

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079499.D
 Acq On : 27 May 2015 3:21
 Operator : TP/IZ
 Sample : G2319-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GAS-LINE-WASTE-COMP

Manual Integrations
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Quant Time: May 27 06:46:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	65686	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	277333	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	136974	20.00	ng	0.00
63) Phenanthrene-d10	12.60	188	259140	20.00	ng	0.01
75) Chrysene-d12	15.87	240	280791	20.00	ng	0.00
86) Perylene-d12	17.58	264	293763	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	234112m	61.82	ng	0.00
7) Phenol-d6	6.62	99	319829m	66.26	ng	0.00
23) Nitrobenzene-d5	7.71	82	174829	36.44	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	95914	63.75	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	357439	37.23	ng	0.00
78) Terphenyl-d14	14.59	244	414050	34.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.46	163	35288	3.50	ng	Qvalue # 98
70) Phenanthrene	12.63	178	122139	8.59	ng	100
71) Anthracene	12.70	178	39222	2.72	ng	97
74) Fluoranthene	14.10	202	228254	14.97	ng	97
77) Pyrene	14.38	202	199269	11.45	ng	98
80) Benzo(a)anthracene	15.86	228	110060	6.81	ng	# 90
82) Chrysene	15.91	228	94196m	6.14	ng	
85) Indeno(1,2,3-cd)pyrene	18.90	276	55394	2.80	ng	98
87) Benzo(b)fluoranthene	17.14	252	122231m	7.30	ng	
88) Benzo(k)fluoranthene	17.18	252	37463m	2.50	ng	
89) Benzo(a)pyrene	17.52	252	87271	4.20	ng	94

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

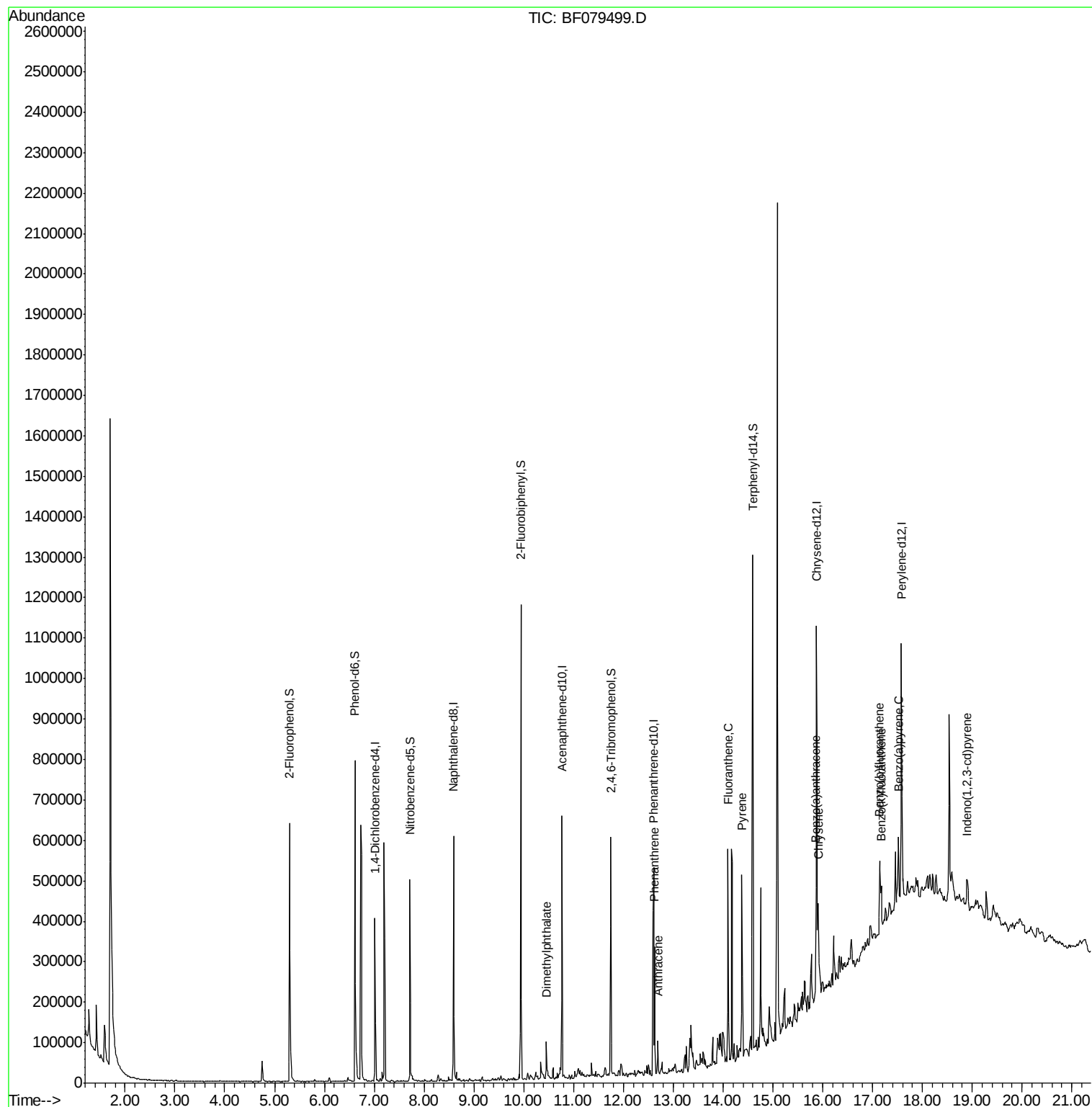
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079499.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

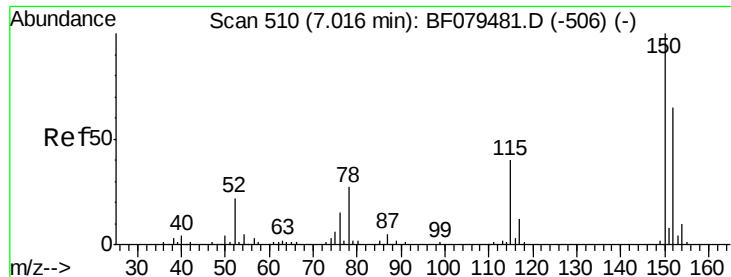
Instrument :
BNA_F
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GAS-LINE-WASTE-COMP

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Quant Time: May 27 06:46:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

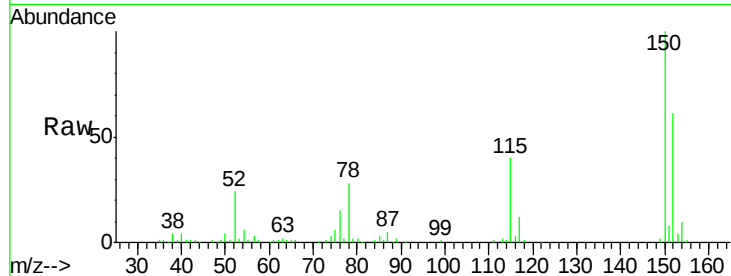
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Instrument :
BNA_F
ClientSampleId :
GAS-LINE-WASTE-COMP

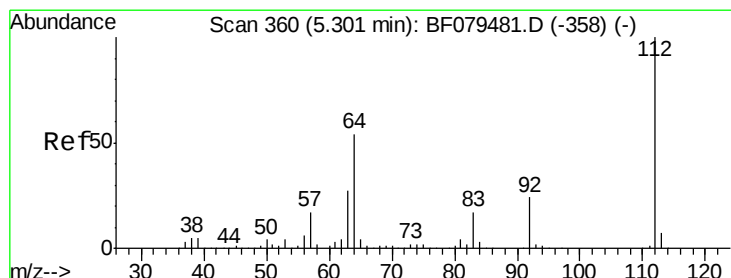
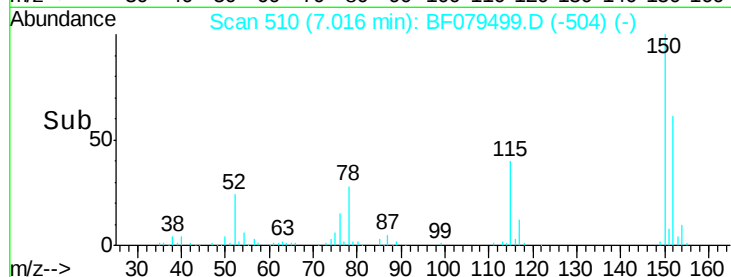
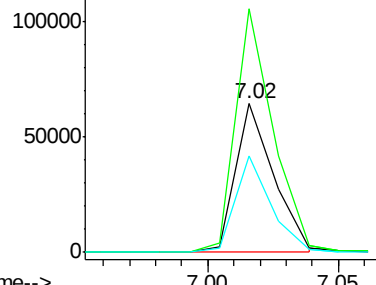
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	124.0	186.0
115	65.3	49.6	74.4

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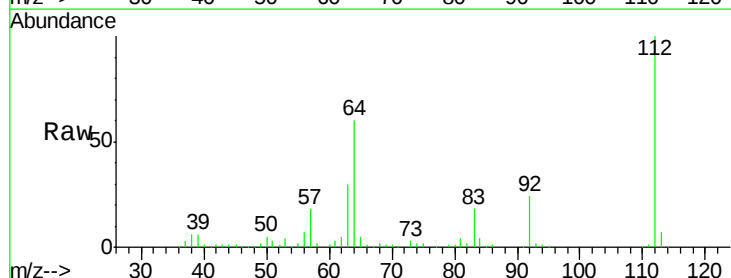
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



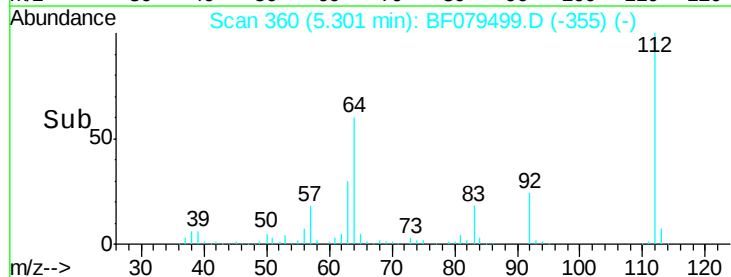
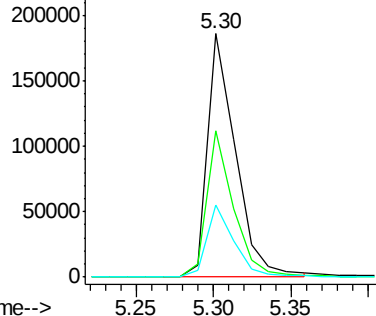
#5

2-Fluorophenol
Concen: 61.82 ng m
RT: 5.30 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	43.5	65.3
63	29.6	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 66.26 ng/mL

RT: 6.62 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF079499.D

Acq: 27 May 2015 3:21

Instrument :

BNA_F

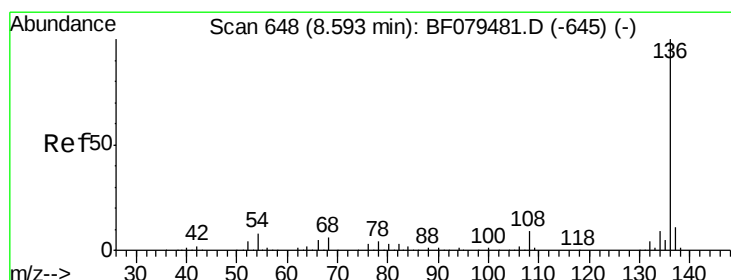
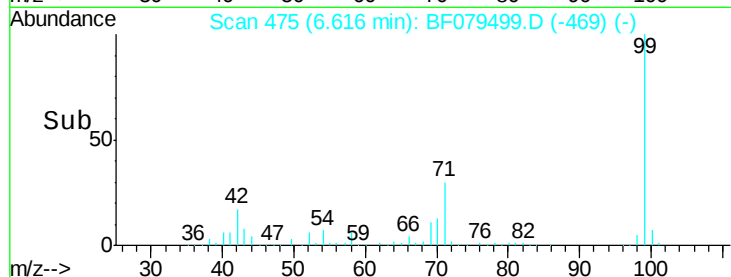
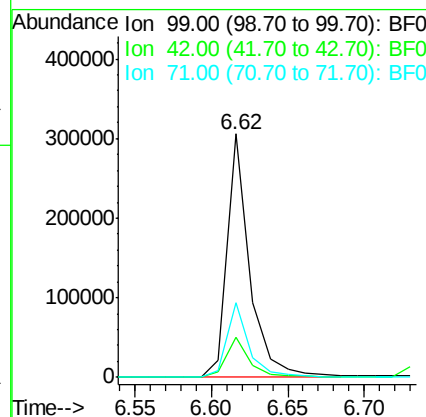
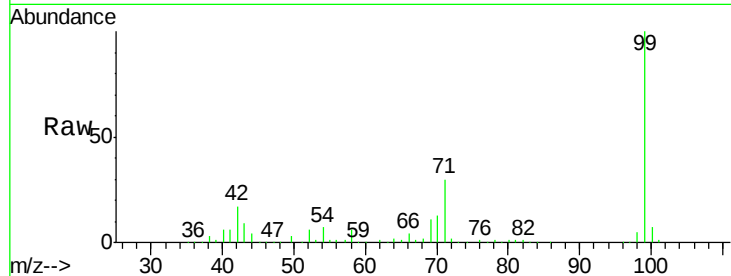
ClientSampleId :

GAS-LINE-WASTE-COMP

Tot Ion:	99	Resp:	319829
Ion Ratio	Lower	Upper	
99	100		
42	16.7	11.9	17.9
71	30.5	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

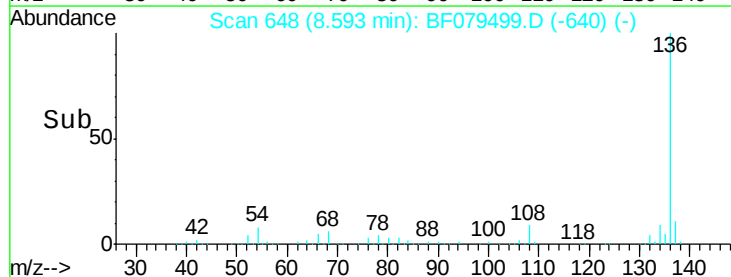
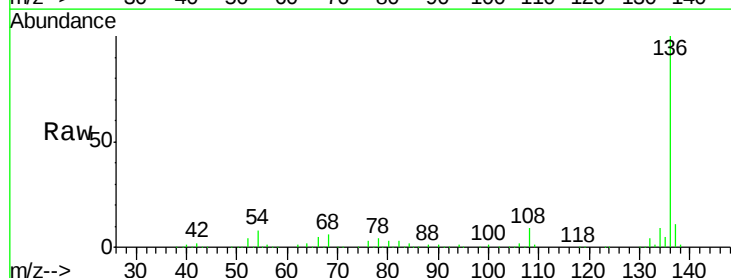
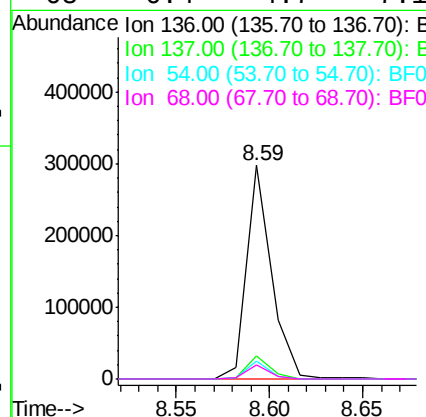
RT: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079499.D

Acq: 27 May 2015 3:21

Tgt Ion:	136	Resp:	277333
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	8.4	6.6	9.8
68	6.4	4.7	7.1





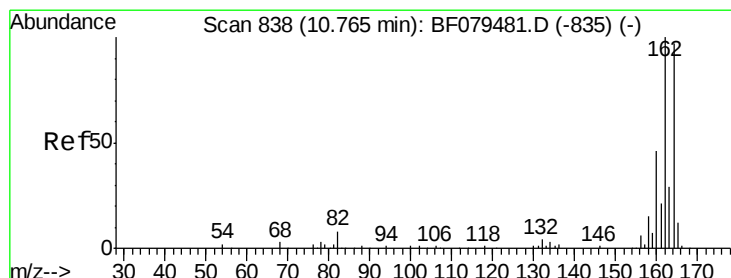
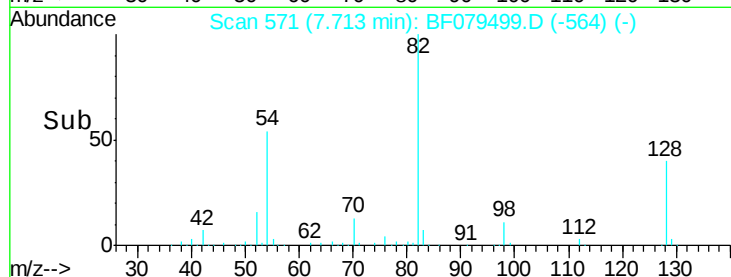
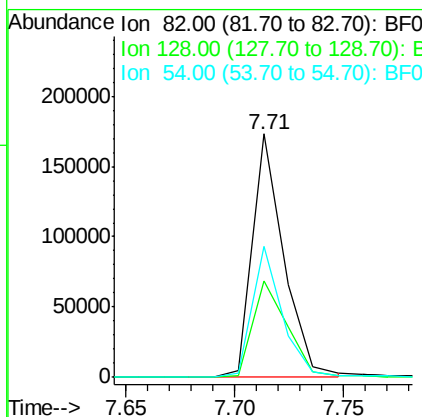
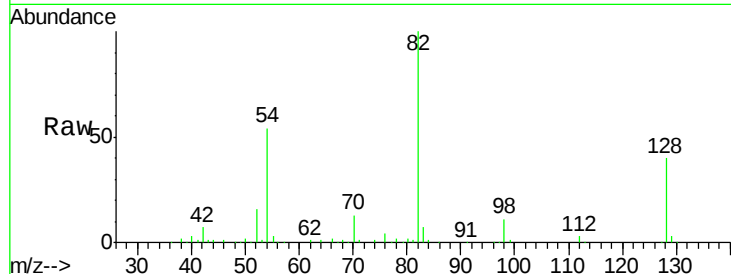
#23
 Nitrobenzene-d5
 Concen: 36.44 ng
 RT: 7.71 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF079499.D
 Acq: 27 May 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 GAS-LINE-WASTE-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	174829		
128	39.5		30.8	46.2
54	53.7		42.8	64.2

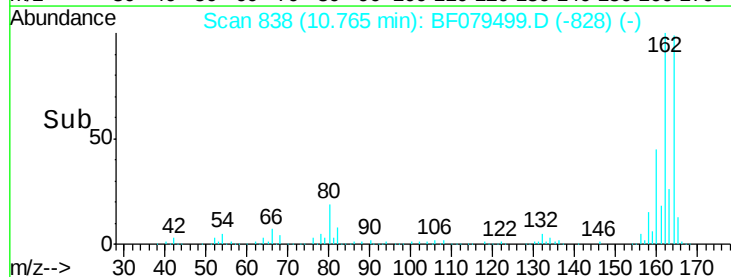
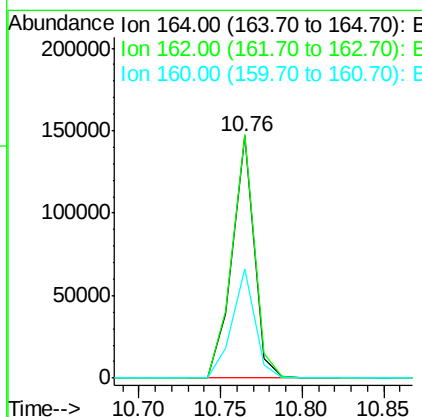
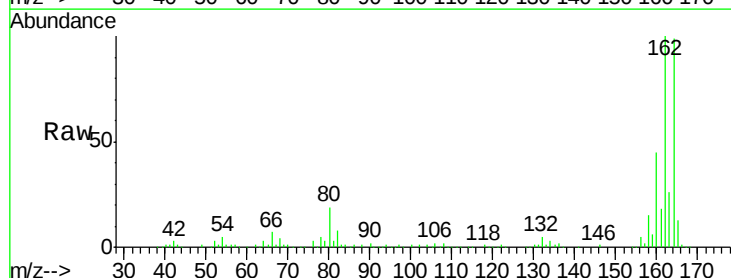
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF079499.D
 Acq: 27 May 2015 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136974		
162	100.5		82.6	124.0
160	44.9		37.7	56.5





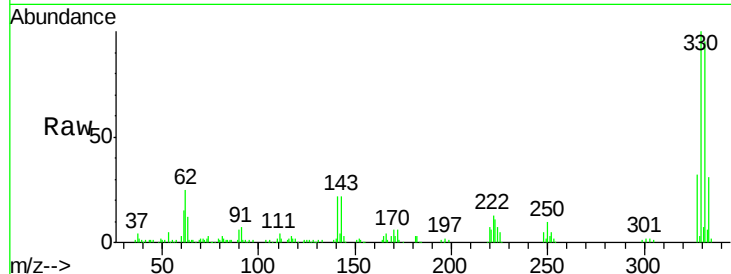
#41
 2,4,6-Tribromophenol
 Concen: 63.75 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF079499.D
 Acq: 27 May 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 GAS-LINE-WASTE-COMP

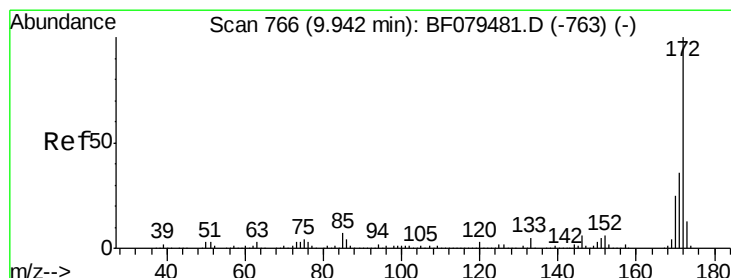
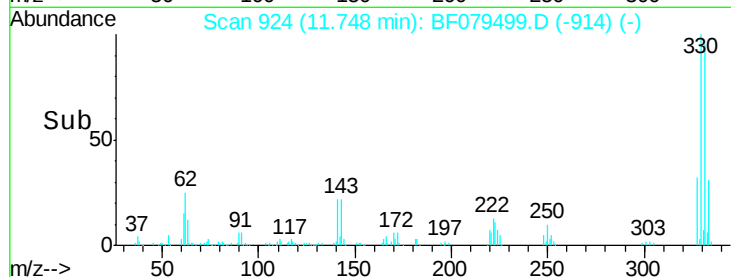
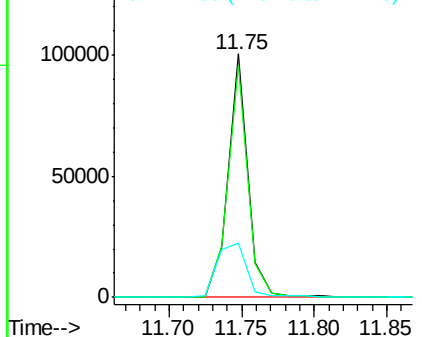
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.3	0.0	0.0#

Manual Integrations
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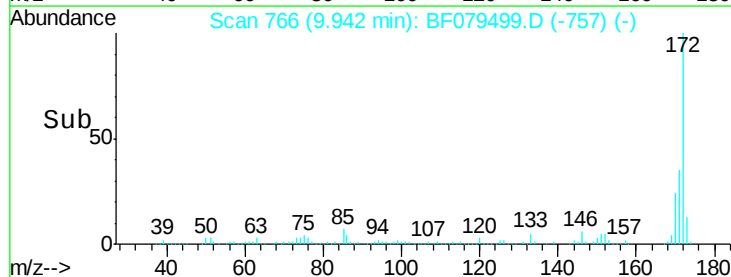
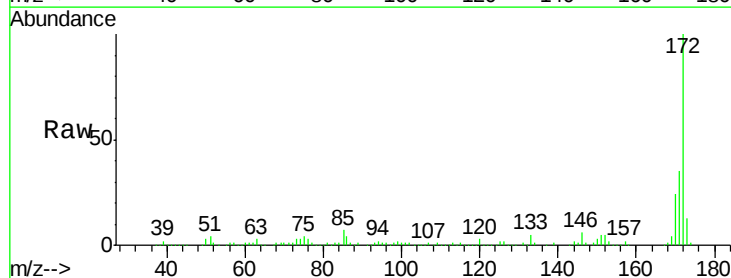
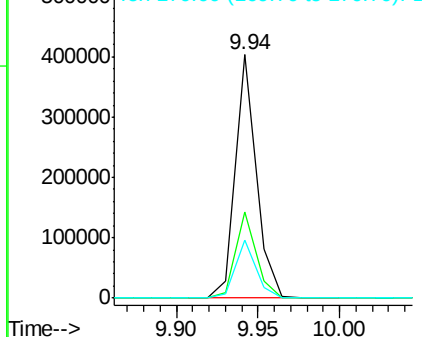
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

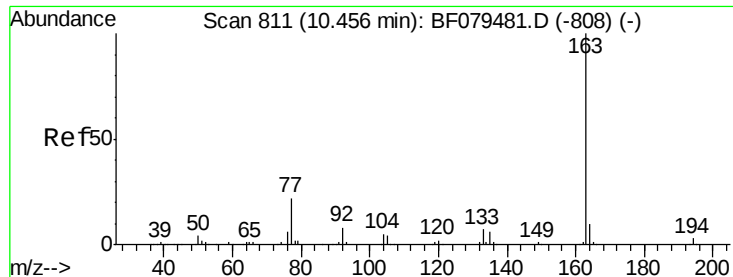


#44
 2-Fluorobiphenyl
 Concen: 37.23 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079499.D
 Acq: 27 May 2015 3:21

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.9	19.7	29.5

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





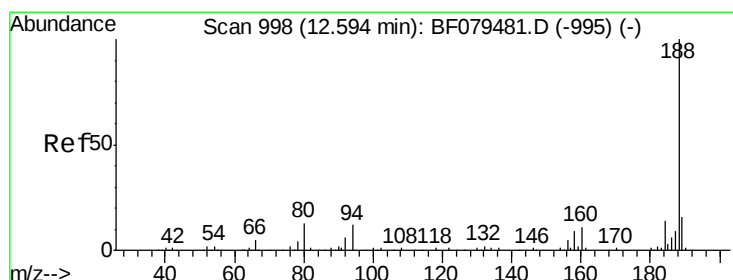
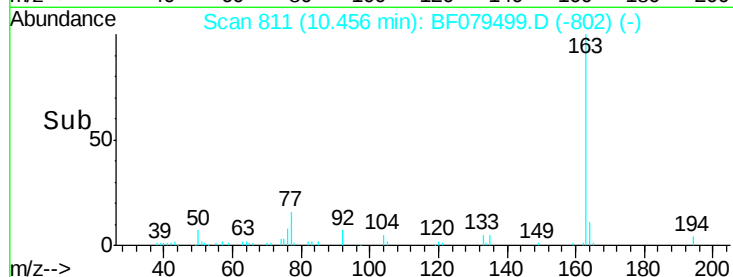
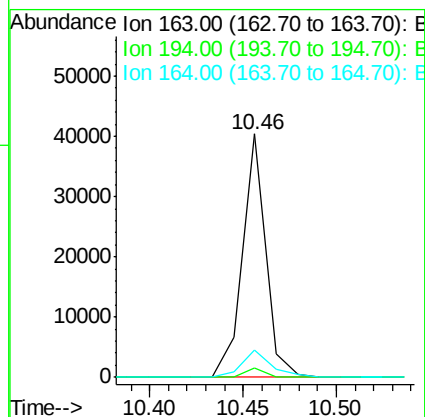
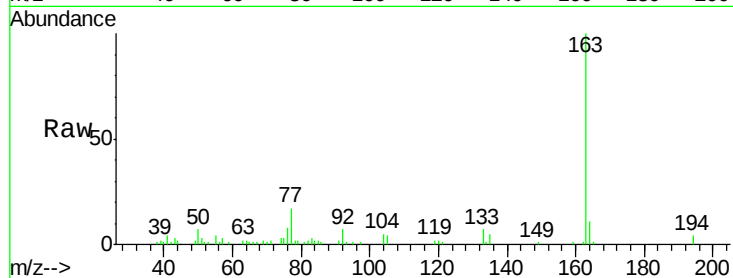
#49
Dimethylphthalate
Concen: 3.50 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Instrument :
BNA_F
ClientSampleId :
GAS-LINE-WASTE-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.4	3.6#
164	11.2	8.2	12.4

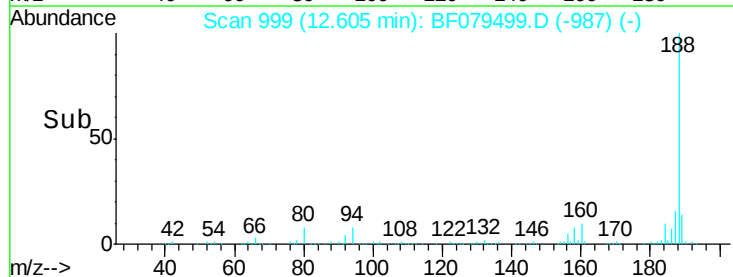
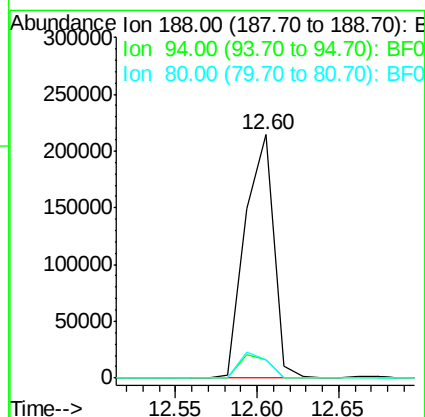
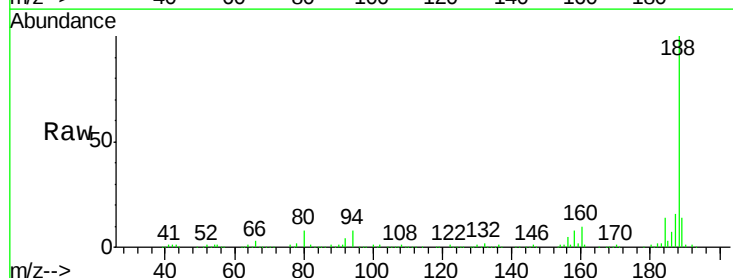
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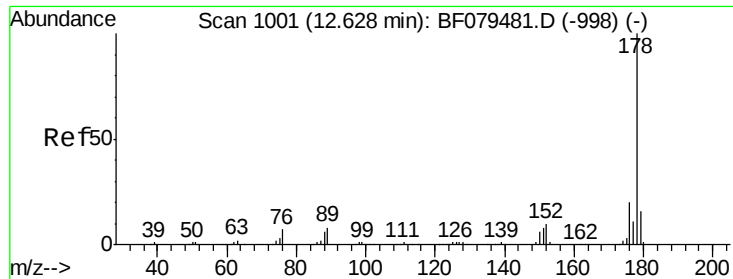
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.8	14.6#
80	7.5	10.5	15.7#





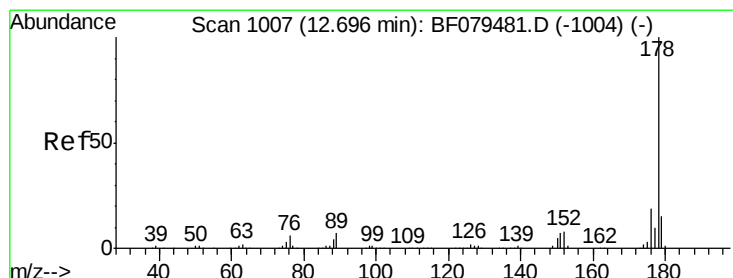
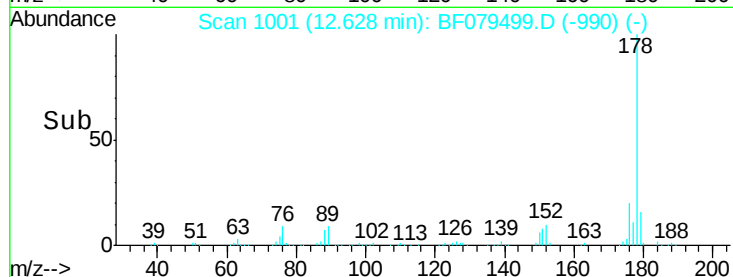
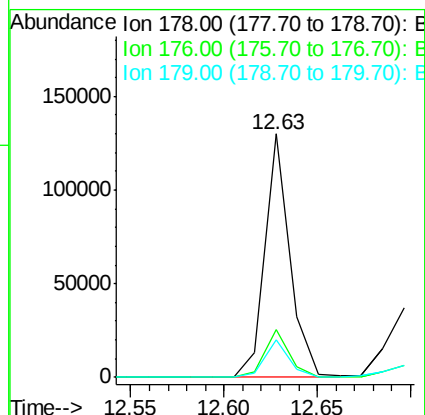
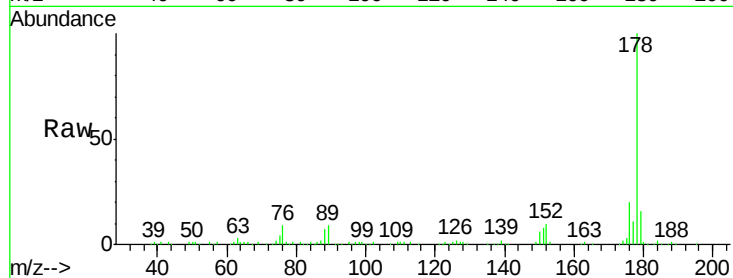
#70
Phenanthrene
Concen: 8.59 ng
RT: 12.63 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Instrument :
BNA_F
ClientSampleId :
GAS-LINE-WASTE-COMP

Tot Ion	Ratio	Resp	Lower	Upper
178	100	122139		
176	19.7	15.7	23.5	
179	15.5	12.4	18.6	

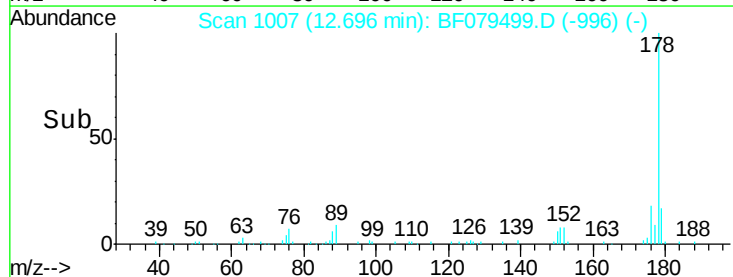
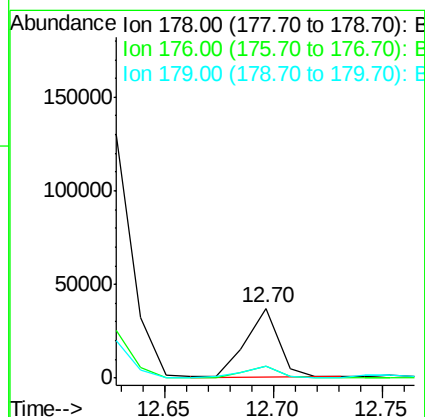
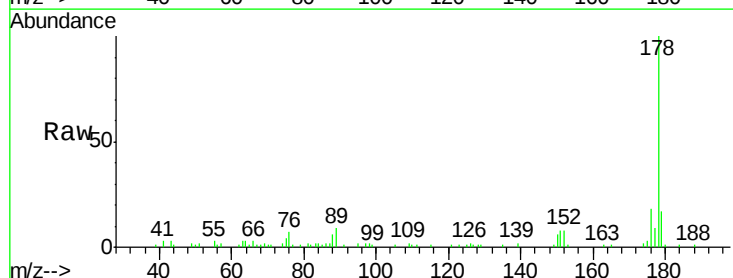
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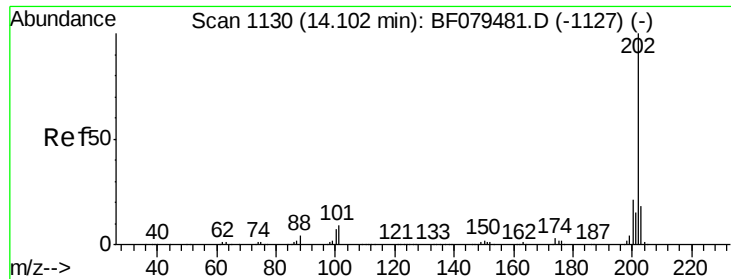
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#71
Anthracene
Concen: 2.72 ng
RT: 12.70 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	39222		
176	17.9	15.3	22.9	
179	16.7	12.2	18.4	





#74

Fluoranthene

Concen: 14.97 ng

RT: 14.10 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF079499.D

Acq: 27 May 2015 3:21

Instrument :

BNA_F

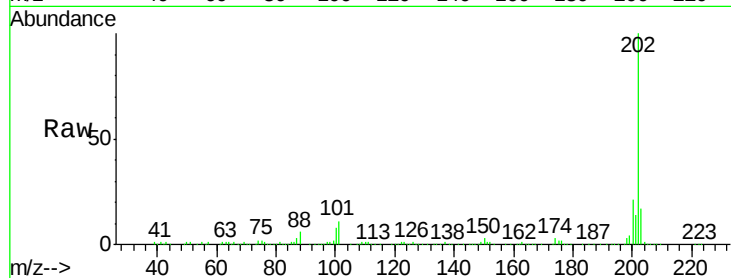
ClientSampleId :

GAS-LINE-WASTE-COMP

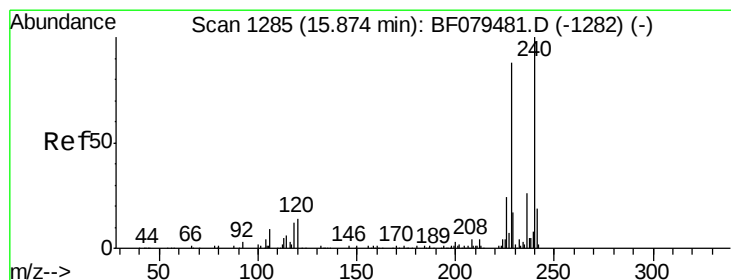
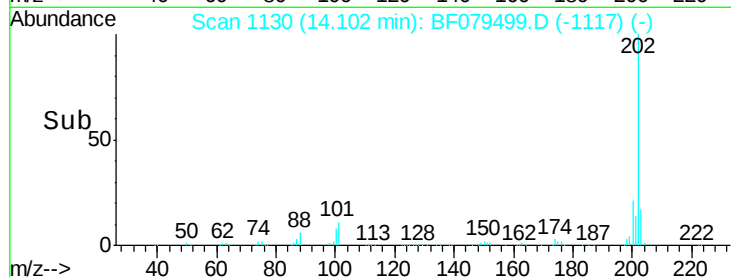
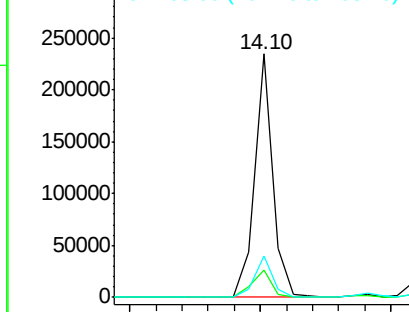
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		228254		
101	11.5	0.0	29.3		
203	17.1	0.0	37.6		

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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: 20.00 ng

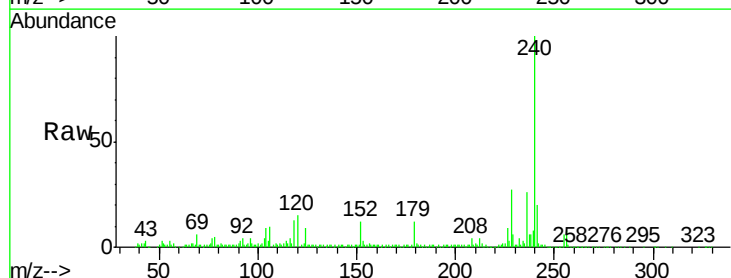
RT: 15.87 min Scan# 1285

Delta R.T. 0.00 min

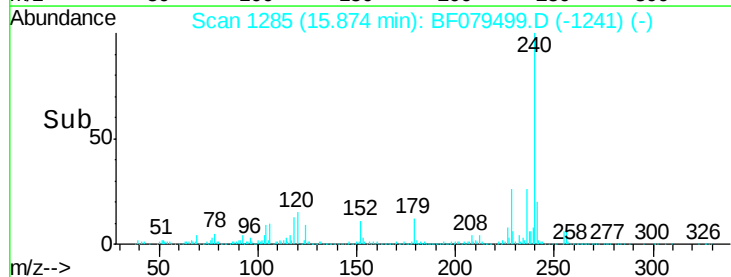
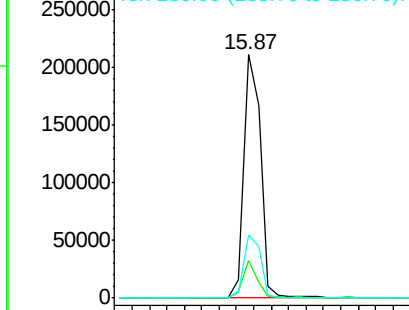
Lab File: BF079499.D

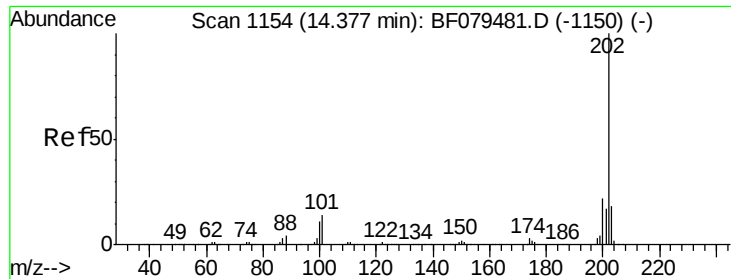
Acq: 27 May 2015 3:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		280791		
120	15.5	10.8	16.2		
236	25.8	21.0	31.6		



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





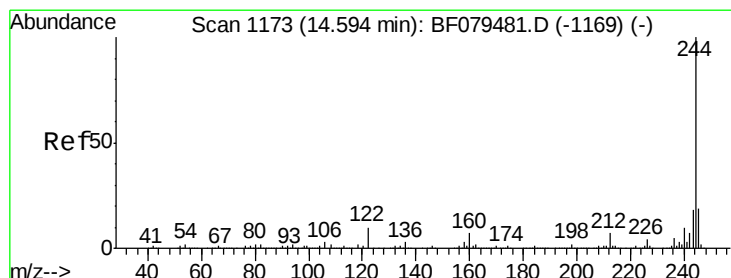
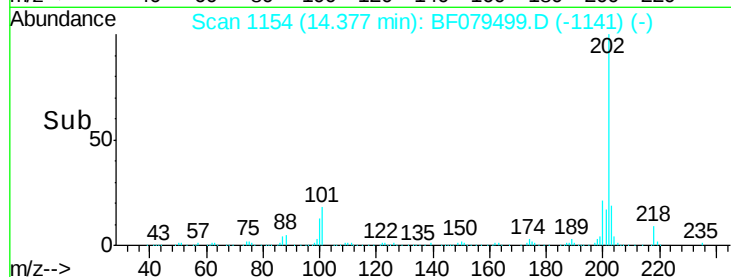
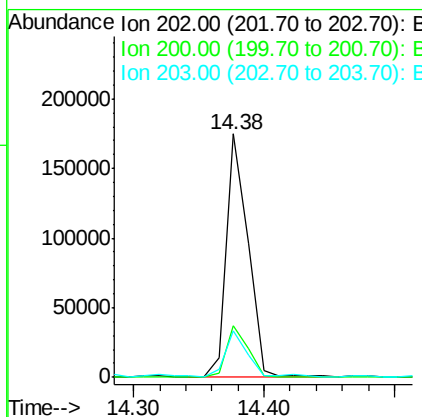
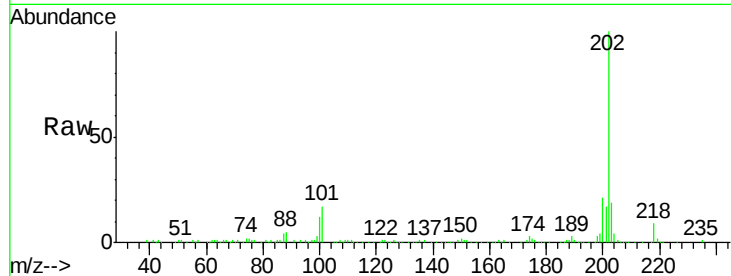
#77
Pvrene
Concen: 11.45 ng
RT: 14.38 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Instrument :
BNA_F
ClientSampleId :
GAS-LINE-WASTE-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.5	26.3
203	19.3	14.4	21.6

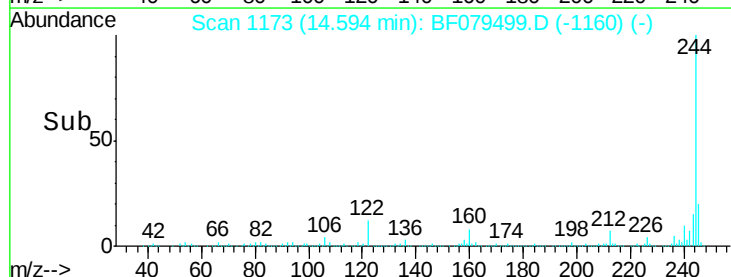
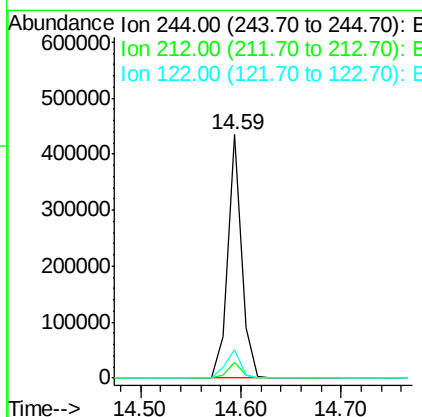
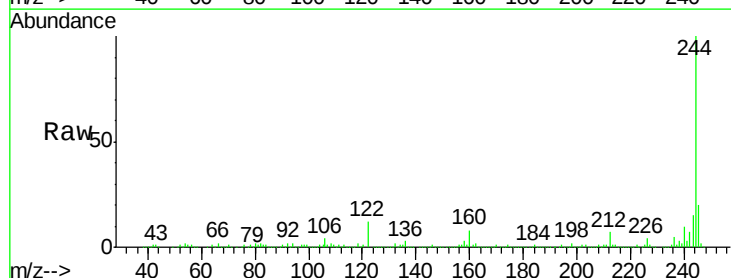
Manual Integrations
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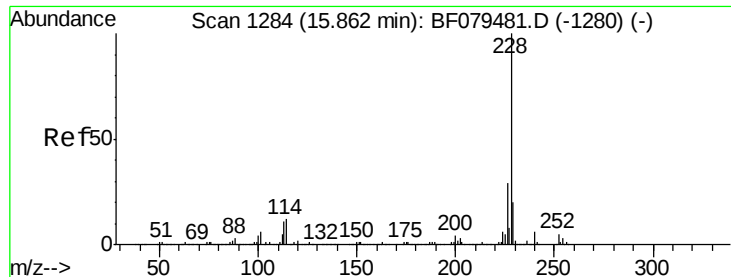
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#78
Terphenyl-d14
Concen: 34.61 ng
RT: 14.59 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.2	7.8
122	12.0	8.0	12.0





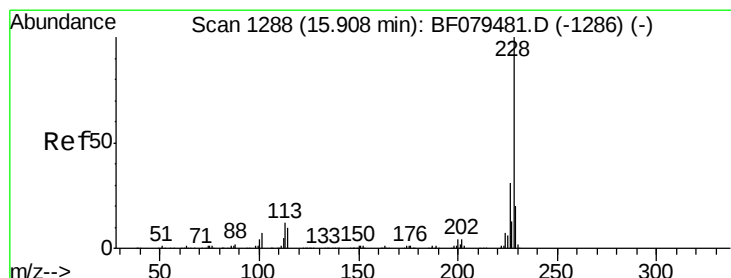
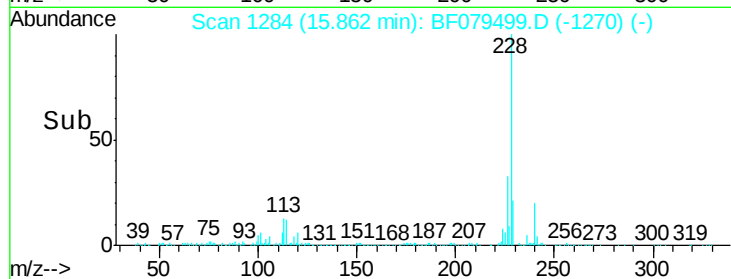
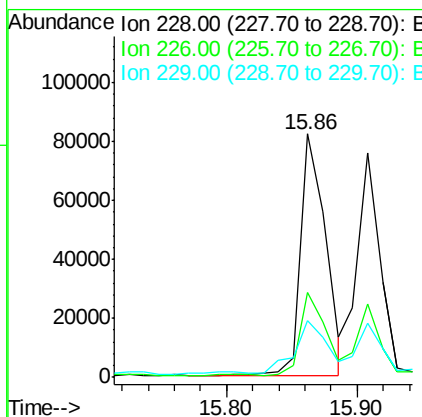
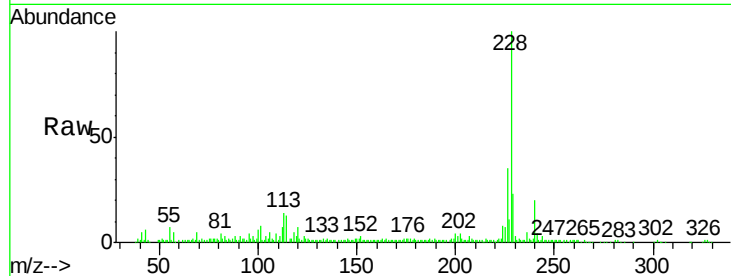
#80
Benzo(a)anthracene
Concen: 6.81 ng
RT: 15.86 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Instrument :
BNA_F
ClientSampleId :
GAS-LINE-WASTE-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.8	34.2#
229	23.1	15.9	23.9

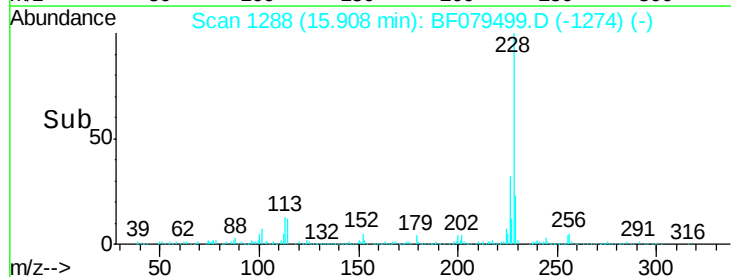
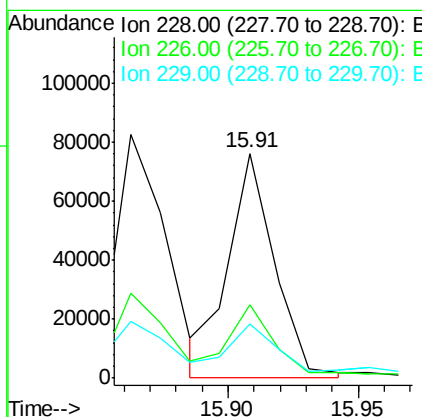
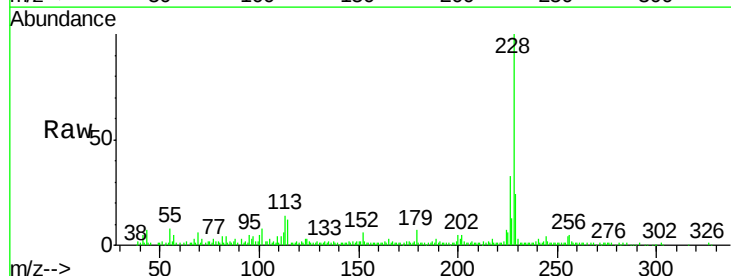
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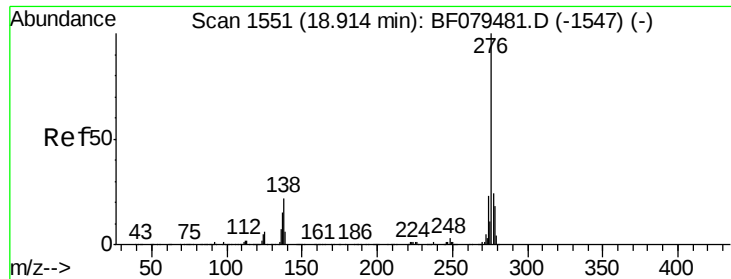
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#82
Chrysene
Concen: 6.14 ng m
RT: 15.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF079499.D
Acq: 27 May 2015 3:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.4
229	24.3	15.9	23.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.80 ng

RT: 18.90 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF079499.D

Acq: 27 May 2015 3:21

Instrument :

BNA_F

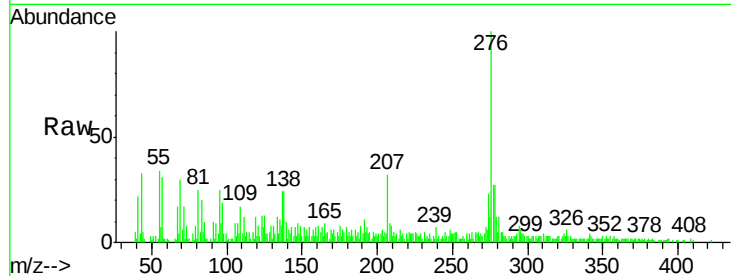
ClientSampleId :

GAS-LINE-WASTE-COMP

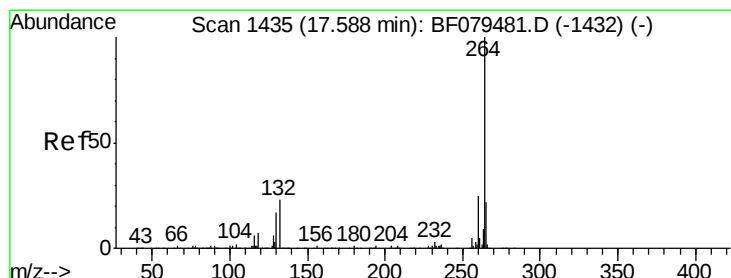
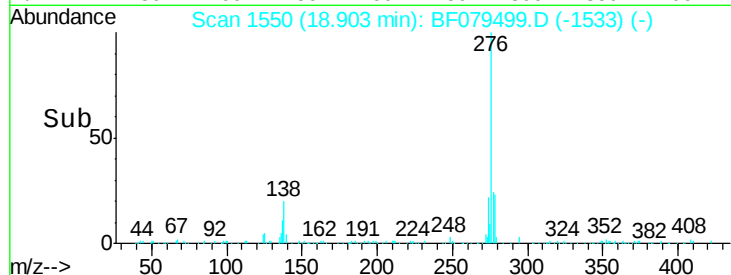
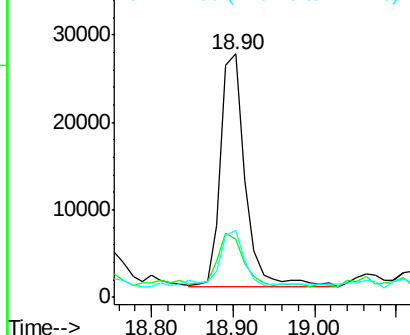
Tot Ion:	276	Resp:	55394
Ion Ratio	Lower	Upper	
276	100		
138	26.4	21.4	32.2
277	26.9	19.8	29.6

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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

Perylene-d12

Concen: 20.00 ng

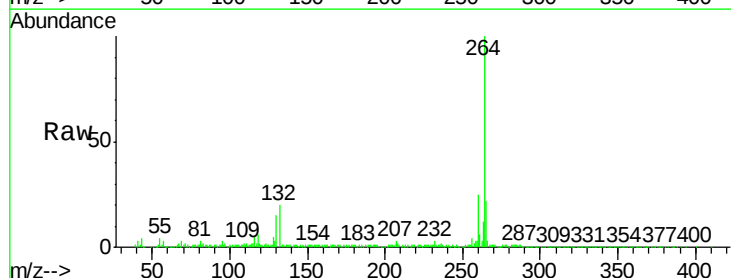
RT: 17.58 min Scan# 1434

Delta R.T. -0.01 min

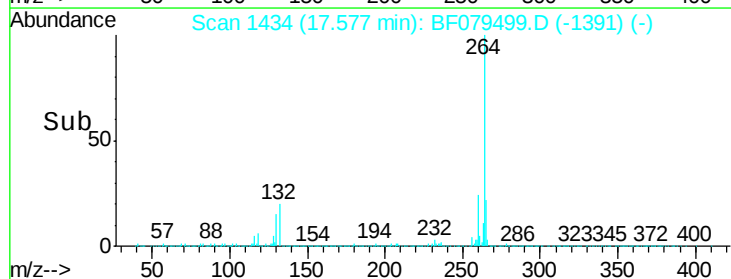
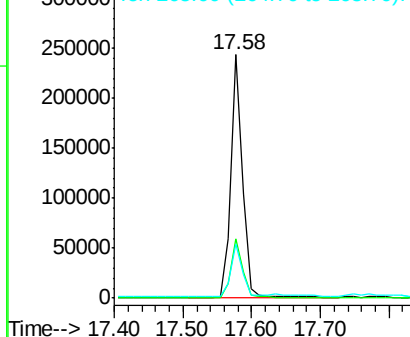
Lab File: BF079499.D

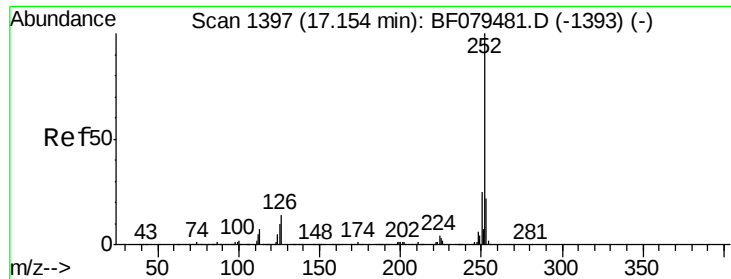
Acq: 27 May 2015 3:21

Tgt Ion:	264	Resp:	293763
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.8	29.8
265	22.3	17.8	26.6



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: 7.30 ng m

RT: 17.14 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF079499.D

Acq: 27 May 2015 3:21

Instrument :

BNA_F

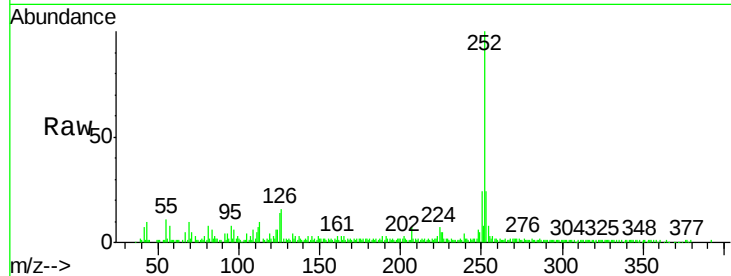
ClientSampleId :

GAS-LINE-WASTE-COMP

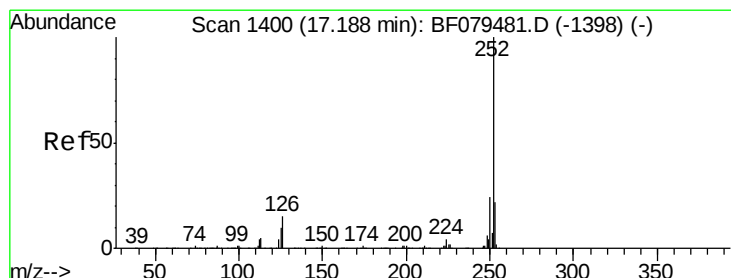
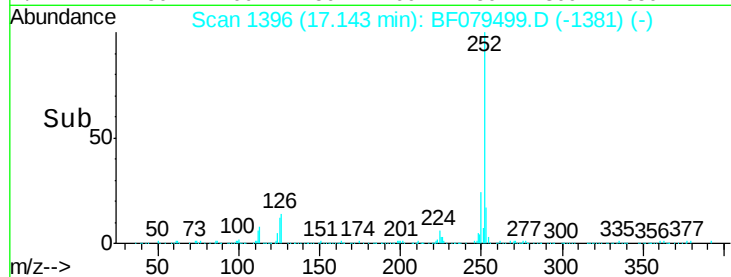
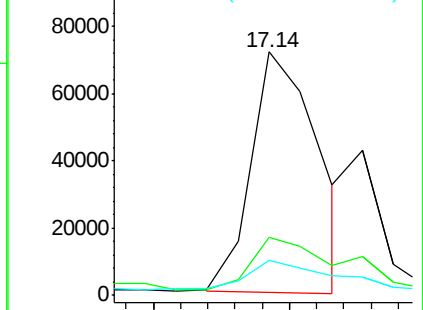
Tot Ion:	252	Resp:	122231
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.6	26.4
125	14.3	7.8	11.6#

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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



#88

Benzo(k)fluoranthene

Concen: 2.50 ng m

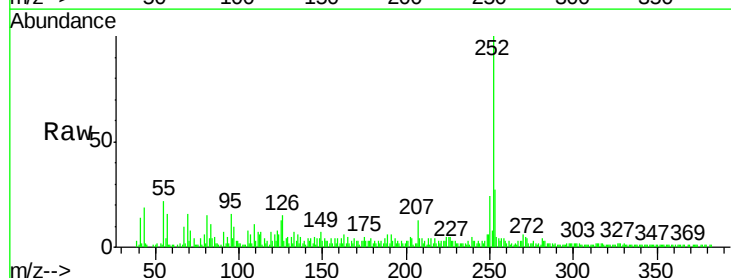
RT: 17.18 min Scan# 1399

Delta R.T. -0.01 min

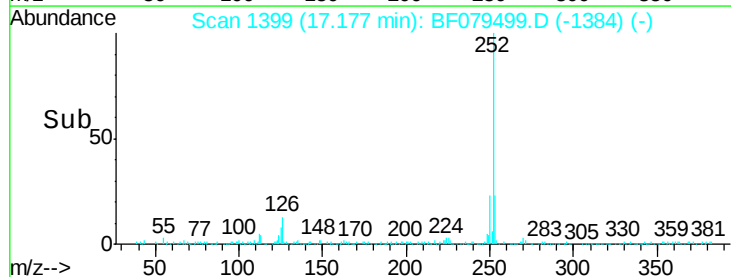
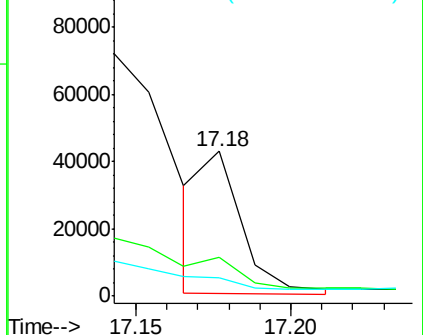
Lab File: BF079499.D

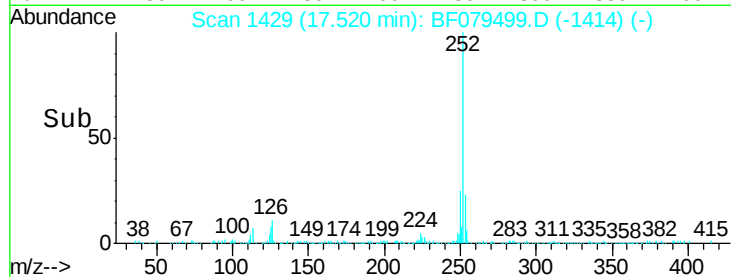
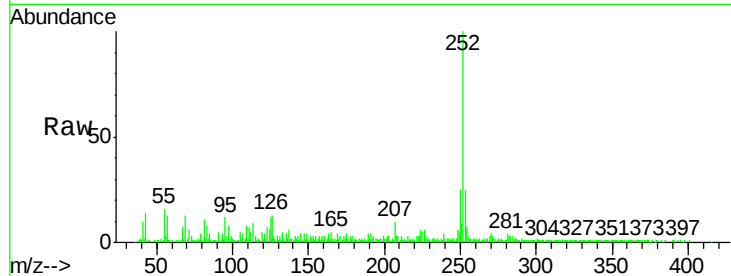
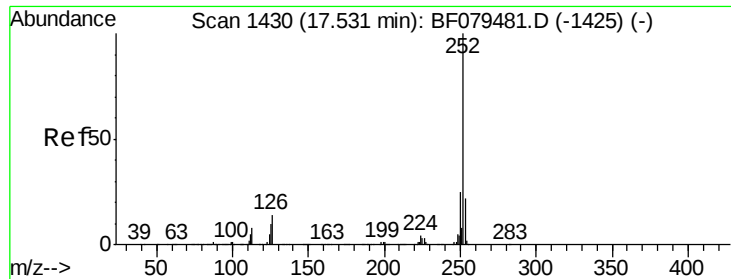
Acq: 27 May 2015 3:21

Tgt Ion:	252	Resp:	37463
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.2	25.8#
125	12.7	6.8	10.2#



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(a)pyrene

Concen: 4.20 ng

RT: 17.52 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF079499.D

Acq: 27 May 2015 3:21

Instrument :

BNA_F

ClientSampleId :

GAS-LINE-WASTE-COMP

Tot Ion:	252	Resp:	87271
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.8	26.8
125	11.8	7.9	11.9

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