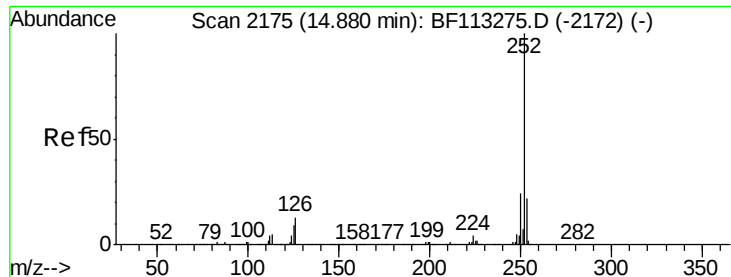
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#88
Benzo(b)fluoranthene
Concen: 10.687 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.4	7.6	11.4





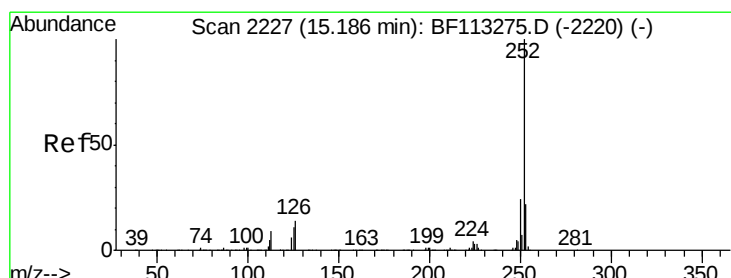
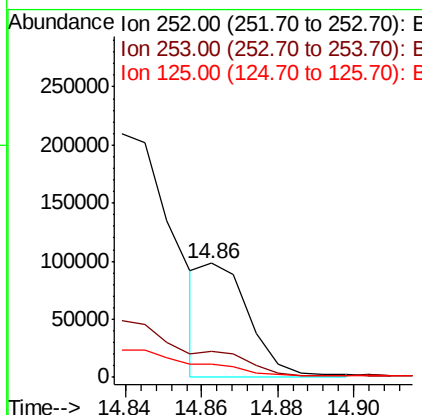
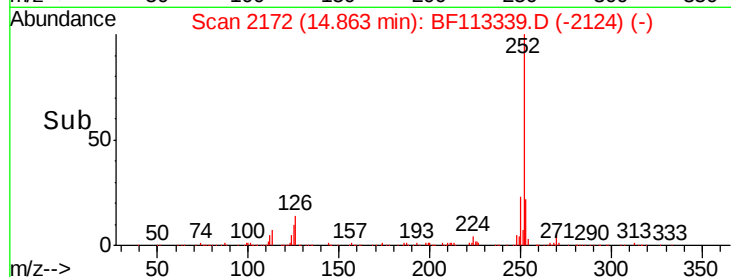
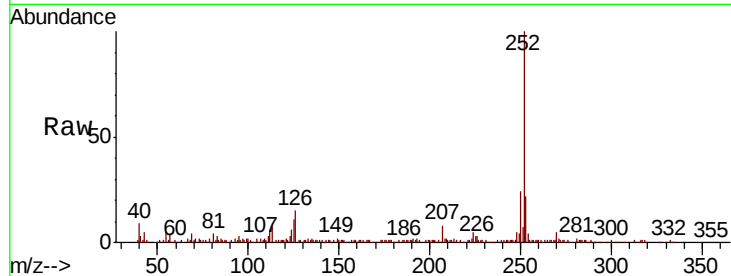
#89
Benzo(k)fluoranthene
Concen: 3.688 ng m
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampled :
CS-22

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.5	7.3	10.9

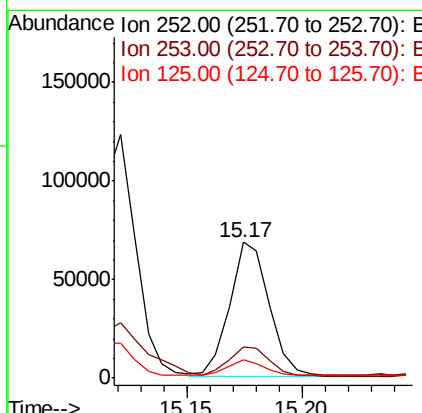
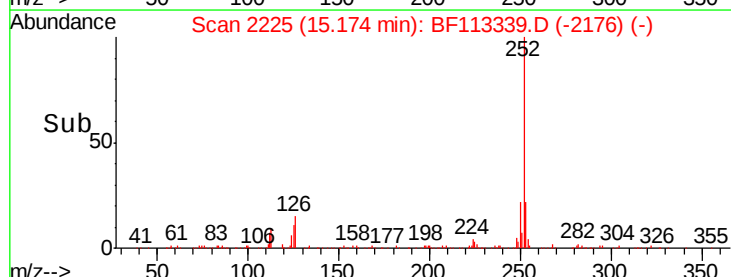
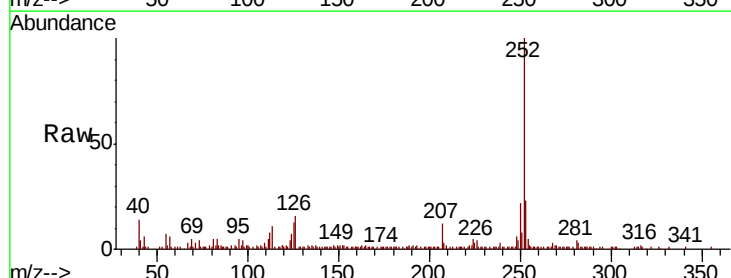
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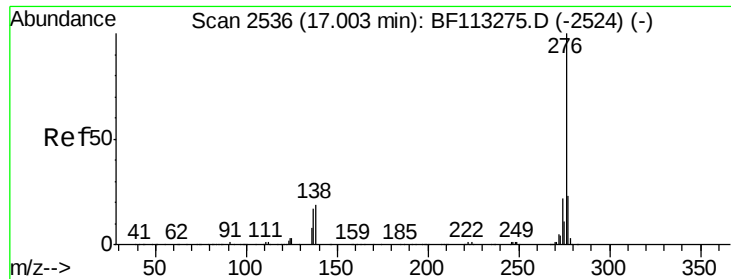
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#90
Benzo(a)pyrene
Concen: 3.496 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.2	8.8	13.2





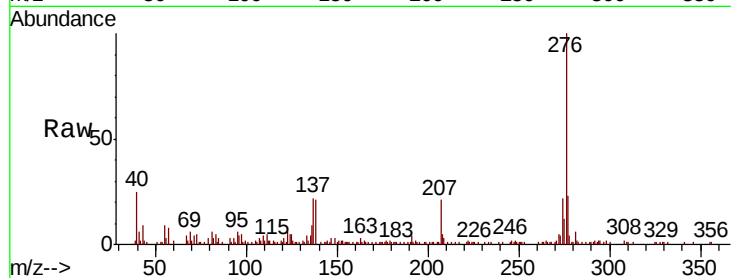
#92
 Benzo(a,h,i)perylene
 Concen: 3.831 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.02 min
 Lab File: BF113339.D
 Acq: 27 Mar 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-22

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	20.6	15.6	23.4

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

