

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085382.D
 Acq On : 11 Mar 2016 20:00
 Operator : UM/SJ
 Sample : H1757-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

Manual Integrations
 APPROVED

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 3/14/2016 10:45:24 AM

Quant Time: Mar 12 00:20:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	153312	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	630059	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	287674	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	516717	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	300535	20.00	ng	-0.05
86) Perylene-d12	15.57	264	273811	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1457938	159.51	ng	-0.03
7) Phenol-d6	6.56	99	1756626	146.70	ng	-0.05
23) Nitrobenzene-d5	7.50	82	1037680	88.13	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	368002	149.50	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1899355	100.41	ng	-0.05
78) Terphenyl-d14	13.05	244	1363385	105.31	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	220534	9.99	ng	99
74) Fluoranthene	12.68	202	125445	4.62	ng	98
77) Pyrene	12.91	202	122519	5.42	ng	98
80) Benzo(a)anthracene	14.09	228	59743	3.32	ng	94
82) Chrysene	14.13	228	66417	4.00	ng	97
85) Indeno(1,2,3-cd)pyrene	17.02	276	42619	3.29	ng	# 91
87) Benzo(b)fluoranthene	15.15	252	105730m	5.79	ng	
88) Benzo(k)fluoranthene	15.17	252	31019m	2.11	ng	
89) Benzo(a)pyrene	15.50	252	44423	2.94	ng	# 90
91) Benzo(g,h,i)perylene	17.45	276	39200	3.02	ng	96

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

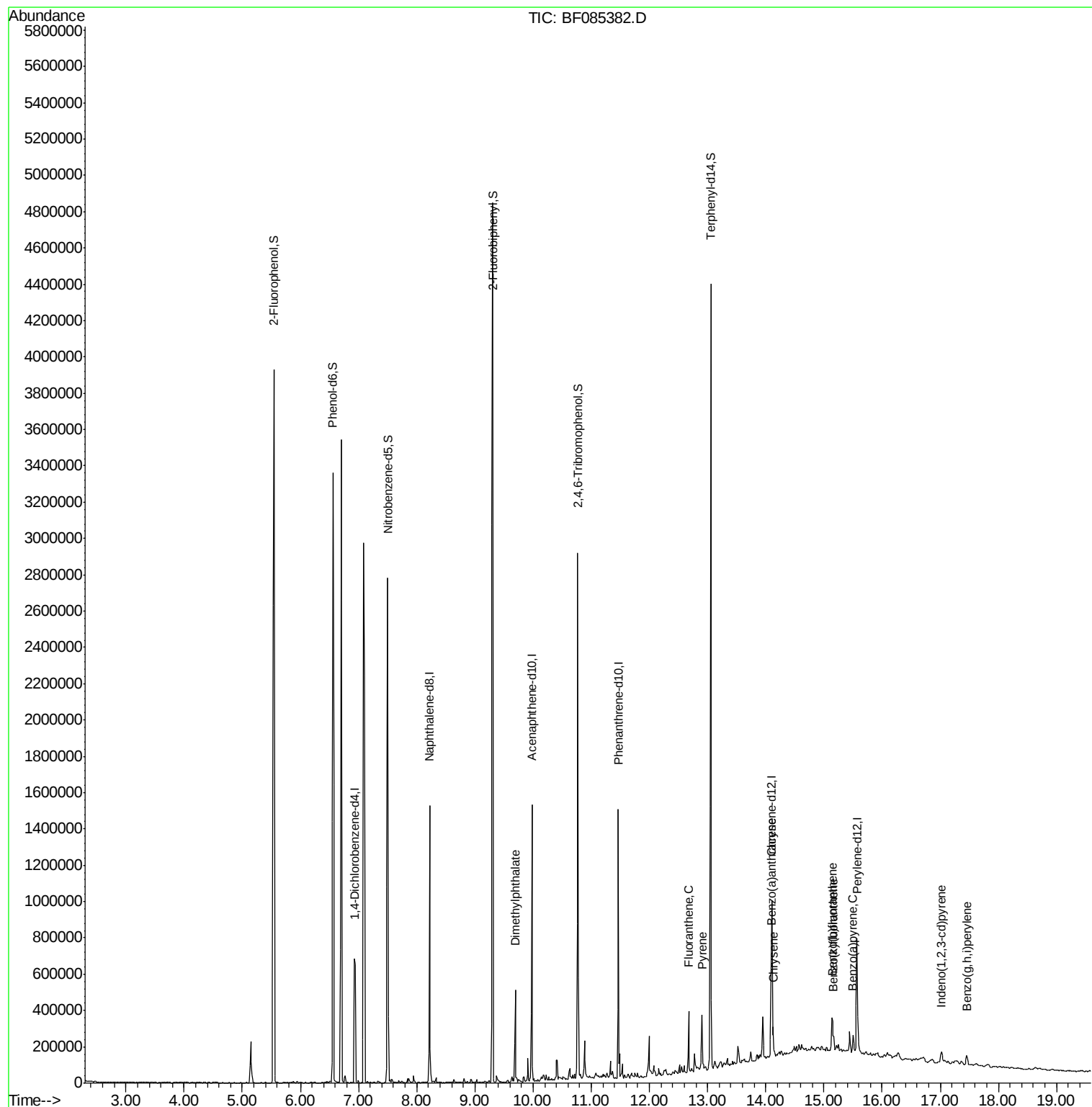
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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ALS Vial : 10 Sample Multiplier: 1

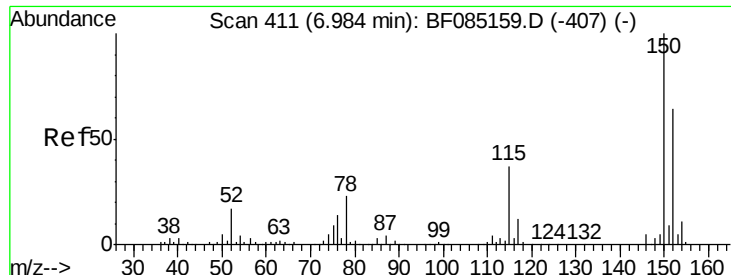
Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

Manual Integrations
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Quant Time: Mar 12 00:20:24 2016
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Response via : Initial Calibration





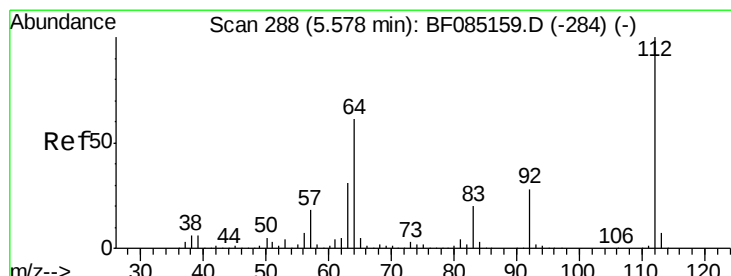
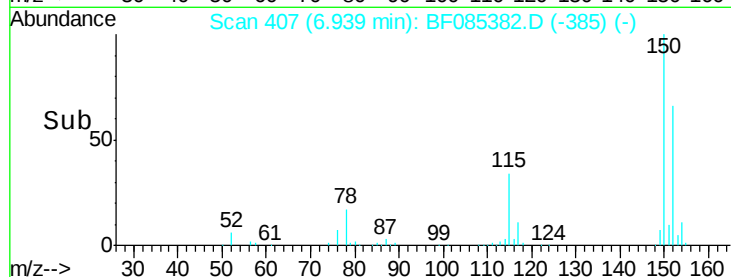
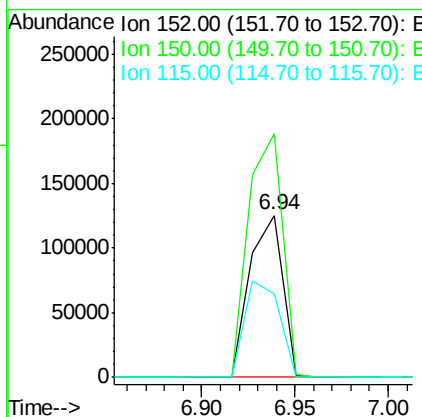
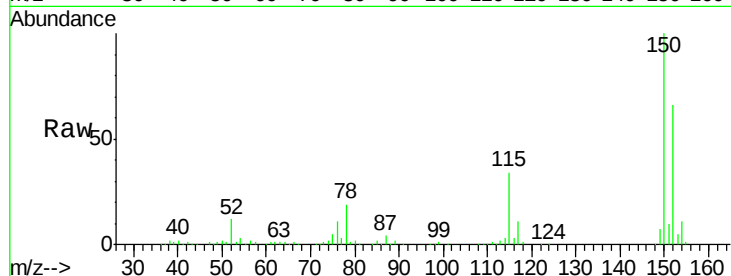
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	153312		
150	150.5	124.6	186.8	
115	51.5	46.6	70.0	

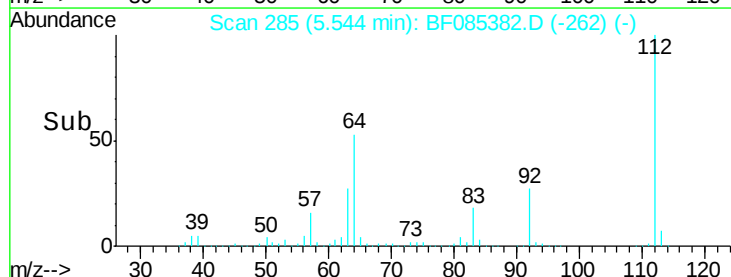
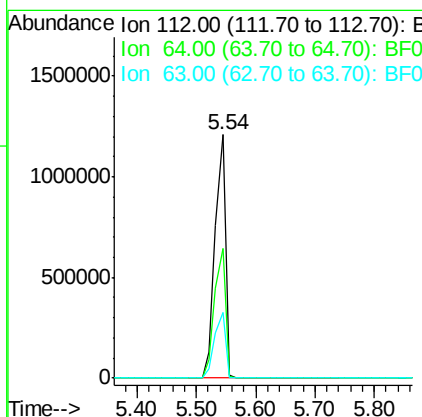
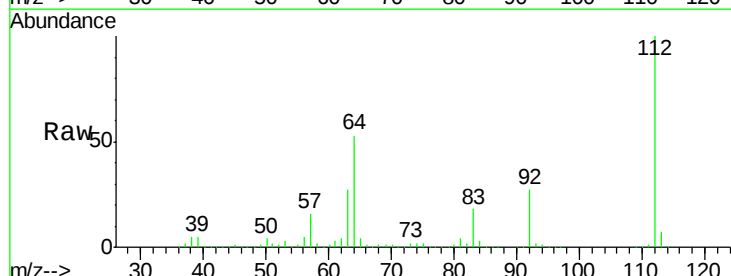
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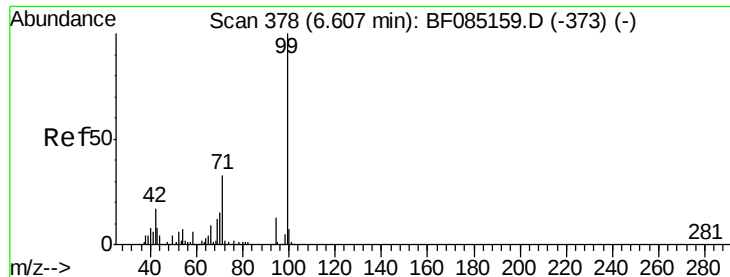
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#5
 2-Fluorophenol
 Concen: 159.51 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1457938		
64	53.4	49.0	73.4	
63	26.9	24.8	37.2	





#7

Phenol-d6

Concen: 146.70 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085382.D

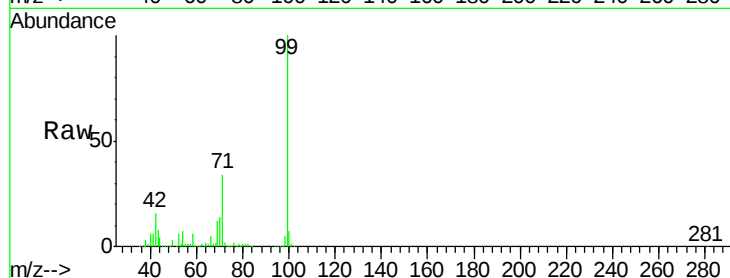
Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2



Tgt Ion: 99 Resp: 175626

Ion Ratio Lower Upper

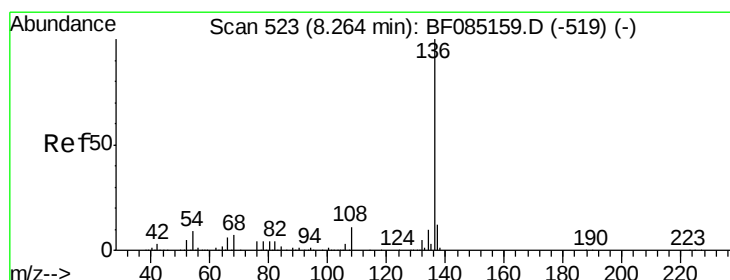
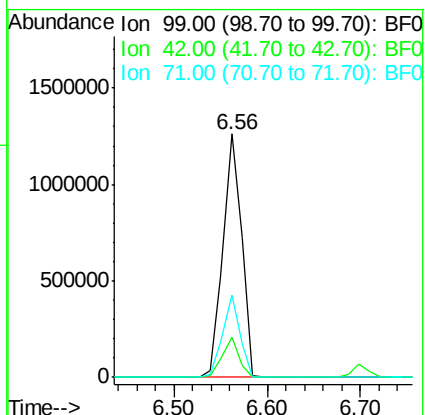
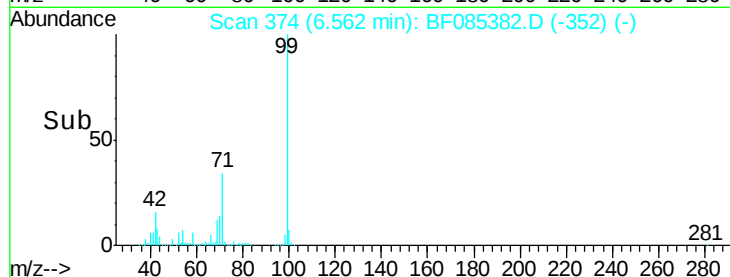
99 100

42 16.4 13.6 20.4

71 34.0 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Tgt Ion: 136 Resp: 630059

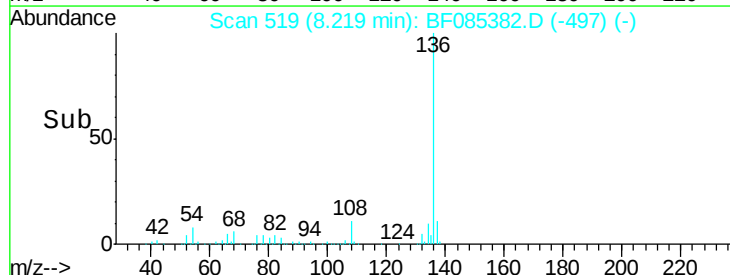
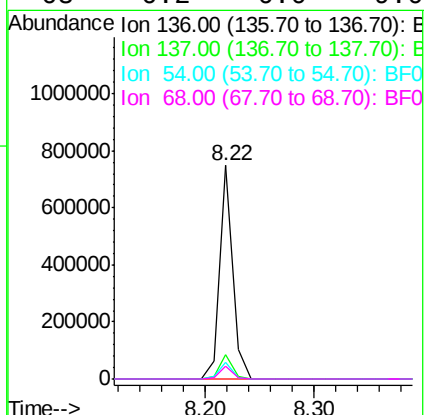
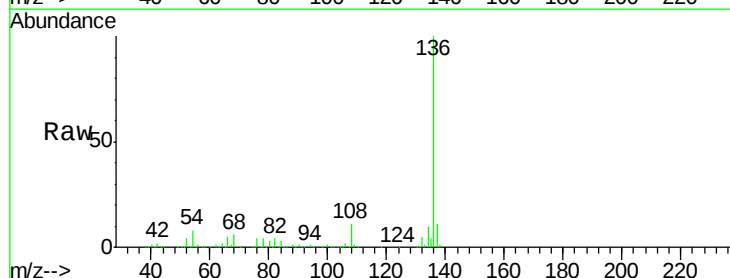
Ion Ratio Lower Upper

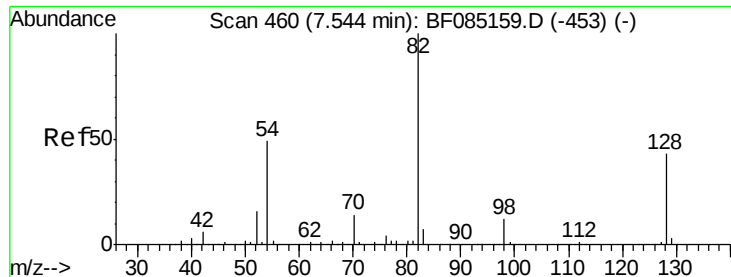
136 100

137 11.3 9.3 13.9

54 7.7 7.4 11.2

68 6.2 6.0 9.0





#23

Nitrobenzene-d5

Concen: 88.13 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

Tgt Ion: 82 Resp: 1037680

Ion Ratio Lower Upper

82 100

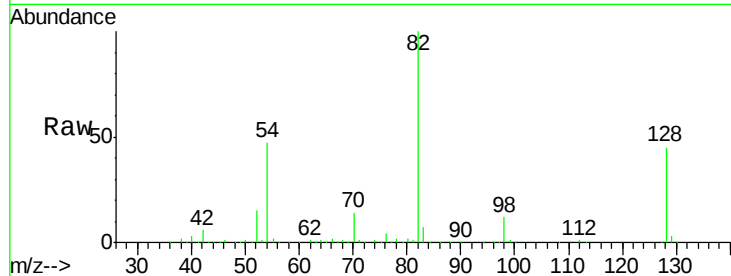
128 45.0 34.5 51.7

54 47.0 39.3 58.9

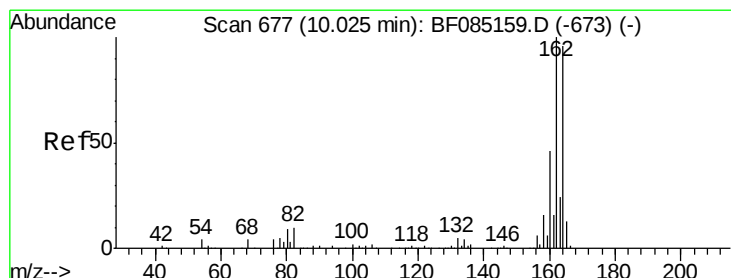
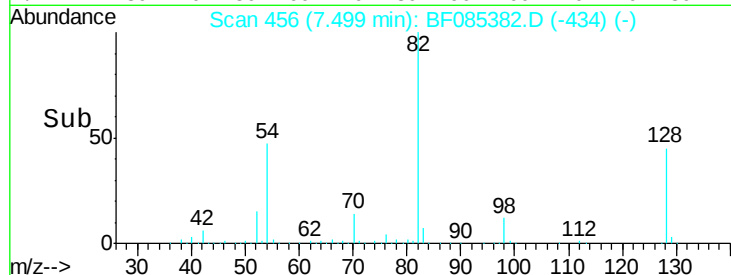
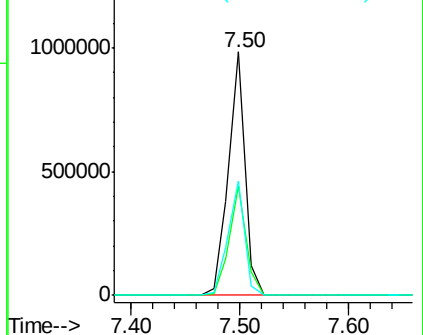
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

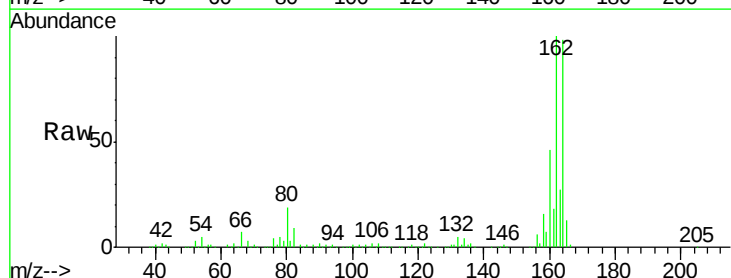
Tgt Ion: 164 Resp: 287674

Ion Ratio Lower Upper

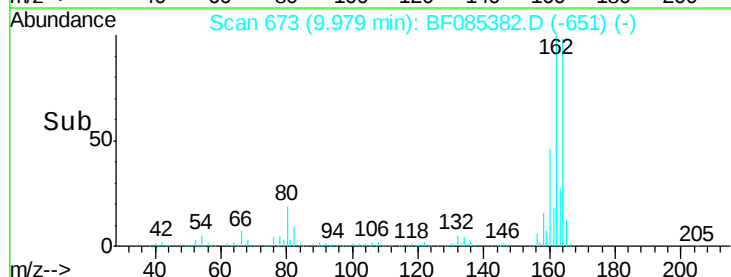
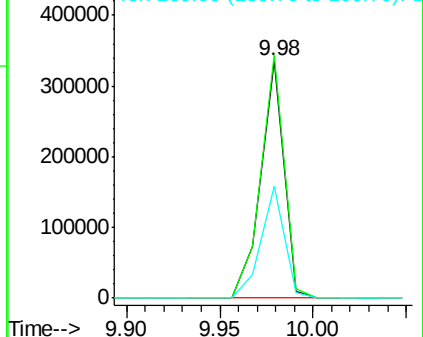
164 100

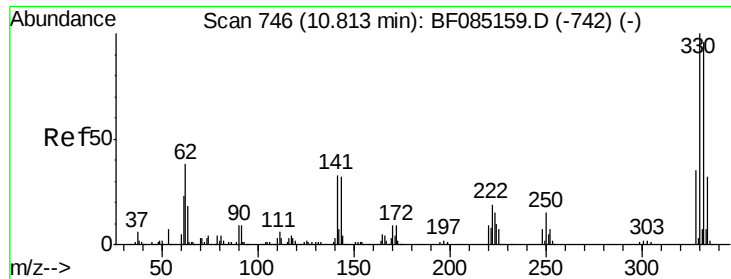
162 102.6 83.3 124.9

160 47.0 37.9 56.9



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





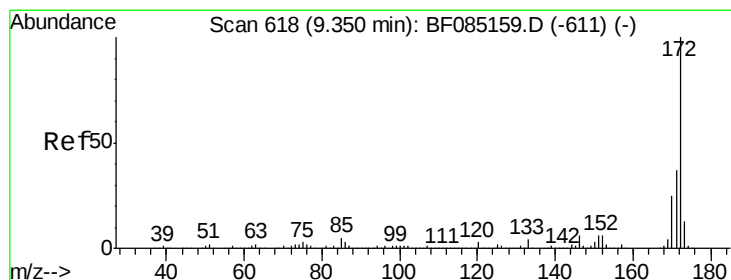
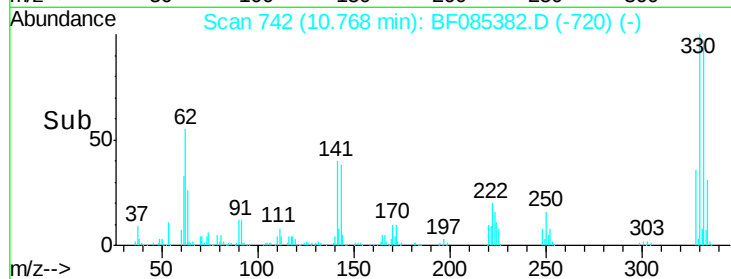
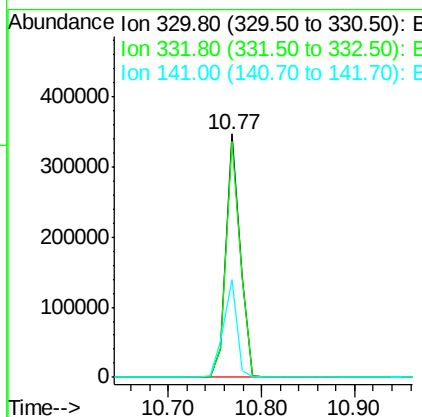
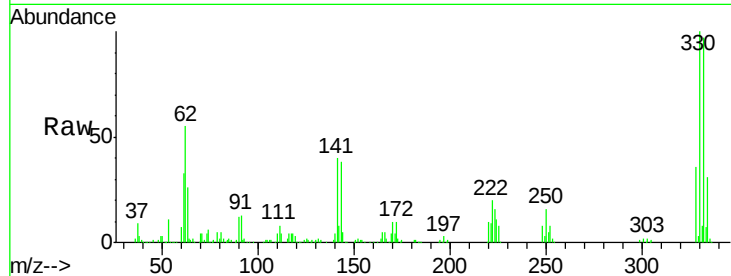
#41
 2,4,6-Tribromophenol
 Concen: 149.50 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	368002		
332	97.7	77.1	115.7	
141	38.9	35.0	52.6	

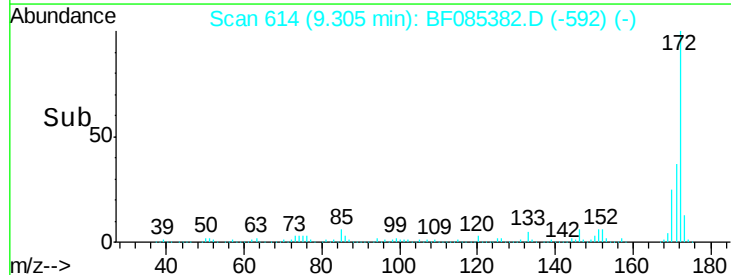
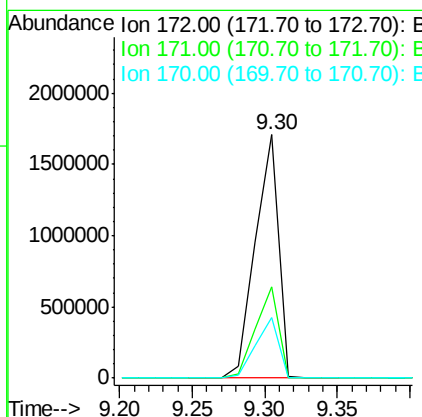
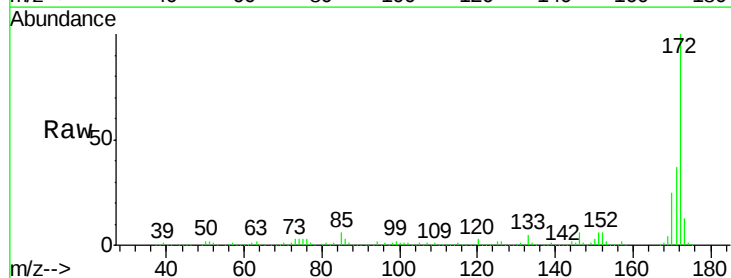
Manual Integrations
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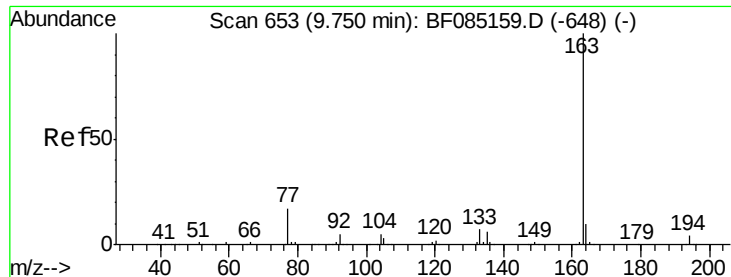
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#44
 2-Fluorobiphenyl
 Concen: 100.41 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1899355		
171	37.3	29.3	43.9	
170	24.7	20.0	30.0	





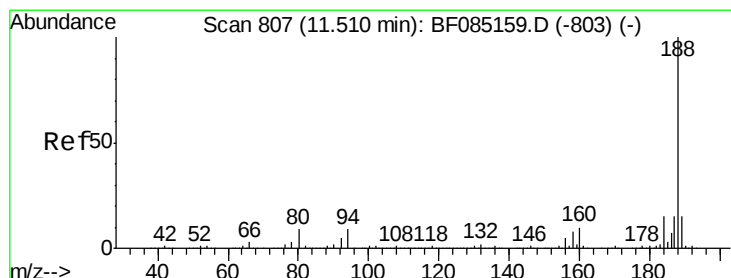
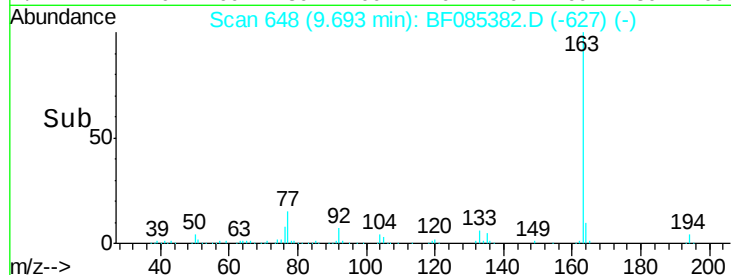
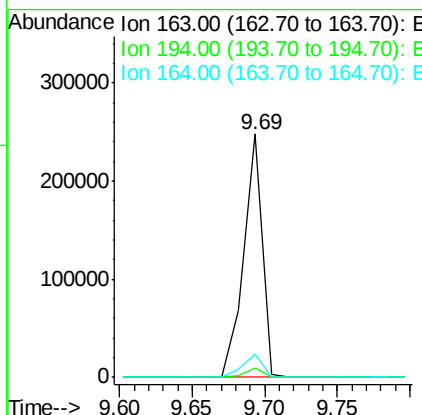
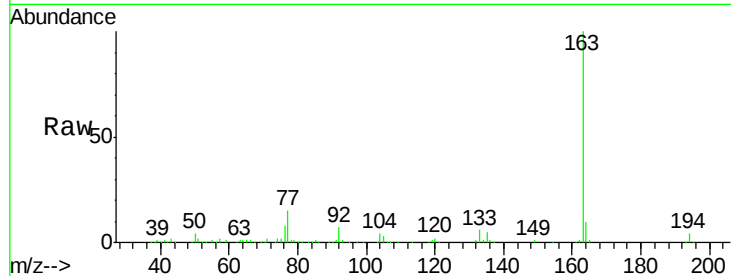
#49
Dimethylphthalate
Concen: 9.99 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	220534		
194	3.7		3.1	4.7
164	9.7		8.2	12.4

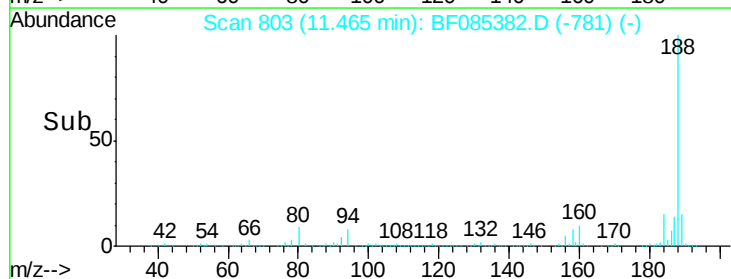
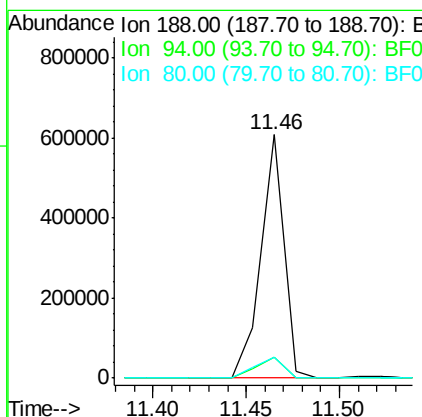
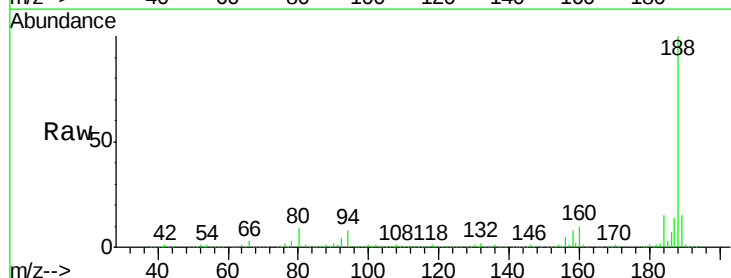
Manual Integrations
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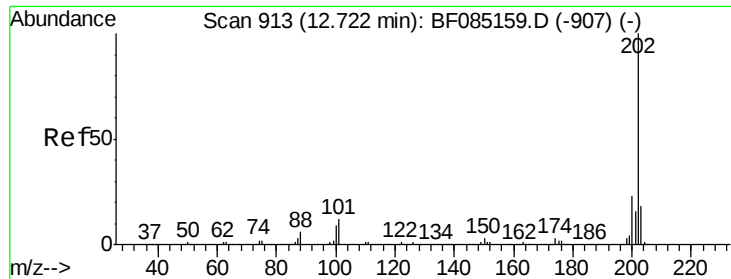
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	516717		
94	8.4		7.0	10.6
80	8.7		7.4	11.0





#74

Fluoranthene

Concen: 4.62 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

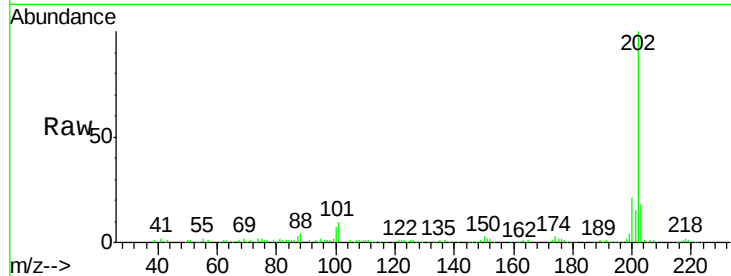
ClientSampleId :

TRACK-D-STOCKPICE-COMP2

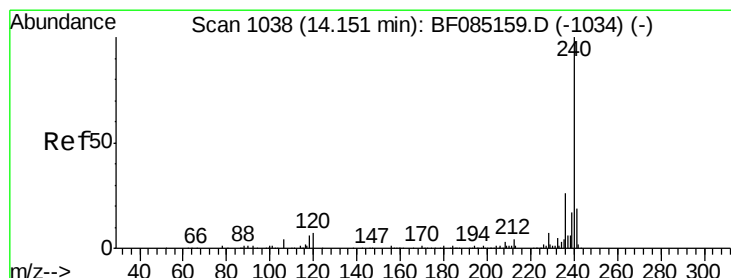
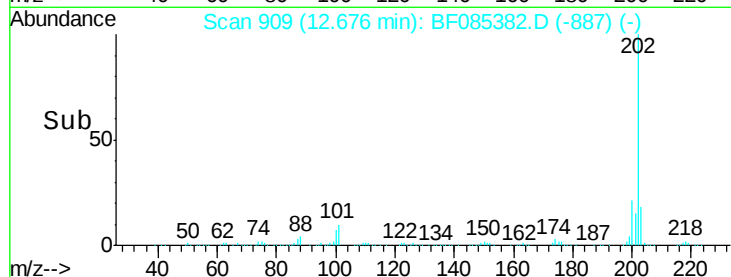
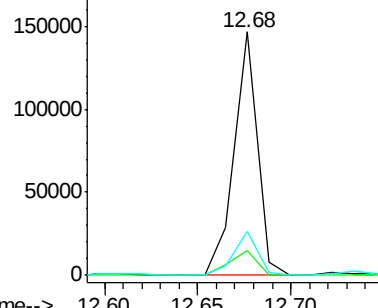
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		125445		
101	9.9	0.0	31.8		
203	18.1	0.0	38.4		

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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

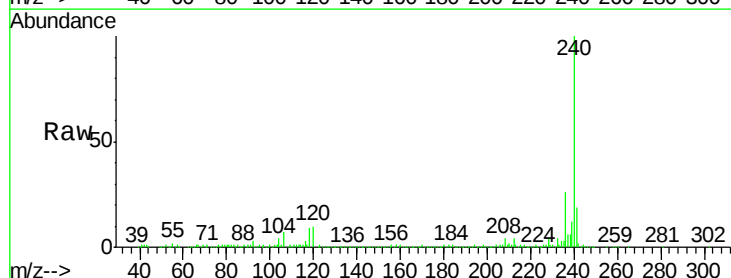
RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

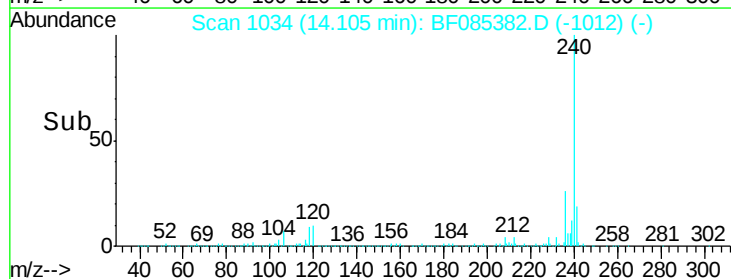
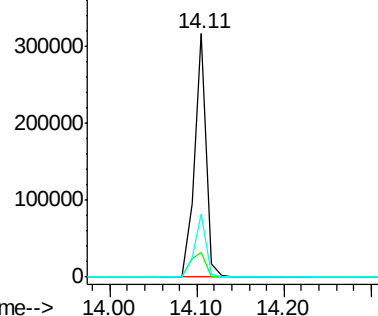
Lab File: BF085382.D

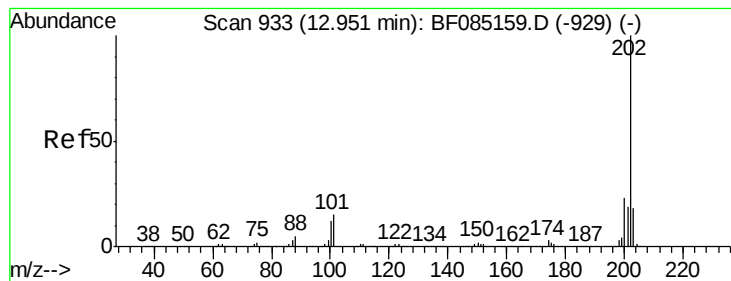
Acq: 11 Mar 2016 20:00

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		300535		
120	10.0	5.3	7.9#		
236	26.0	20.7	31.1		



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

Pyrene

Concen: 5.42 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

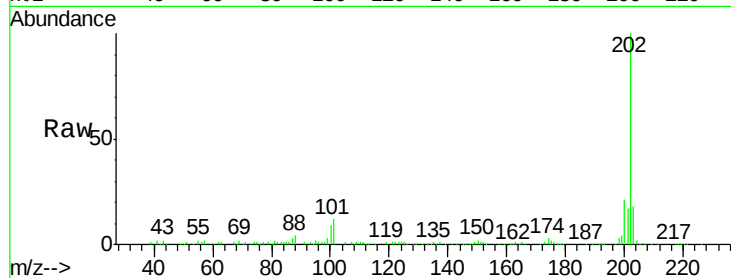
ClientSampleId :

TRACK-D-STOCKPICE-COMP2

Tgt Ion:	202	Resp:	122519
Ion Ratio	Lower	Upper	
202	100		
200	21.1	18.2	27.4
203	18.0	14.7	22.1

Manual Integrations
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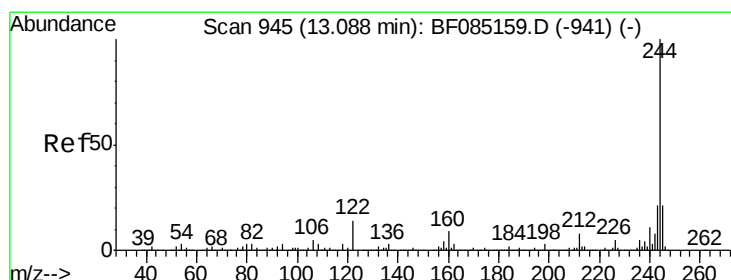
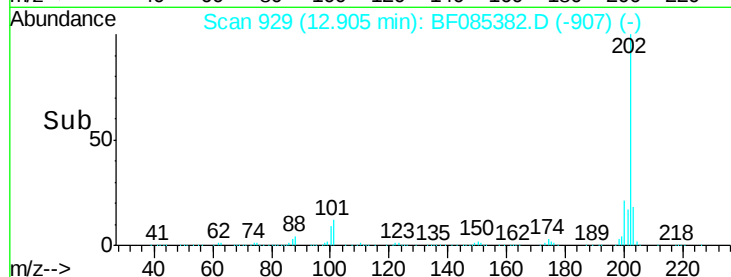
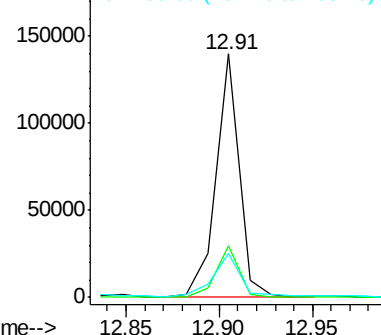
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 105.31 ng

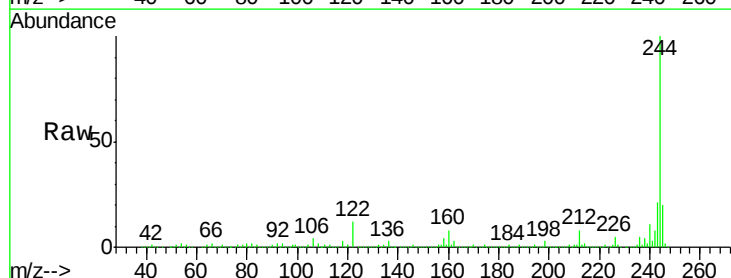
RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

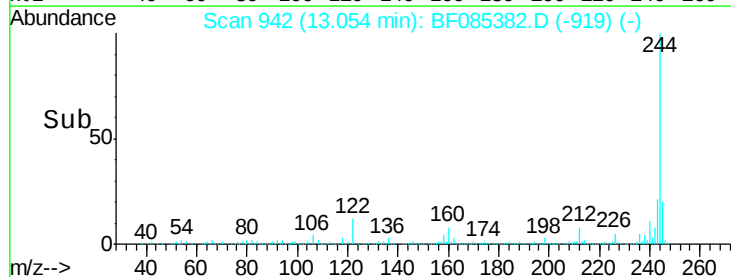
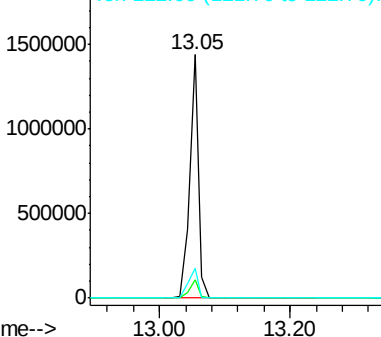
Tgt Ion:	244	Resp:	1363385
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.4	9.6
122	12.3	11.4	17.2

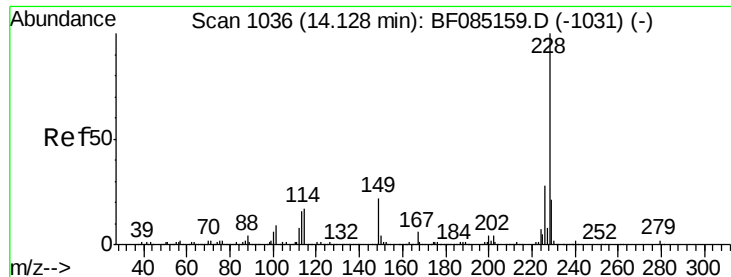


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





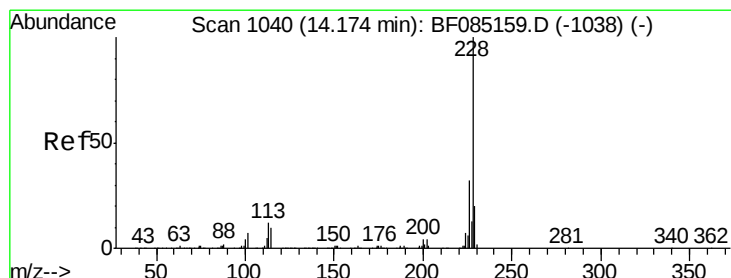
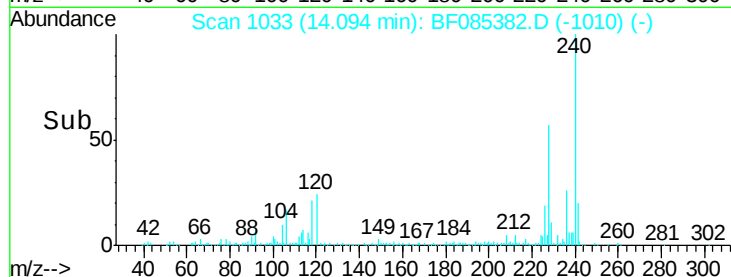
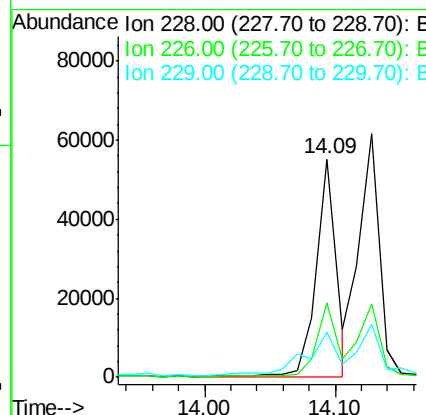
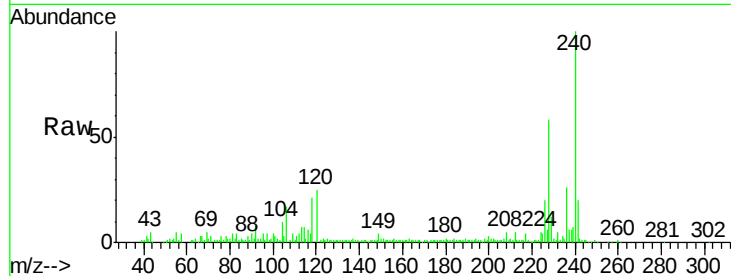
#80
Benzo(a)anthracene
Concen: 3.32 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	22.8	34.2
229	20.6	16.6	24.8

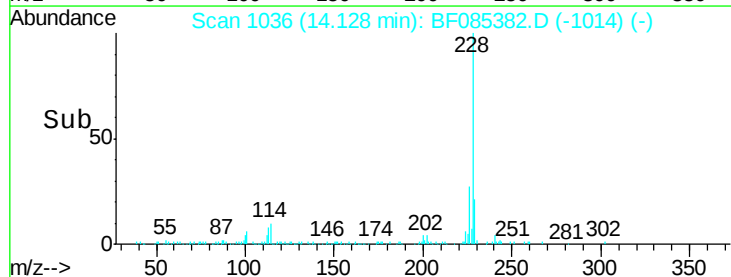
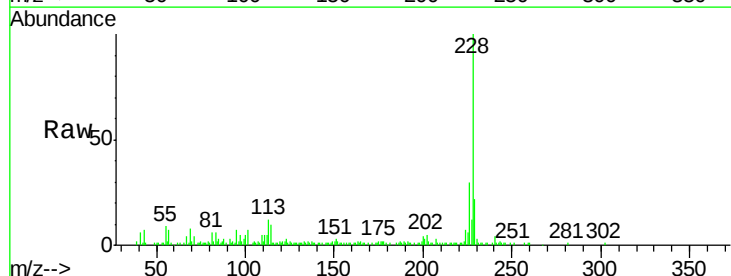
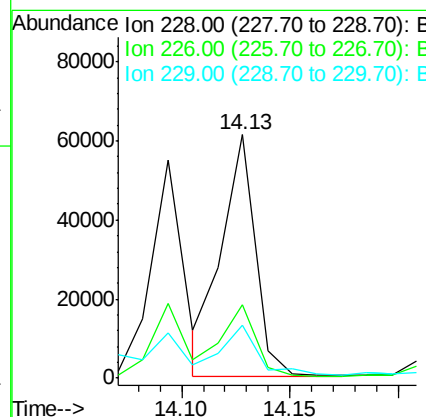
Manual Integrations
APPROVED

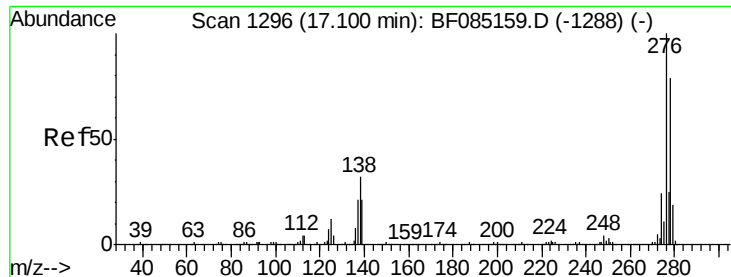
UMANGI
3/14/2016 10:45:24 AM



#82
Chrysene
Concen: 4.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.2	37.8
229	21.8	16.0	24.0





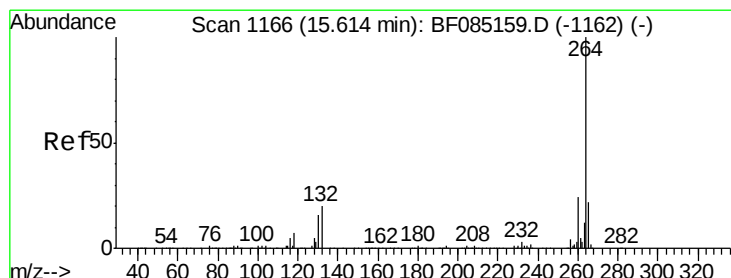
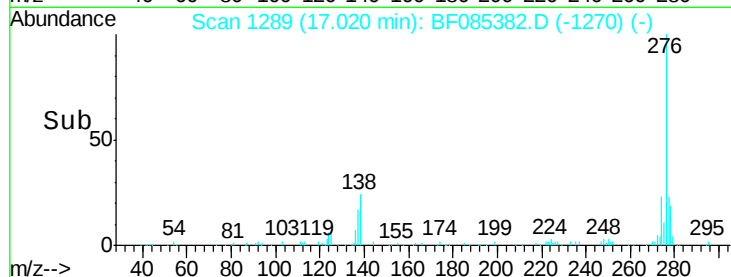
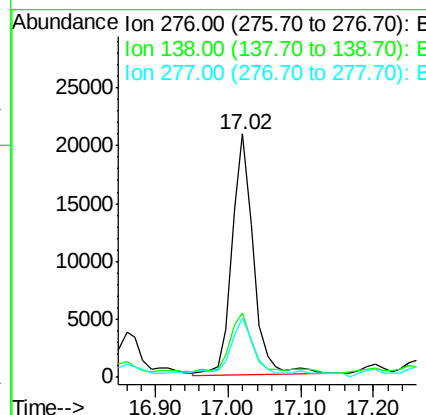
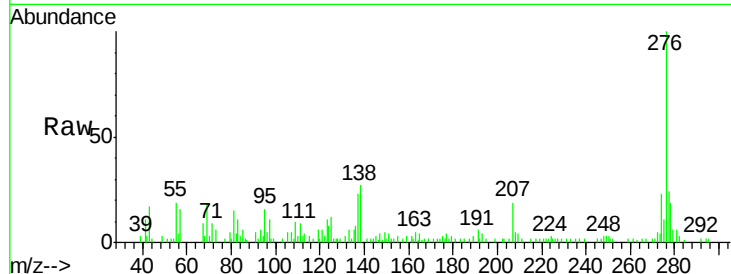
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.29 ng
 RT: 17.02 min Scan# 1289
 Delta R.T. -0.08 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	26.4	39.6#
277	23.6	20.2	30.2

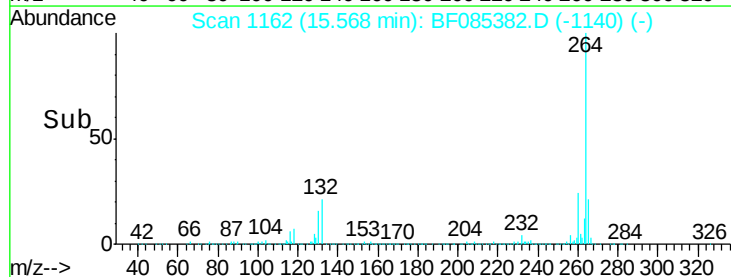
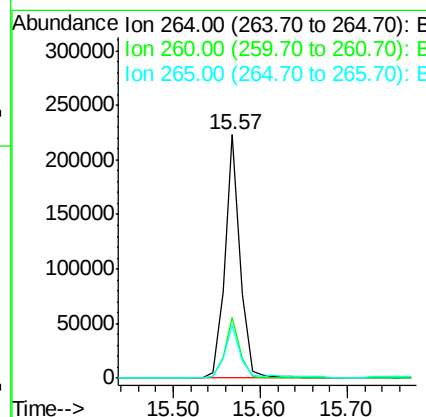
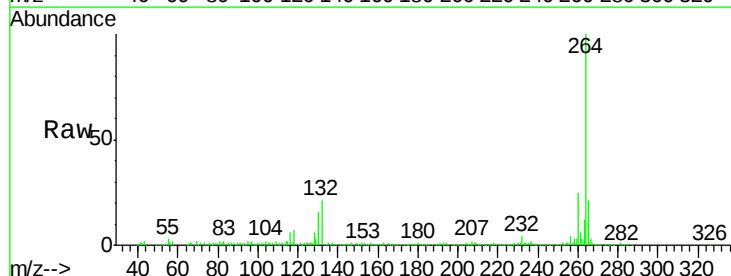
Manual Integrations
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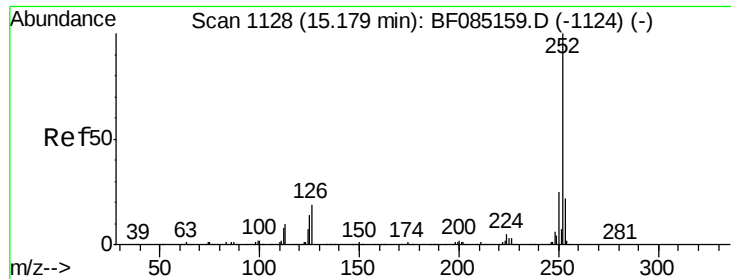
UMANGI
 3/14/2016 10:45:24 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.3	25.9





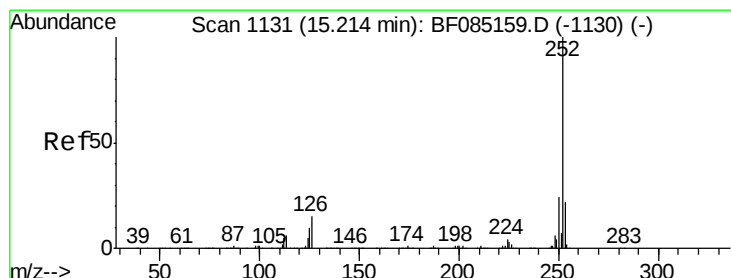
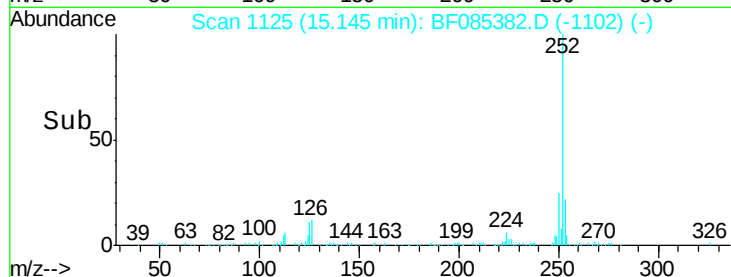
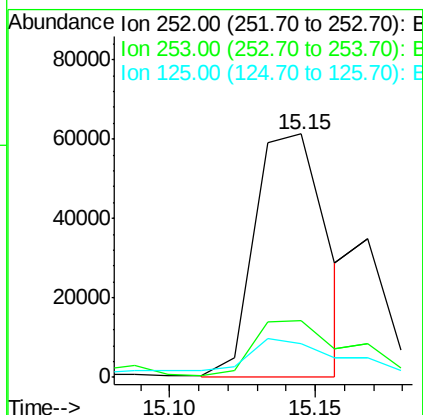
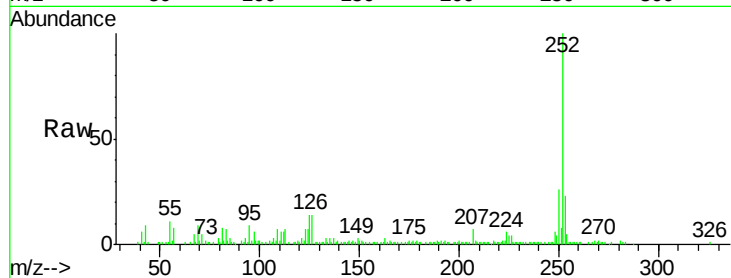
#87
Benzo(b)fluoranthene
Concen: 5.79 ng m
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	13.7	11.3	16.9

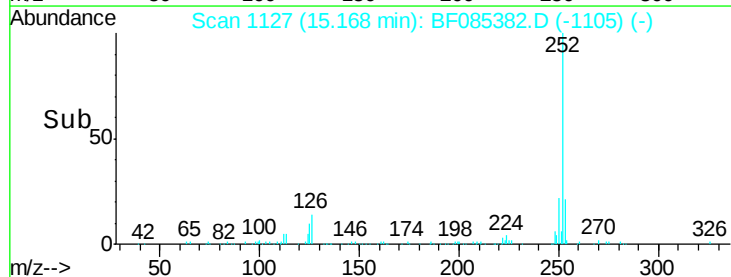
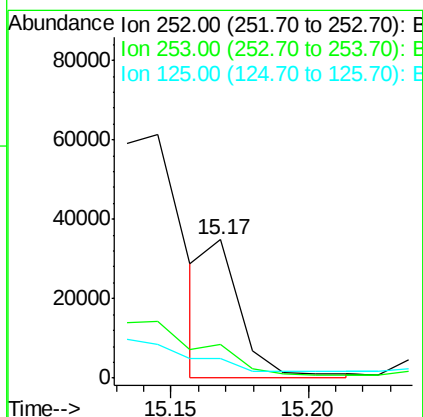
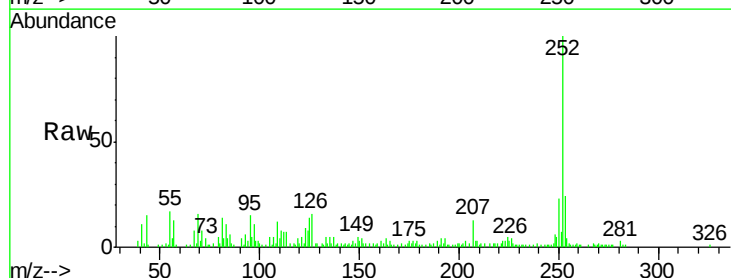
Manual Integrations
APPROVED

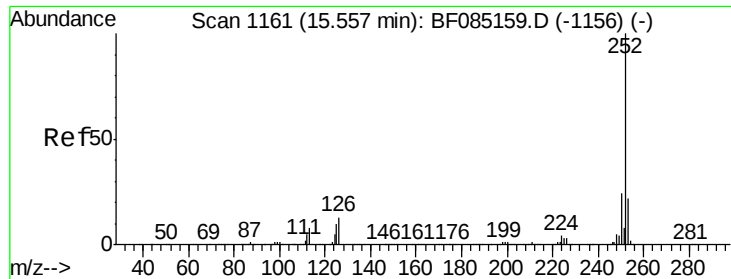
UMANGI
3/14/2016 10:45:24 AM



#88
Benzo(k)fluoranthene
Concen: 2.11 ng m
RT: 15.17 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	14.2	10.4	15.6





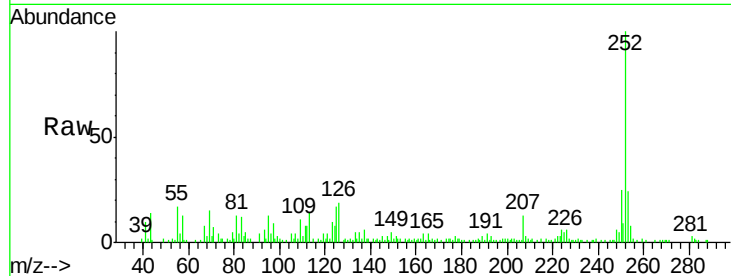
#89
Benzo(a)pyrene
Concen: 2.94 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	17.3	8.2	12.4

Manual Integrations
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3/14/2016 10:45:24 AM

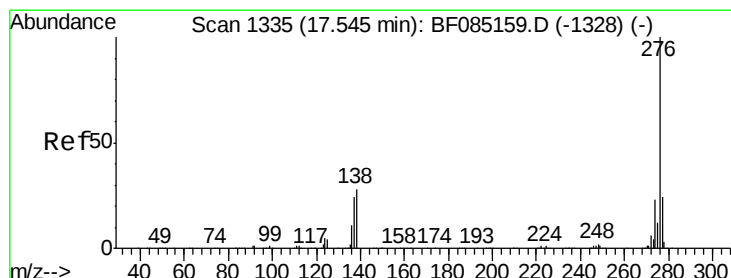
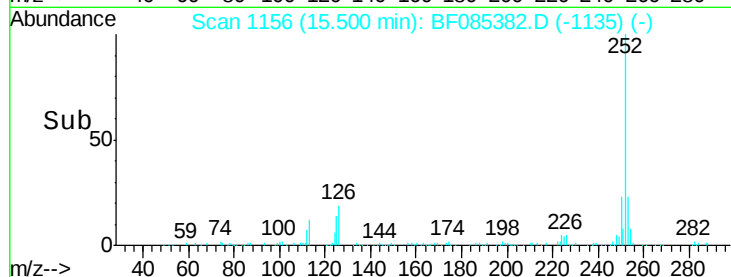
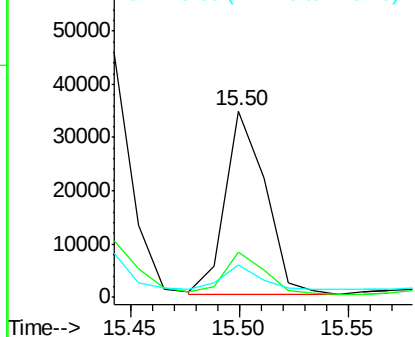


Abundance

Ion 252.00 (251.70 to 252.70): E

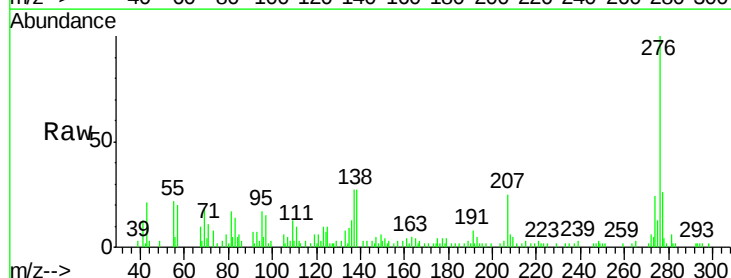
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 3.02 ng
RT: 17.45 min Scan# 1327
Delta R.T. -0.09 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.4
138	26.9	22.5	33.7



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

