

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109807.D
 Acq On : 12 Oct 2018 00:49
 Operator : JU/SJ
 Sample : J5314-07 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-24

Manual Integrations
 APPROVED

Sohil
 10/12/2018 11:01:36 AM

Quant Time: Oct 12 05:55:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	69599	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	286746	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	121386	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	217806	20.00	ng	0.00
75) Chrysene-d12	13.83	240	208064	20.00	ng	0.00
86) Perylene-d12	15.23	264	153084	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	201665	51.43	ng	-0.01
7) Phenol-d6	6.34	99	307136	58.64	ng	-0.02
23) Nitrobenzene-d5	7.26	82	189338	36.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	65205	49.30	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	312274	35.43	ng	-0.01
78) Terphenyl-d14	12.78	244	268495	24.98	ng	0.00

Target Compounds

						Qvalue
49) Dimethylphthalate	9.44	163	41278	4.637	ng	99
51) Acenaphthene	9.75	154	24732	3.522	ng	99
54) Dibenzofuran	9.93	168	22693	2.156	ng	96
57) Fluorene	10.27	166	30008	3.818	ng	97
70) Phenanthrene	11.22	178	384584	35.283	ng	100
71) Anthracene	11.27	178	123726	10.981	ng	99
72) Carbazole	11.45	167	42937	3.929	ng	98
74) Fluoranthene	12.41	202	567692	49.855	ng	98
77) Pyrene	12.63	202	504670	33.106	ng	98
80) Benzo(a)anthracene	13.82	228	272325	23.718	ng	97
82) Chrysene	13.86	228	233338	19.348	ng	97
83) Bis(2-ethylhexyl)phthalate	13.82	149	98729	12.244	ng	97
85) Indeno(1,2,3-cd)pyrene	16.59	276	80435	9.318	ng	# 92
87) Benzo(b)fluoranthene	14.84	252	209692m	24.787	ng	
88) Benzo(k)fluoranthene	14.85	252	107316m	12.626	ng	
89) Benzo(a)pyrene	15.17	252	159257	20.745	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	21558	3.419	ng	# 90
91) Benzo(g,h,i)perylene	16.99	276	77965	12.383	ng	94

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

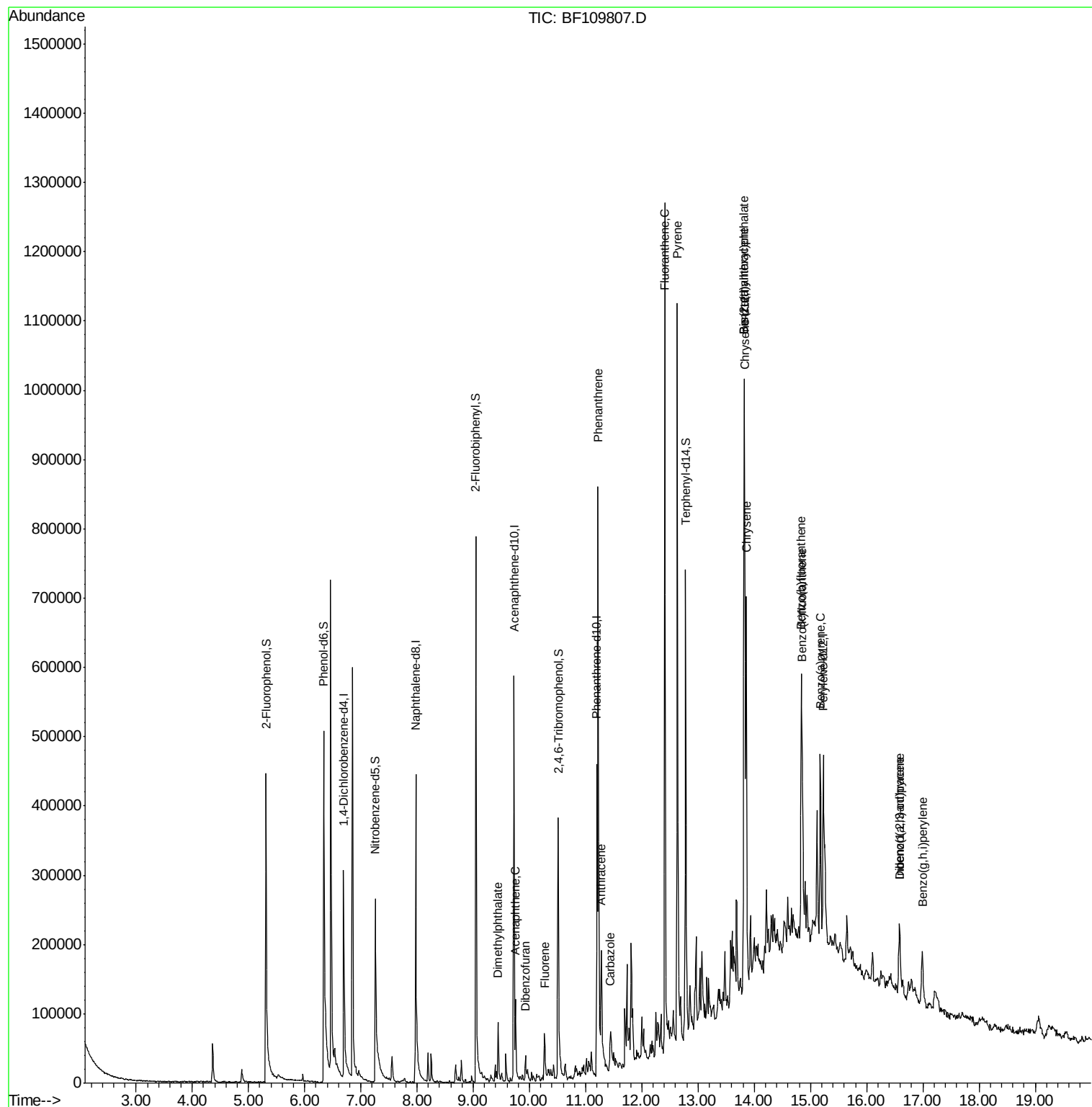
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
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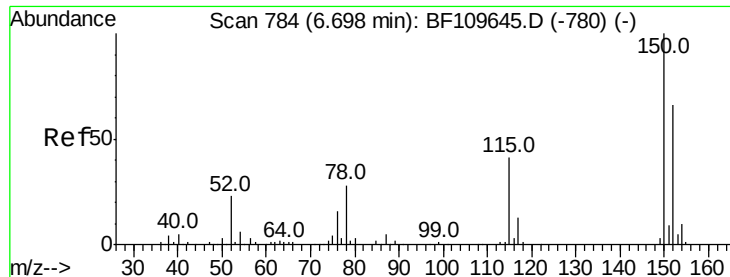
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

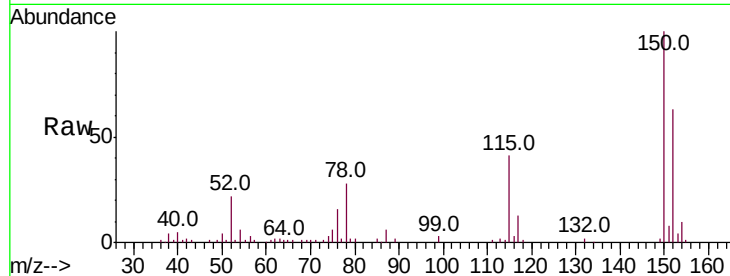
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.7	184.1
115	64.4	49.1	73.7

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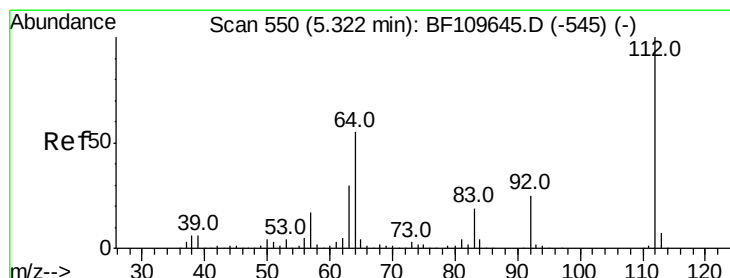
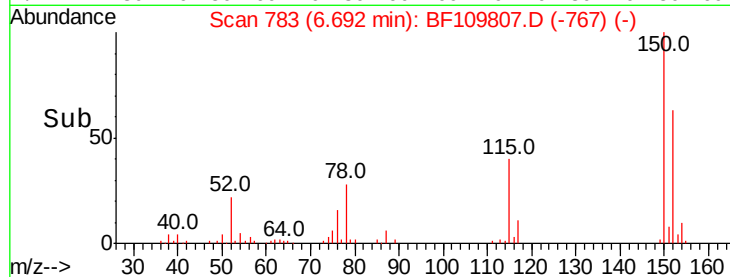
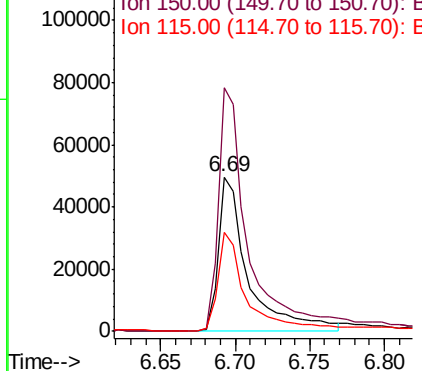


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

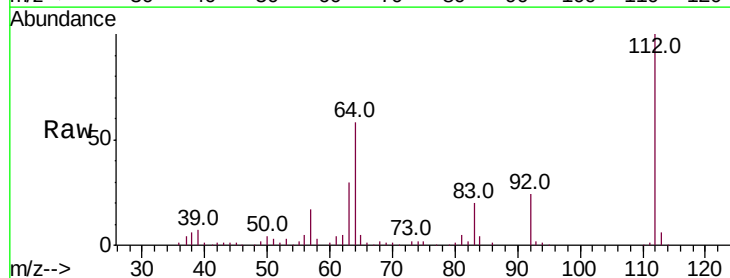
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.432 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.1	66.1
63	30.4	23.7	35.5

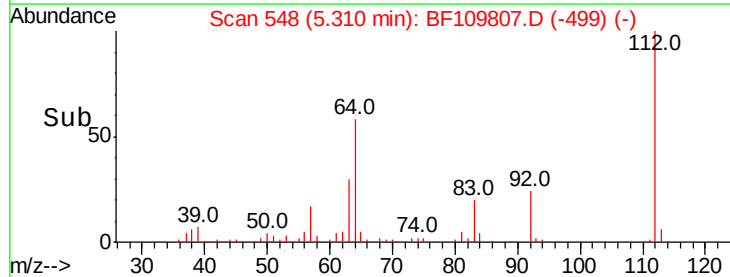
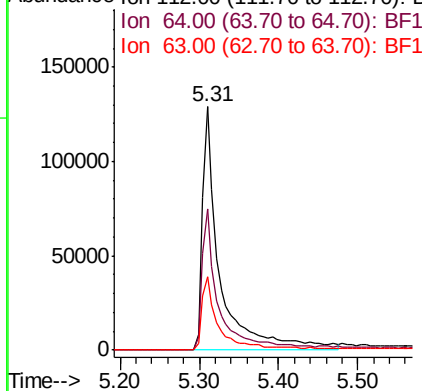


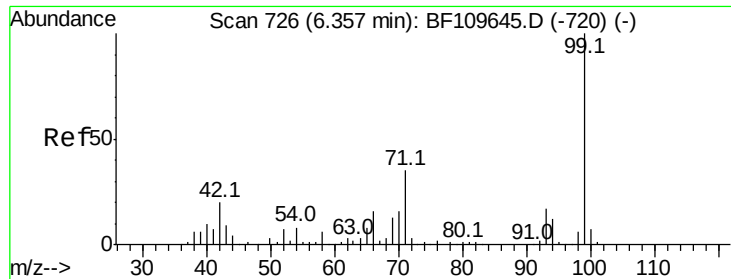
Abundance

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: 58.636 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

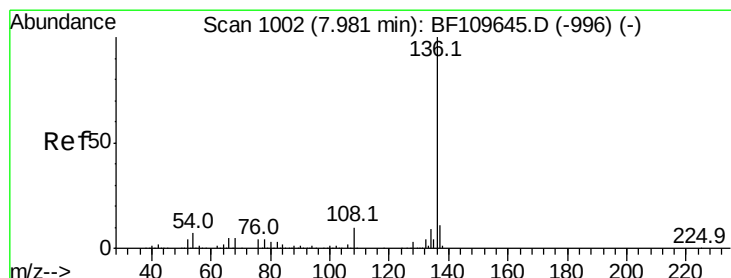
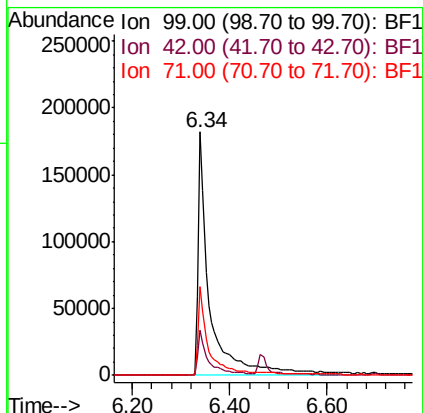
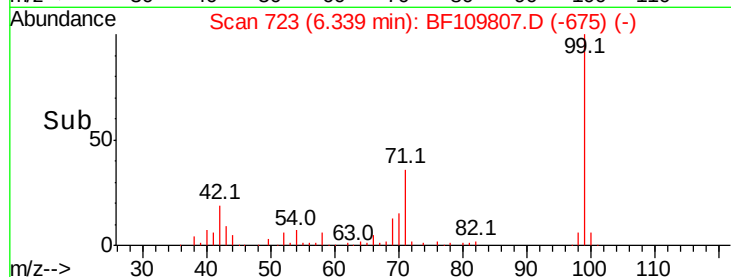
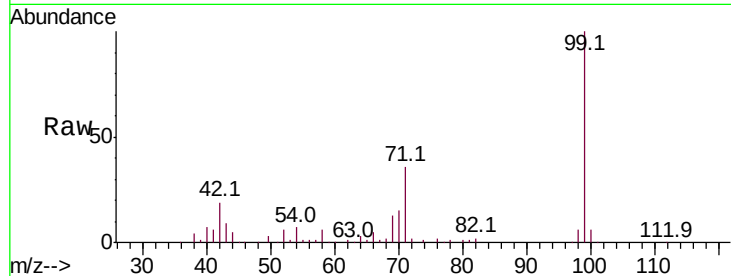
ClientSampleId :

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Tot Ion:	99	Resp:	307136
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.8	23.6
71	36.5	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

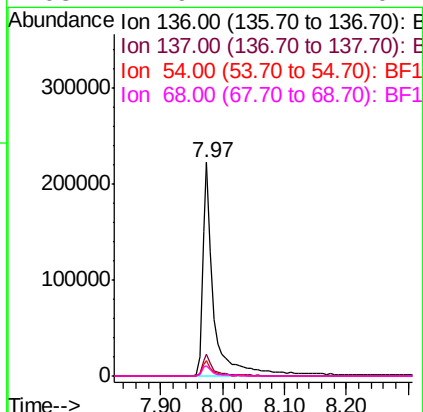
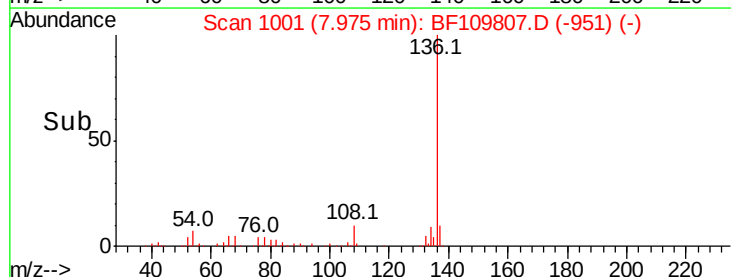
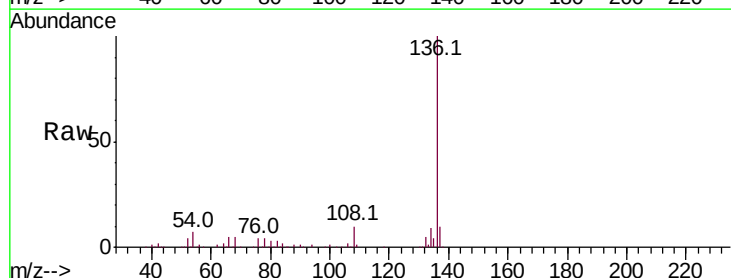
RT: 7.97 min Scan# 1001

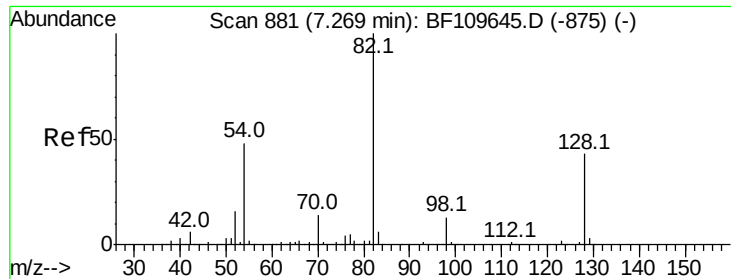
Delta R.T. -0.01 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Tgt Ion:	136	Resp:	286746
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.8	13.2
54	6.9	5.4	8.2
68	4.9	4.2	6.2





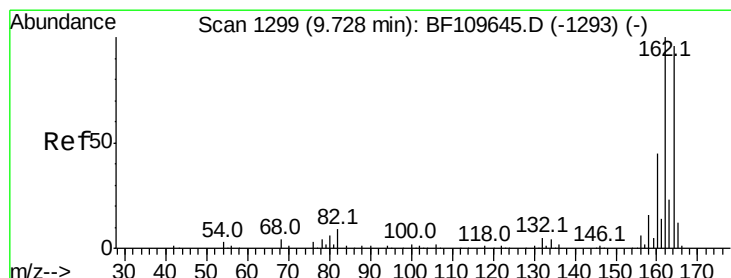
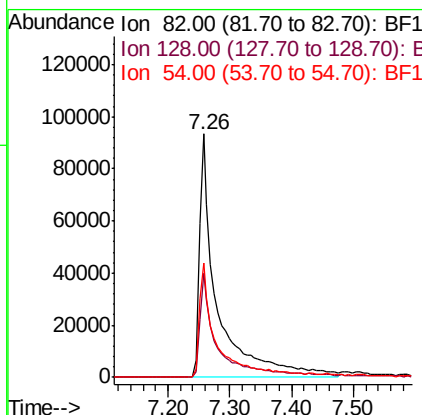
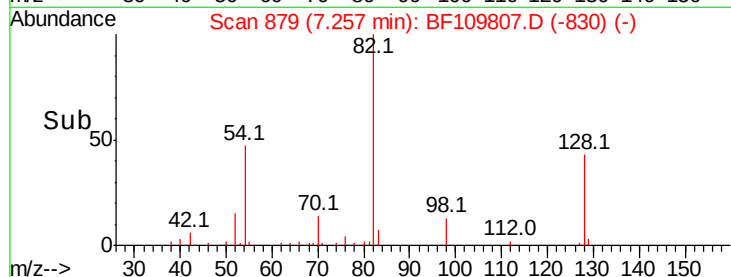
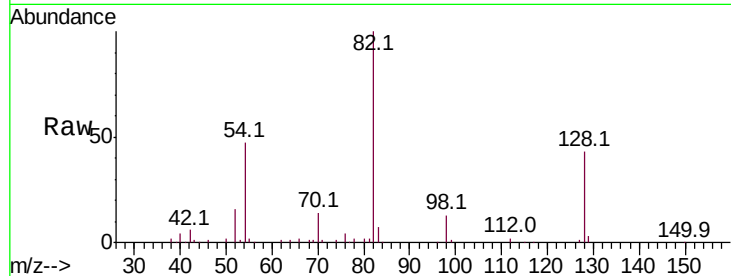
#23
 Nitrobenzene-d5
 Concen: 36.398 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-24

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.2
54	47.1	38.6	58.0

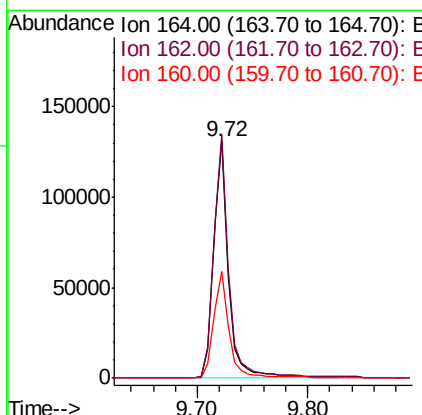
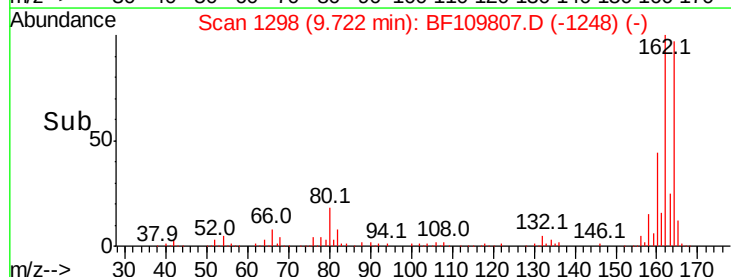
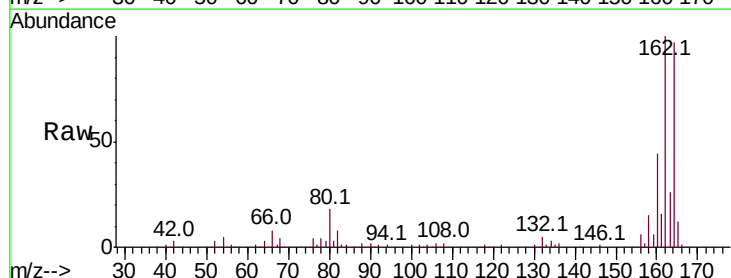
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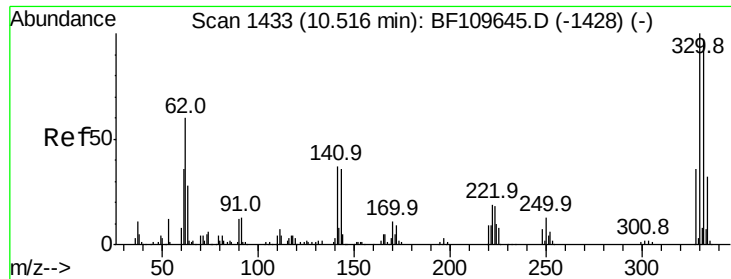
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	44.9	37.0	55.6





#41

2,4,6-Tribromophenol

Concen: 49.299 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

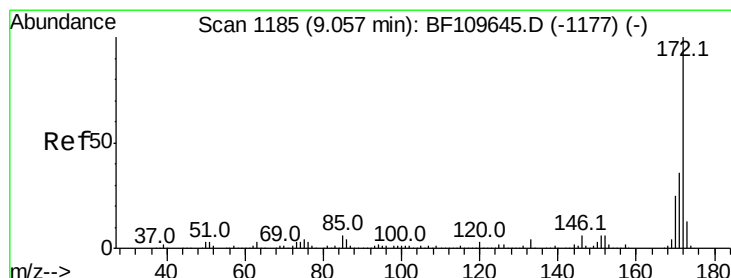
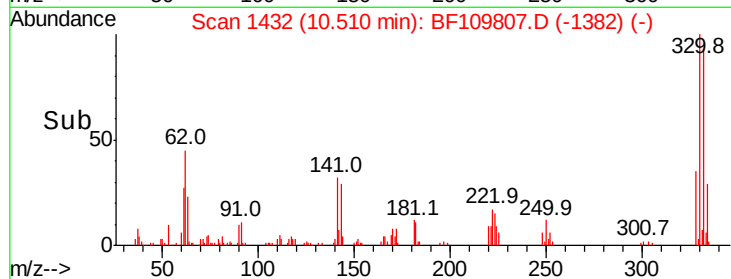
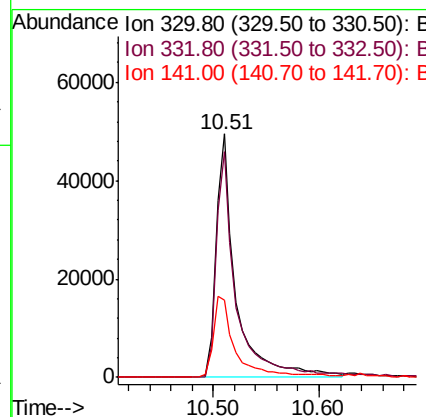
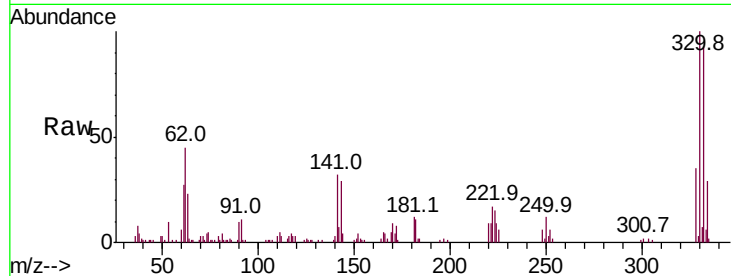
ClientSampleId :

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Tot Ion:	330	Resp:	65205
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.1	115.7
141	37.3	27.0	40.4

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#44

2-Fluorobiphenyl

Concen: 35.431 ng

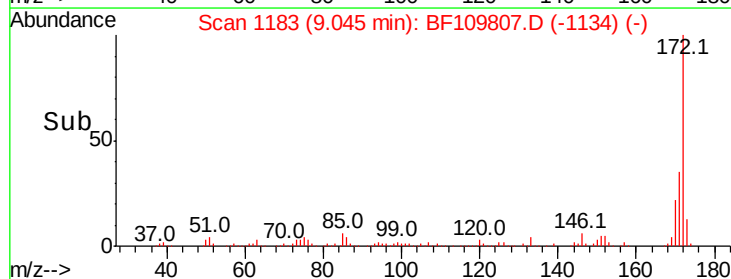
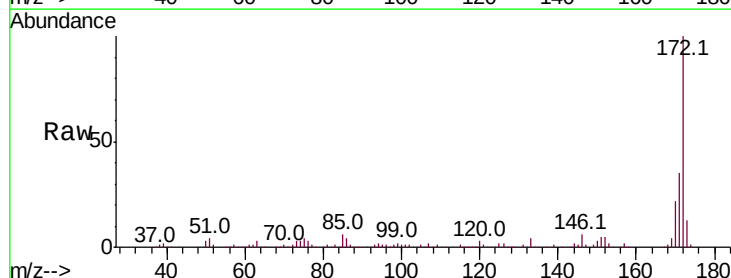
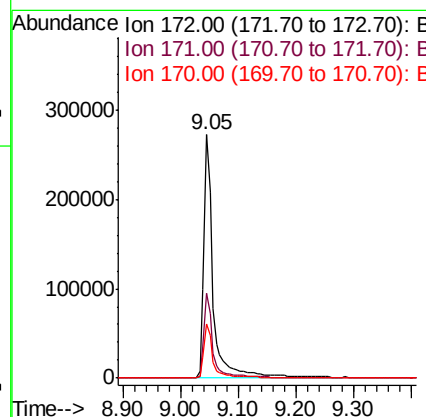
RT: 9.05 min Scan# 1183

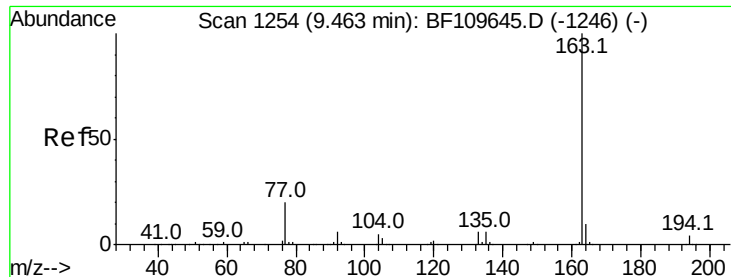
Delta R.T. -0.01 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Tgt Ion:	172	Resp:	312274
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.6	43.0
170	22.4	19.7	29.5





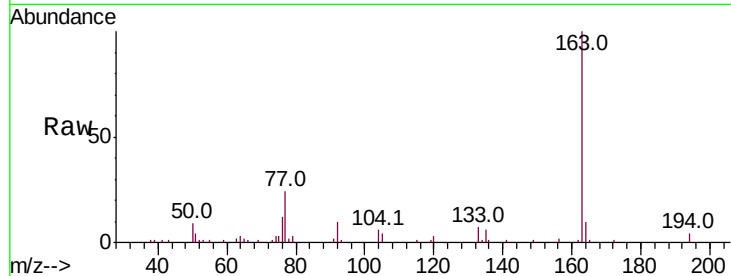
#49
Dimethylphthalate
Concen: 4.637 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

Tot Ion	Ratio	Resp	Lower	Upper
163	100	41278		
194	4.2		3.2	4.8
164	9.5		8.1	12.1

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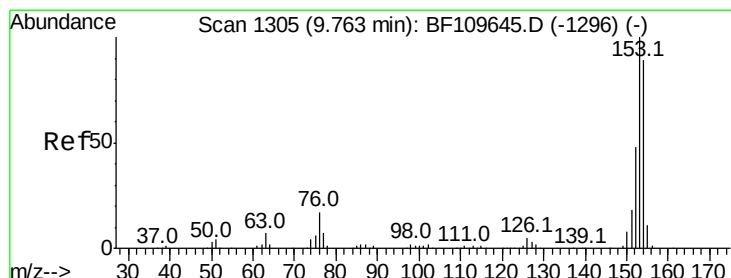
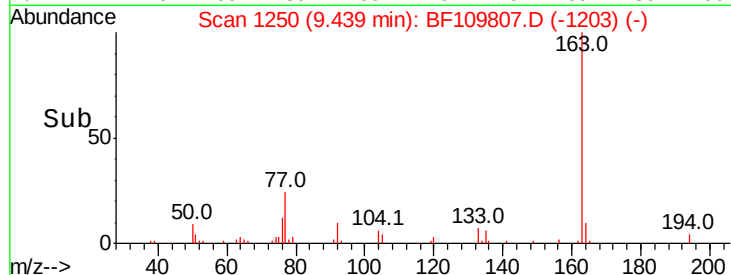
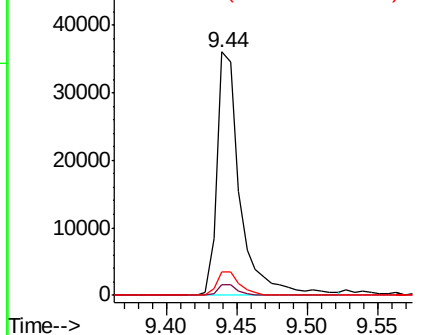


Abundance

Ion 163.00 (162.70 to 163.70): E

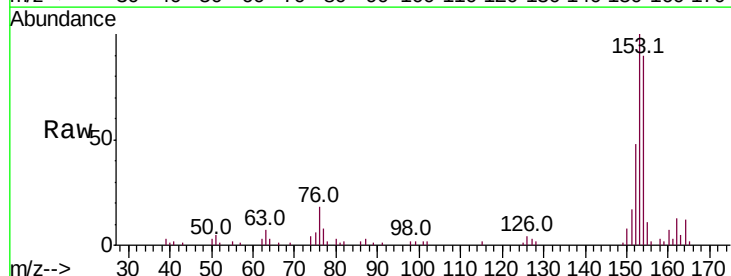
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
Acenaphthene
Concen: 3.522 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	24732		
153	111.4		90.1	135.1
152	53.9		43.4	65.2

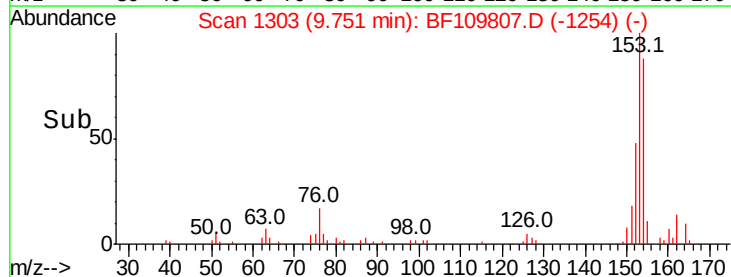
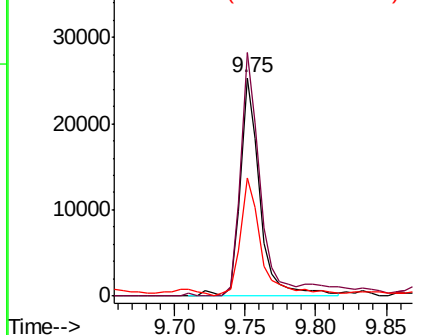


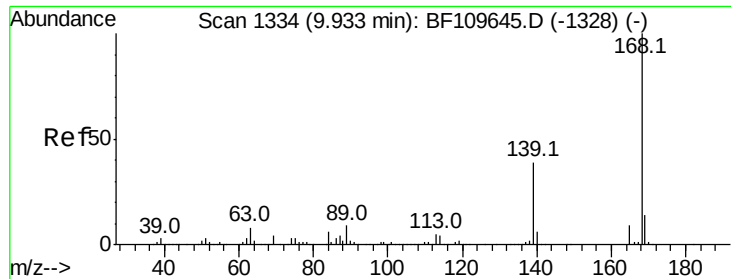
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





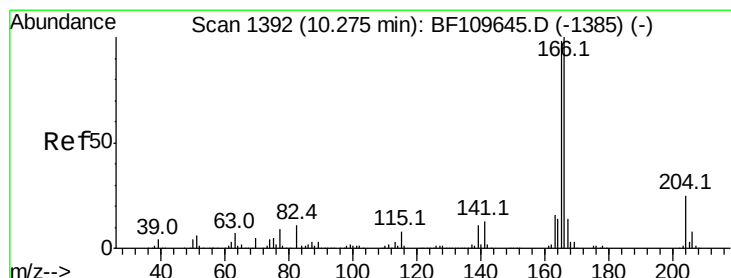
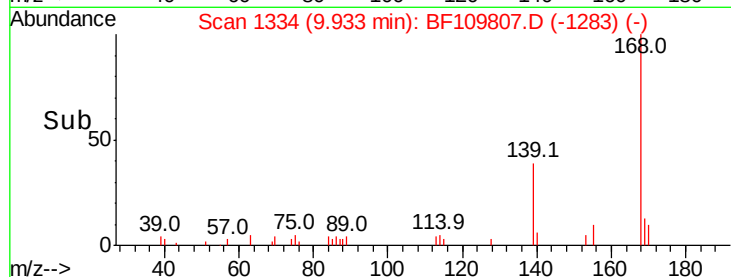
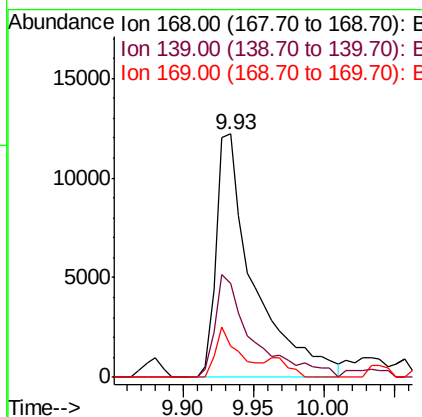
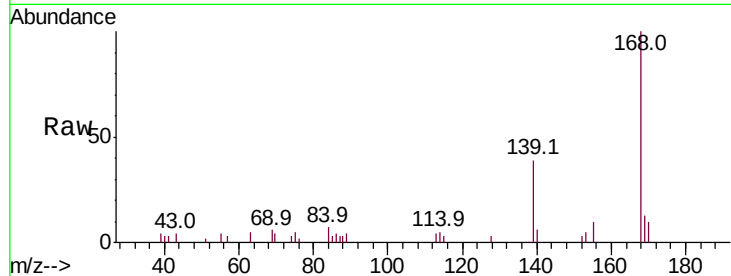
#54
Dibenzenofuran
Concen: 2.156 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	33.0	49.6
169	12.8	11.3	16.9

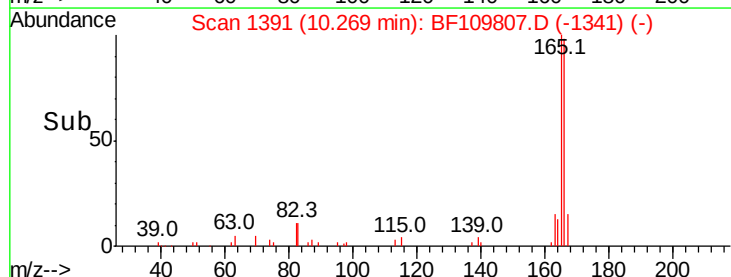
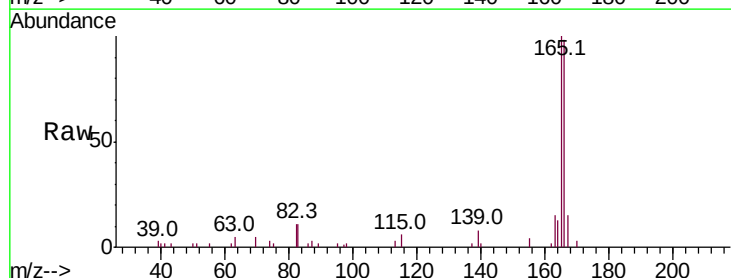
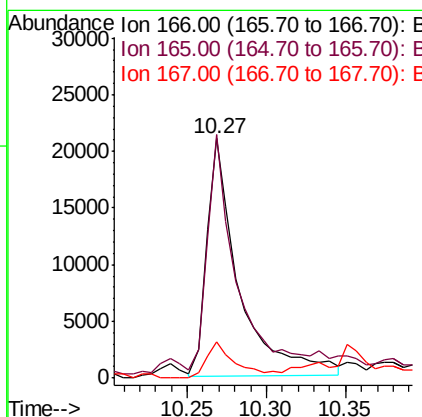
Manual Integrations
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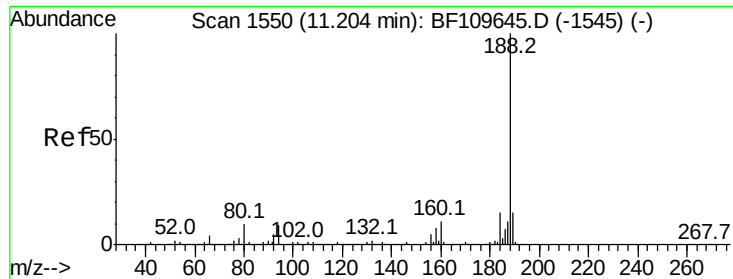
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#57
Fluorene
Concen: 3.818 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.6	117.8
167	15.0	10.8	16.2





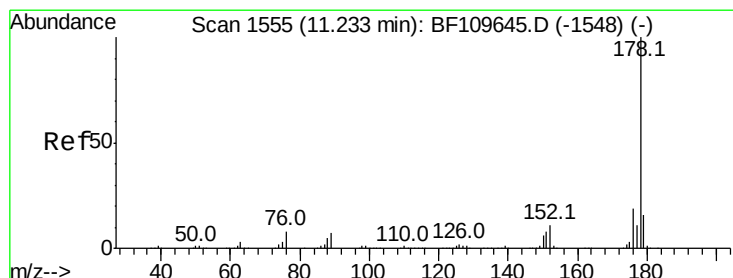
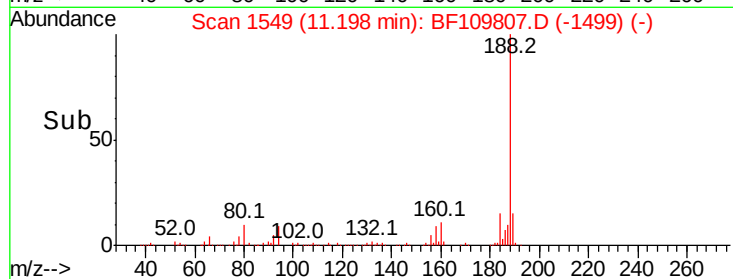
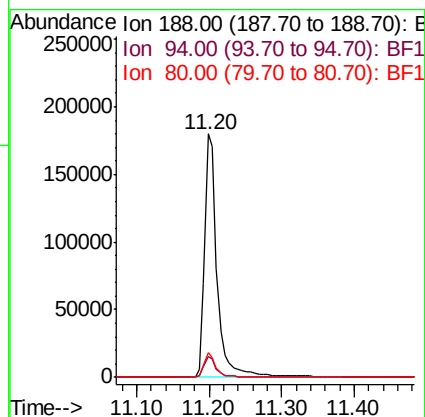
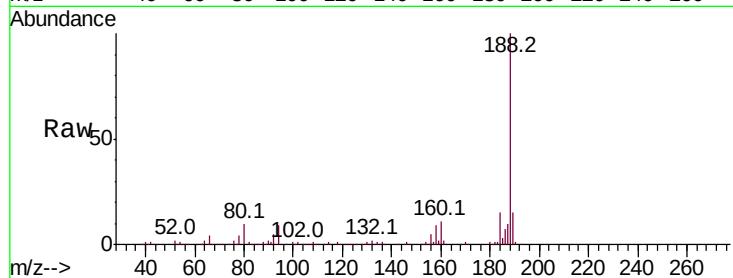
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

Tot Ion	Ratio	Resp	Lower	Upper
188	100	217806		
94	8.8		7.2	10.8
80	10.2		7.9	11.9

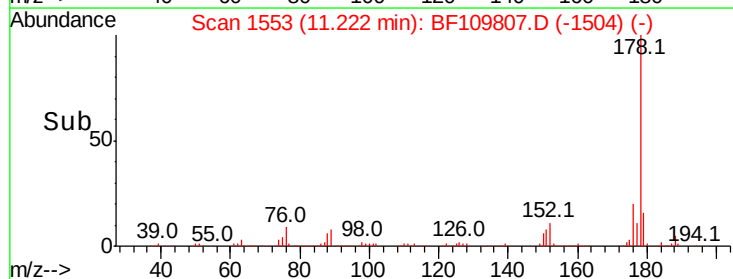
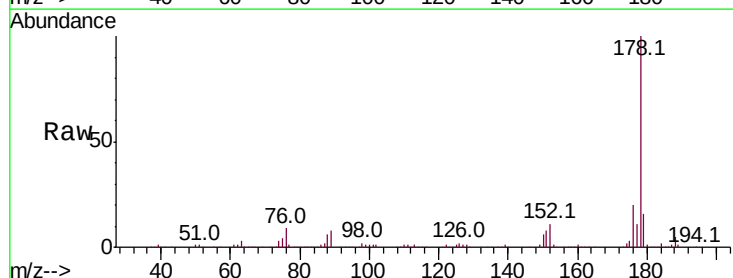
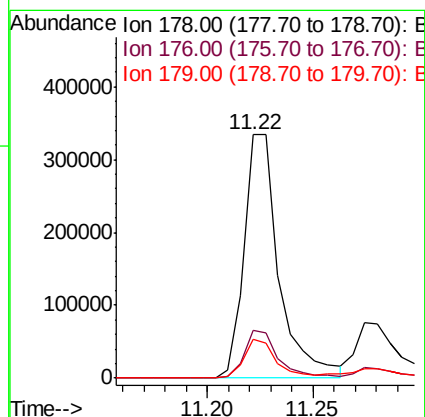
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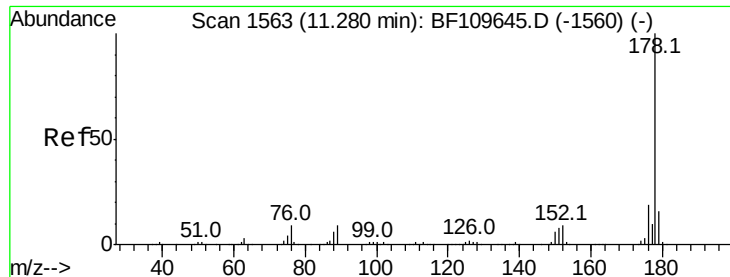
Sohil
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#70
Phenanthrene
Concen: 35.283 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	384584		
176	19.5		15.5	23.3
179	15.7		12.5	18.7





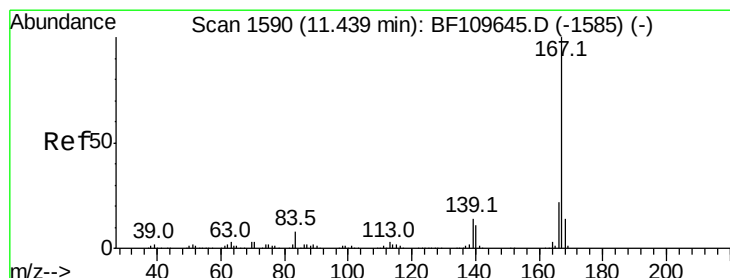
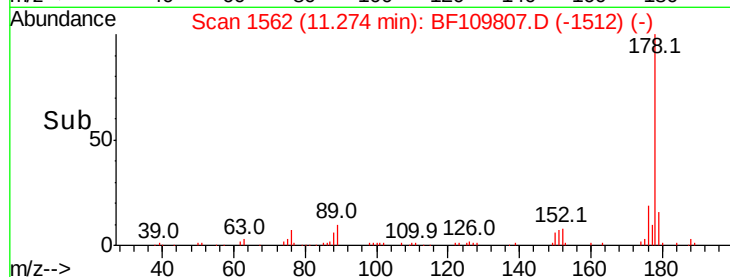
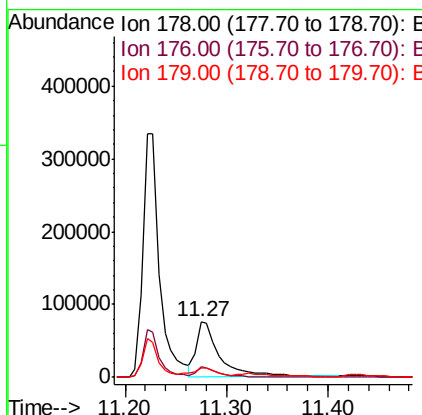
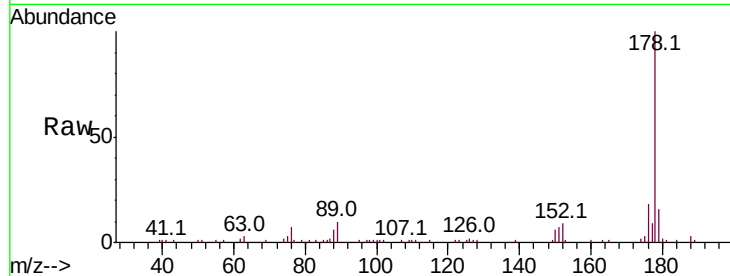
#71
 Anthracene
 Concen: 10.981 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-24

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.0	12.6	18.8

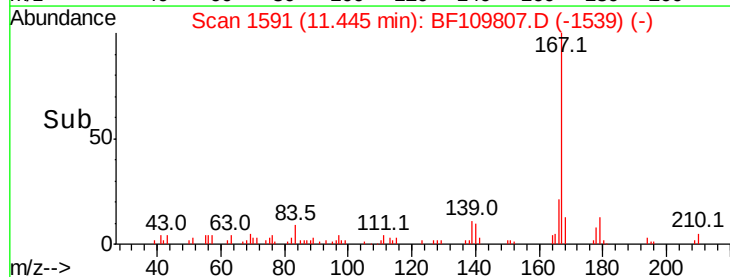
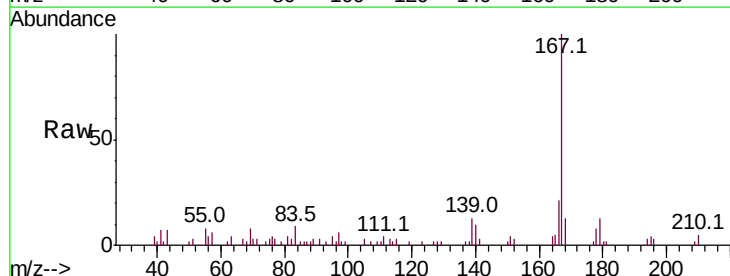
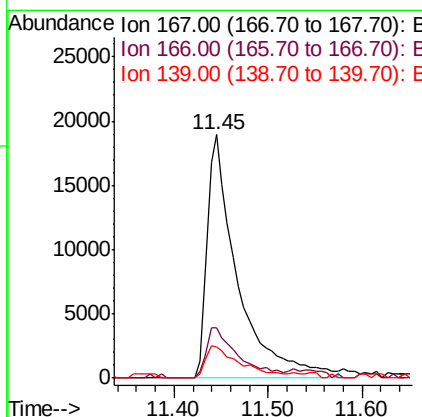
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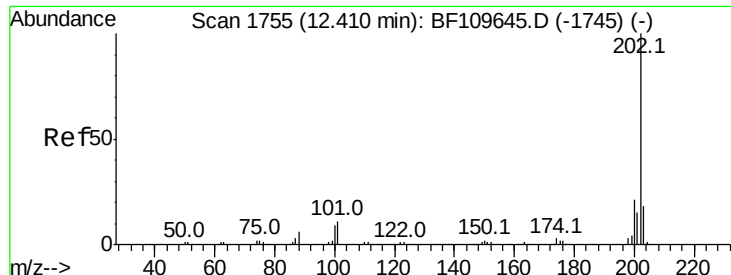
Sohil
 10/12/2018 11:01:36 AM



#72
 Carbazole
 Concen: 3.929 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.4	26.0
139	12.8	10.9	16.3





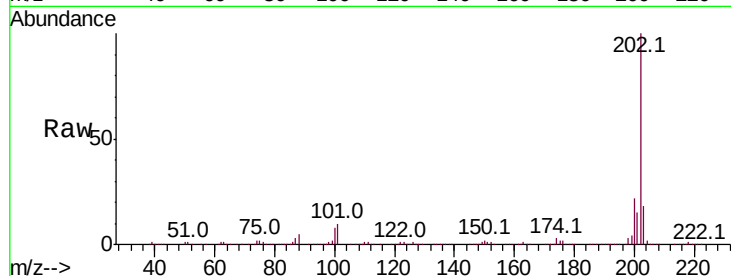
#74
 Fluoranthene
 Concen: 49.855 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-24

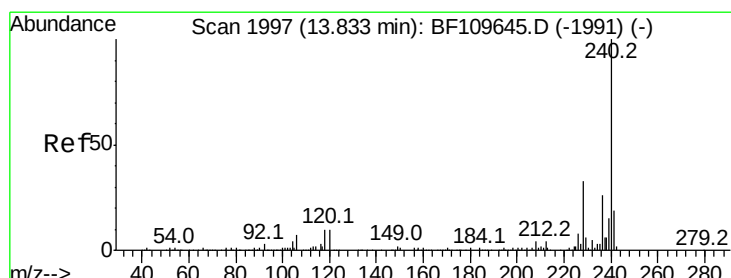
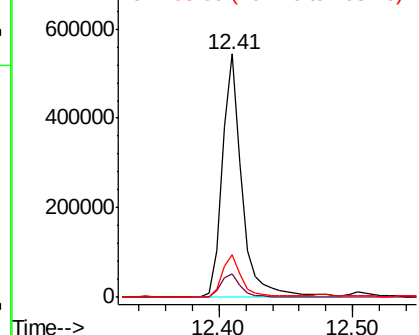
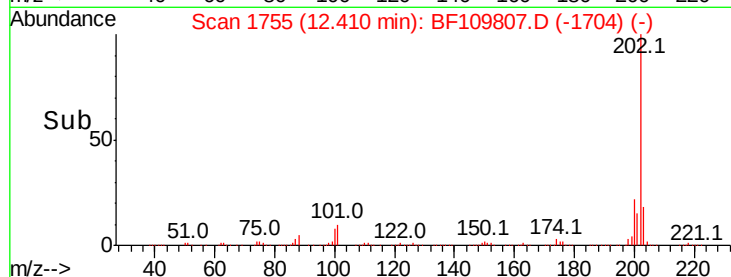
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.6	0.0	37.7

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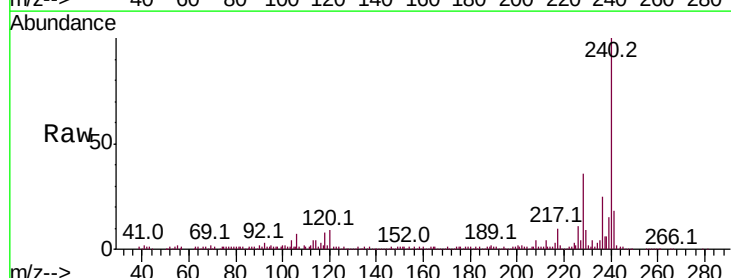


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

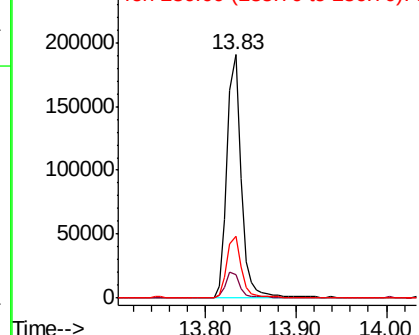
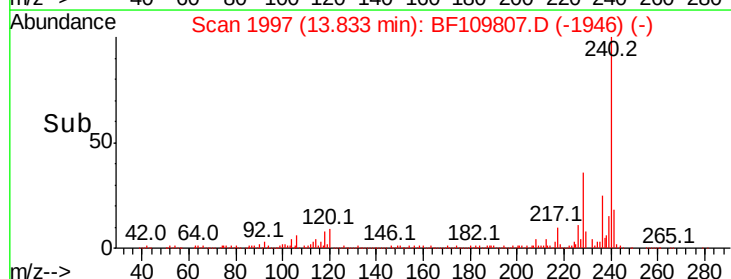


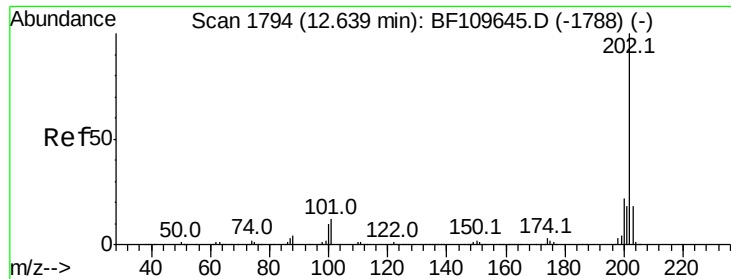
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF109807.D
 Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	8.3	12.5
236	25.2	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





#77

Pvrene

Concen: 33.106 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

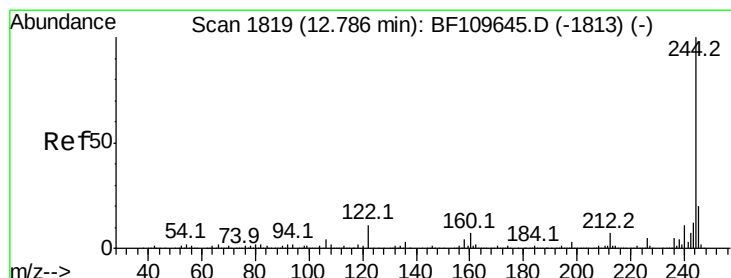
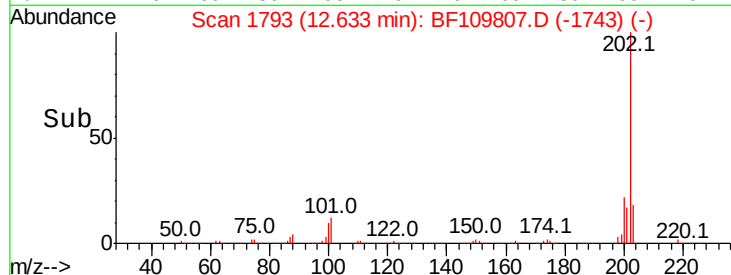
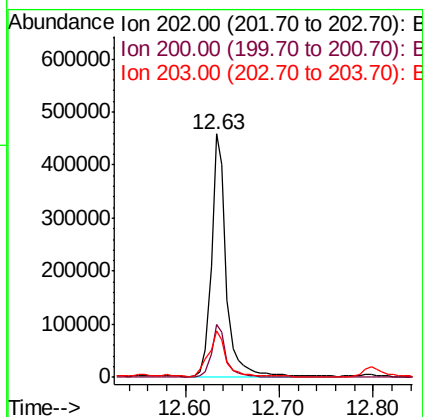
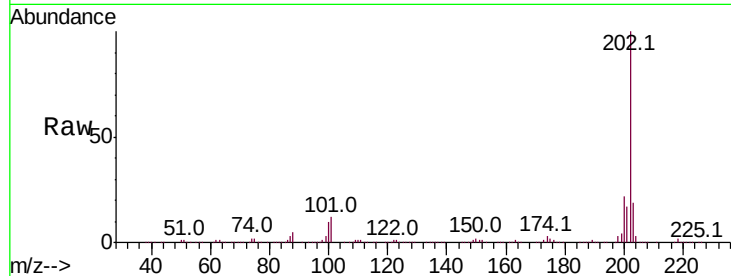
ClientSampleId :

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Tot Ion:202	Resp:	504670
Ion Ratio	Lower	Upper
202	100	
200	21.6	17.8 26.6
203	18.8	14.2 21.4

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#78

Terphenyl-d14

Concen: 24.981 ng

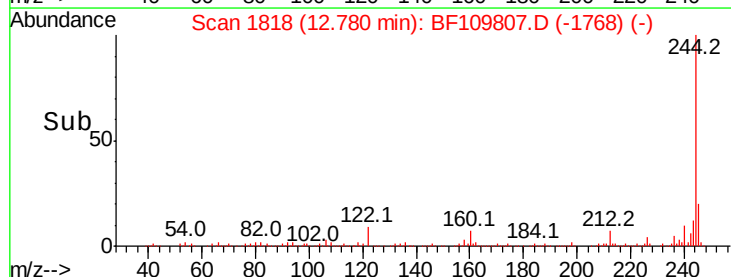
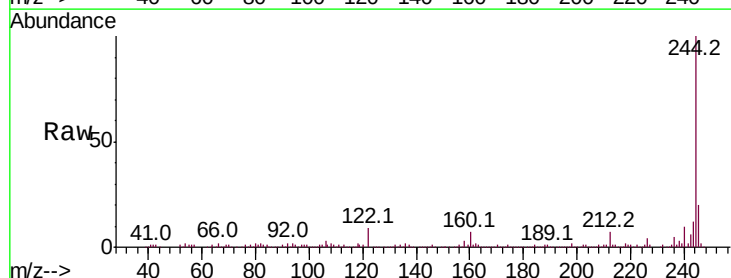
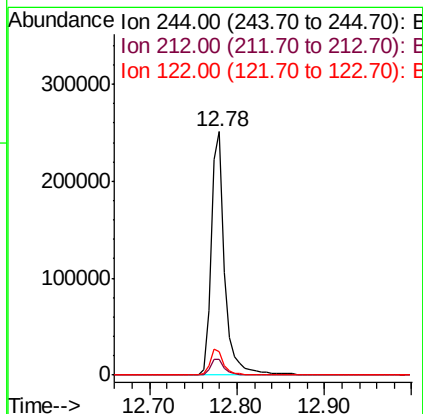
RT: 12.78 min Scan# 1818

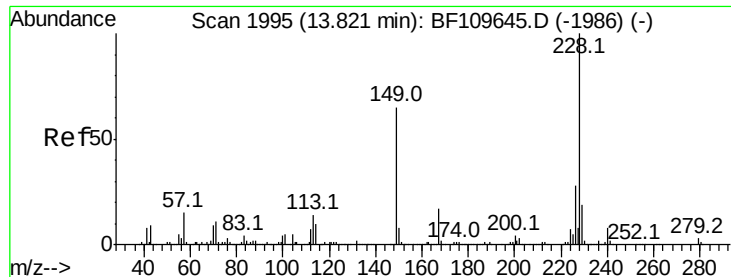
Delta R.T. -0.01 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Tgt Ion:244	Resp:	268495
Ion Ratio	Lower	Upper
244	100	
212	6.6	5.8 8.8
122	9.4	8.7 13.1





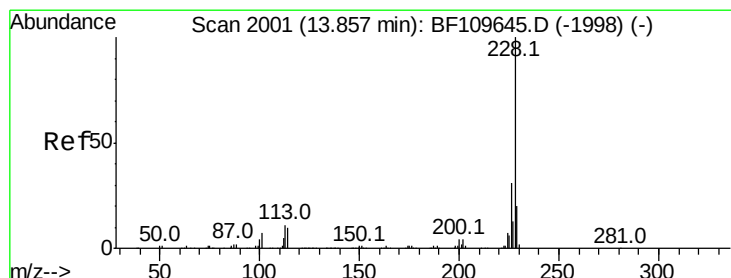
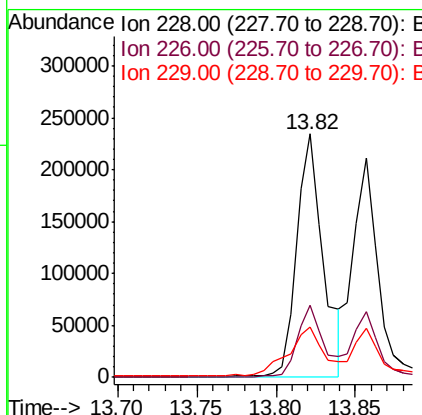
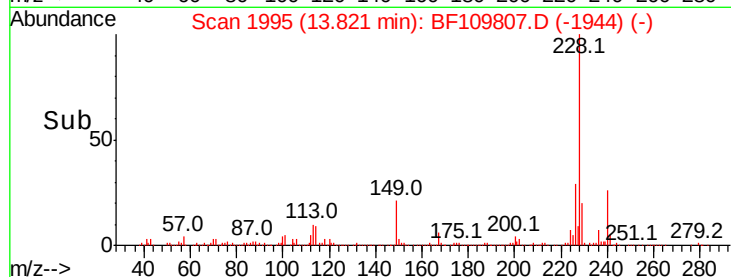
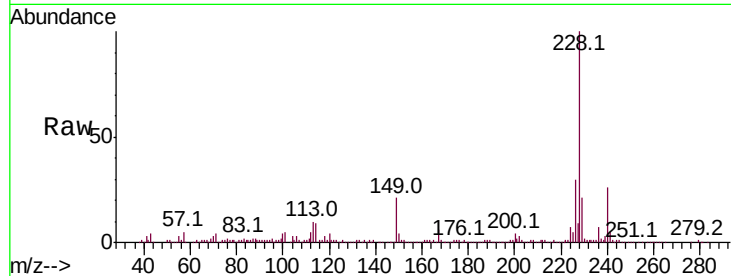
#80
Benzo(a)anthracene
Concen: 23.718 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.1	33.1
229	20.9	15.6	23.4

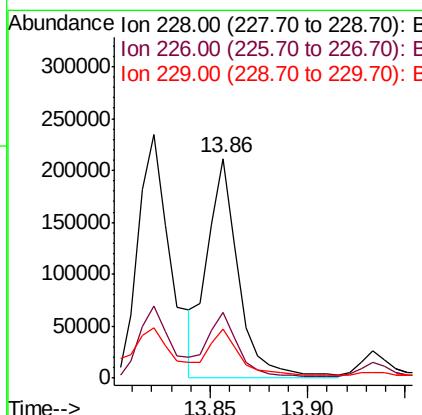
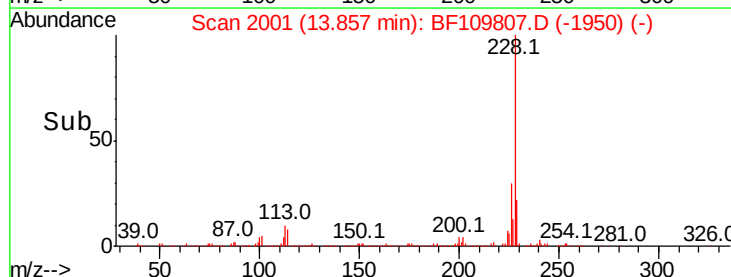
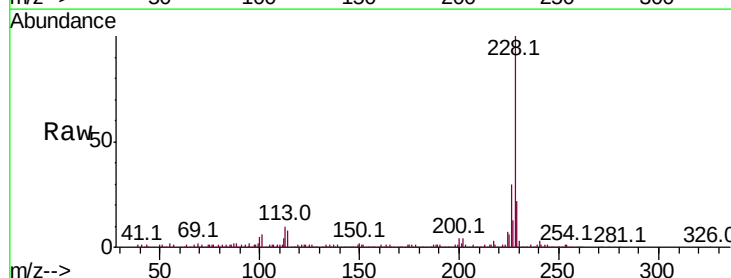
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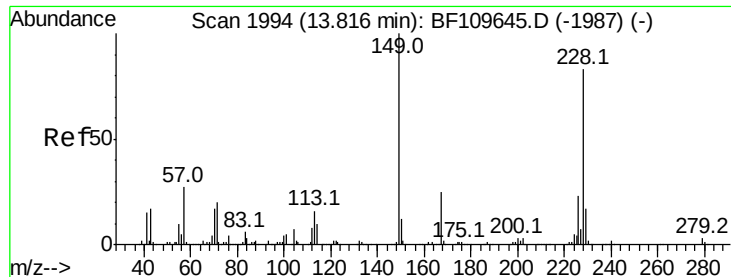
Sohil
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#82
Chrysene
Concen: 19.348 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	22.3	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.244 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109807.D

Acq: 12 Oct 2018 00:49

Instrument :

BNA_F

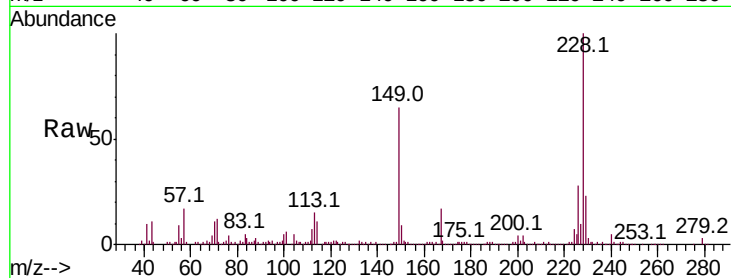
ClientSampleId :

DOCUMENTATION-24

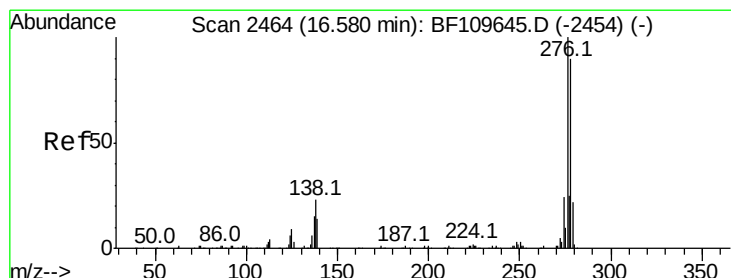
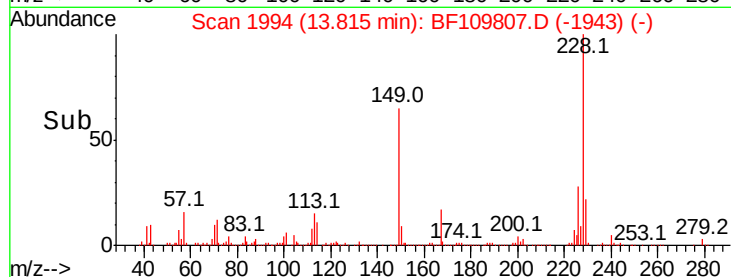
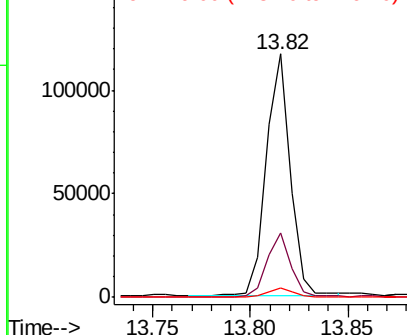
Tot Ion:	149	Resp:	98729
Ion Ratio	Lower	Upper	
149	100		
167	26.5	19.8	29.8
279	3.9	2.7	4.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 9.318 ng

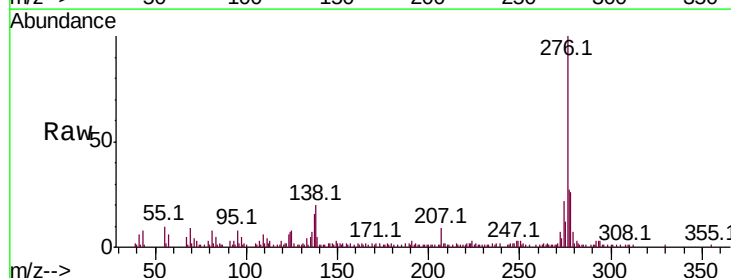
RT: 16.59 min Scan# 2465

Delta R.T. 0.01 min

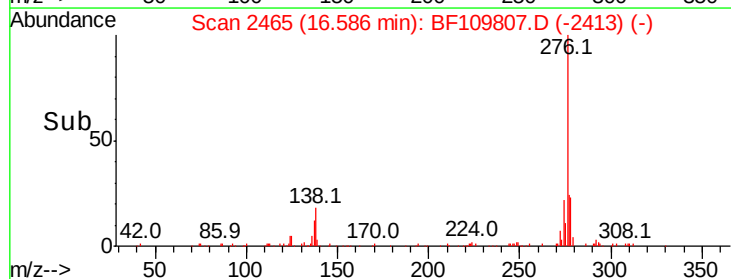
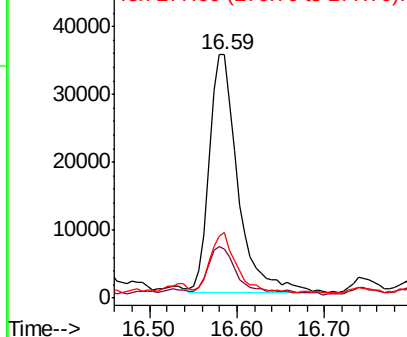
Lab File: BF109807.D

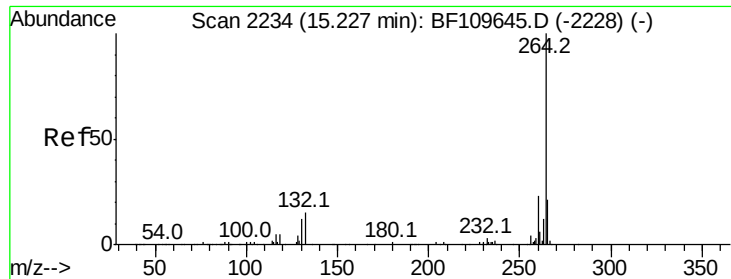
Acq: 12 Oct 2018 00:49

Tgt Ion:	276	Resp:	80435
Ion Ratio	Lower	Upper	
276	100		
138	17.4	18.5	27.7#
277	22.3	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





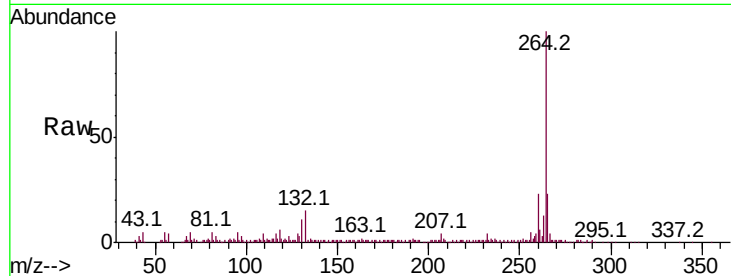
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.6	16.7	25.1

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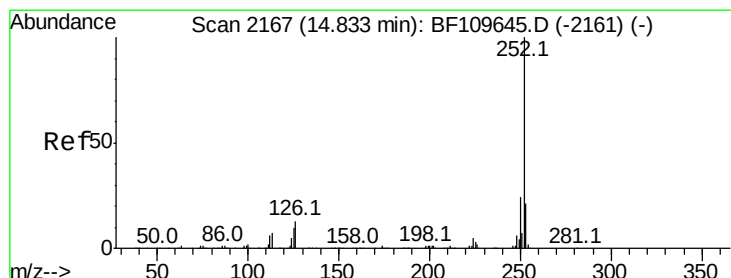
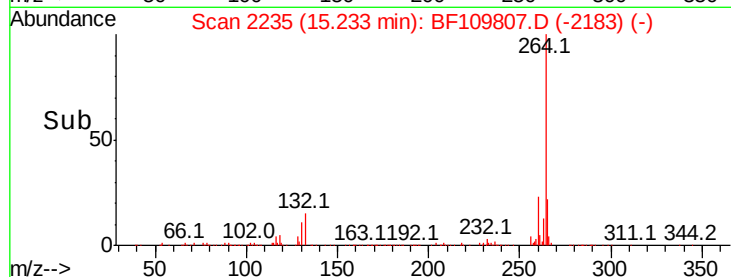
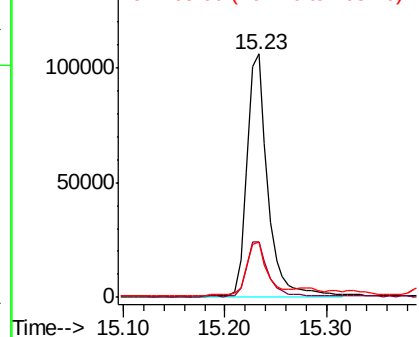


Abundance

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



#87
Benzo(b)fluoranthene
Concen: 24.787 ng m
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

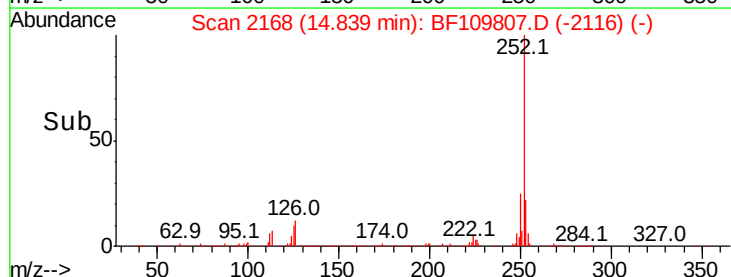
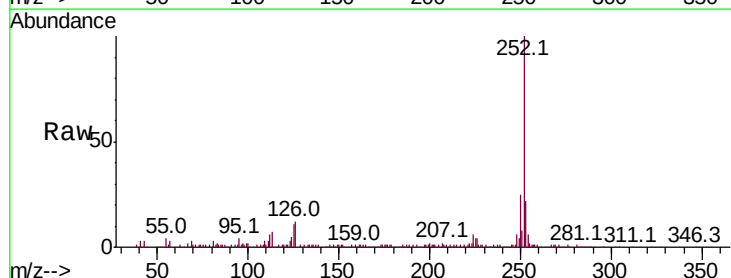
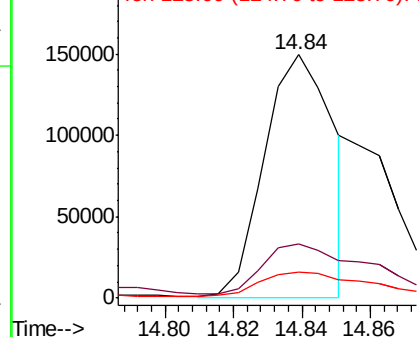
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.9	8.2	12.4

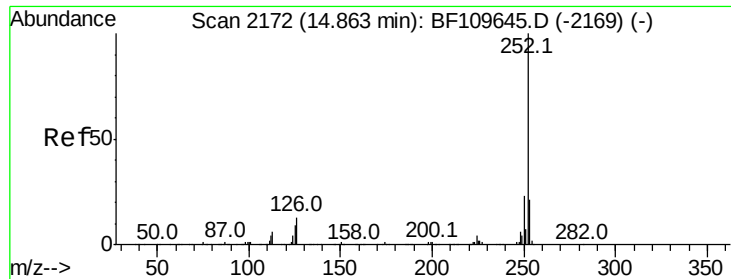
Abundance

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





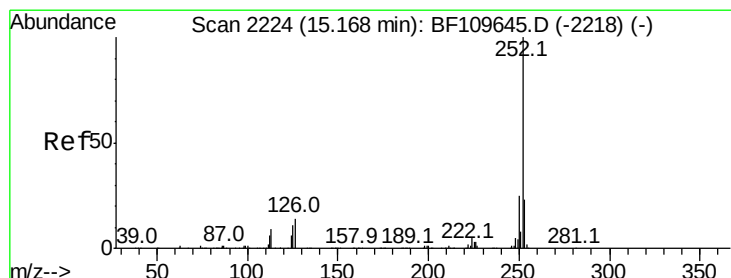
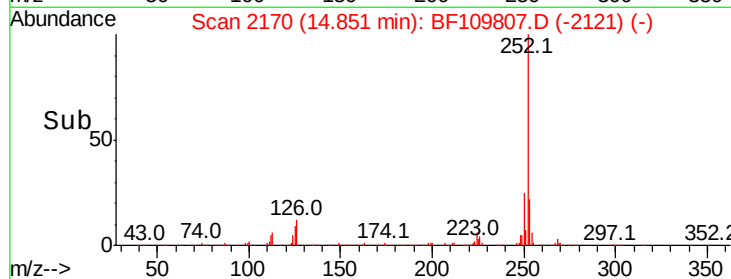
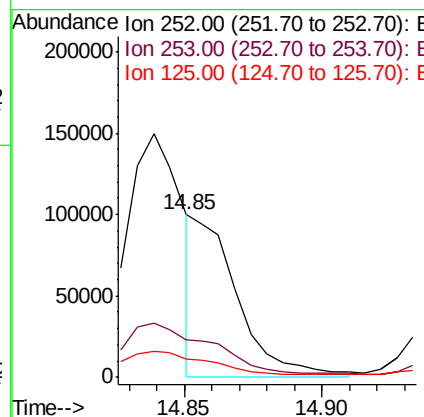
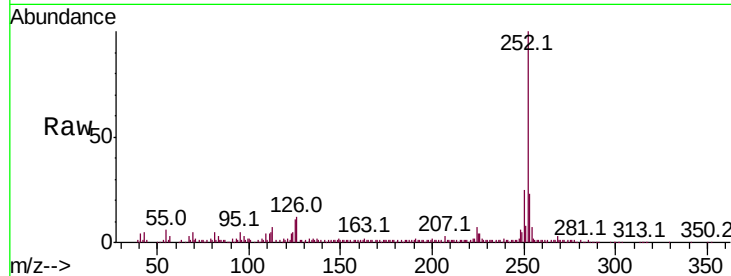
#88
Benzo(k)fluoranthene
Concen: 12.626 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	10.9	7.4	11.0

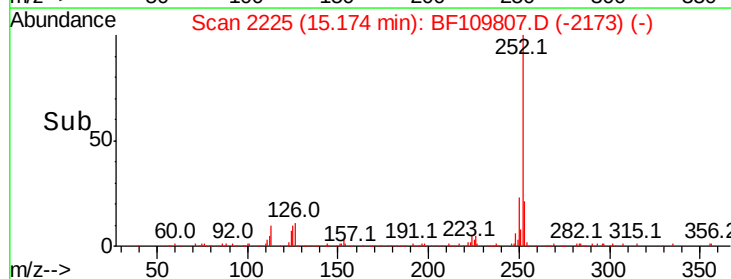
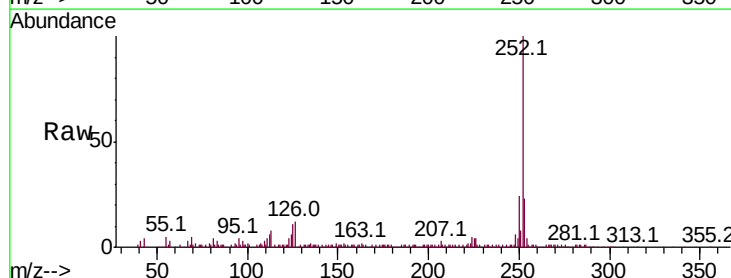
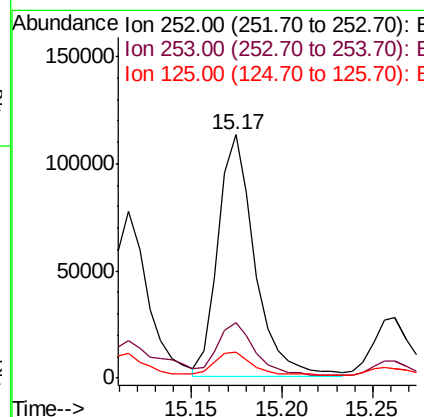
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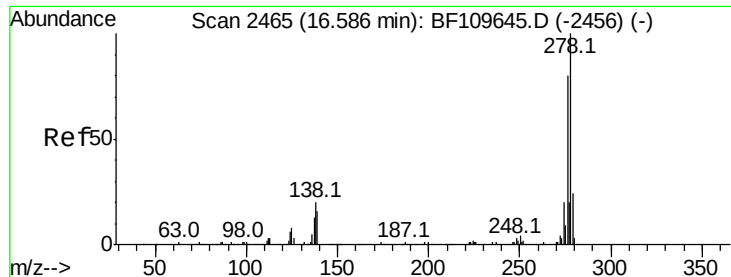
Sohil
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#89
Benzo(a)pyrene
Concen: 20.745 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	10.6	9.0	13.6





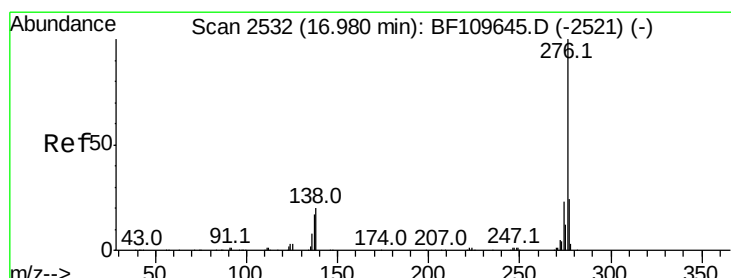
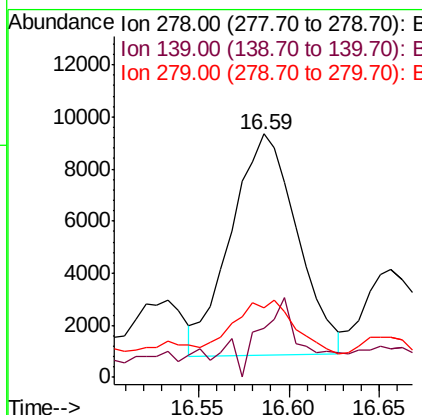
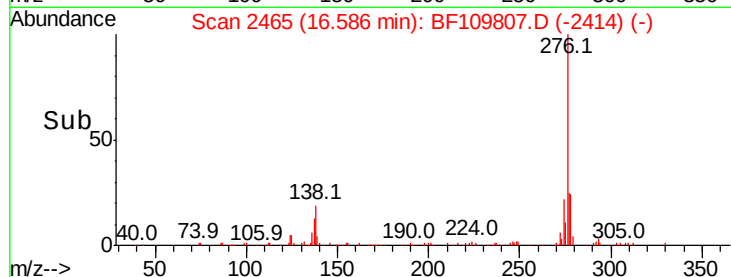
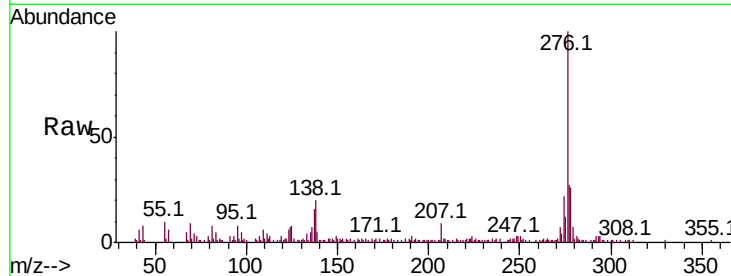
#90
Dibenzo(a,h)anthracene
Concen: 3.419 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-24

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.2	12.7	19.1#
279	28.7	19.0	28.4#

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#91
Benzo(g,h,i)perylene
Concen: 12.383 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF109807.D
Acq: 12 Oct 2018 00:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.8	28.2
138	22.8	16.0	24.0

