

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112728.D
 Acq On : 27 Feb 2019 19:27
 Operator : JU/SJ
 Sample : K1353-07 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-D

Manual Integrations
 APPROVED

Sohil
 2/28/2019 12:47:09 PM

Quant Time: Feb 28 03:10:55 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	197418	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	701350	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	277594	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	510152	20.00	ng	0.00
76) Chrysene-d12	13.87	240	517742	20.00	ng	0.00
87) Perylene-d12	15.27	264	412251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	641865	50.58	ng	0.00
7) Phenol-d6	6.36	99	799440	50.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	446087	38.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	145052	49.22	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	698582	35.51	ng	0.00
79) Terphenyl-d14	12.83	244	696560	26.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	46288	2.261	ng	98
71) Phenanthrene	11.27	178	127672	5.030	ng	96
75) Fluoranthene	12.45	202	234492	8.623	ng	94
78) Pyrene	12.67	202	246684	5.652	ng	97
81) Benzo(a)anthracene	13.86	228	132855	3.702	ng	95
83) Chrysene	13.89	228	129414	3.682	ng	95
88) Benzo(b)fluoranthene	14.87	252	146843m	5.507	ng	
89) Benzo(k)fluoranthene	14.90	252	50003m	2.070	ng	
90) Benzo(a)pyrene	15.22	252	93316	3.956	ng	# 94
92) Benzo(g,h,i)perylene	17.02	276	45426	2.248	ng	# 91

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

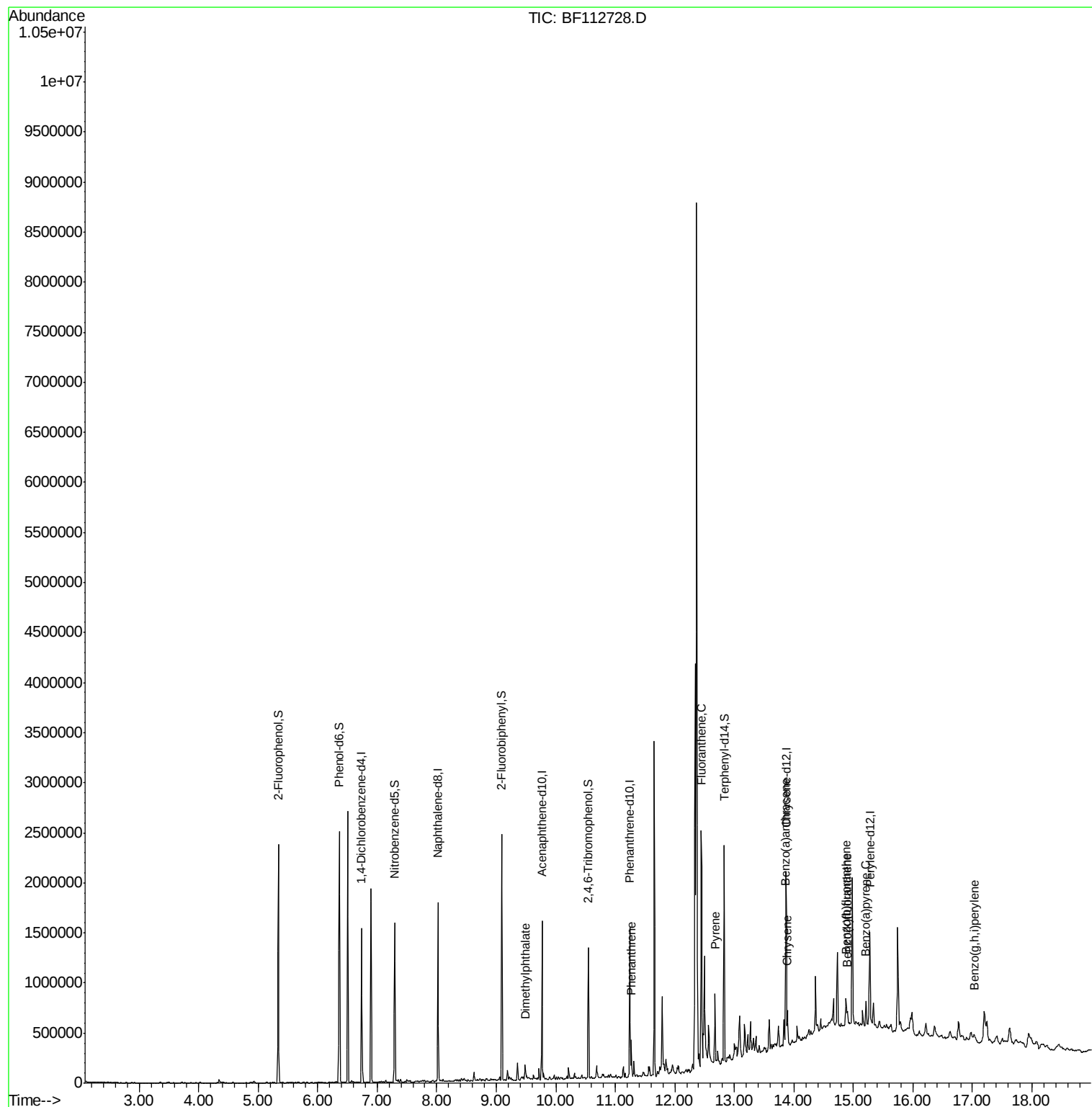
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112728.D
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Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

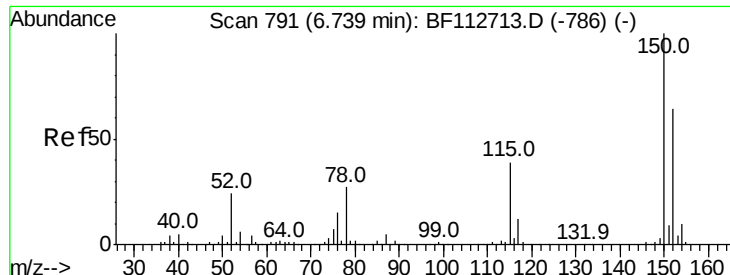
Instrument :
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PL-02-022619-D

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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#1

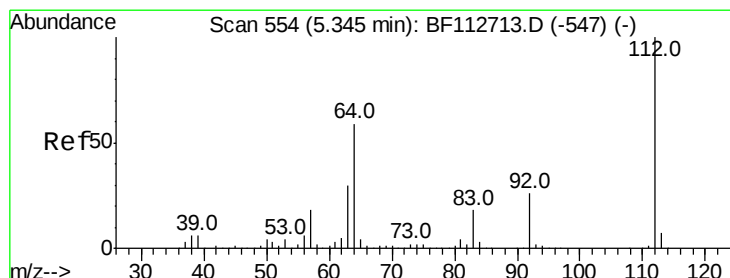
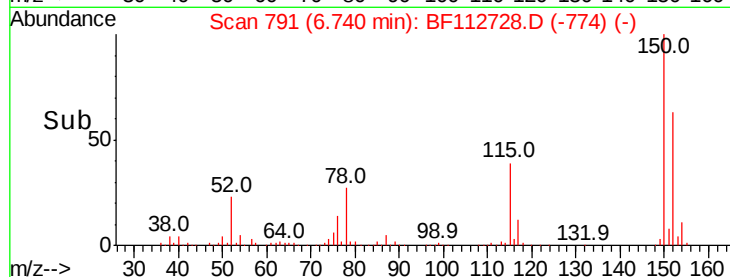
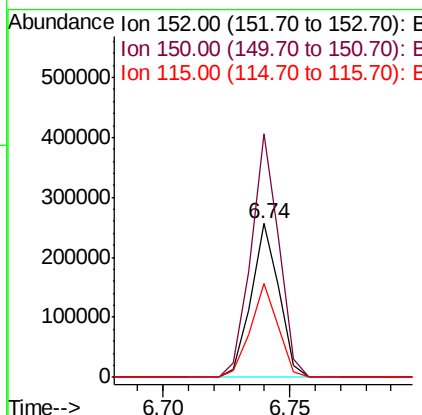
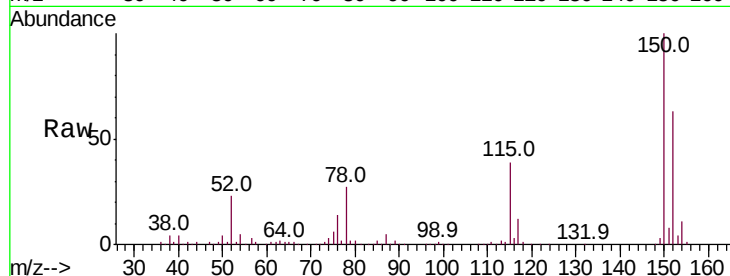
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.2	186.2
115	61.0	48.2	72.4

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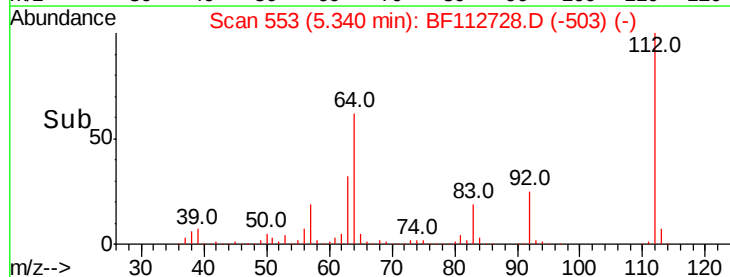
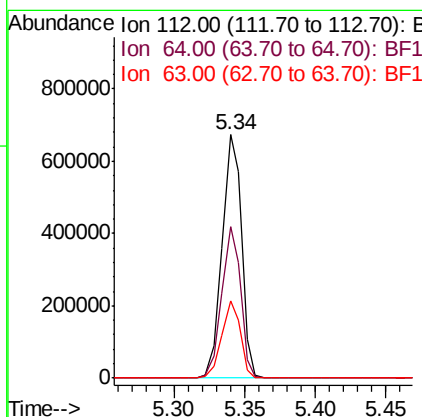
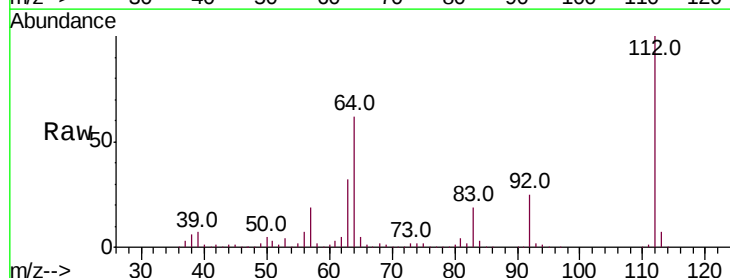
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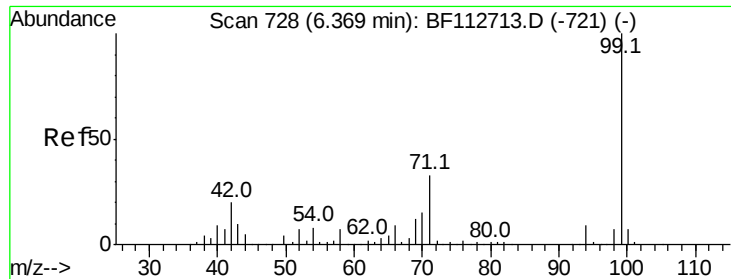


#5

2-Fluorophenol
Concen: 50.575 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.6	71.4
63	31.7	24.4	36.6





#7

Phenol-d6

Concen: 50.146 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

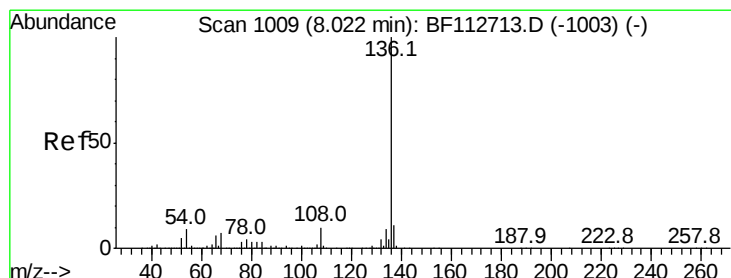
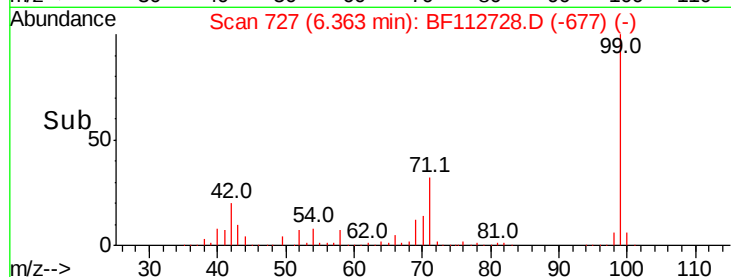
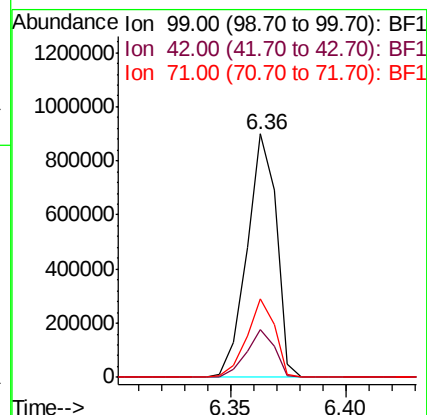
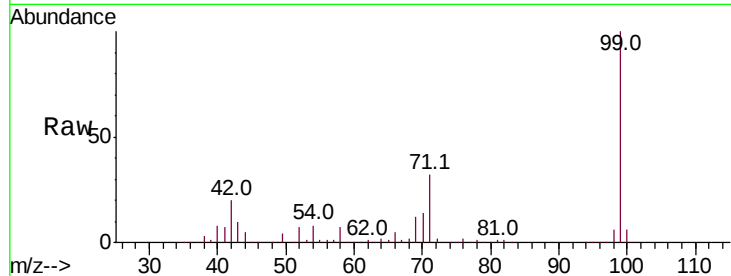
ClientSampleId :

PL-02-022619-D

Tot Ion:	99	Resp:	799440
Ion Ratio	Lower	Upper	
99	100		
42	19.6	16.3	24.5
71	32.3	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

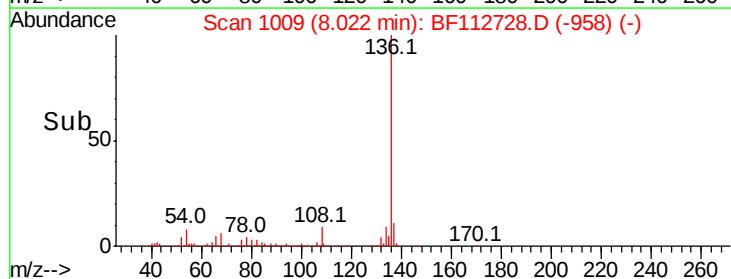
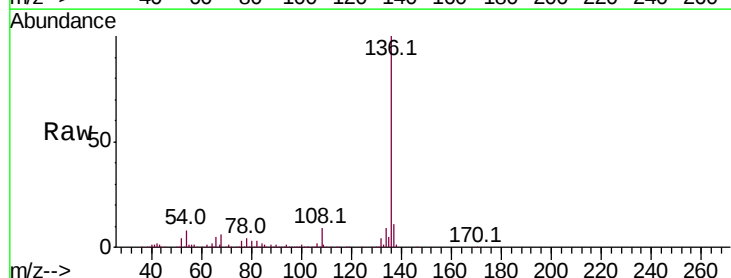
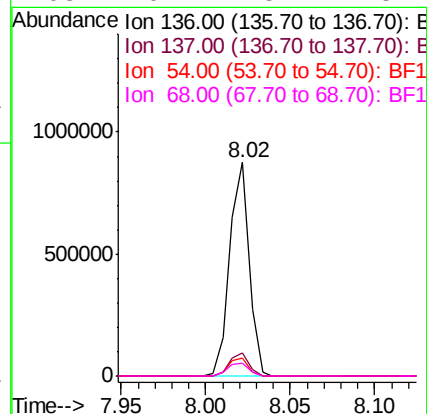
RT: 8.02 min Scan# 1009

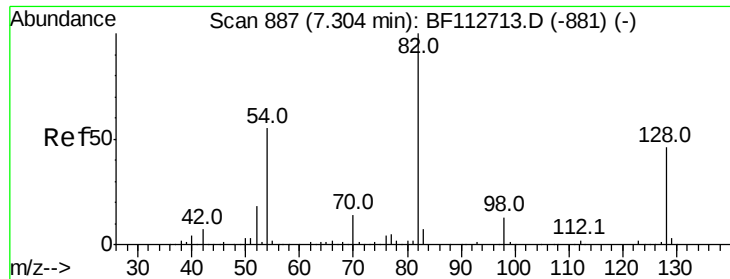
Delta R.T. 0.00 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Tgt Ion:	136	Resp:	701350
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.1	7.3	10.9
68	6.1	5.4	8.2





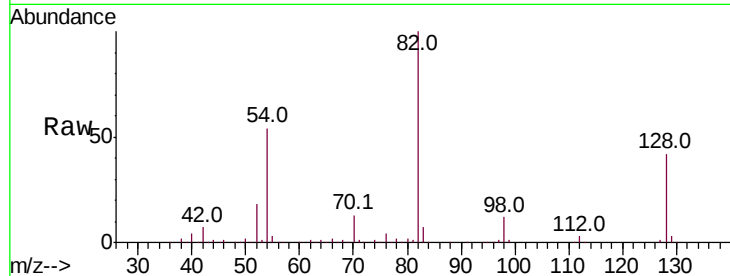
#23
Nitrobenzene-d5
Concen: 38.059 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	36.3	54.5	
54	54.2	43.7	65.5	

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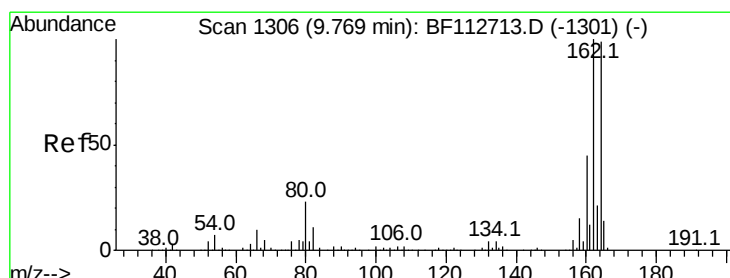
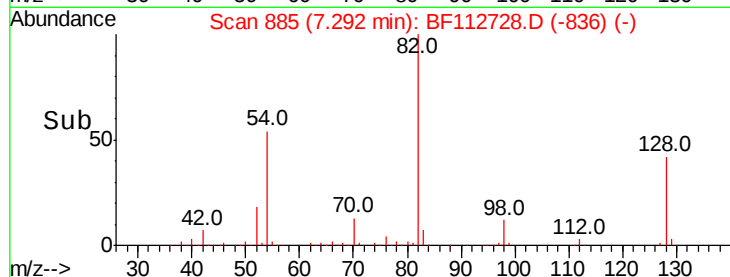
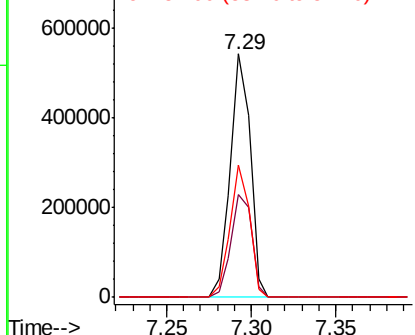


Abundance

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: BF112728.D
Acq: 27 Feb 2019 19:27

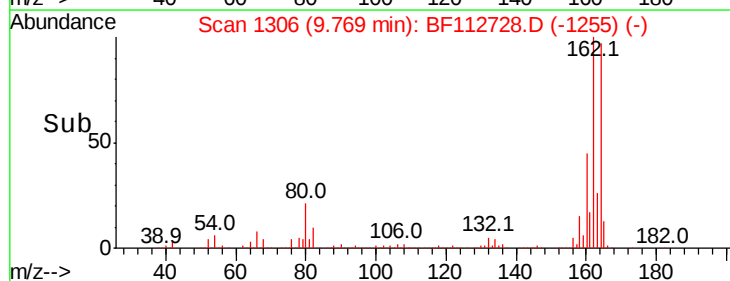
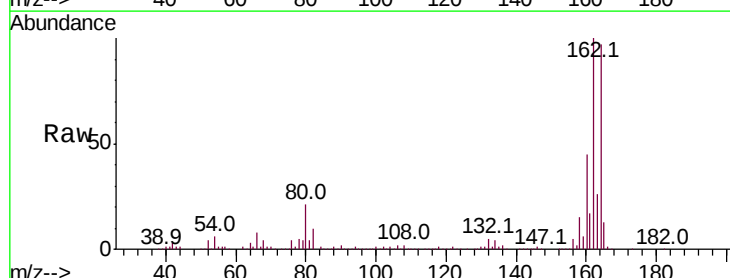
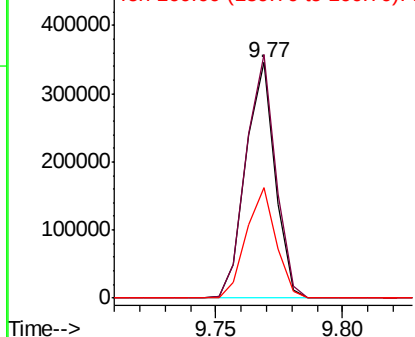
Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	80.6	120.8	
160	47.0	36.0	54.0	

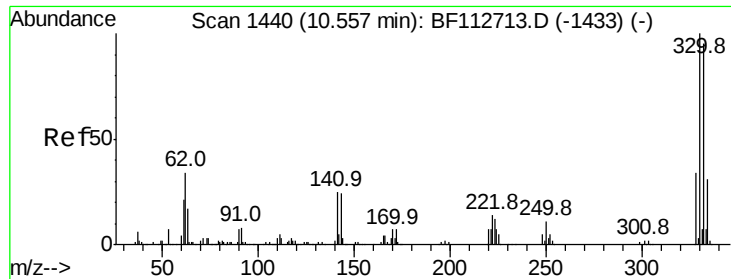
Abundance

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





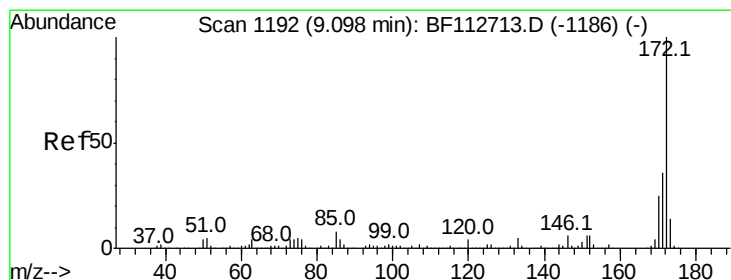
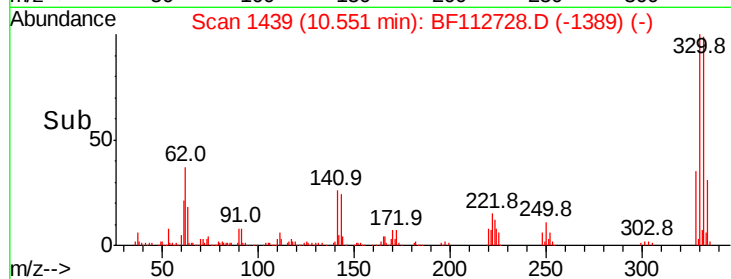
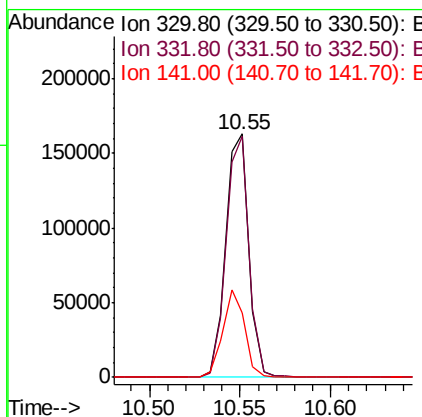
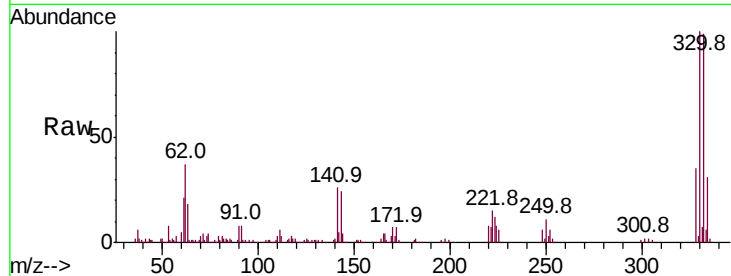
#42
 2,4,6-Tribromophenol
 Concen: 49.220 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	145052		
332	97.7	76.2	114.4	
141	34.0	27.0	40.6	

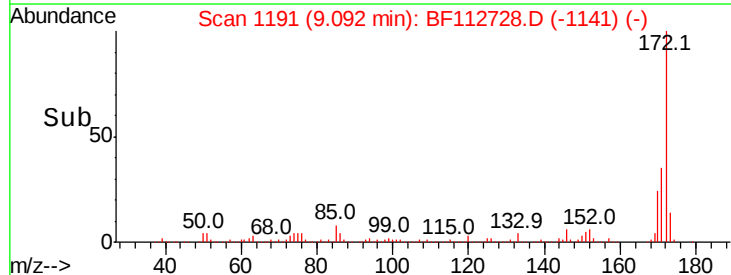
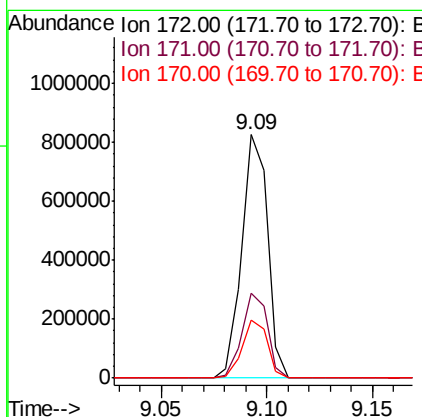
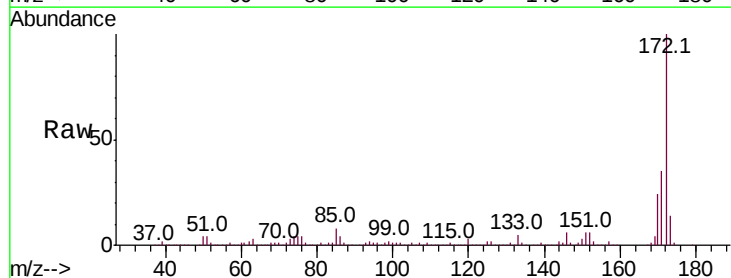
Manual Integrations
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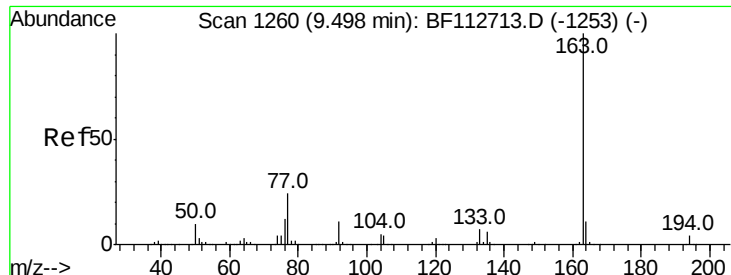
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#45
 2-Fluorobiphenyl
 Concen: 35.511 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	698582		
171	34.8	29.0	43.4	
170	23.8	20.0	30.0	





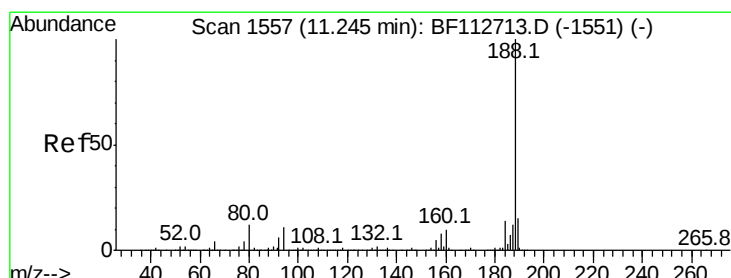
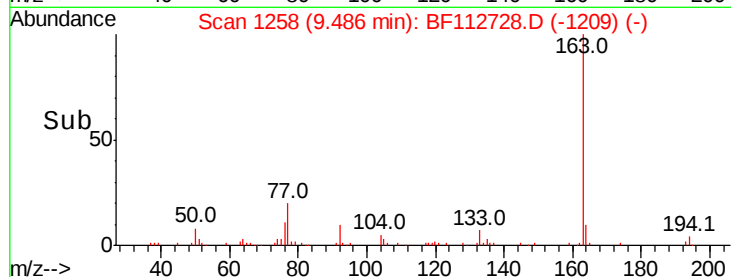
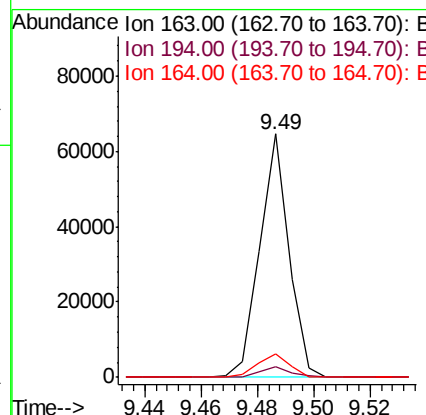
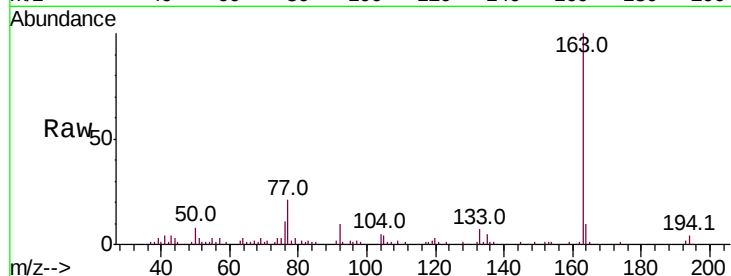
#50
Dimethylphthalate
Concen: 2.261 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

Tot Ion	Ratio	Resp	Lower	Upper
163	100	46288		
194	4.3		3.0	4.4
164	9.7		8.4	12.6

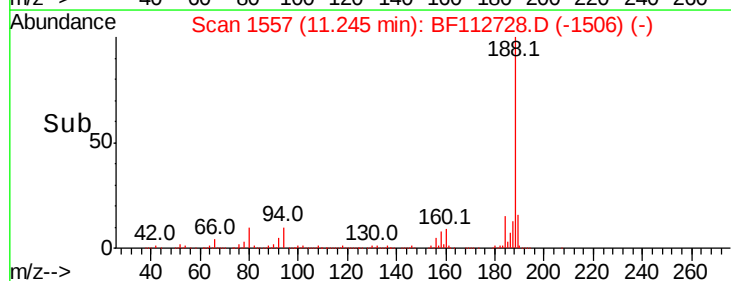
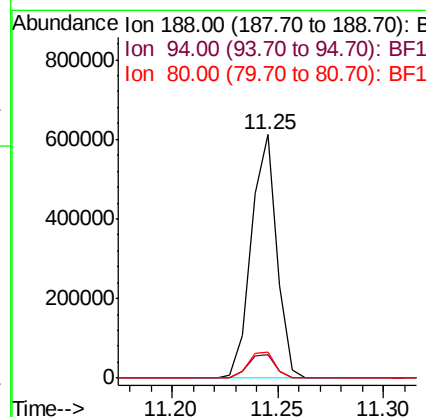
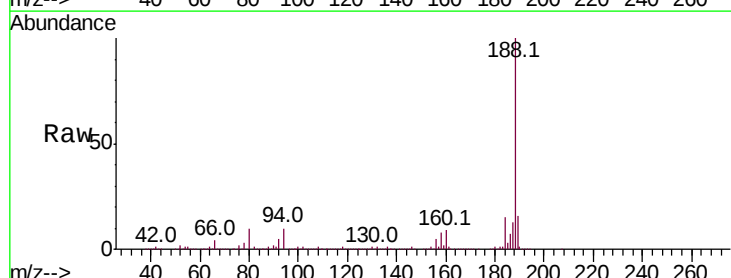
Manual Integrations
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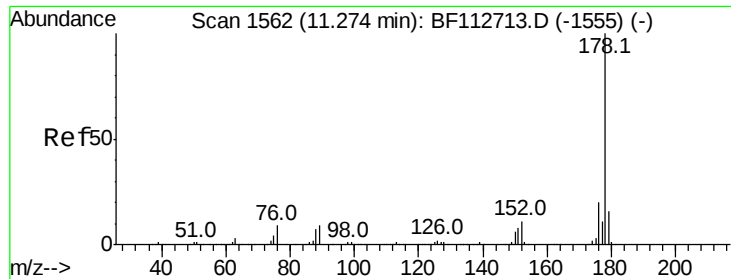
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	510152		
94	9.9		9.0	13.4
80	10.4		9.2	13.8





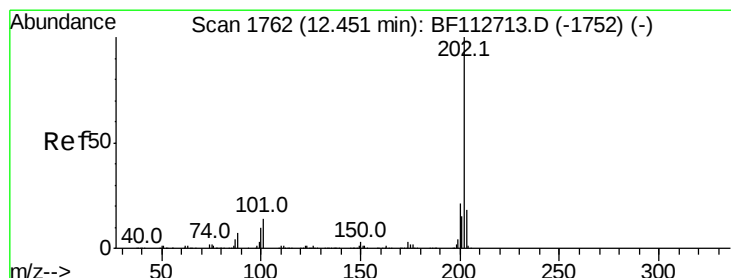
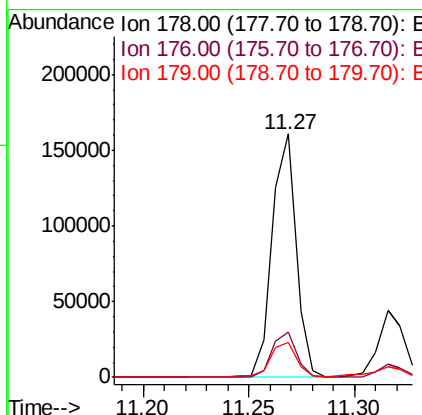
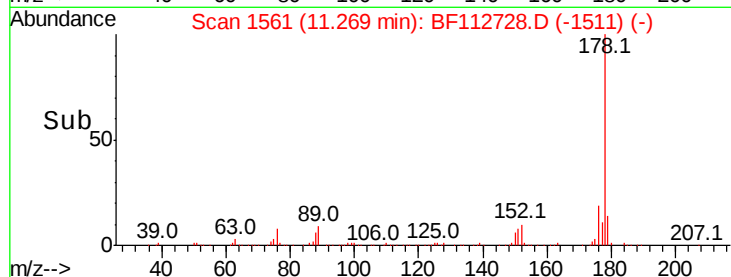
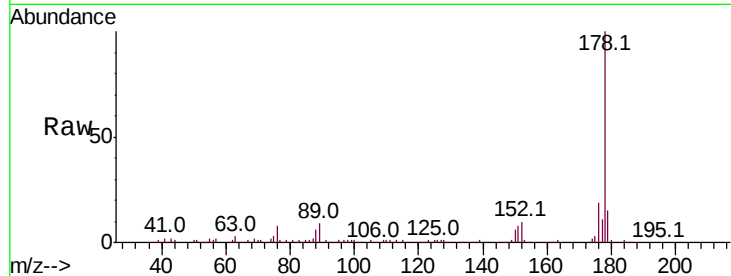
#71
Phenanthrene
Concen: 5.030 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.3	24.5
179	14.5	12.7	19.1

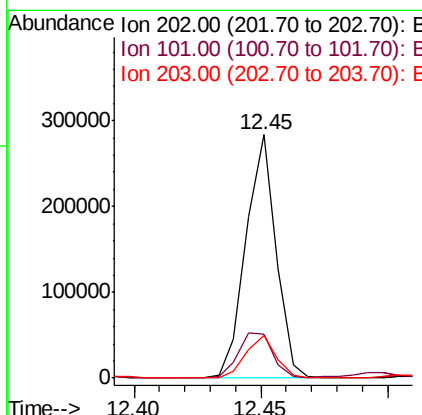
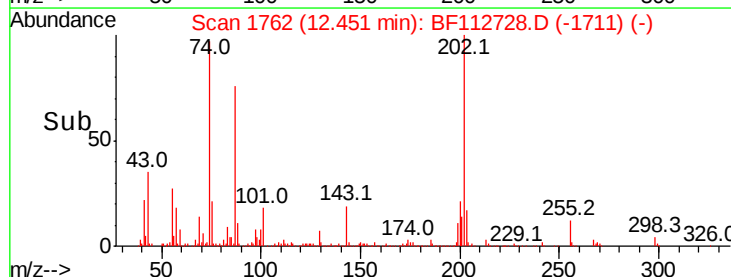
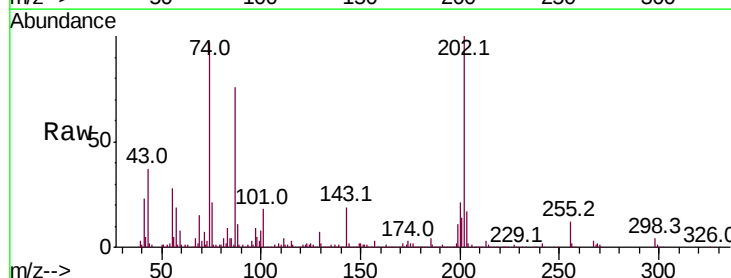
Manual Integrations
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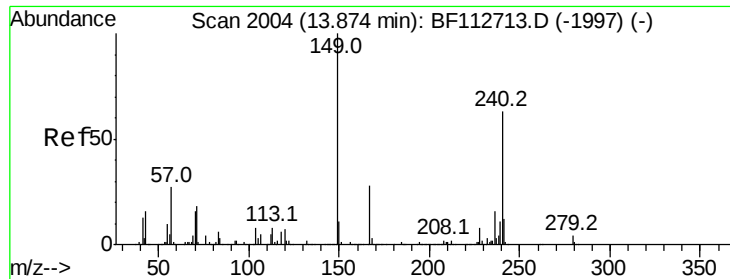
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#75
Fluoranthene
Concen: 8.623 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.1	0.0	33.8
203	17.4	0.0	38.4





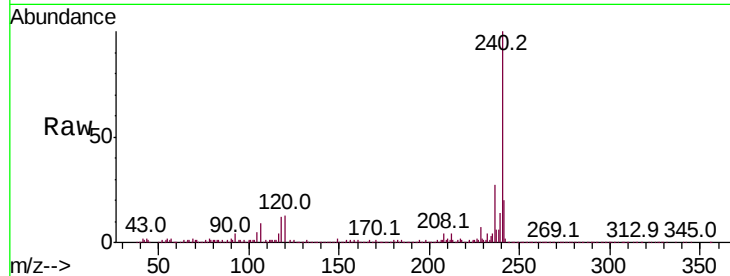
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.9	13.3
236	26.6	20.7	31.1

Manual Integrations
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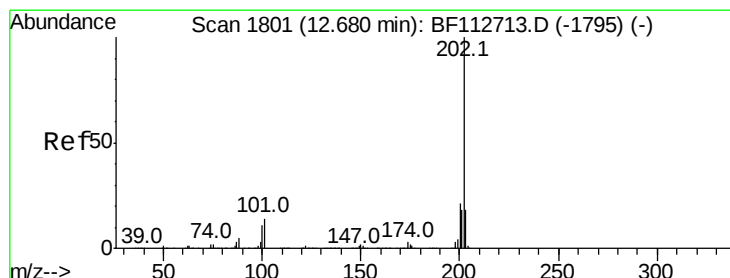
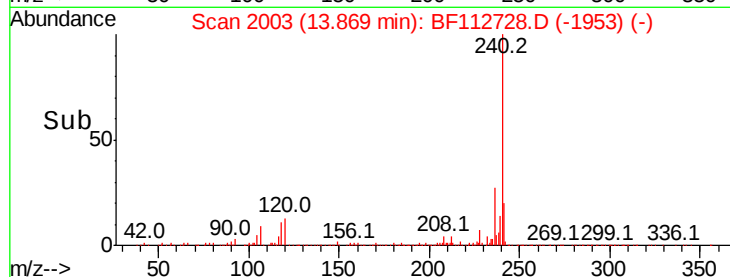
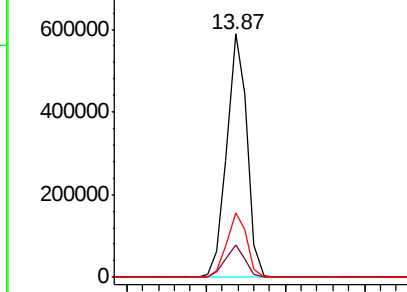
Abundance

Ion 240.00 (239.70 to 240.70): E

800000

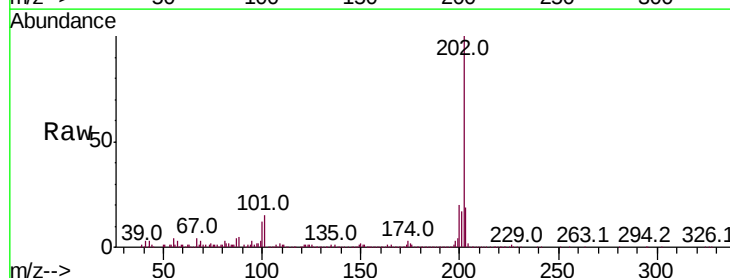
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 5.652 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.0	25.4
203	18.8	14.4	21.6

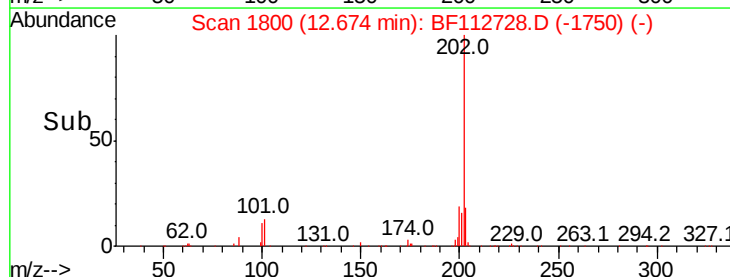
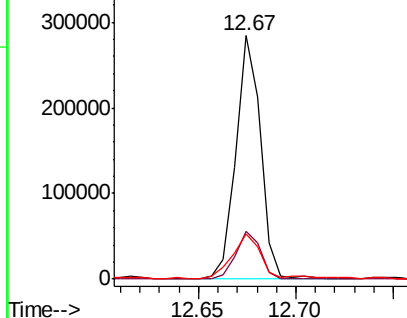


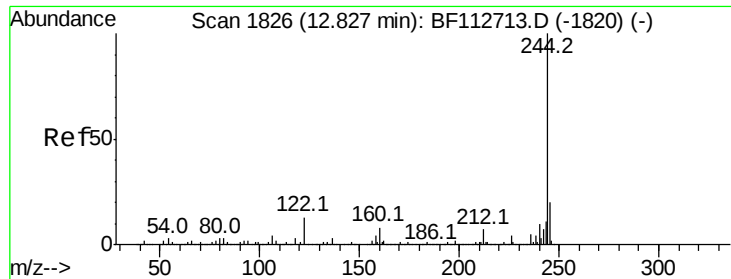
Abundance

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





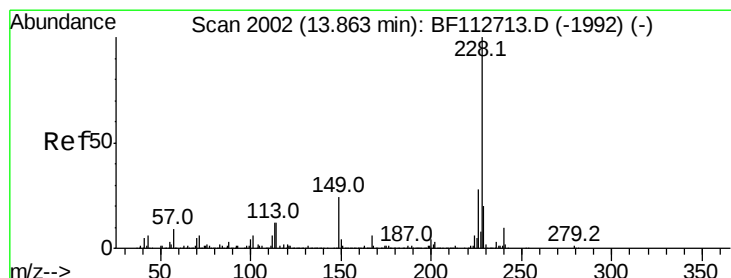
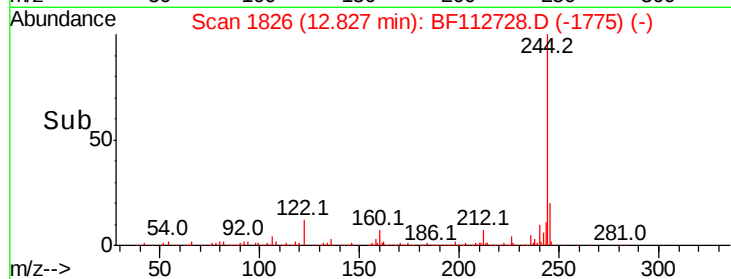
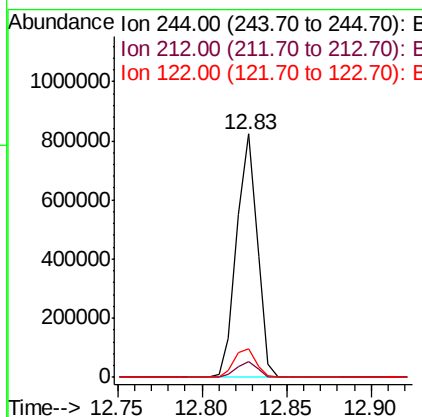
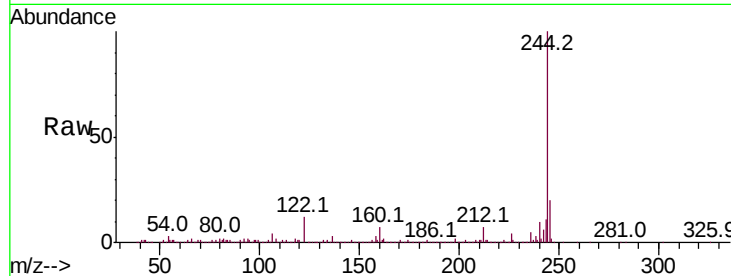
#79
 Terphenyl-d14
 Concen: 26.080 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-D

Tot Ion	Ratio	Resp	Lower	Upper
244	100	696560		
212	6.6		5.6	8.4
122	11.9		10.5	15.7

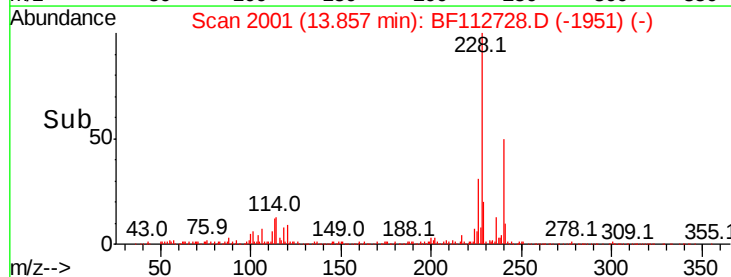
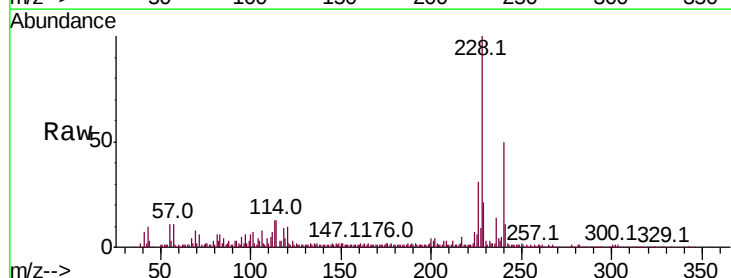
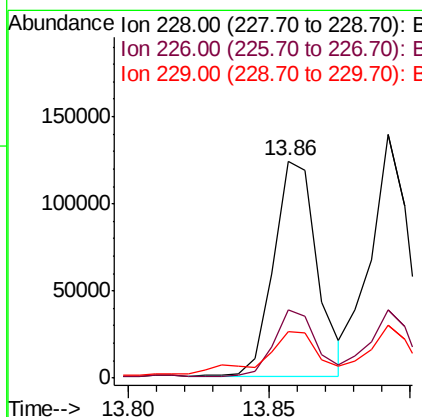
Manual Integrations
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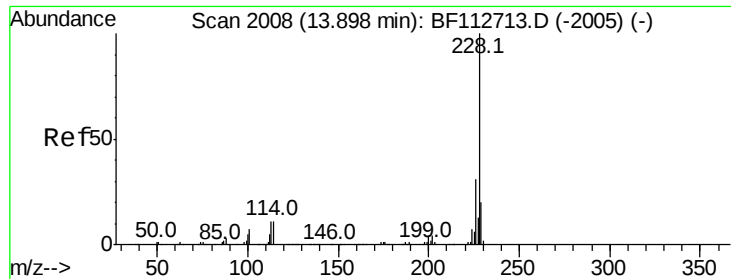
Sohil
 2/28/2019 12:47:09 PM



#81
 Benzo(a)anthracene
 Concen: 3.702 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	132855		
226	31.4		22.2	33.4
229	21.3		16.0	24.0





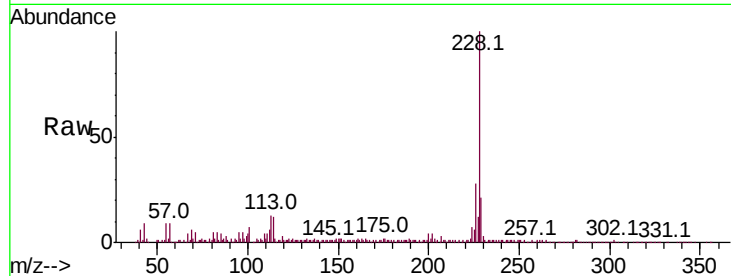
#83
 Chrysene
 Concen: 3.682 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

Instrument :
 BNA_F
 ClientSampled :
 PL-02-022619-D

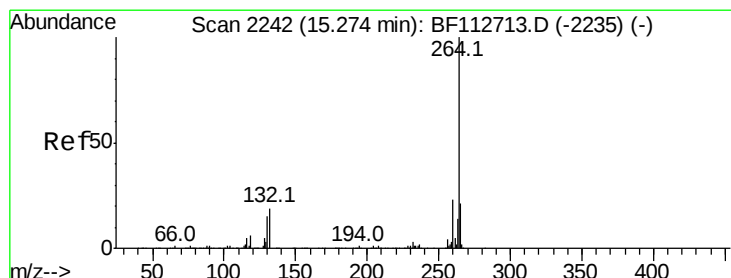
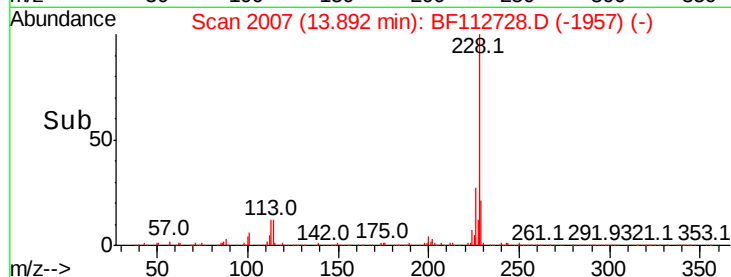
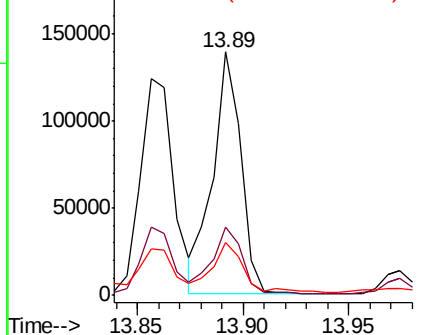
Tot Ion:	228	Resp:	129414
Ion Ratio	Lower	Upper	
228	100		
226	27.8	24.9	37.3
229	21.5	16.3	24.5

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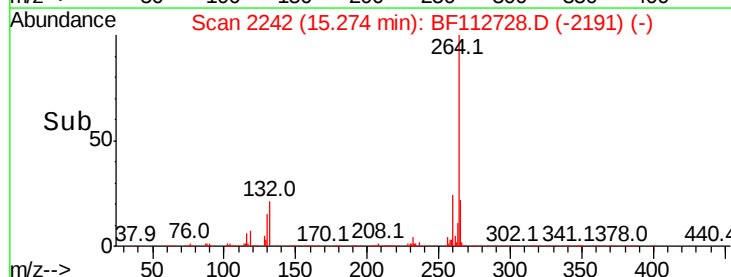
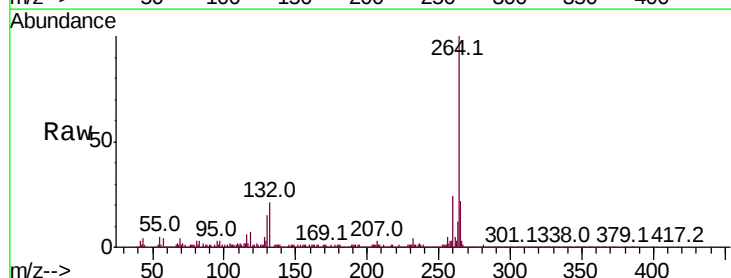
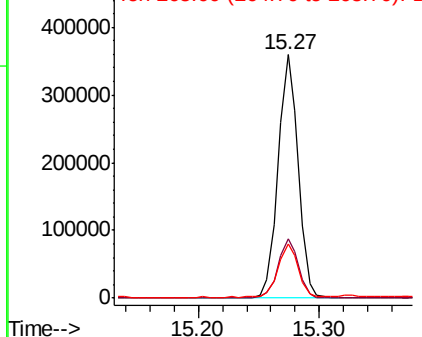
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

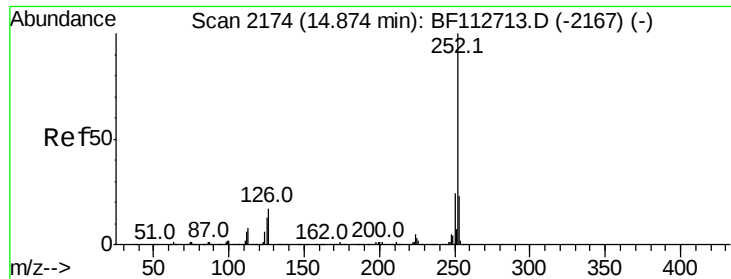


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

Tgt Ion:	264	Resp:	412251
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.7	28.1
265	22.2	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 5.507 ng m

RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

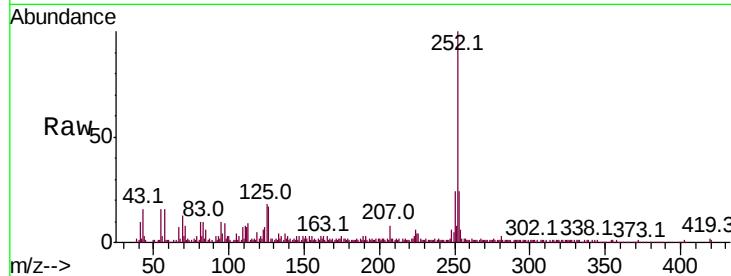
ClientSampleId :

PL-02-022619-D

Tot Ion:	252	Resp:	146843
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.0	27.0
125	17.6	10.2	15.2#

Manual Integrations
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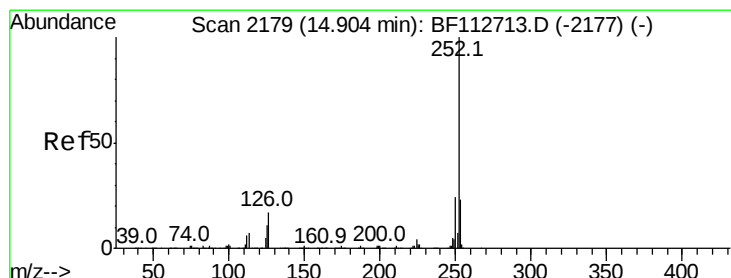
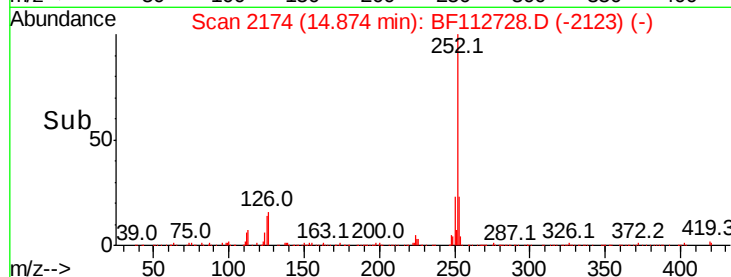
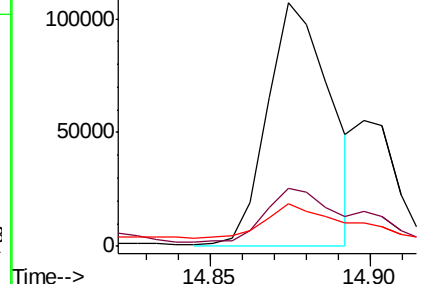
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.070 ng m

RT: 14.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BF112728.D

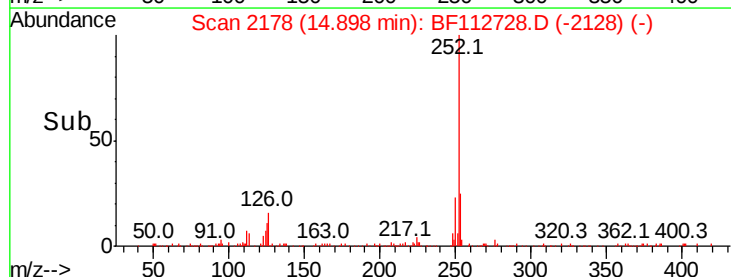
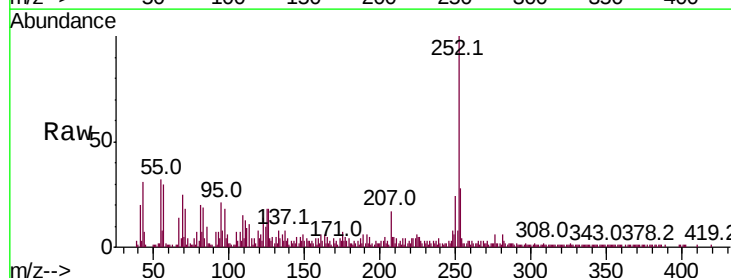
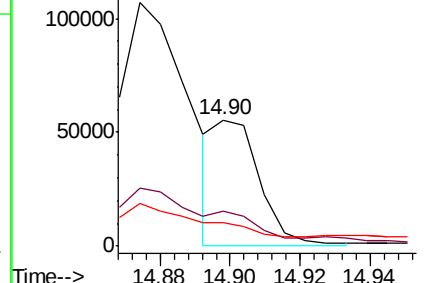
Acq: 27 Feb 2019 19:27

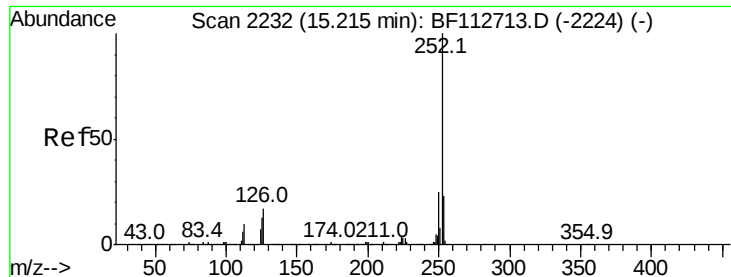
Tgt Ion:	252	Resp:	50003
Ion Ratio	Lower	Upper	
252	100		
253	27.7	18.2	27.2#
125	18.4	9.8	14.6#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





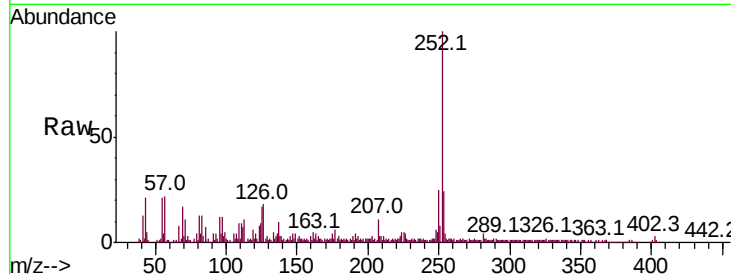
#90
Benzo(a)pyrene
Concen: 3.956 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	16.9	10.7	16.1

Manual Integrations
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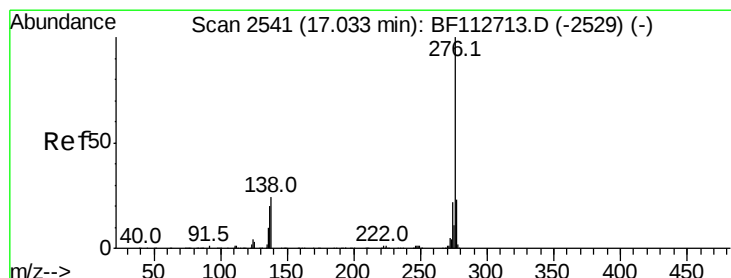
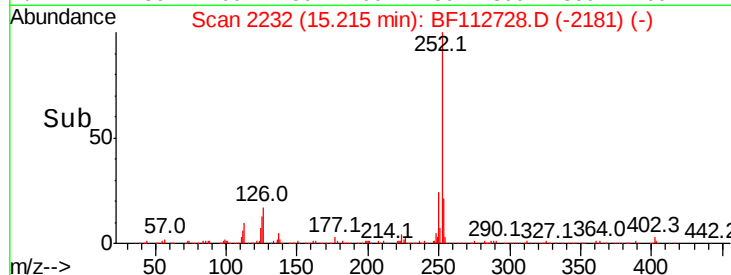
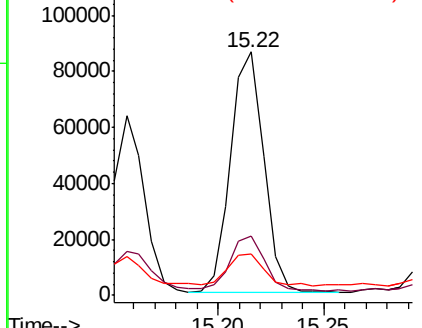


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.248 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.6	27.8
138	29.8	19.4	29.0

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

