

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081752.D
 Acq On : 22 Sep 2015 22:29
 Operator : UM/IZ
 Sample : G3747-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-1

Manual Integrations
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Quant Time: Sep 23 01:22:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 23 01:06:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36119	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	143350	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	64666	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	114518	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	75874	20.00	ng	0.00
86) Perylene-d12	24.77	264	67470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	220048	94.52	ng	0.01
7) Phenol-d6	7.58	99	322220	104.57	ng	0.00
23) Nitrobenzene-d5	9.43	82	209046	70.36	ng	-0.02
41) 2,4,6-Tribromophenol	17.07	330	57831	100.44	ng	-0.01
44) 2-Fluorobiphenyl	13.67	172	318425	63.10	ng	-0.02
78) Terphenyl-d14	22.05	244	222364	68.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.73	163	82488	16.42	ng	# 98
80) Benzo(a)anthracene	23.32	228	11164	2.31	ng	# 82
82) Chrysene	23.36	228	14091m	3.25	ng	

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

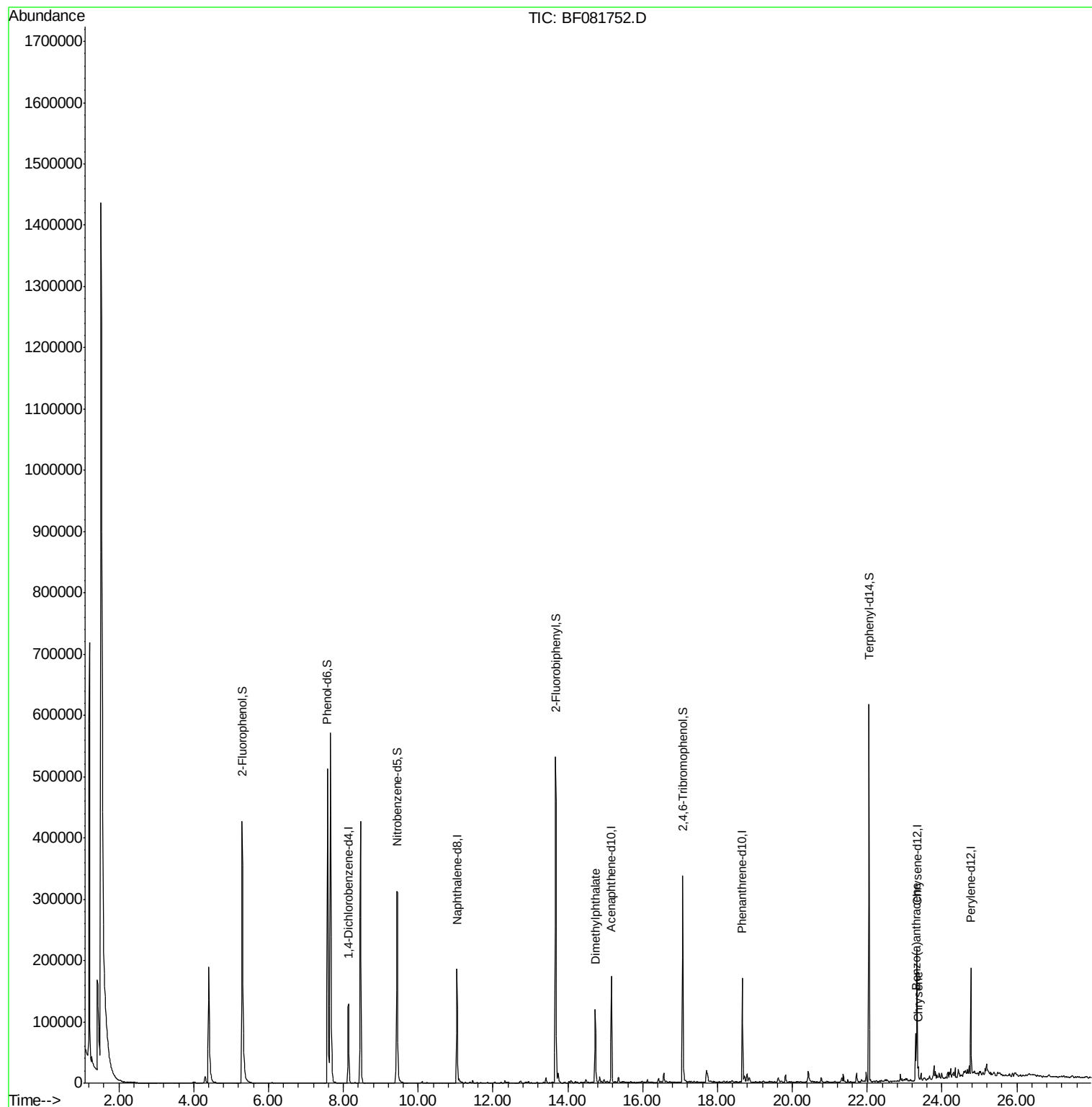
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081752.D
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Operator : UM/IZ
Sample : G3747-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

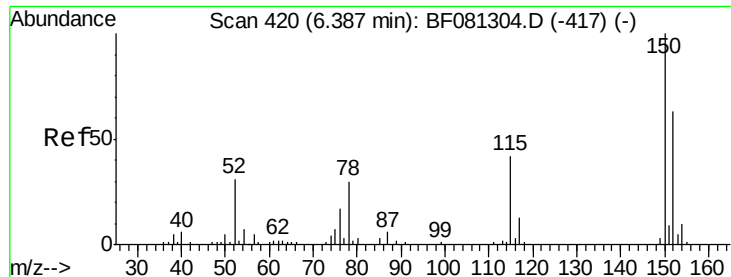
Instrument :
BNA_F
ClientSampleId :
TRENCH-2-1

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Quant Time: Sep 23 01:22:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
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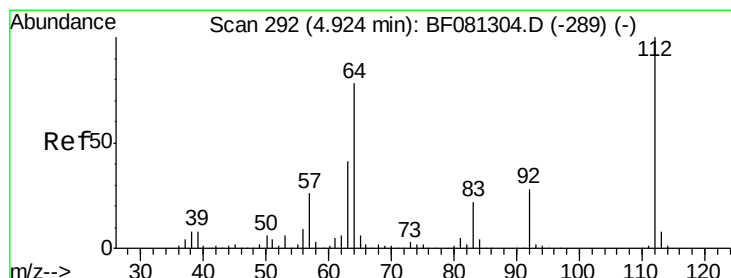
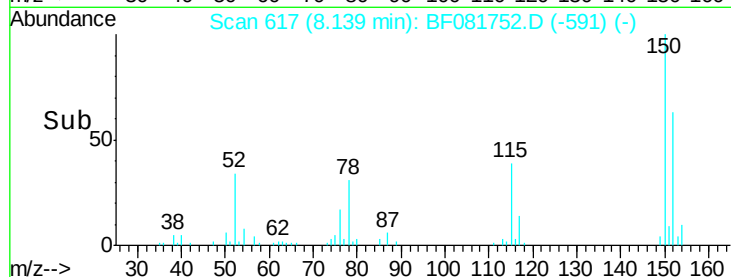
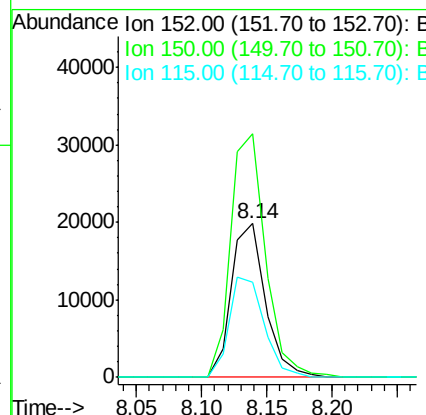
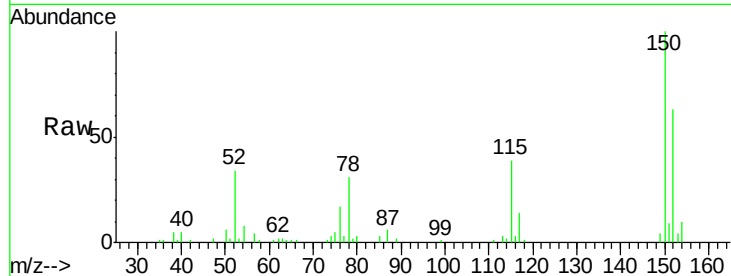
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081752.D
 Acq: 22 Sep 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.7	187.1
115	62.0	39.0	58.4#

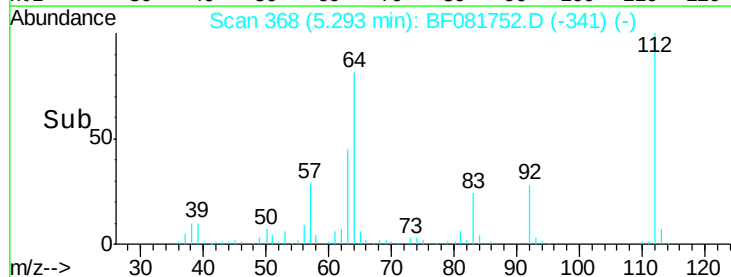
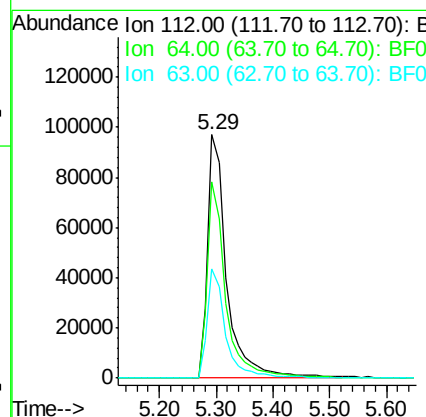
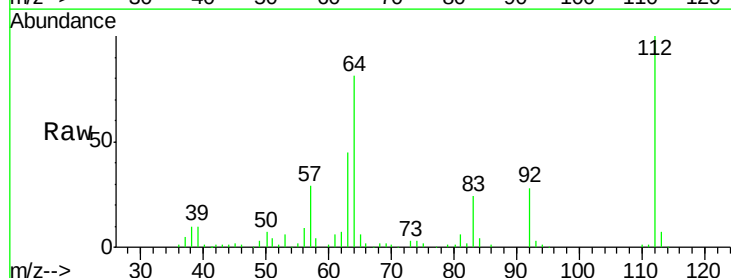
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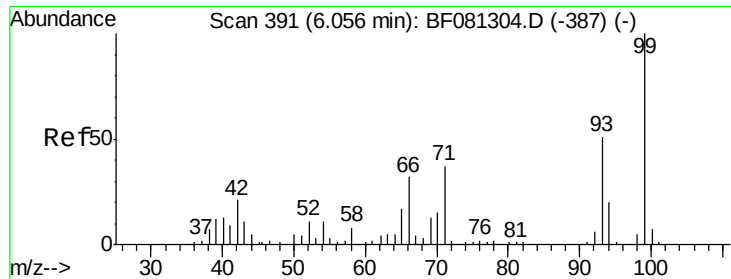
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#5
 2-Fluorophenol
 Concen: 94.52 ng
 RT: 5.29 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: BF081752.D
 Acq: 22 Sep 2015 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.7	39.7	59.5#
63	45.0	17.4	26.0#





#7

Phenol-d6

Concen: 104.57 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF081752.D

Acq: 22 Sep 2015 22:29

Instrument :

BNA_F

ClientSampleId :

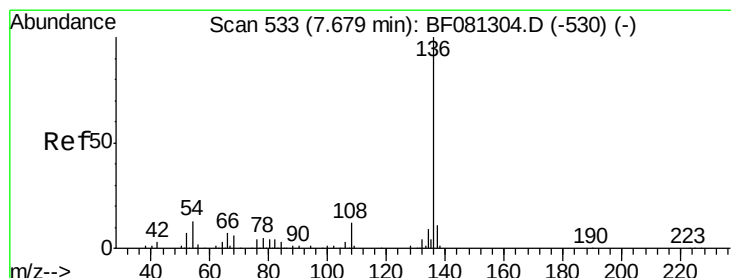
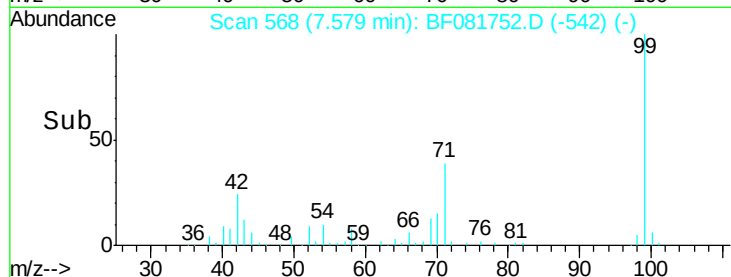
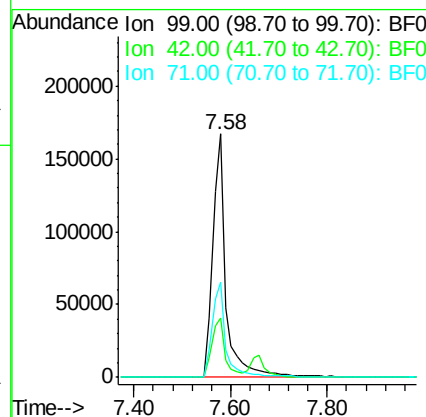
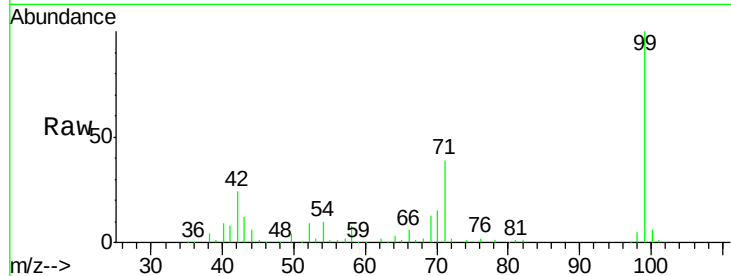
TRENCH-2-1

Tot Ion: 99 Resp: 322220

Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.7	20.5#
71	38.9	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 870

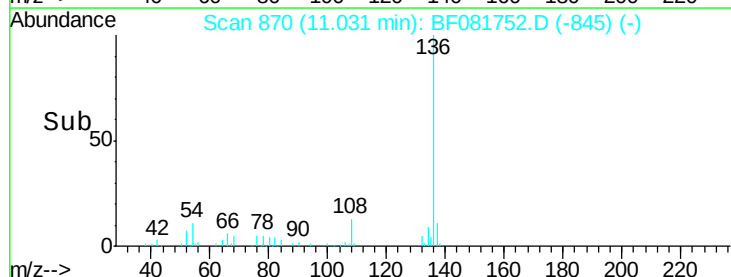
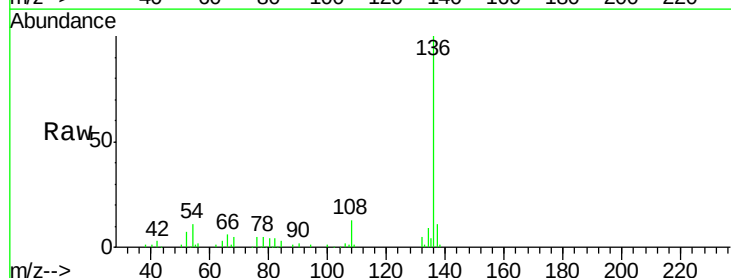
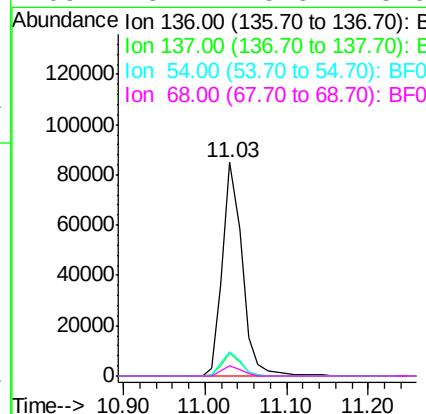
Delta R.T. -0.01 min

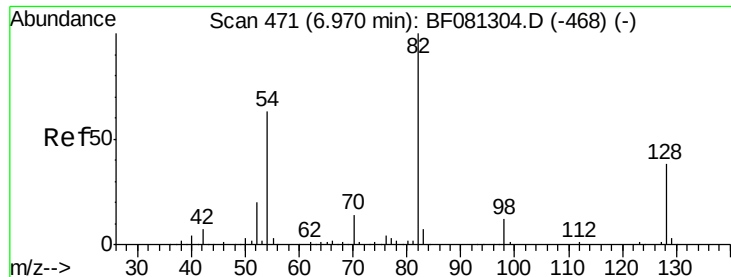
Lab File: BF081752.D

Acq: 22 Sep 2015 22:29

Tgt Ion: 136 Resp: 143350

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	11.3	8.2	12.2
68	5.1	5.8	8.6#





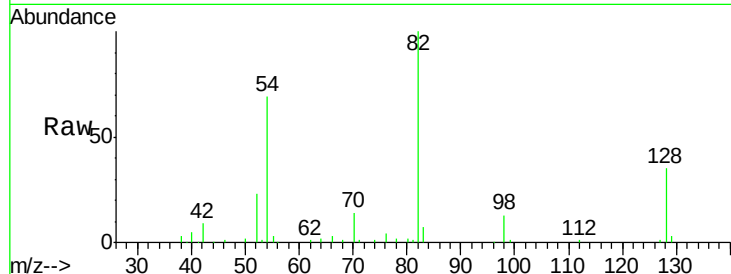
#23
 Nitrobenzene-d5
 Concen: 70.36 ng
 RT: 9.43 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF081752.D
 Acq: 22 Sep 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-1

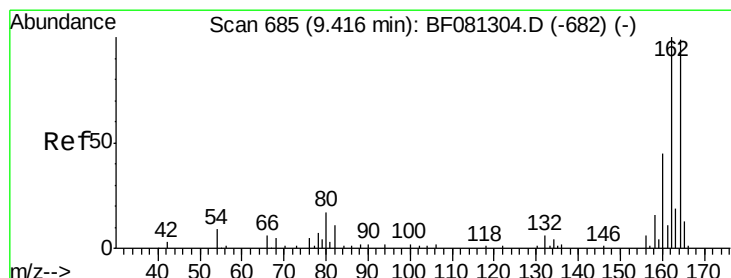
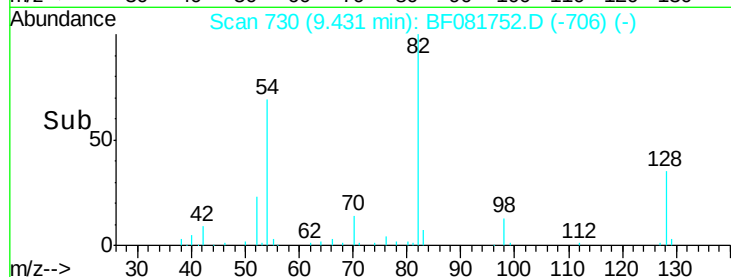
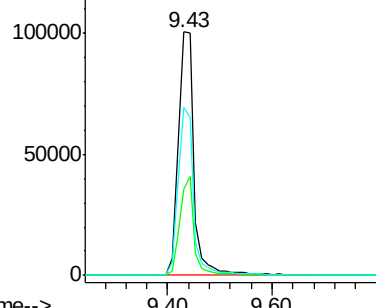
Tot Ion	Ratio	Resp	Lower	Upper
82	100	209046		
128	35.4	51.0	76.6#	
54	69.3	47.5	71.3	

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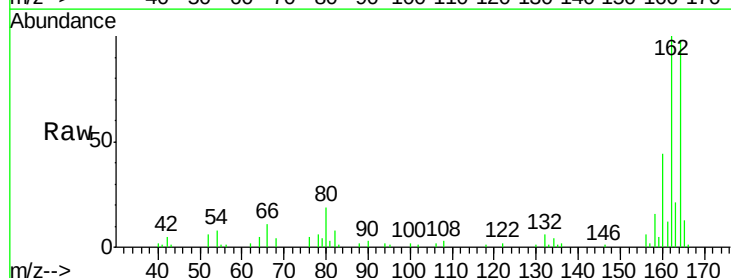


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

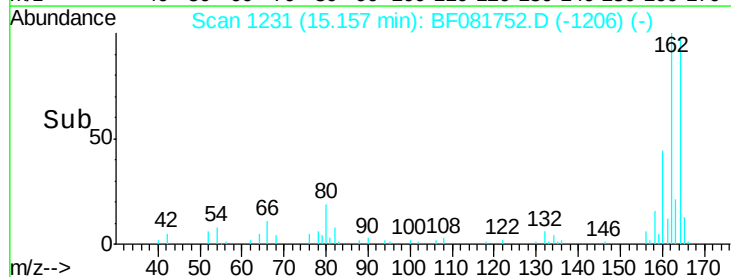
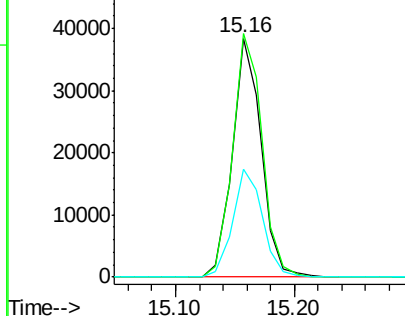


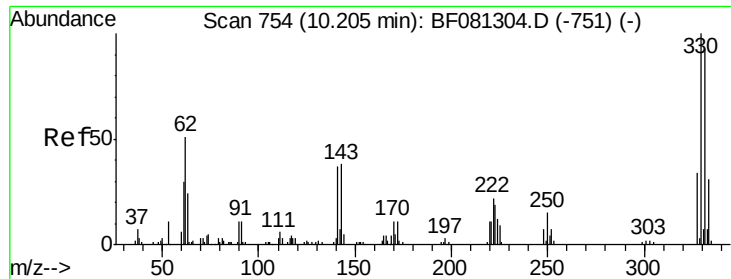
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF081752.D
 Acq: 22 Sep 2015 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	64666		
162	101.9	75.2	112.8	
160	45.3	31.5	47.3	



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





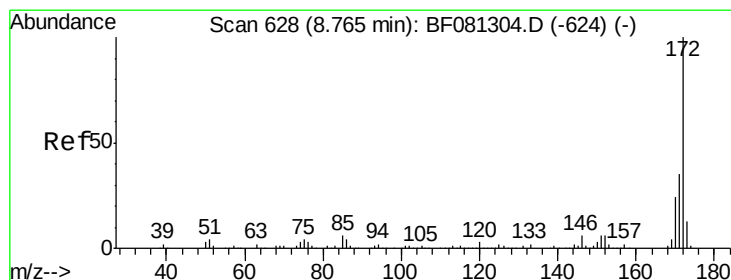
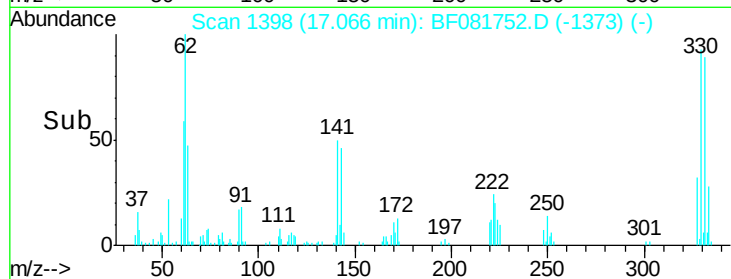
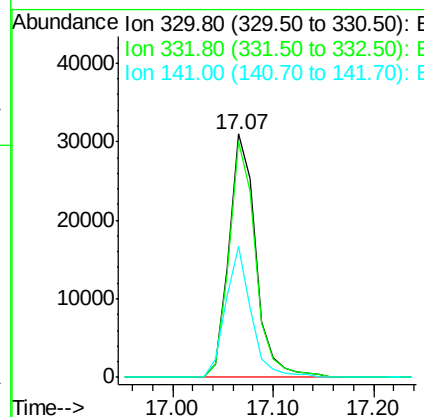
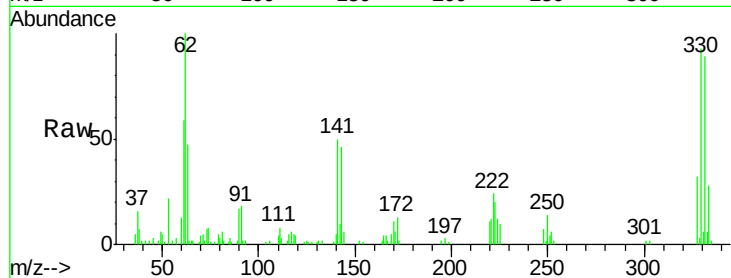
#41
 2,4,6-Tribromophenol
 Concen: 100.44 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF081752.D
 Acq: 22 Sep 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	57831		
332	95.2	76.6	114.8	
141	50.7	29.7	44.5#	

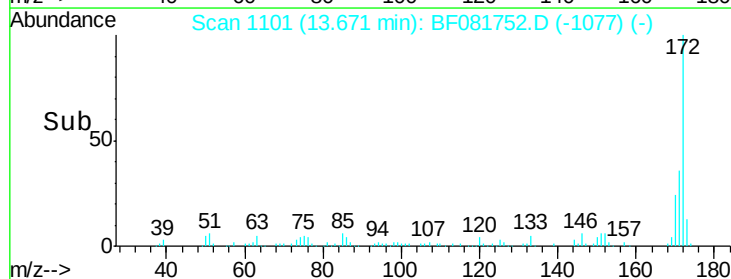
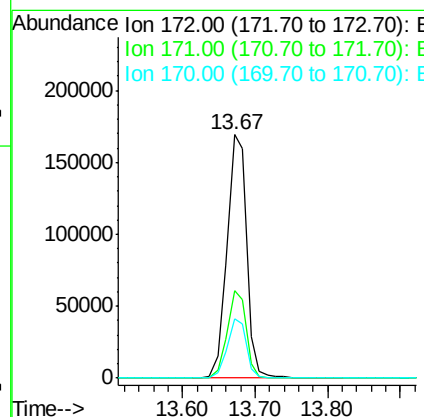
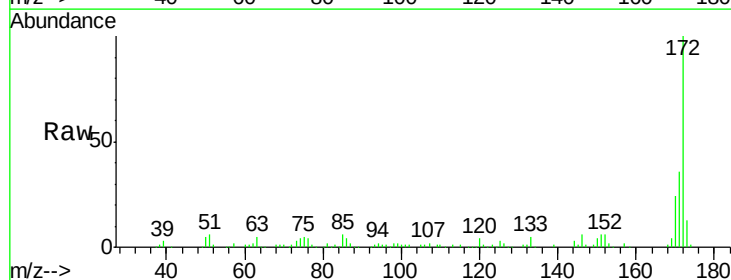
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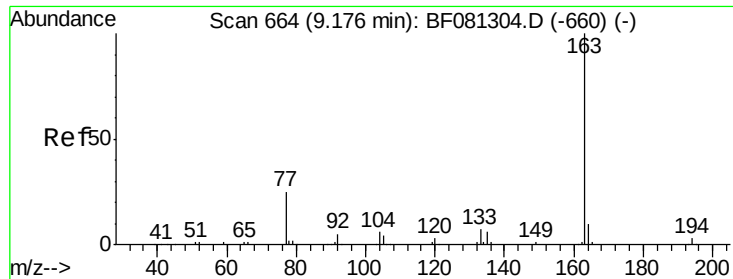
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#44
 2-Fluorobiphenyl
 Concen: 63.10 ng
 RT: 13.67 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF081752.D
 Acq: 22 Sep 2015 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	318425		
171	36.0	26.1	39.1	
170	24.3	17.4	26.2	





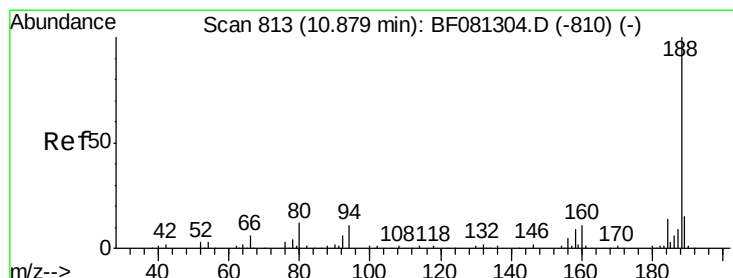
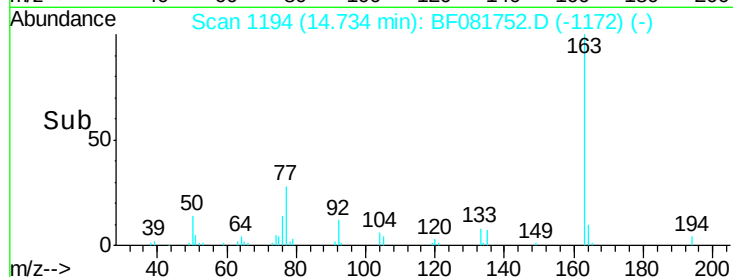
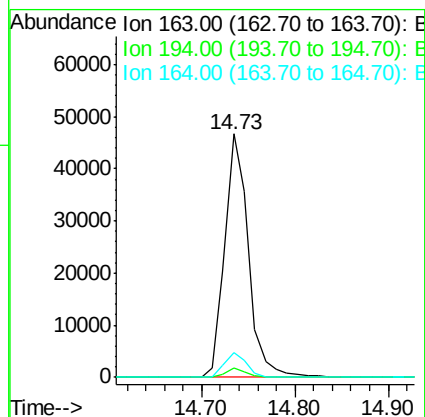
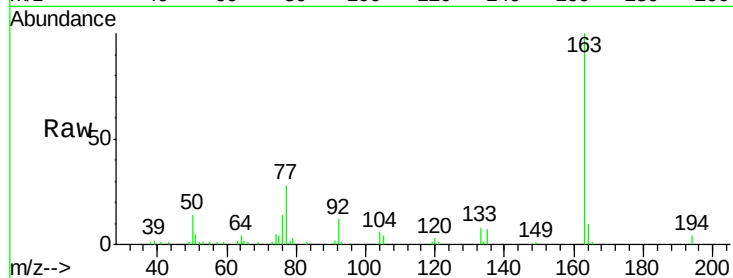
#49
Dimethylphthalate
Concen: 16.42 ng
RT: 14.73 min Scan# 1194
Delta R.T. -0.05 min
Lab File: BF081752.D
Acq: 22 Sep 2015 22:29

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		82488		
194	3.9		4.4	6.6#	
164	10.1		8.3	12.5	

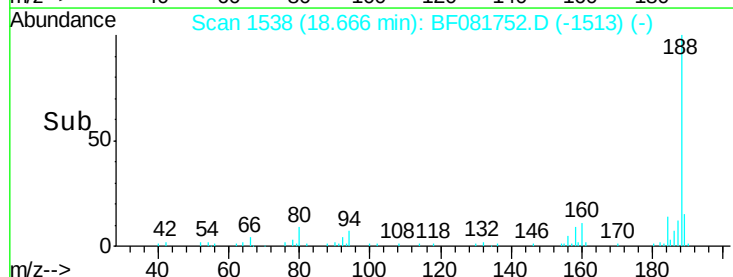
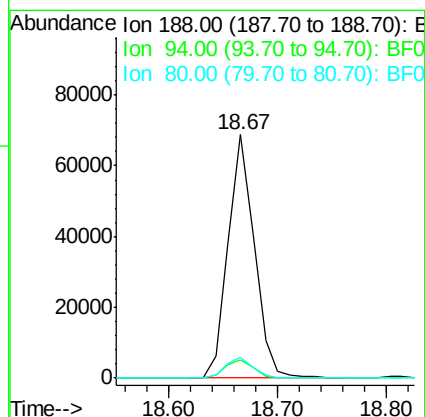
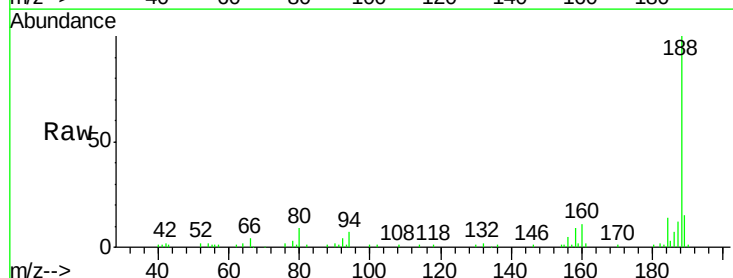
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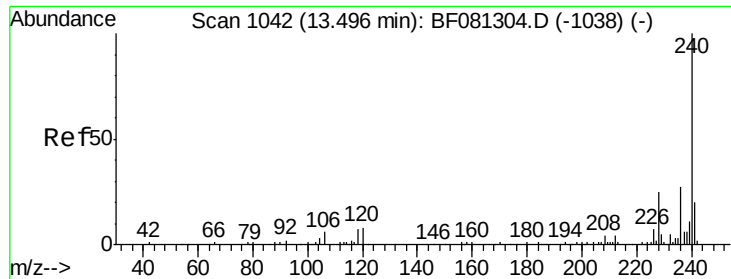
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.67 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF081752.D
Acq: 22 Sep 2015 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		114518		
94	7.4		11.1	16.7#	
80	8.6		11.0	16.4#	





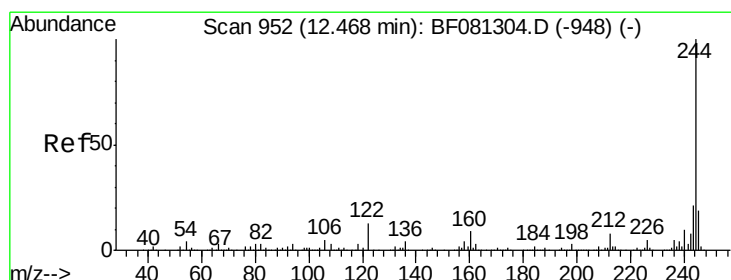
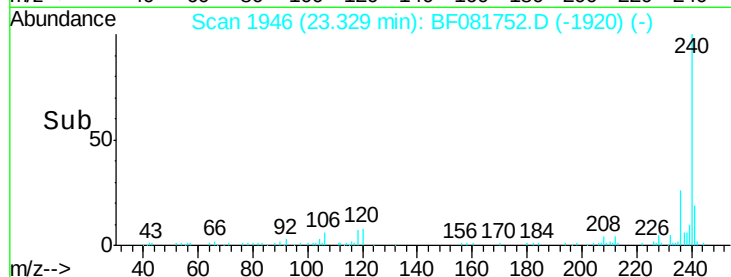
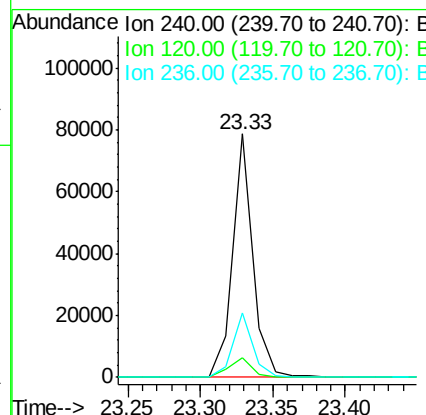
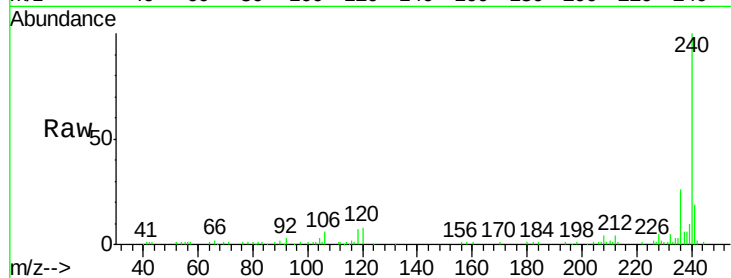
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.33 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BF081752.D
 Acq: 22 Sep 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	16.2	24.2#
236	26.3	18.4	27.6

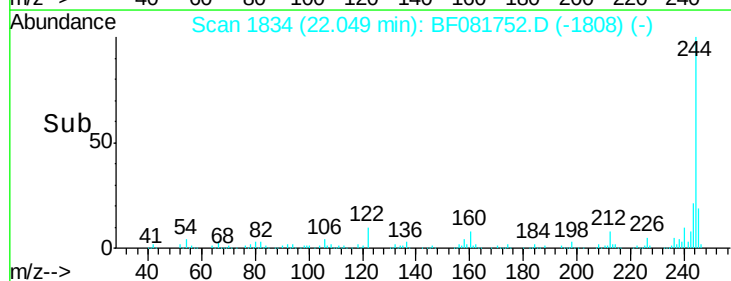
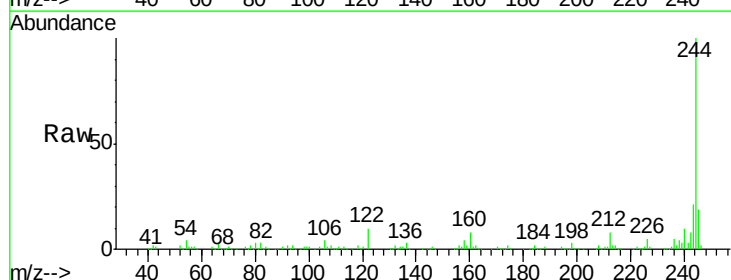
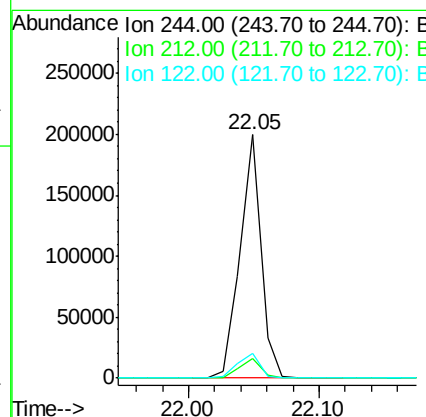
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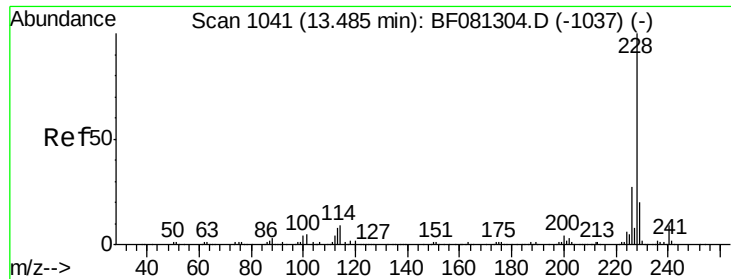
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#78
 Terphenyl-d14
 Concen: 68.22 ng
 RT: 22.05 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BF081752.D
 Acq: 22 Sep 2015 22:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	10.2	17.4	26.2#





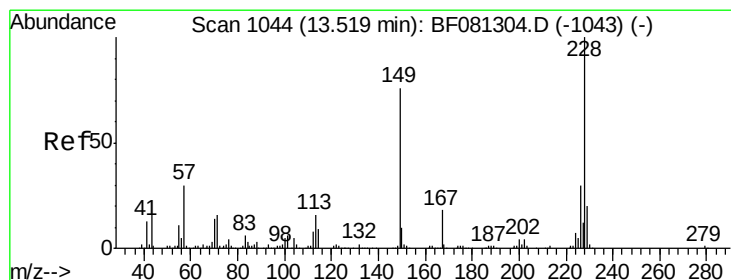
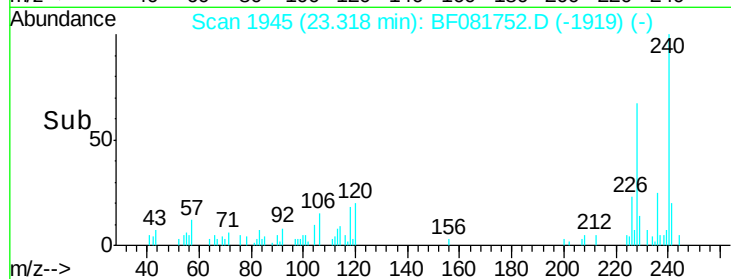
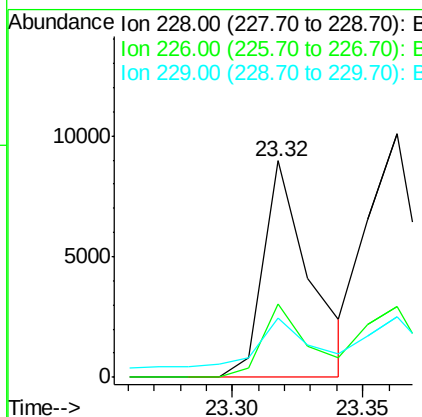
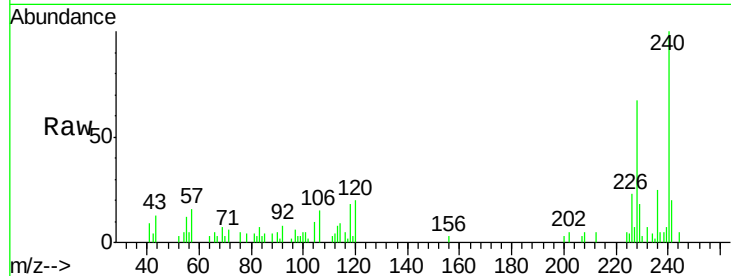
#80
Benzo(a)anthracene
Concen: 2.31 ng
RT: 23.32 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BF081752.D
Acq: 22 Sep 2015 22:29

Instrument :
BNA_F
ClientSampled :
TRENCH-2-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	20.0	30.0#
229	27.5	15.4	23.2#

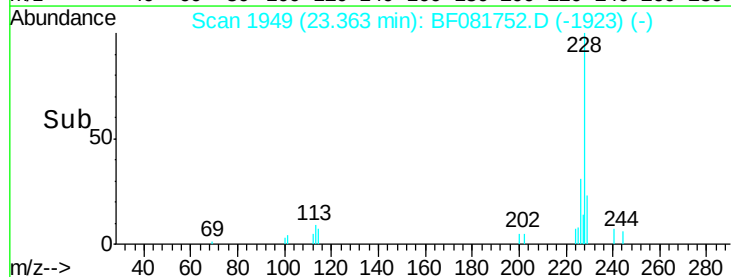
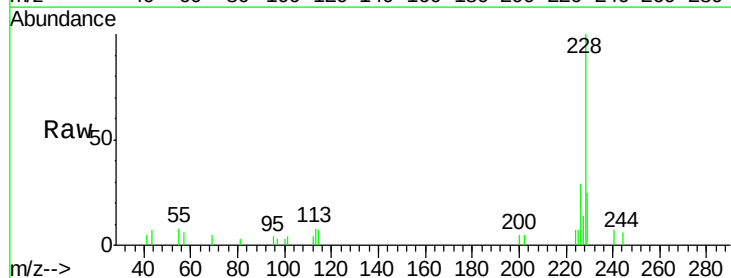
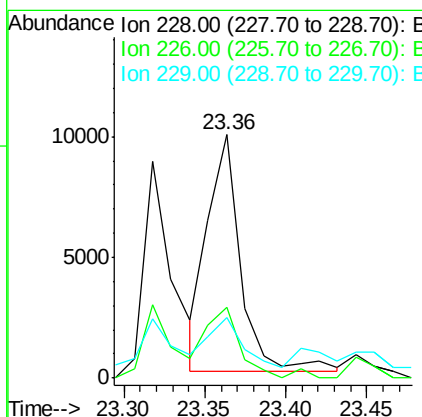
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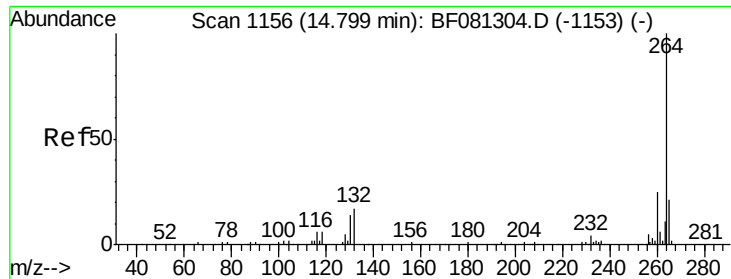
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#82
Chrysene
Concen: 3.25 ng m
RT: 23.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BF081752.D
Acq: 22 Sep 2015 22:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.0	31.4
229	24.9	15.6	23.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081752.D
Acq: 22 Sep 2015 22:29

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.1	17.2	25.8

Manual Integrations
APPROVED

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