

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084977.D
 Acq On : 10 Feb 2016 2:54
 Operator : SJ/IZ
 Sample : H1375-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:45:11 PM

Quant Time: Feb 10 05:55:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	147655	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	473519	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	164951	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	278560	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	329511	20.00	ng	-0.06
86) Perylene-d12	15.14	264	313572	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1160309	122.40	ng	-0.06
7) Phenol-d6	6.29	99	1366052	116.24	ng	-0.05
23) Nitrobenzene-d5	7.21	82	928861	110.50	ng	-0.06
41) 2,4,6-Tribromophenol	10.51	330	234235	136.14	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	938815	103.29	ng	-0.03
78) Terphenyl-d14	12.75	244	815719	56.10	ng	-0.05
Target Compounds						
37) 2-Methylnaphthalene	8.66	142	145457	9.78	ng	Qvalue # 61
70) Phenanthrene	11.22	178	284142m	18.39	ng	
74) Fluoranthene	12.39	202	42596m	2.72	ng	
77) Pyrene	12.60	202	133228m	5.28	ng	

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

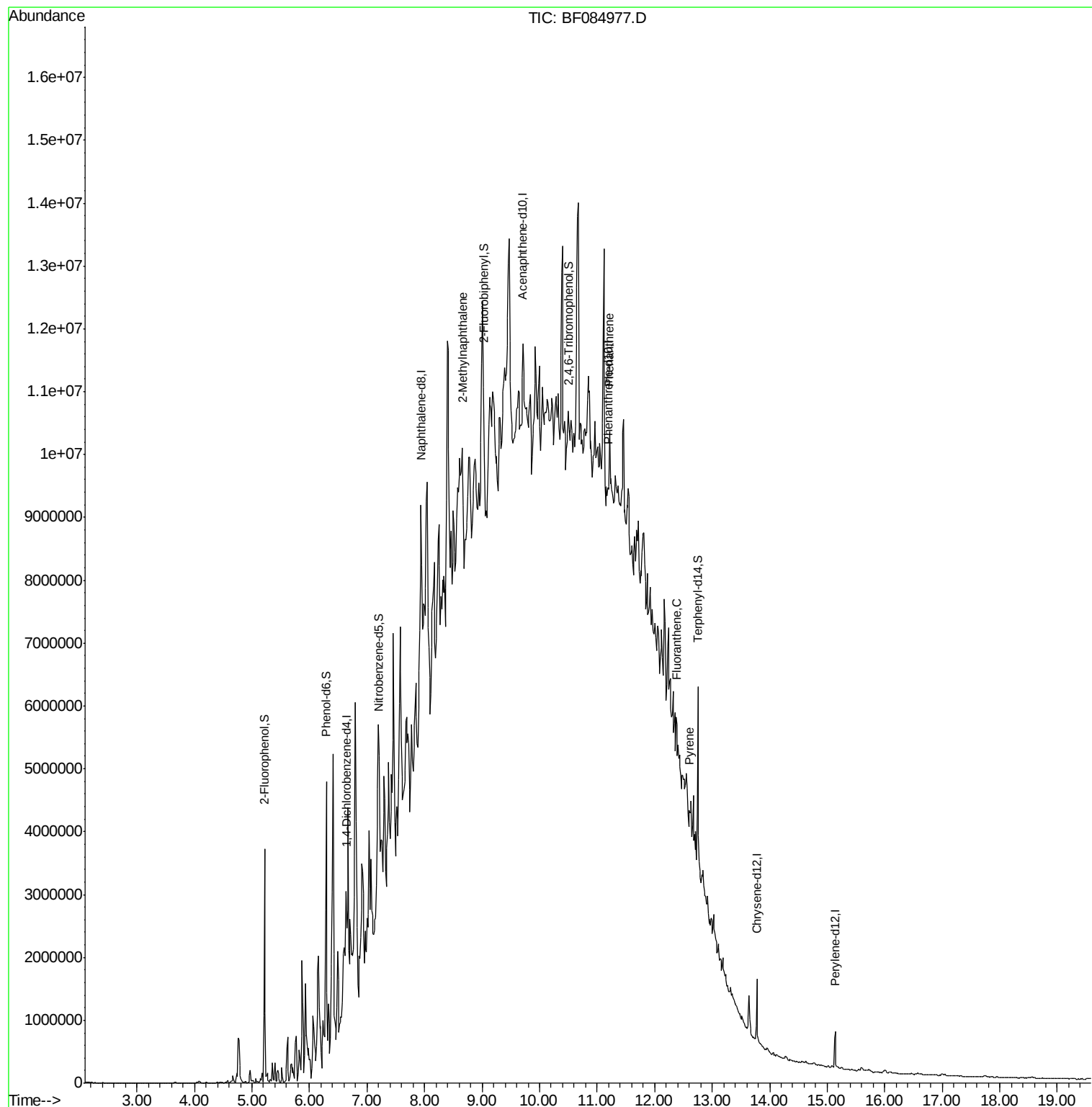
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084977.D
Acq On : 10 Feb 2016 2:54
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Sample : H1375-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

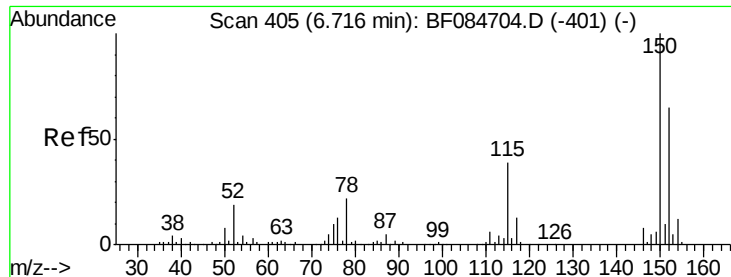
Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Manual Integrations
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Quant Time: Feb 10 05:55:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Instrument :

BNA_F

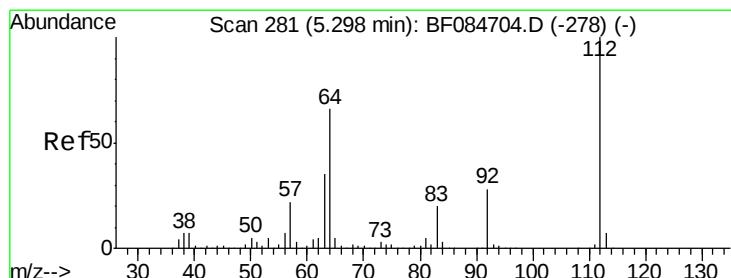
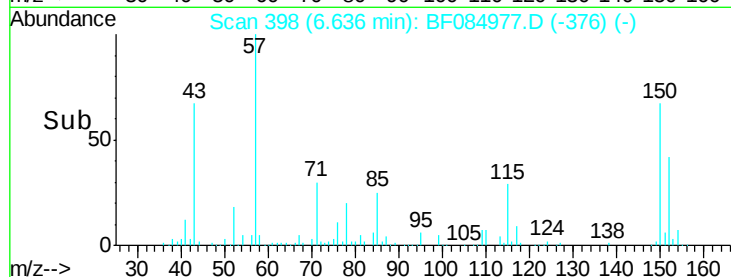
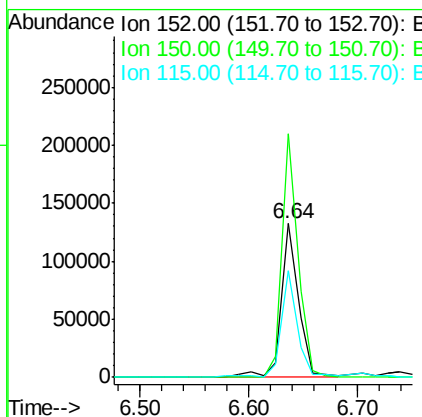
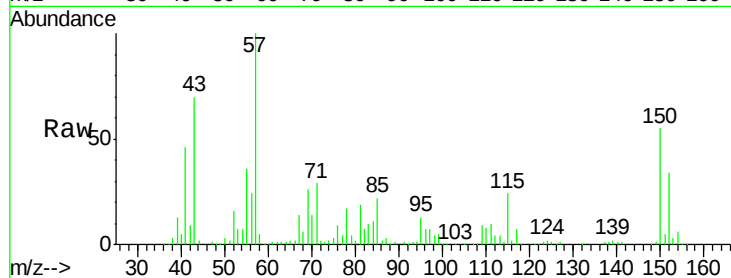
ClientSampled :

SP-001(0-2)

Tot Ion:	152	Resp:	147655
Ion Ratio	Lower	Upper	
152	100		
150	158.3	123.0	184.4
115	69.2	51.4	77.2

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#5

2-Fluorophenol

Concen: 122.40 ng

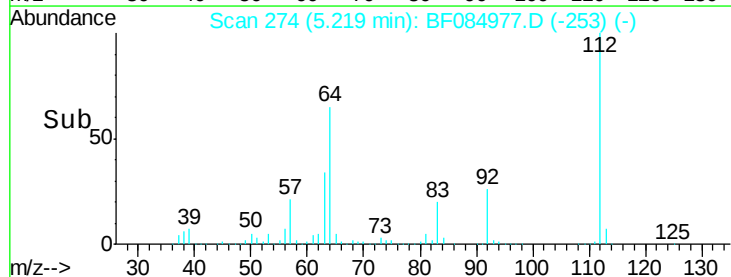
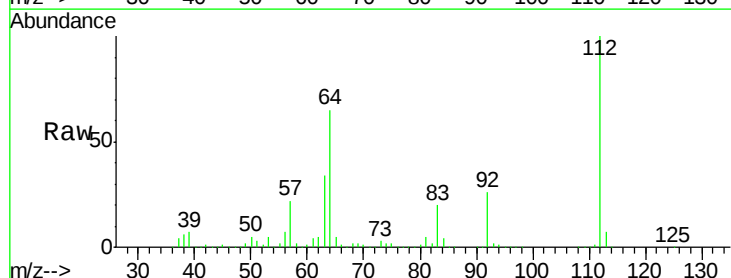
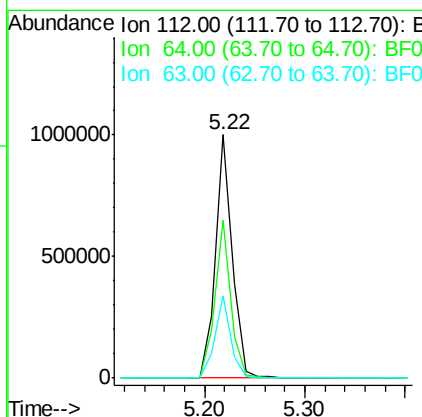
RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Tgt Ion:	112	Resp:	1160309
Ion Ratio	Lower	Upper	
112	100		
64	64.9	36.6	55.0#
63	33.9	19.4	29.0#





#7

Phenol-d6

Concen: 116.24 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

Tot Ion: 99 Resp: 1366052

Ion Ratio Lower Upper

99 100

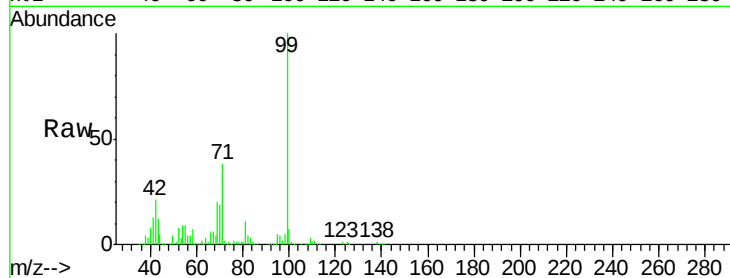
42 21.1 12.8 19.2#

71 38.3 30.9 46.3

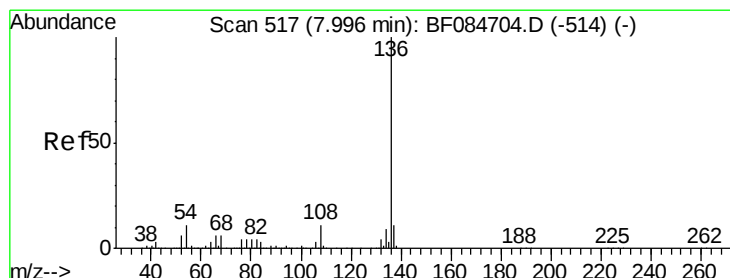
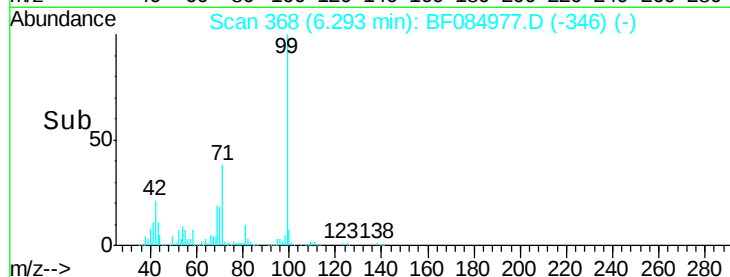
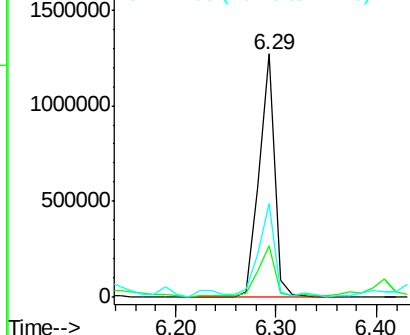
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Tgt Ion: 136 Resp: 473519

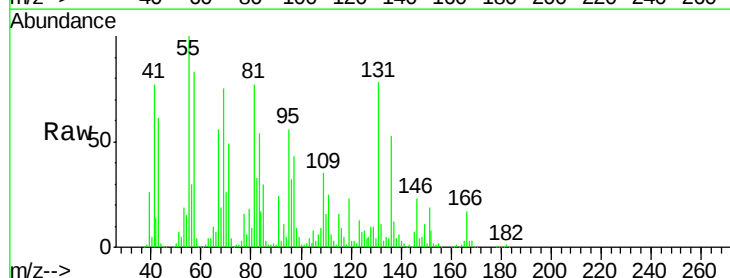
Ion Ratio Lower Upper

136 100

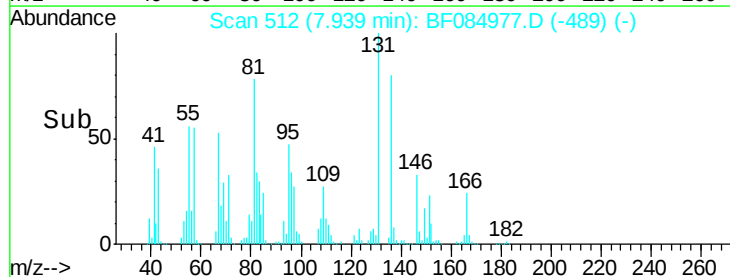
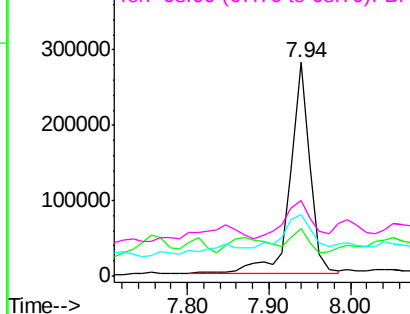
137 22.3 8.7 13.1#

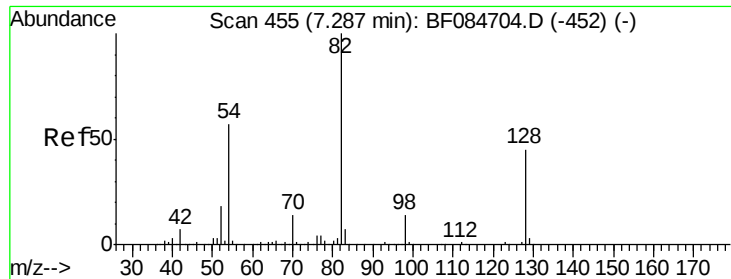
54 28.9 5.8 8.8#

68 35.5 4.2 6.2#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





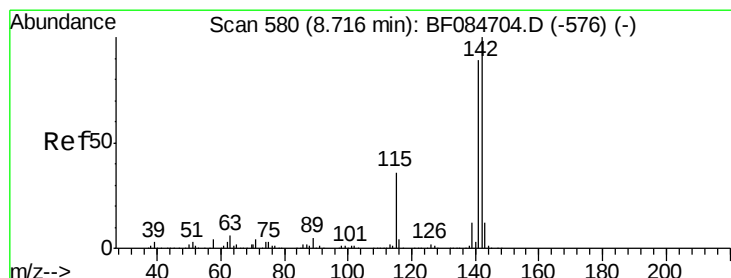
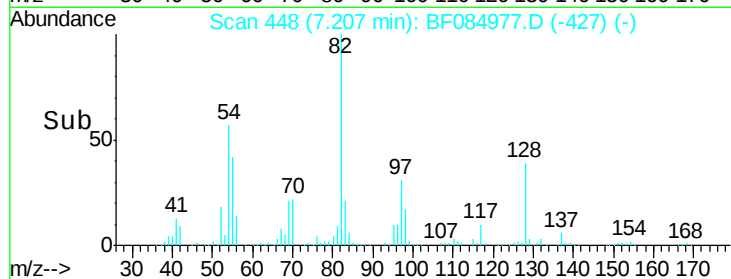
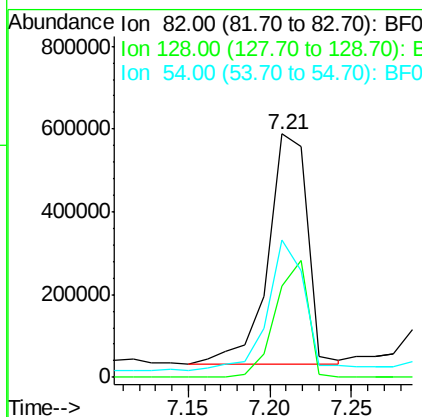
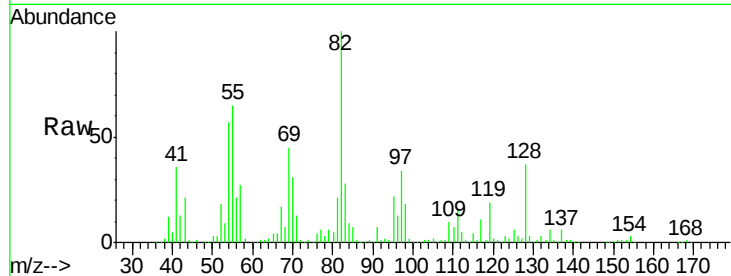
#23
Nitrobenzene-d5
Concen: 110.50 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF084977.D
Acq: 10 Feb 2016 2:54

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.5	34.6	51.8	
54	56.6	38.4	57.6	

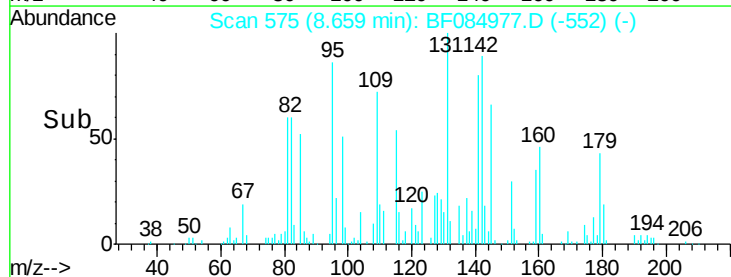
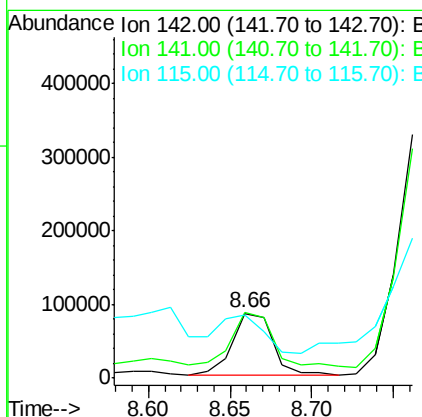
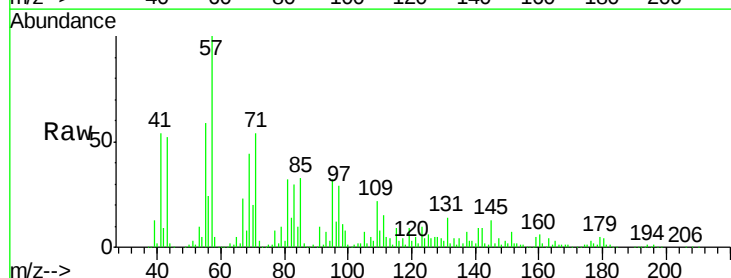
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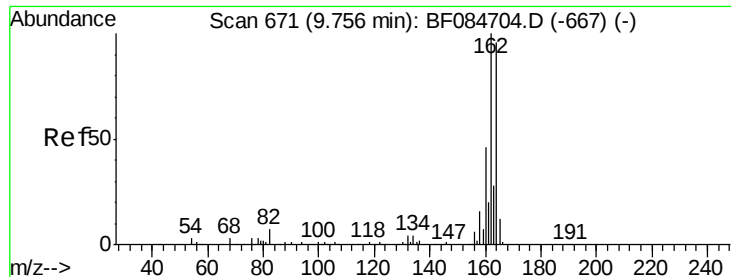
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#37
2-Methylnaphthalene
Concen: 9.78 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084977.D
Acq: 10 Feb 2016 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	101.8	72.4	108.6	
115	98.0	27.9	41.9#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Instrument :

BNA_F

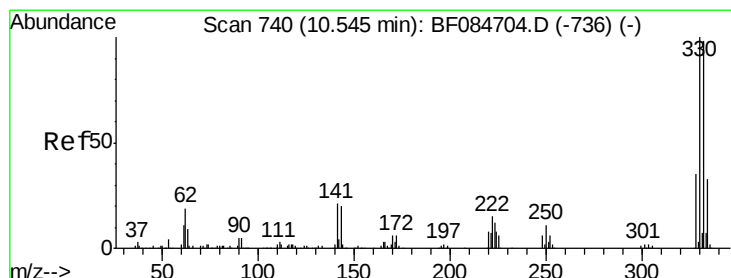
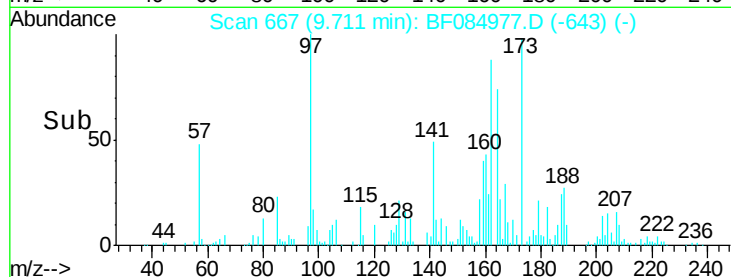
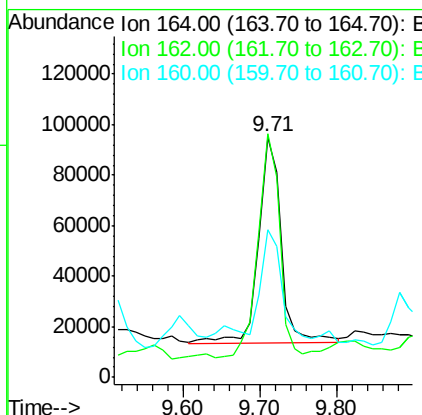
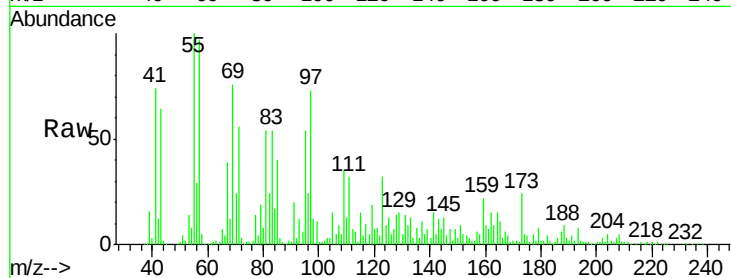
ClientSampleId :

SP-001(0-2)

Tot Ion:	164	Resp:	164951
Ion Ratio	Lower	Upper	
164	100		
162	101.3	85.1	127.7
160	61.4	37.5	56.3#

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#41

2,4,6-Tribromophenol

Concen: 136.14 ng

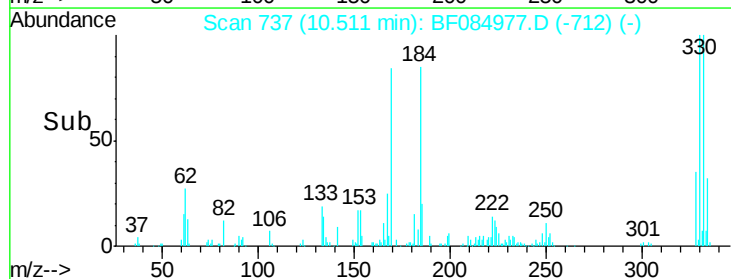
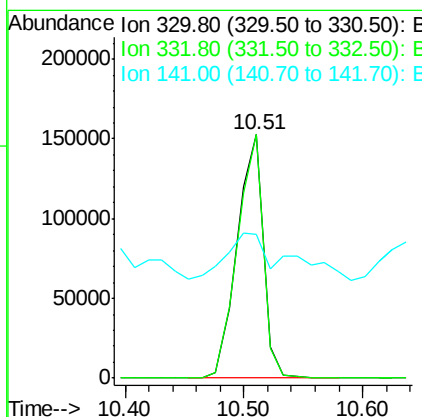
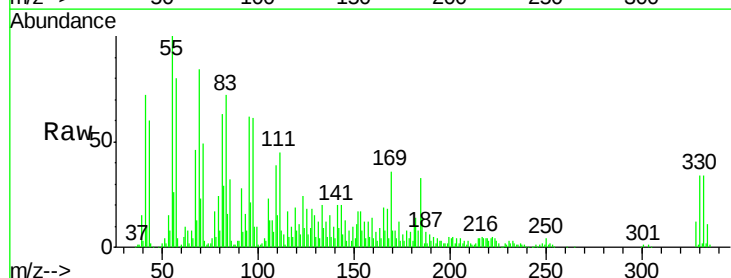
RT: 10.51 min Scan# 737

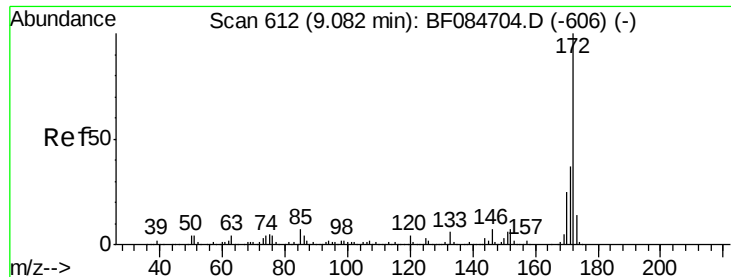
Delta R.T. -0.01 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Tgt Ion:	330	Resp:	234235
Ion Ratio	Lower	Upper	
330	100		
332	99.0	76.6	114.8
141	31.4	27.8	41.6





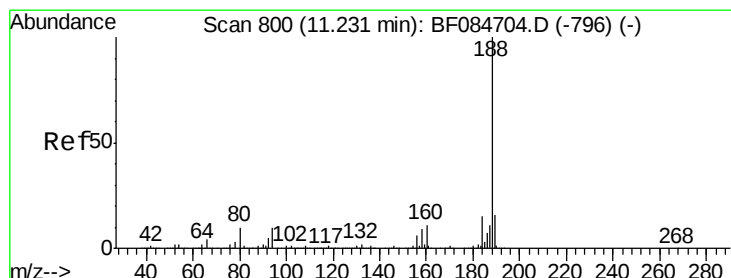
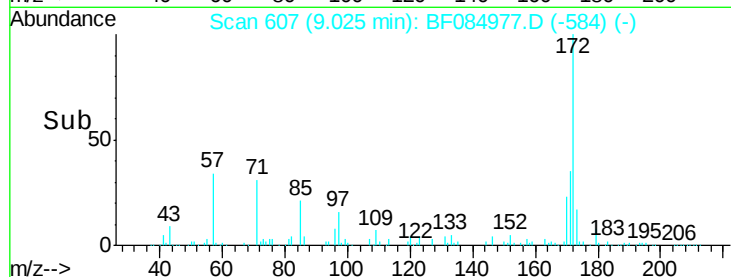
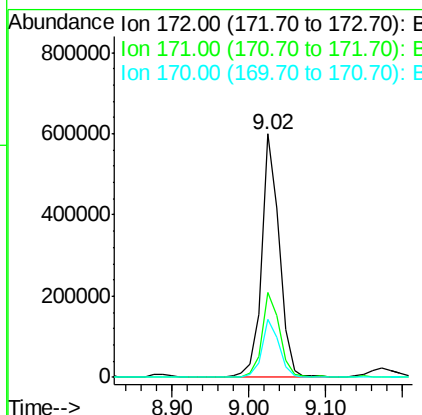
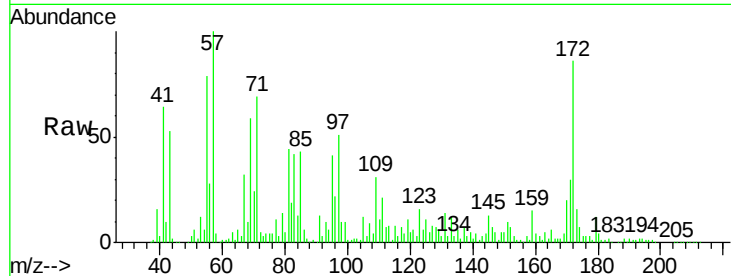
#44
2-Fluorobiphenyl
Concen: 103.29 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084977.D
Acq: 10 Feb 2016 2:54

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.7	18.6	27.8

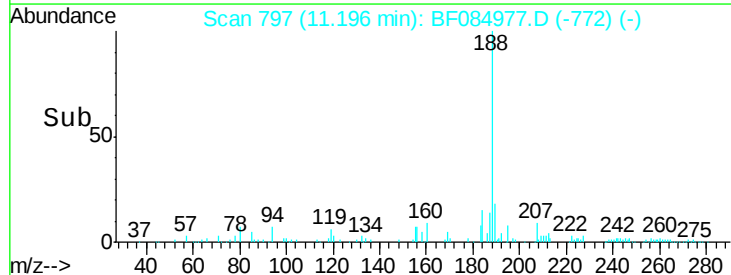
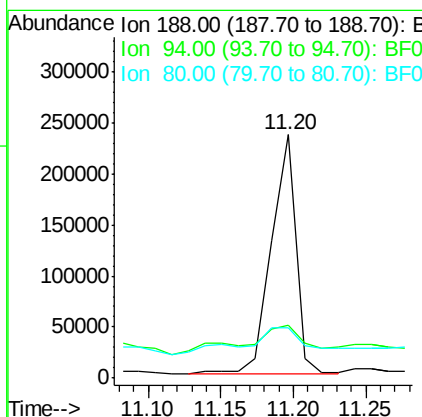
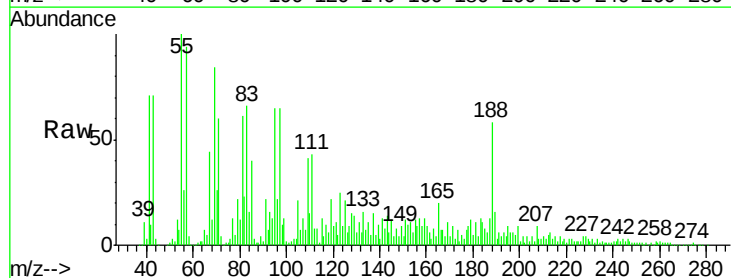
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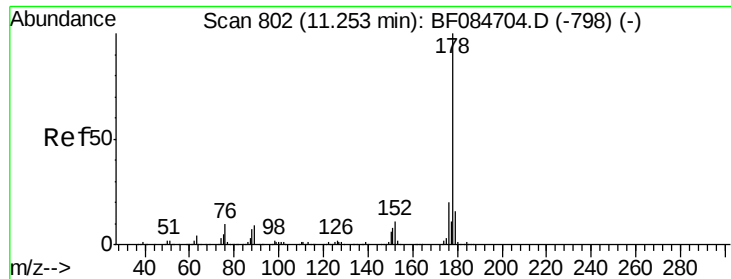
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084977.D
Acq: 10 Feb 2016 2:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	21.8	9.0	13.4#
80	20.8	9.6	14.4#





#70

Phenanthrene

Concen: 18.39 ng m

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Instrument :

BNA_F

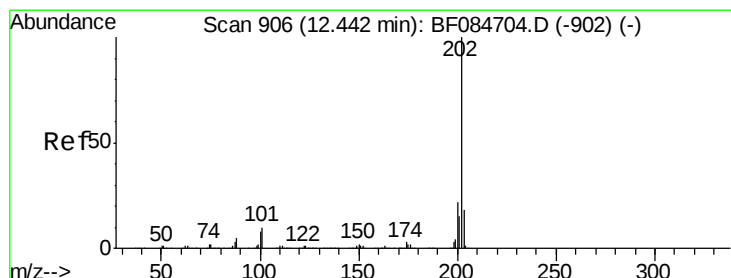
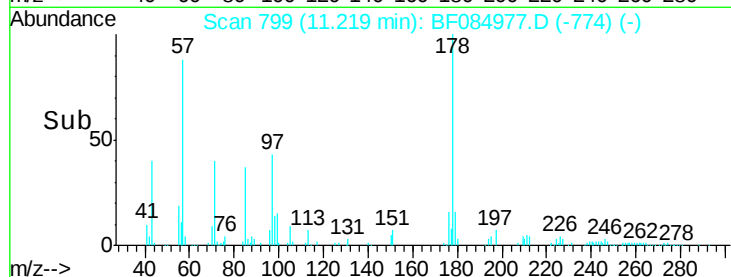
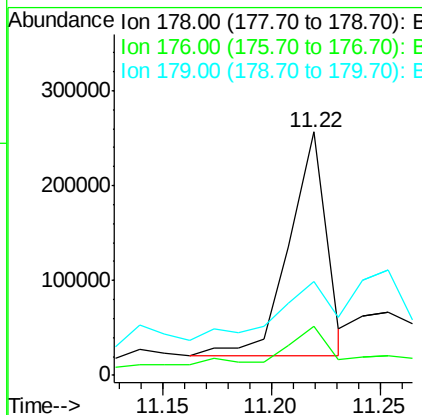
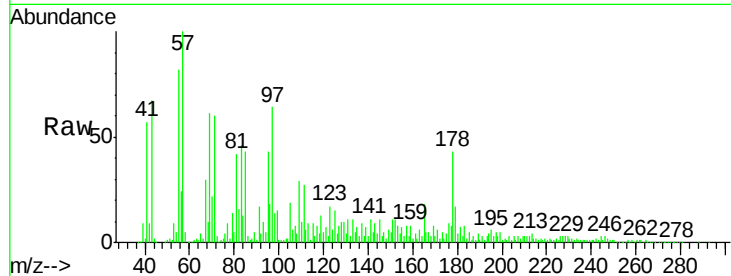
ClientSampleId :

SP-001(0-2)

Tot Ion:	178	Resp:	284142
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.3	22.9
179	38.7	12.0	18.0#

Manual Integrations
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#74

Fluoranthene

Concen: 2.72 ng m

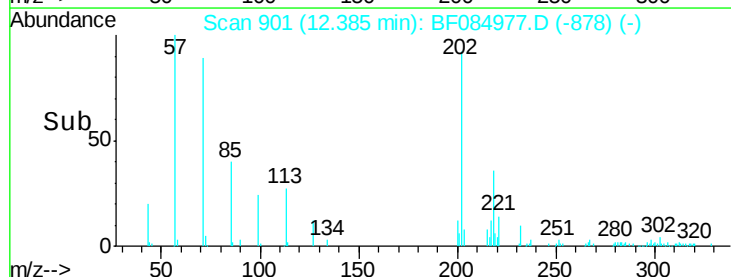
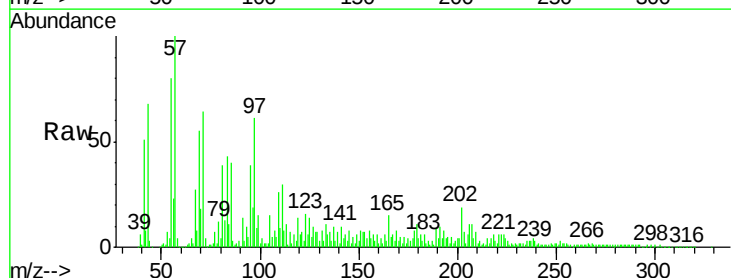
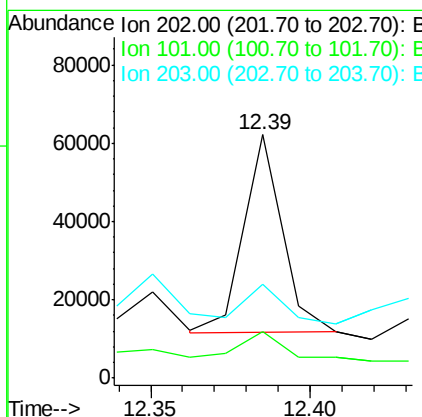
RT: 12.39 min Scan# 901

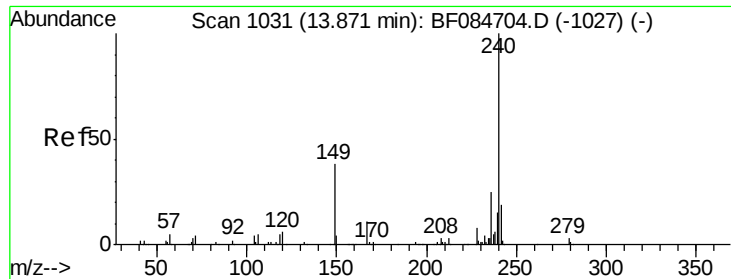
Delta R.T. -0.03 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Tgt Ion:	202	Resp:	42596
Ion Ratio	Lower	Upper	
202	100		
101	19.2	0.0	32.8
203	38.5	0.0	37.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Instrument :

BNA_F

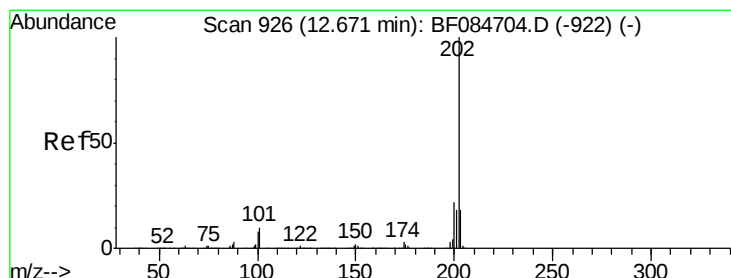
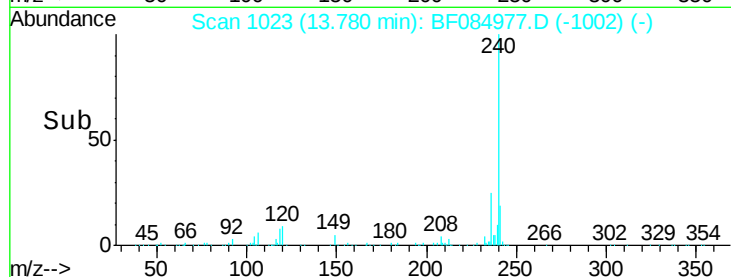
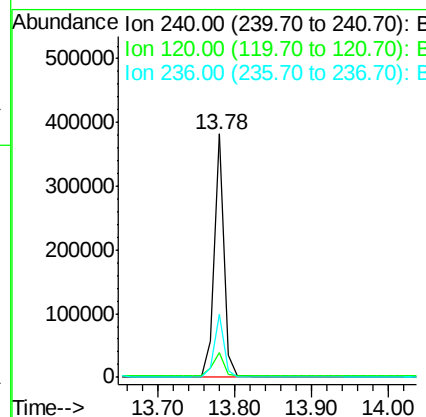
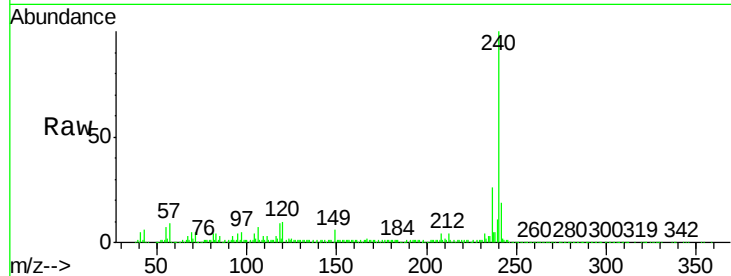
ClientSampleId :

SP-001(0-2)

Tot Ion:	240	Resp:	329511
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	25.7	20.6	31.0

Manual Integrations
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#77

Pyrene

Concen: 5.28 ng m

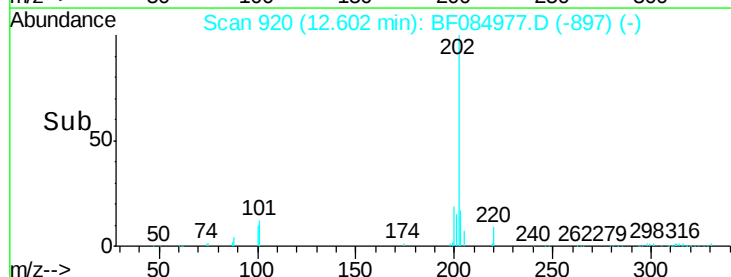
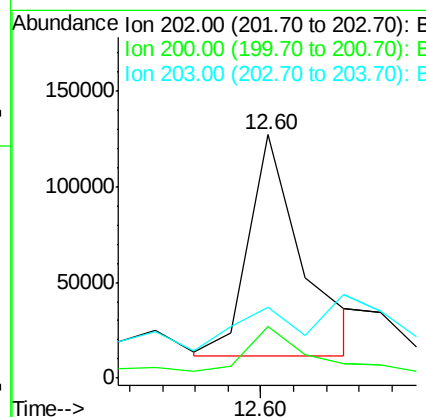
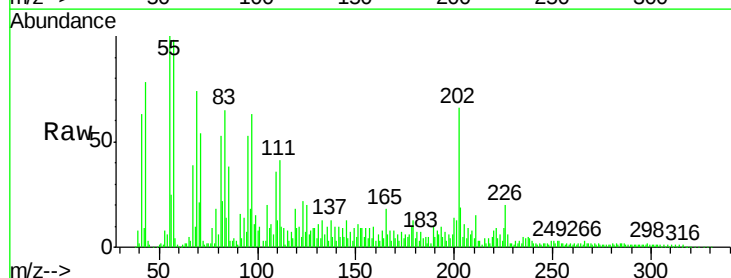
RT: 12.60 min Scan# 920

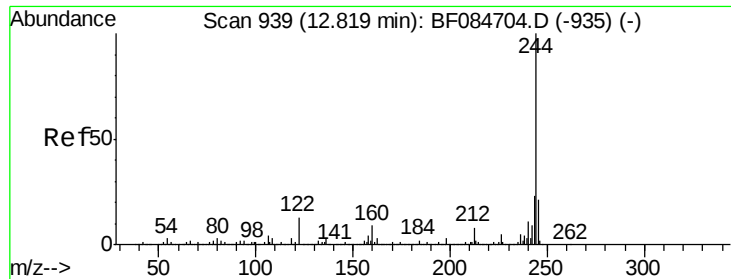
Delta R.T. -0.03 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Tgt Ion:	202	Resp:	133228
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.2	25.8
203	29.0	14.3	21.5#





#78

Terphenyl-d14

Concen: 56.10 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Instrument :

BNA_F

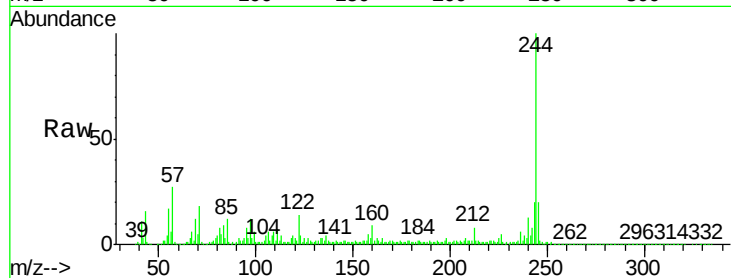
ClientSampleId :

SP-001(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	14.1	7.4	11.0

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:11 PM



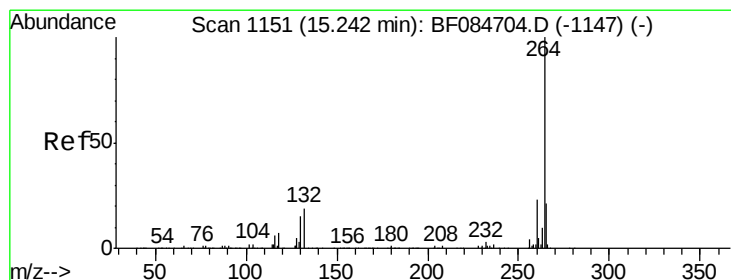
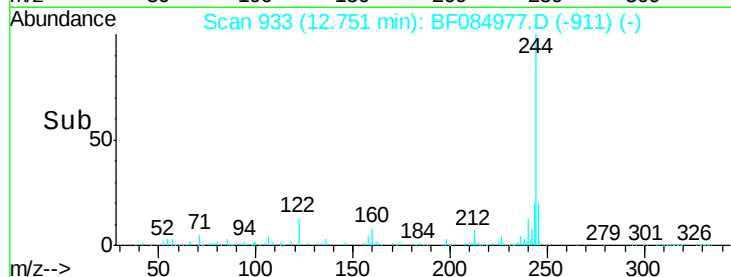
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.75

Time-->



#86

Perylene-d12

Concen: 20.00 ng

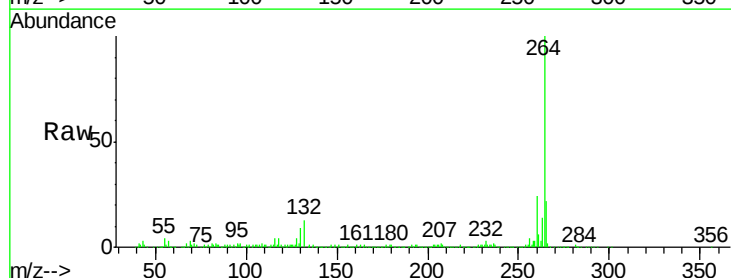
RT: 15.14 min Scan# 1142

Delta R.T. -0.07 min

Lab File: BF084977.D

Acq: 10 Feb 2016 2:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	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

15.14

Time-->

