

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112789.D
 Acq On : 1 Mar 2019 5:00
 Operator : JU/SJ
 Sample : K1651-04RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-327RE

Manual Integrations
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Sohil
 3/1/2019 3:00:43 PM

Quant Time: Mar 01 08:51:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	62808	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	247436	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	121483	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	232928	20.00	ng	0.00
76) Chrysene-d12	13.87	240	176210	20.00	ng	0.00
87) Perylene-d12	15.28	264	134177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	12042	2.98	ng	-0.01
7) Phenol-d6	6.36	99	135062	26.63	ng	0.00
23) Nitrobenzene-d5	7.30	82	282699	68.37	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.10	172	591456	83.29	ng	0.00
79) Terphenyl-d14	12.83	244	605310	66.59	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	36816	4.110	ng	99
75) Fluoranthene	12.46	202	75823	6.107	ng	94
78) Pyrene	12.68	202	75671	5.094	ng	98
81) Benzo(a)anthracene	13.86	228	32479	2.659	ng	97
83) Chrysene	13.90	228	62908	5.259	ng	96
88) Benzo(b)fluoranthene	14.89	252	25685m	2.959	ng	

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

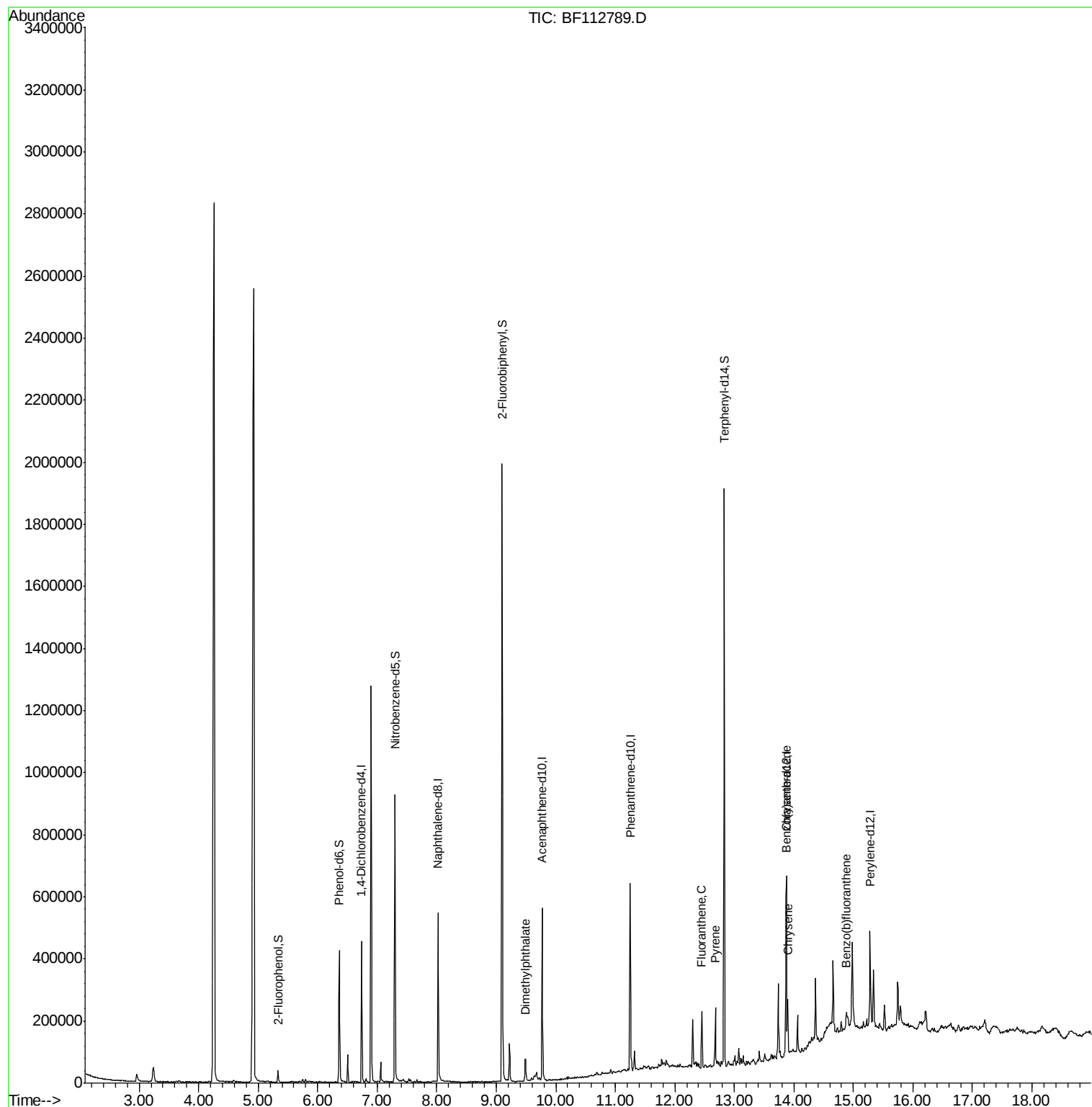
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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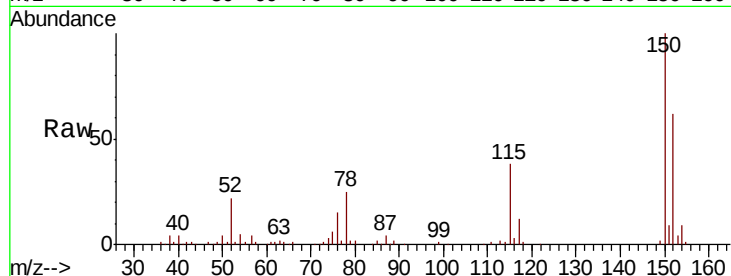
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF112789.D
 Acq: 1 Mar 2019 5:00

Instrument :
 BNA_F
 ClientSampleId :
 CON-327RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.2	186.2
115	60.3	48.2	72.4

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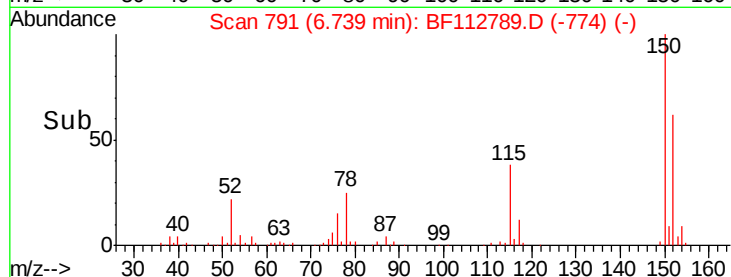
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

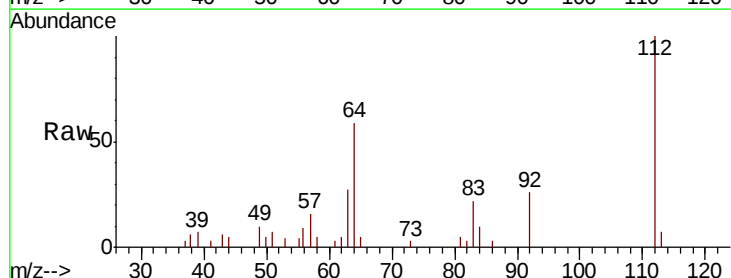
Ion 115.00 (114.70 to 115.70): E

Time-->



#5
 2-Fluorophenol
 Concen: 2.982 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112789.D
 Acq: 1 Mar 2019 5:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.6	71.4
63	27.4	24.4	36.6



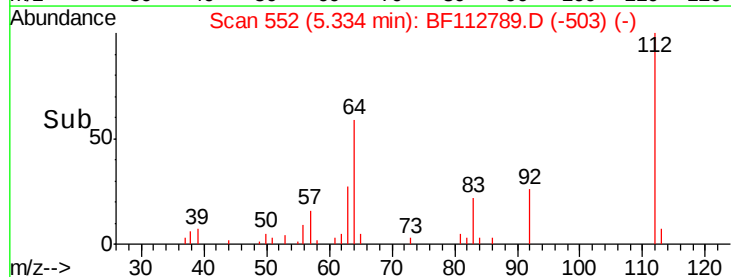
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 26.629 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112789.D

Acq: 1 Mar 2019 5:00

Instrument :

BNA_F

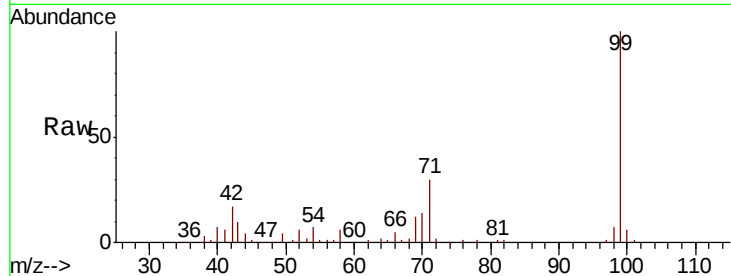
ClientSampleId :

CON-327RE

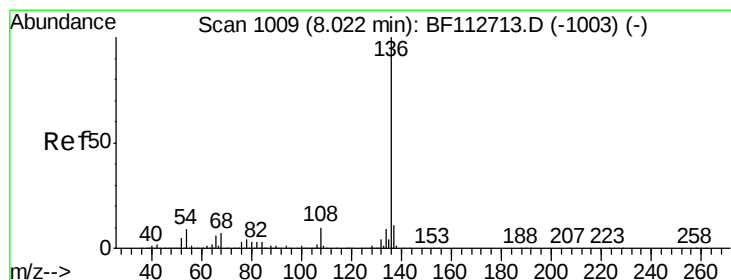
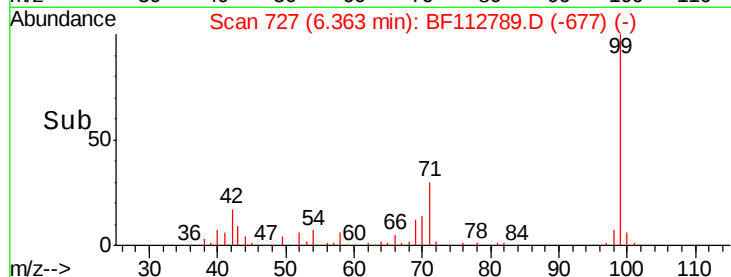
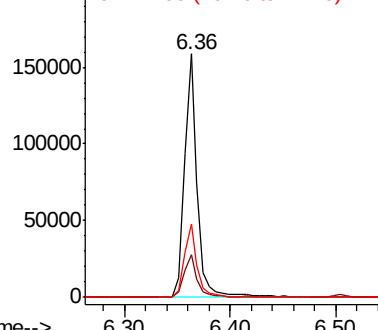
Tot Ion:	99	Resp:	135062
Ion Ratio	Lower	Upper	
99	100		
42	17.3	16.3	24.5
71	30.1	26.2	39.4

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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: 8.02 min Scan# 1009

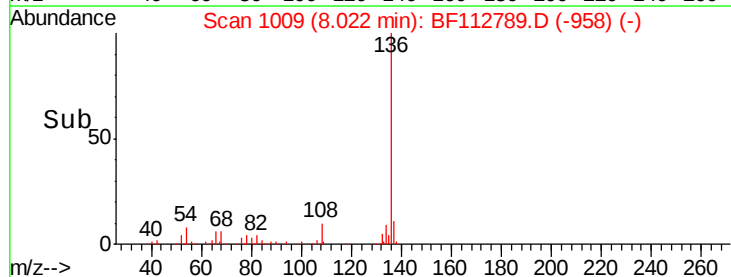
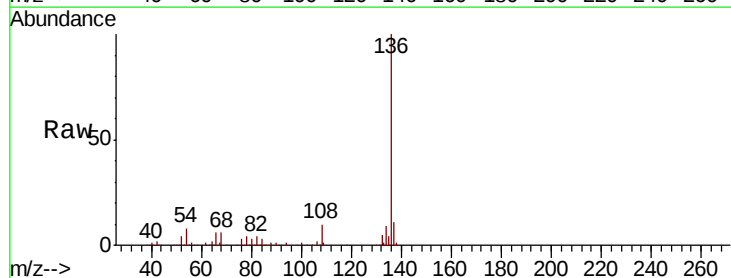
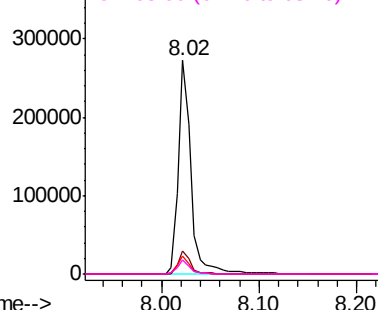
Delta R.T. 0.00 min

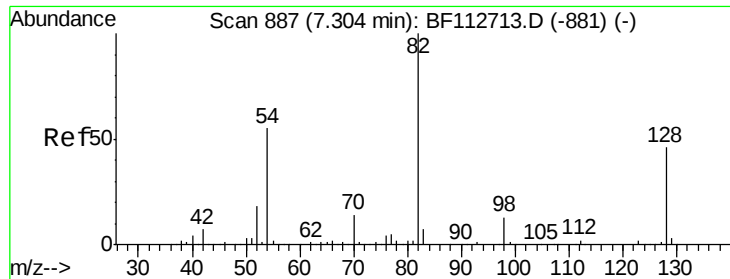
Lab File: BF112789.D

Acq: 1 Mar 2019 5:00

Tgt Ion:	136	Resp:	247436
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.5	7.3	10.9
68	6.4	5.4	8.2

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





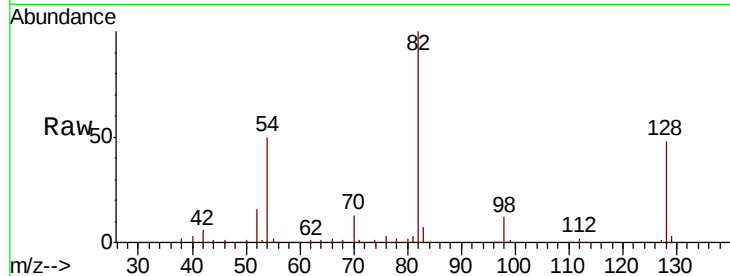
#23
Nitrobenzene-d5
Concen: 68.366 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112789.D
Acq: 1 Mar 2019 5:00

Instrument :
BNA_F
ClientSampleId :
CON-327RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.3	54.5
54	50.4	43.7	65.5

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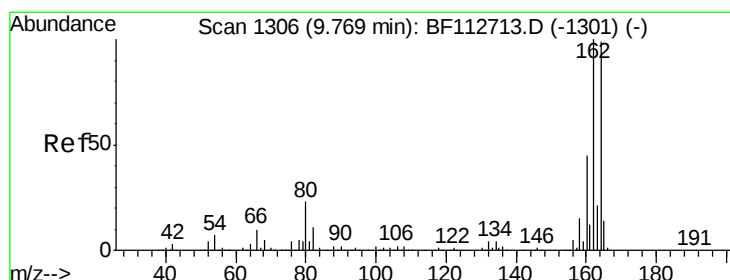
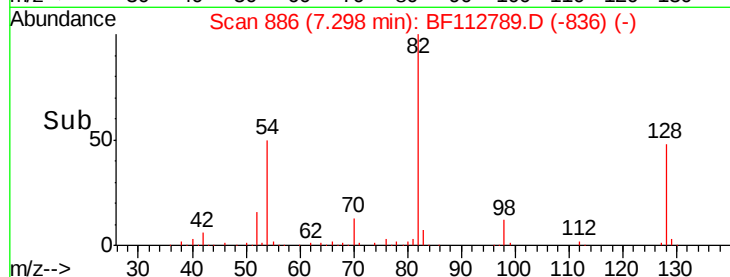
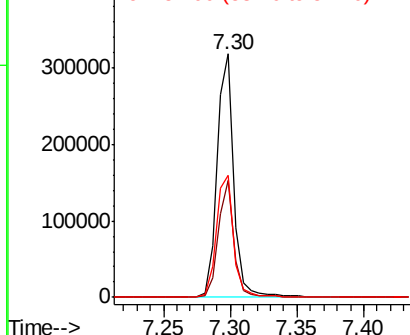


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112789.D
Acq: 1 Mar 2019 5:00

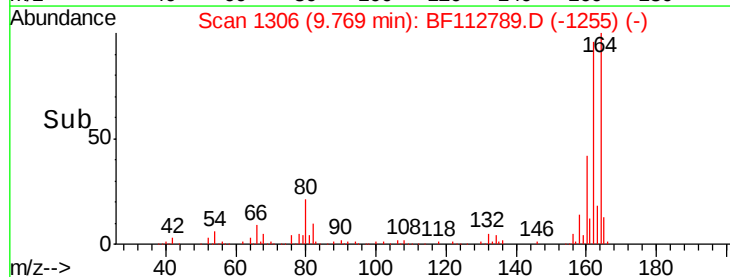
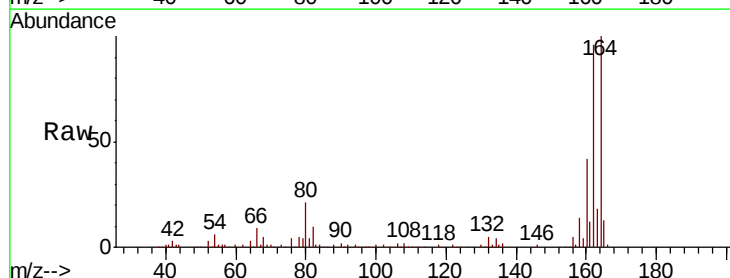
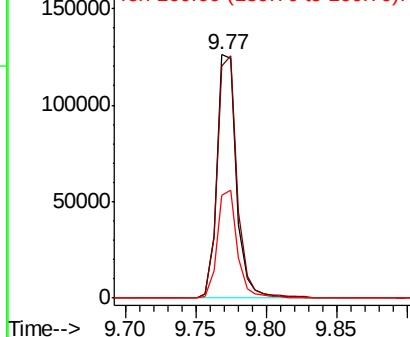
Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.5	80.6	120.8
160	42.3	36.0	54.0

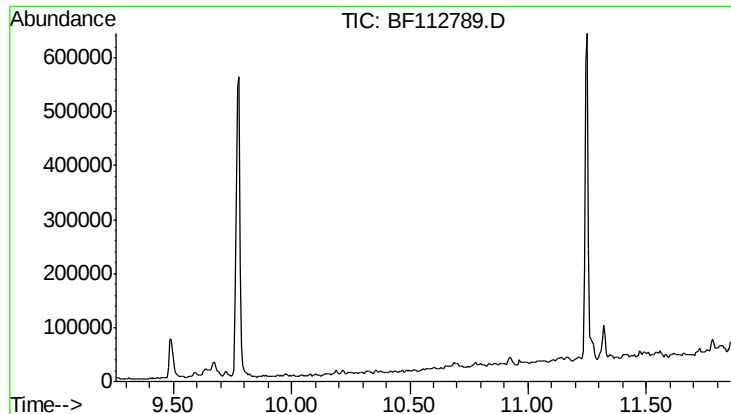
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





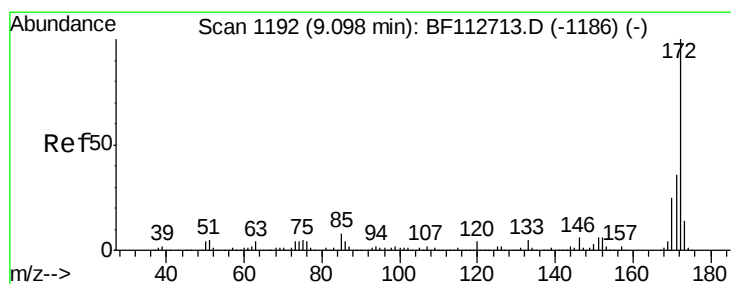
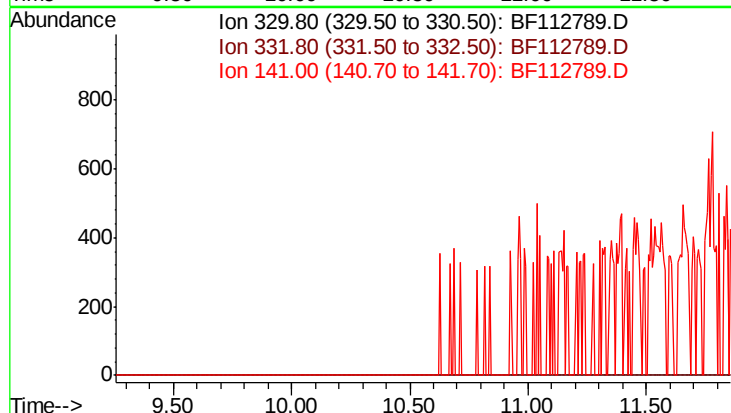
#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.56 min
 Lab File: BF112789.D
 Acq: 1 Mar 2019 5:00

Instrument :
 BNA_F
 ClientSampleId :
 CON-327RE

Tot Ion	330	332	141
Exp Ratio	100	95.3	33.8

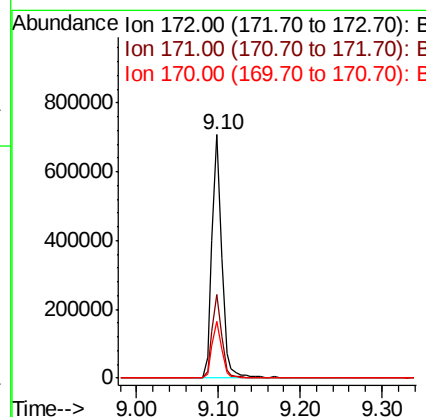
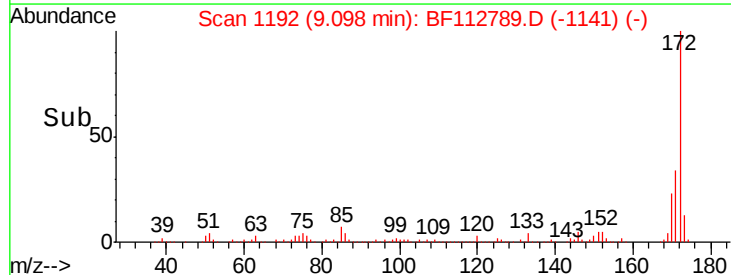
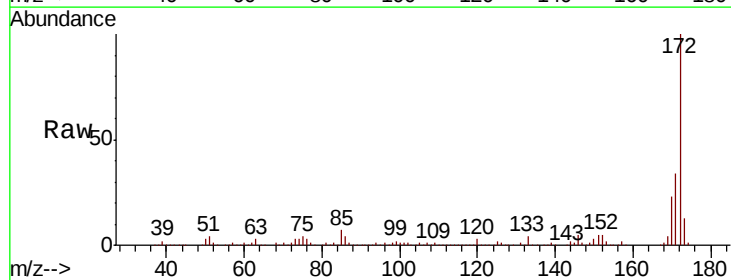
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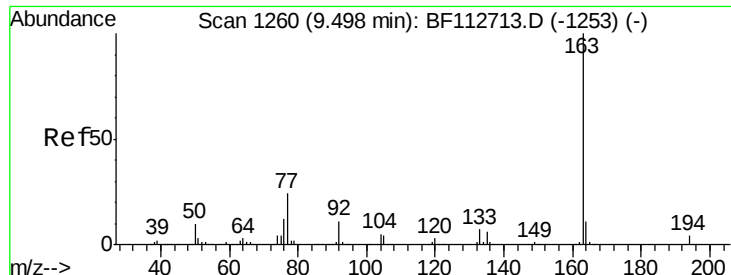
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#45
 2-Fluorobiphenyl
 Concen: 83.286 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112789.D
 Acq: 1 Mar 2019 5:00

Tgt Ion	172	Resp	591456
Ion Ratio	100		
171	34.4	29.0	43.4
170	23.5	20.0	30.0





#50

Dimethylphthalate

Concen: 4.110 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112789.D

Acq: 1 Mar 2019 5:00

Instrument :

BNA_F

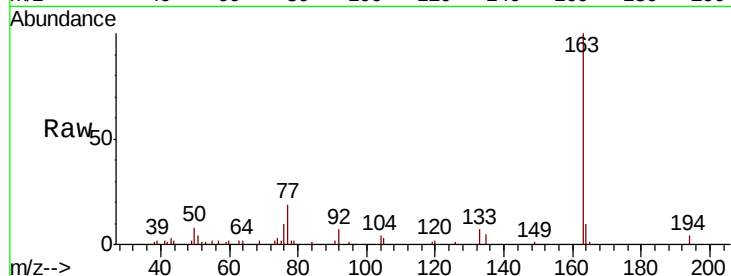
ClientSampleId :

CON-327RE

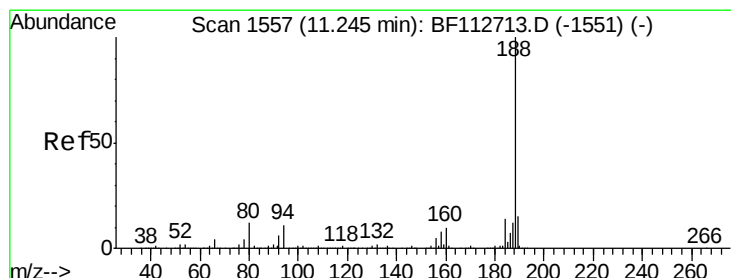
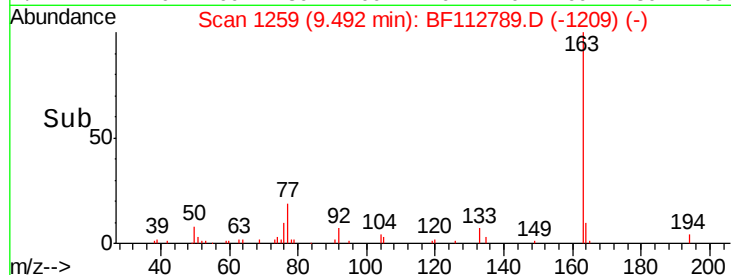
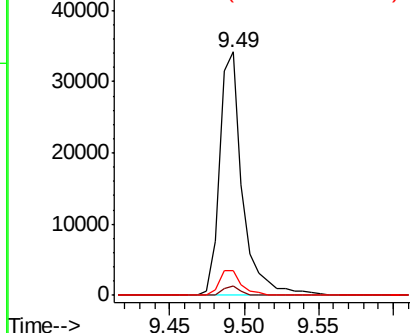
Tot Ion:	163	Resp:	36816
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.4
164	9.9	8.4	12.6

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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

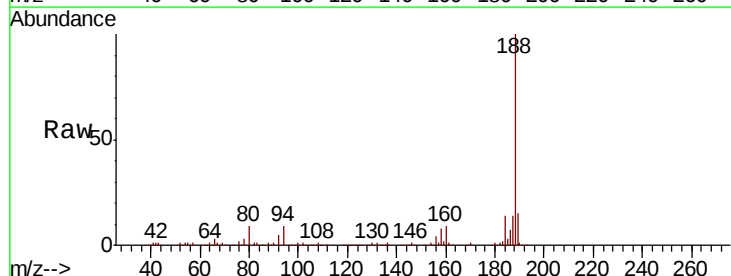
RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

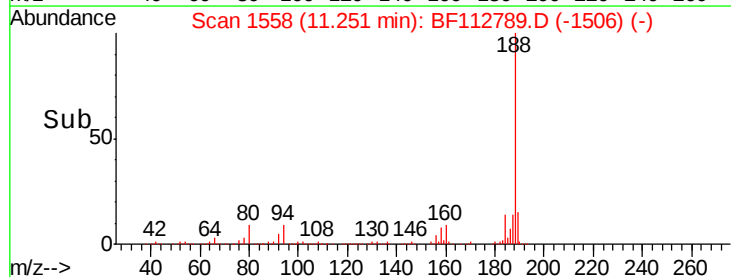
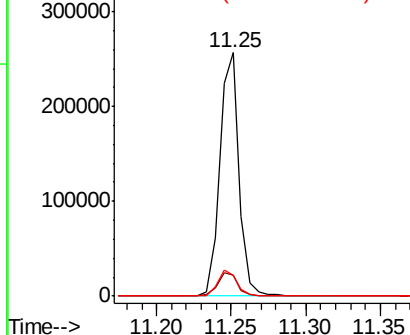
Lab File: BF112789.D

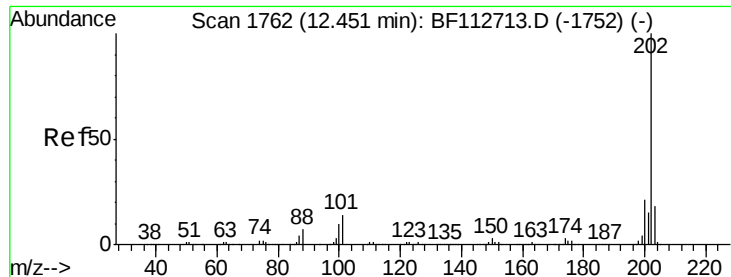
Acq: 1 Mar 2019 5:00

Tgt Ion:	188	Resp:	232928
Ion Ratio	Lower	Upper	
188	100		
94	8.7	9.0	13.4#
80	8.7	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





#75

Fluoranthene

Concen: 6.107 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112789.D

Acq: 1 Mar 2019 5:00

Instrument :

BNA_F

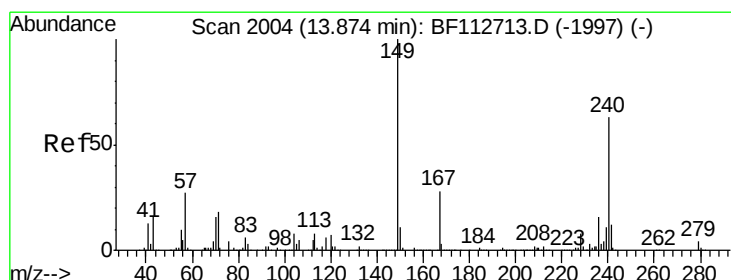
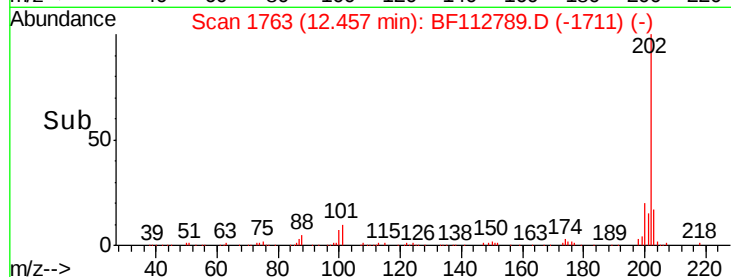
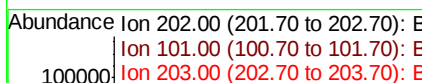
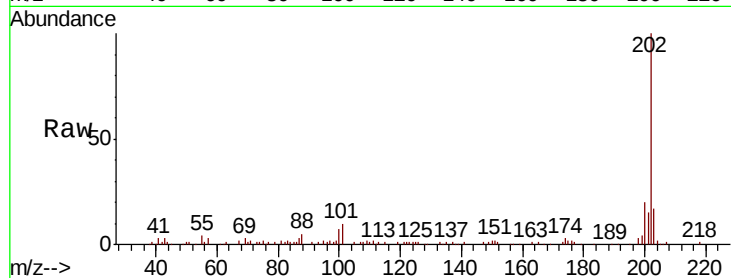
ClientSampled :

CON-327RE

Tot Ion:	202	Resp:	75823
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	33.8
203	17.1	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

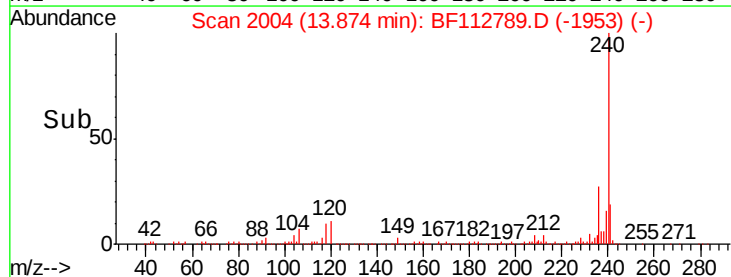
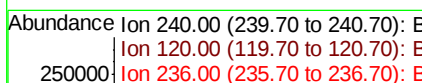
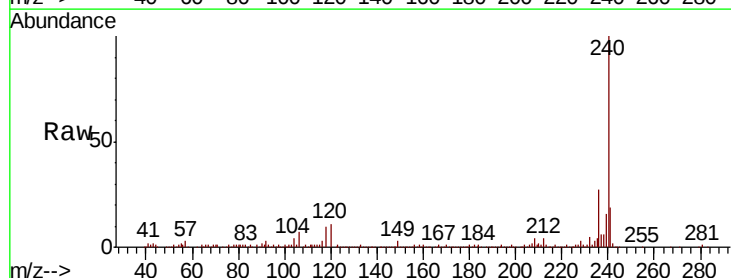
RT: 13.87 min Scan# 2004

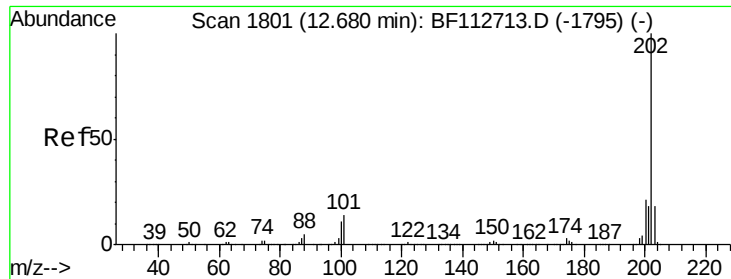
Delta R.T. 0.00 min

Lab File: BF112789.D

Acq: 1 Mar 2019 5:00

Tgt Ion:	240	Resp:	176210
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.9	13.3
236	27.2	20.7	31.1





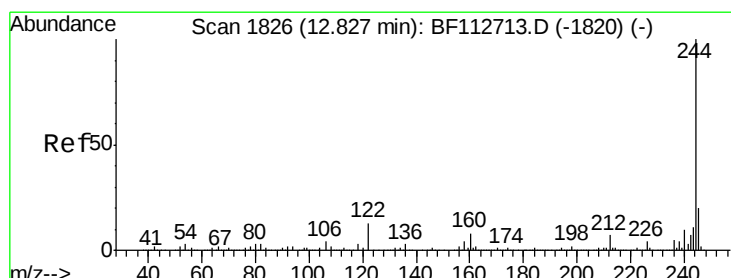
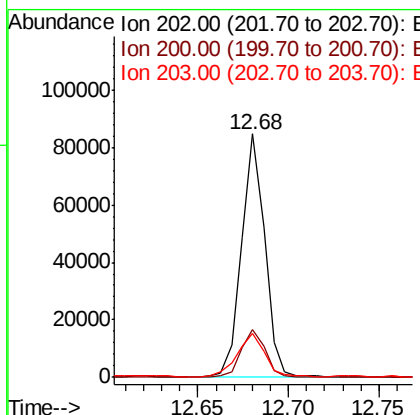
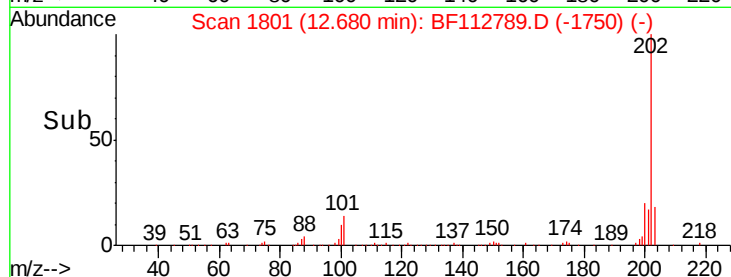
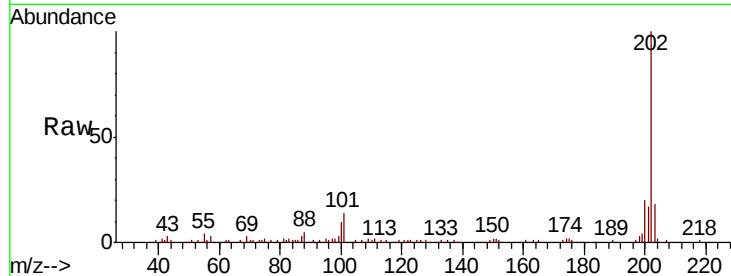
#78
Pvrene
Concen: 5.094 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112789.D
Acq: 1 Mar 2019 5:00

Instrument :
BNA_F
ClientSampleId :
CON-327RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.4
203	18.2	14.4	21.6

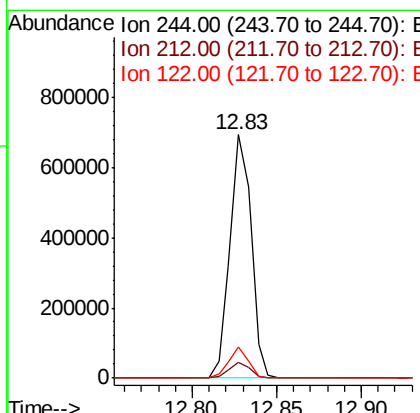
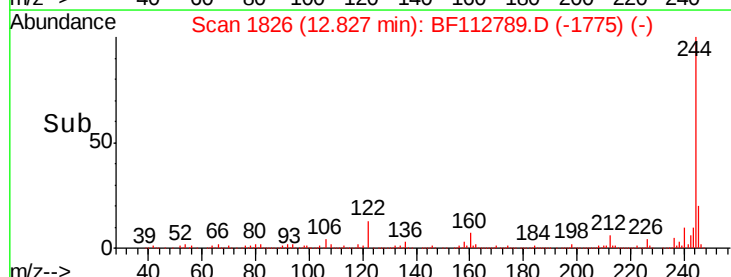
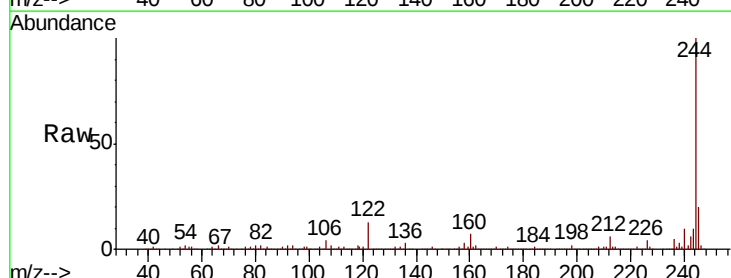
Manual Integrations
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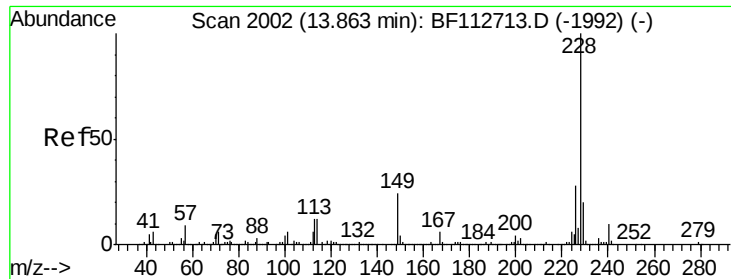
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#79
Terphenyl-d14
Concen: 66.591 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112789.D
Acq: 1 Mar 2019 5:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	12.6	10.5	15.7





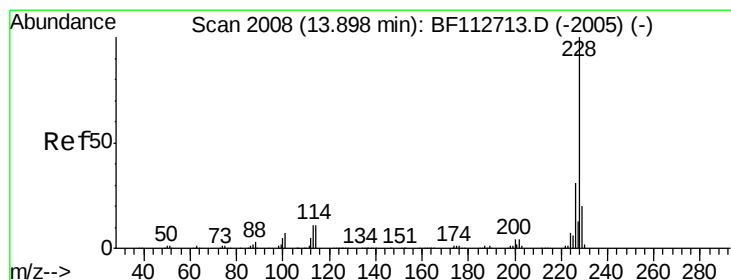
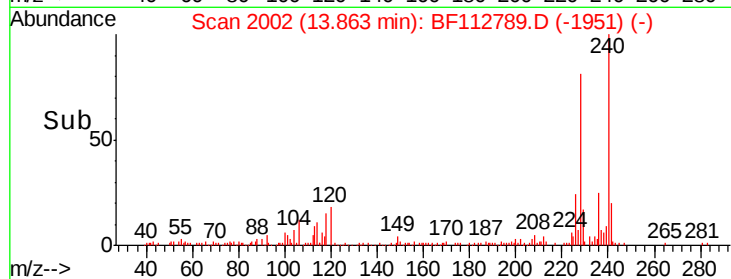
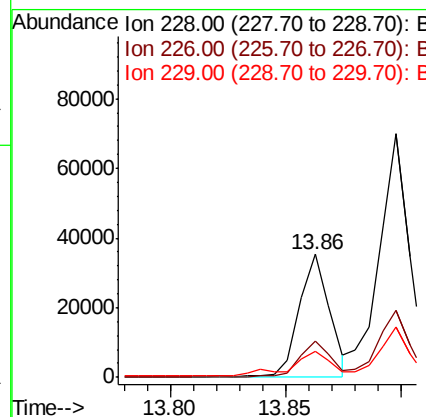
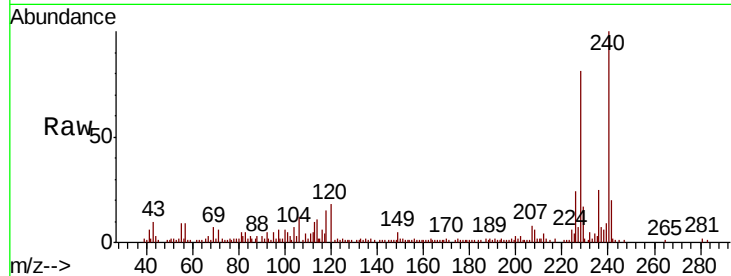
#81
Benzo(a)anthracene
Concen: 2.659 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF112789.D
Acq: 1 Mar 2019 5:00

Instrument :
BNA_F
ClientSampleId :
CON-327RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.4
229	21.3	16.0	24.0

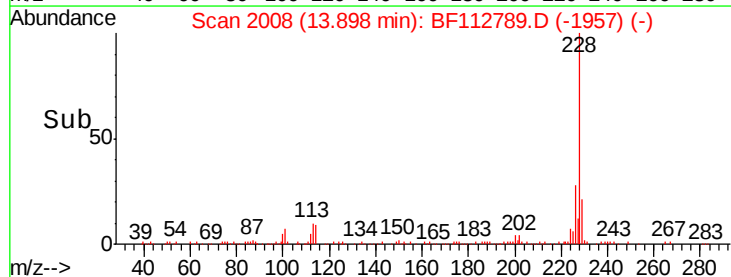
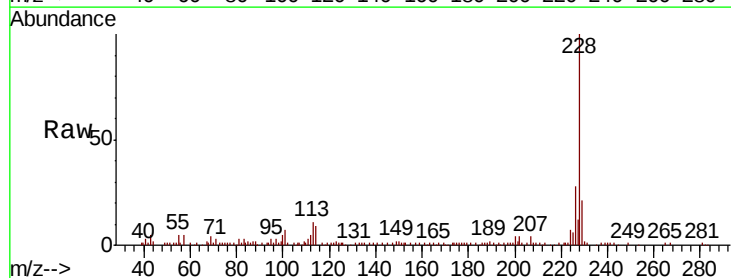
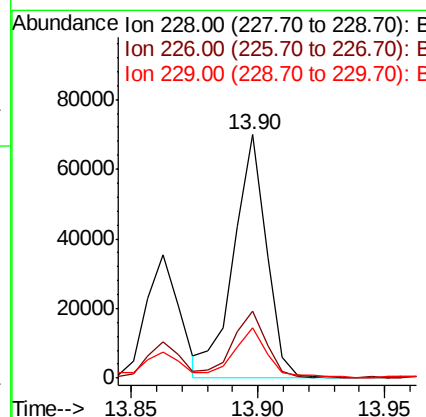
Manual Integrations
APPROVED

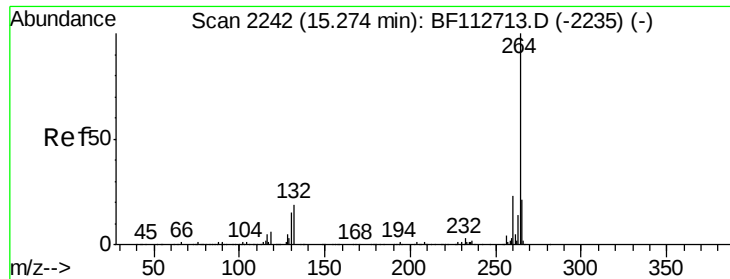
Sohil
3/1/2019 3:00:43 PM



#83
Chrysene
Concen: 5.259 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112789.D
Acq: 1 Mar 2019 5:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.9	37.3
229	20.7	16.3	24.5





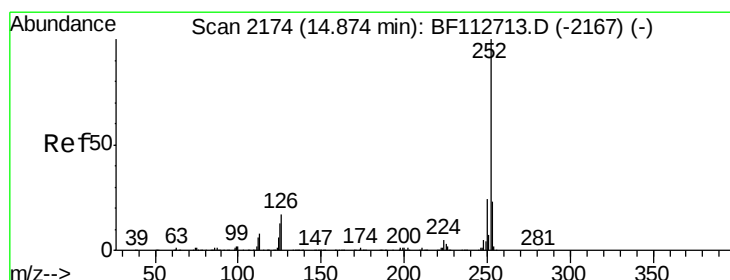
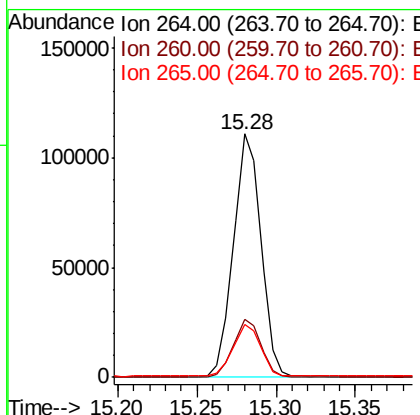
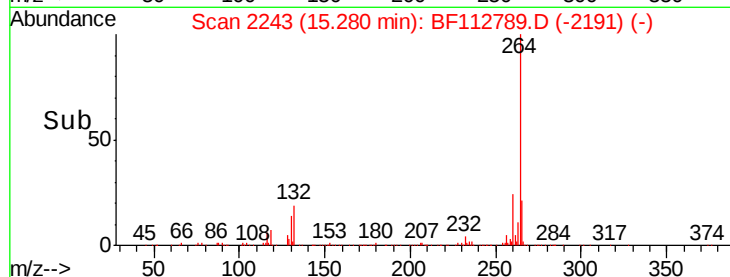
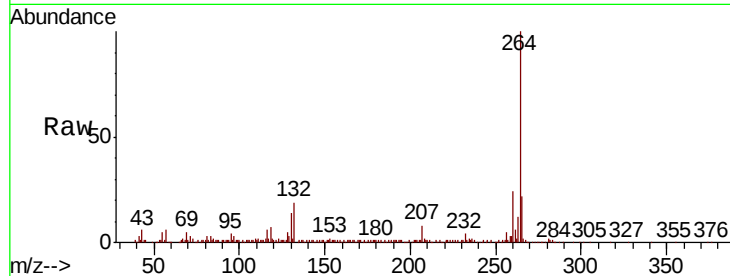
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112789.D
Acq: 1 Mar 2019 5:00

Instrument :
BNA_F
ClientSampleId :
CON-327RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/1/2019 3:00:43 PM



#88
Benzo(b)fluoranthene
Concen: 2.959 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112789.D
Acq: 1 Mar 2019 5:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.0	27.0
125	18.3	10.2	15.2#

