

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085684.D
 Acq On : 23 Mar 2016 4:08
 Operator : UM/SJ
 Sample : H1886-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Manual Integrations
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Sohil
 3/23/2016 1:30:16 PM

Quant Time: Mar 23 04:33:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135804	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	572495	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	264895	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	510393	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	307957	20.00	ng	-0.03
86) Perylene-d12	15.40	264	252074	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1127795	139.49	ng	-0.01
7) Phenol-d6	6.47	99	1397882	134.80	ng	-0.02
23) Nitrobenzene-d5	7.40	82	938731	95.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	459239	176.98	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1509319	102.42	ng	-0.03
78) Terphenyl-d14	12.94	244	1373398	107.32	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.59	163	304898	15.25	ng	98
74) Fluoranthene	12.56	202	82556	2.93	ng	90
77) Pyrene	12.79	202	79669	3.60	ng	99
87) Benzo(b)fluoranthene	15.00	252	36202m	2.20	ng	
91) Benzo(g,h,i)perylene	17.19	276	28581	2.54	ng	98

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

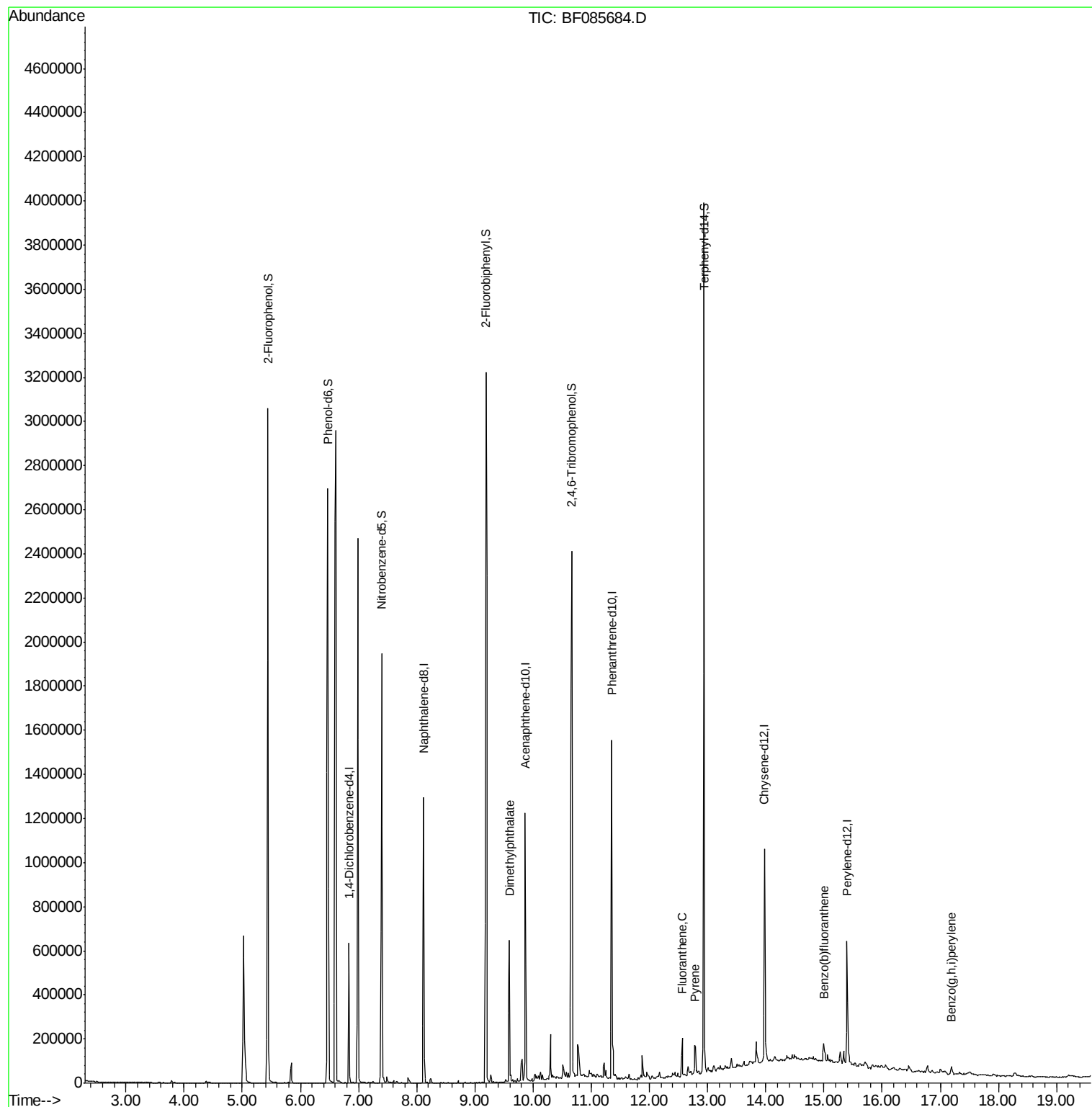
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085684.D
Acq On : 23 Mar 2016 4:08
Operator : UM/SJ
Sample : H1886-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

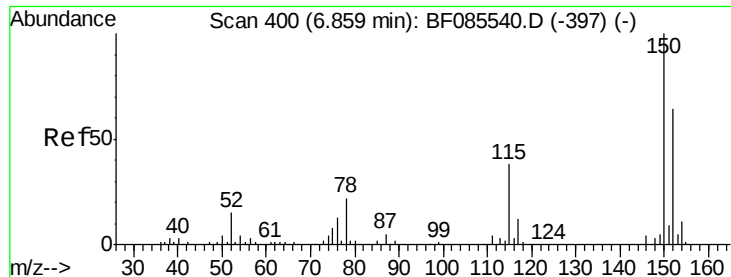
Instrument :
BNA_F
ClientSampleId :
SP-4

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Quant Time: Mar 23 04:33:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

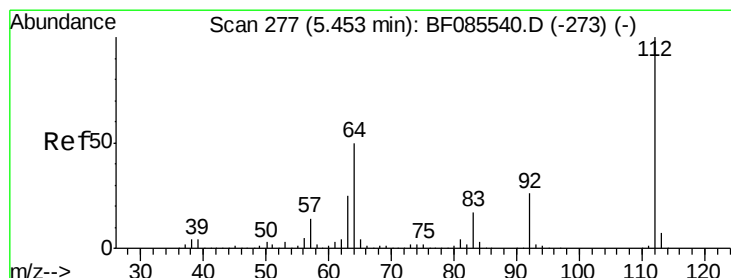
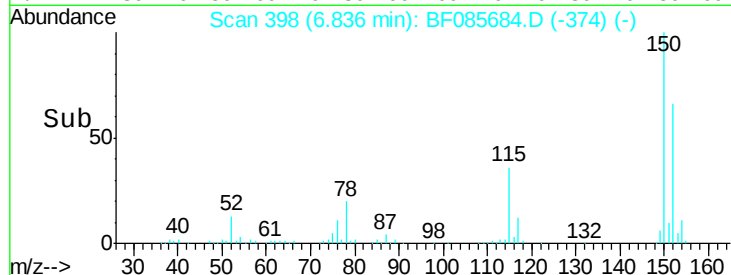
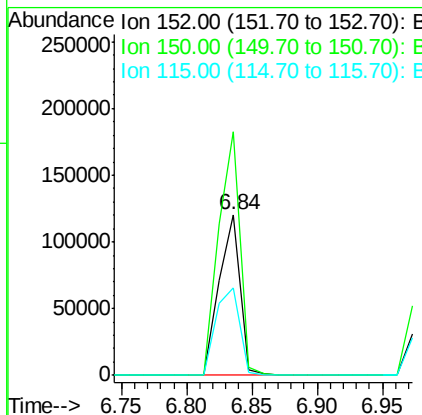
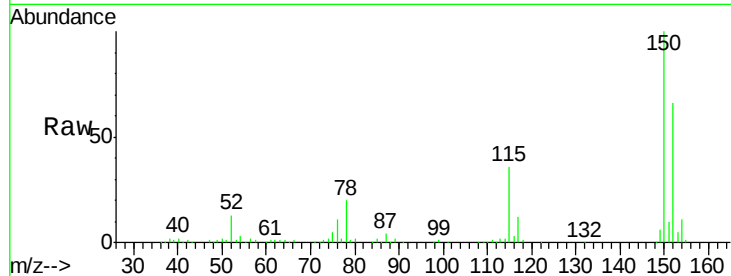
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085684.D
Acq: 23 Mar 2016 4:08

Instrument :
BNA_F
ClientSampled :
SP-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.2	186.2
115	54.3	47.0	70.6

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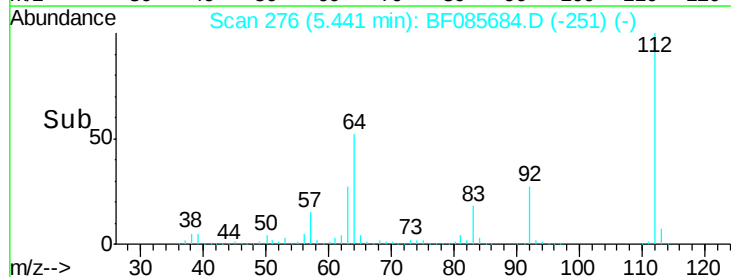
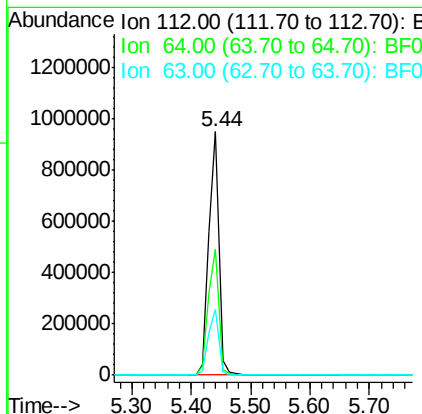
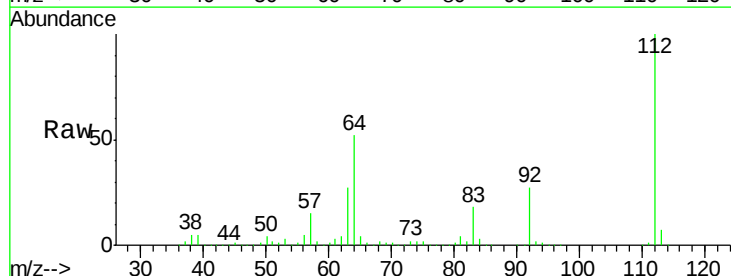
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#5

2-Fluorophenol
Concen: 139.49 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085684.D
Acq: 23 Mar 2016 4:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.9	59.9
63	26.9	20.2	30.2





#7

Phenol-d6

Concen: 134.80 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085684.D

Acq: 23 Mar 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SP-4

Tgt Ion: 99 Resp: 1397882

Ion Ratio Lower Upper

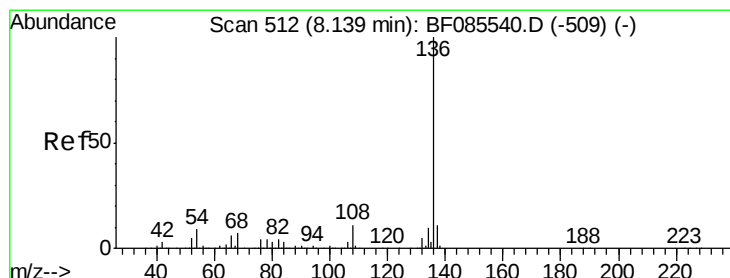
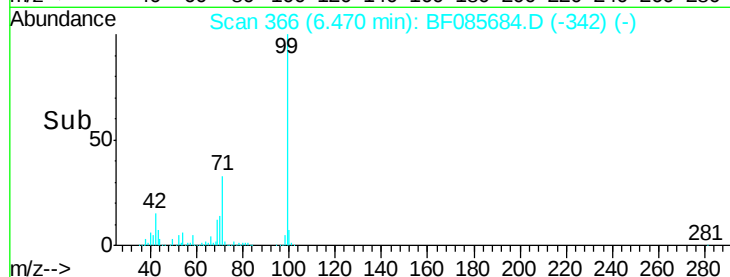
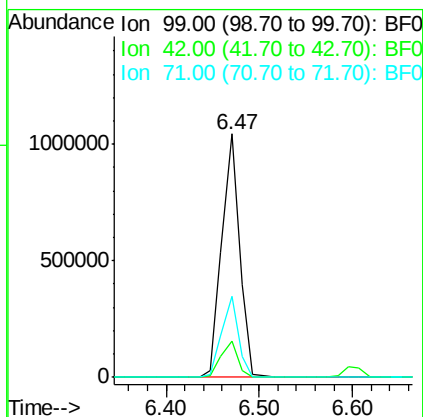
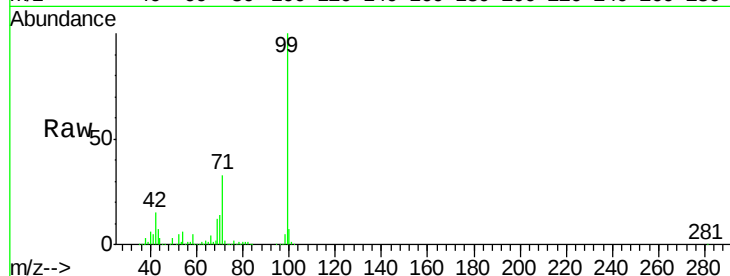
99 100

42 14.7 11.1 16.7

71 33.1 24.9 37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085684.D

Acq: 23 Mar 2016 4:08

Tgt Ion: 136 Resp: 572495

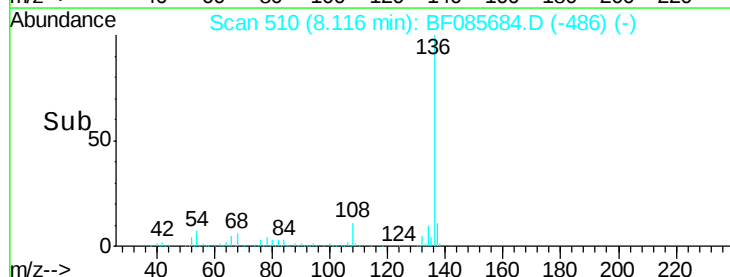
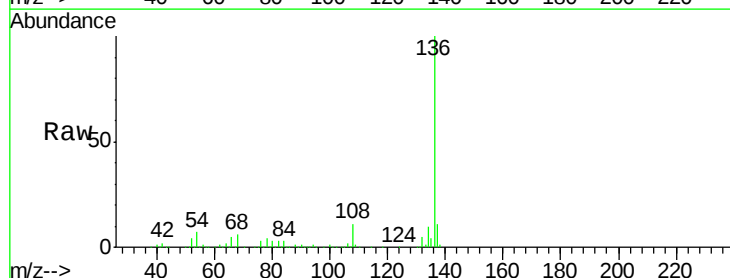
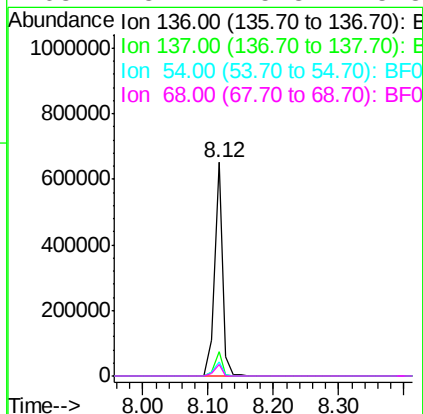
Ion Ratio Lower Upper

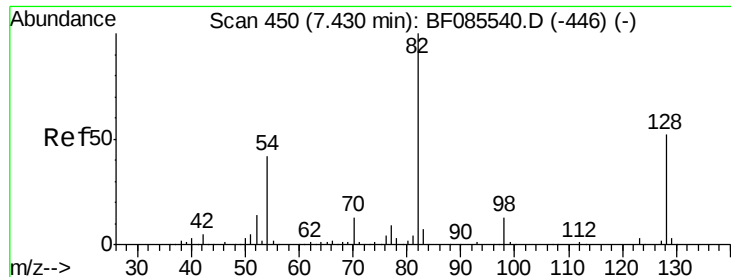
136 100

137 11.2 9.1 13.7

54 6.9 7.4 11.0#

68 5.7 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 95.18 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085684.D

Acq: 23 Mar 2016 4:08

Instrument :

BNA_F

ClientSampled :

SP-4

Tgt Ion: 82 Resp: 938731
Ion Ratio Lower Upper

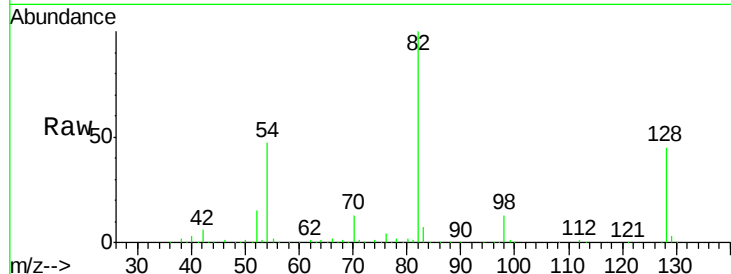
82 100

128 44.6 41.8 62.8

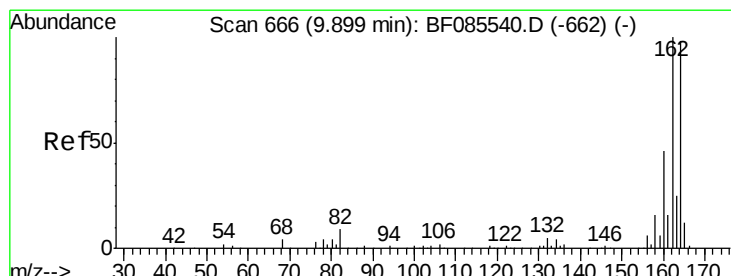
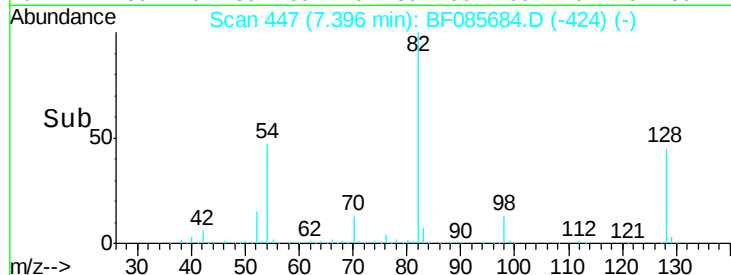
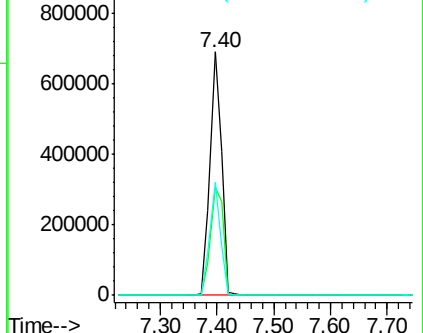
54 46.5 33.4 50.0

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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: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085684.D

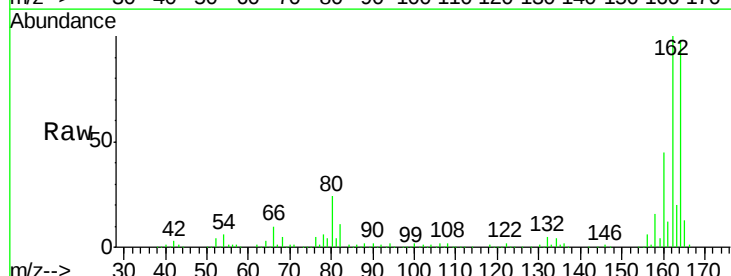
Acq: 23 Mar 2016 4:08

Tgt Ion: 164 Resp: 264895
Ion Ratio Lower Upper

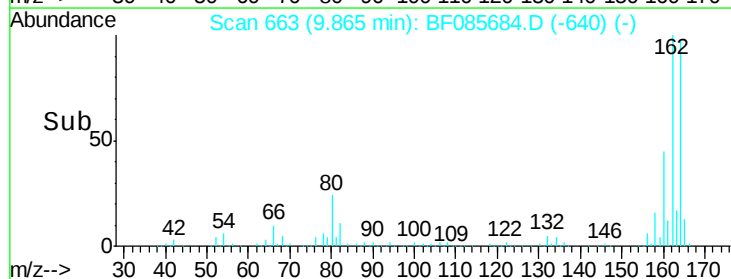
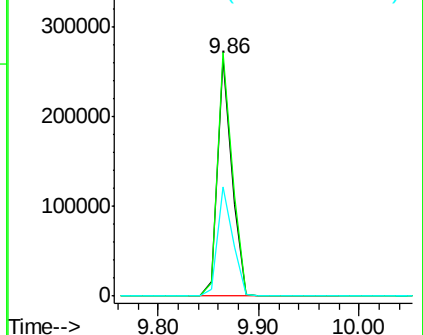
164 100

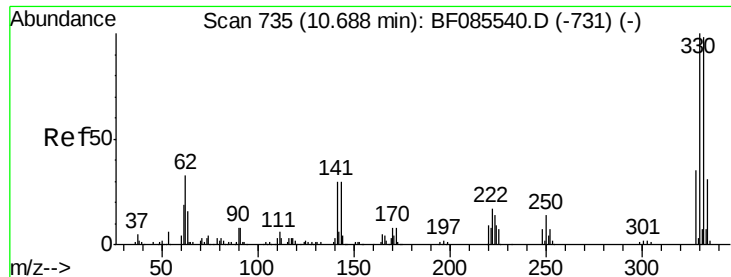
162 102.4 82.1 123.1

160 45.9 37.4 56.2



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





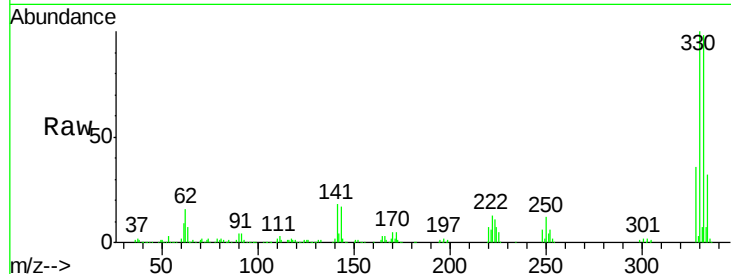
#41
 2,4,6-Tribromophenol
 Concen: 176.98 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085684.D
 Acq: 23 Mar 2016 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

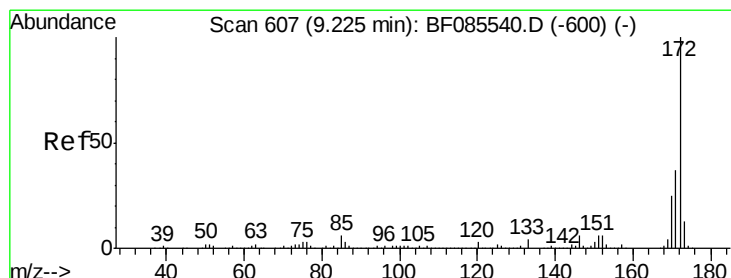
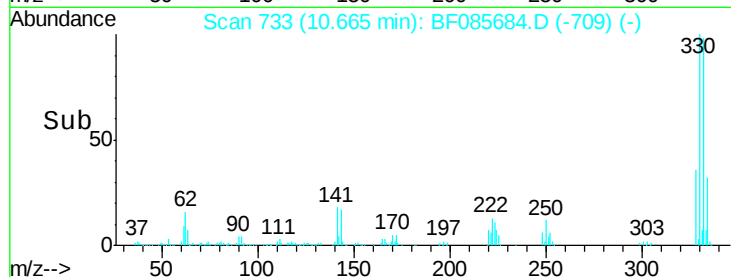
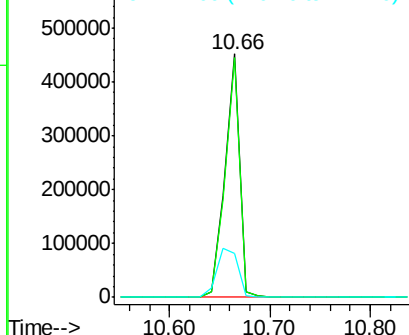
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	459239		
332	97.9	78.2	117.2	
141	29.7	31.5	47.3#	

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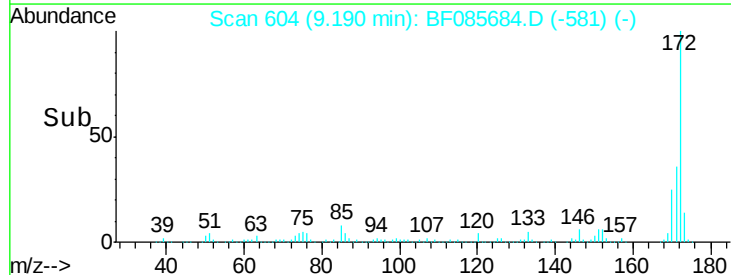
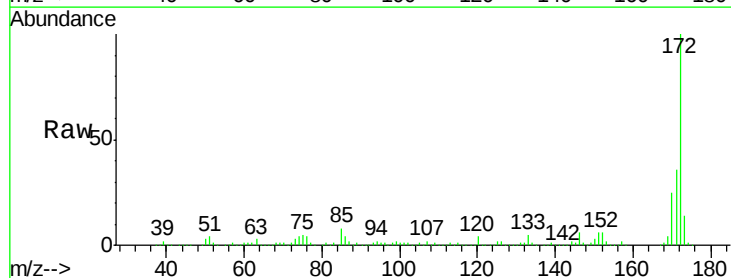
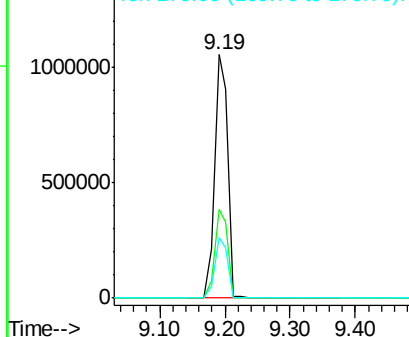
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

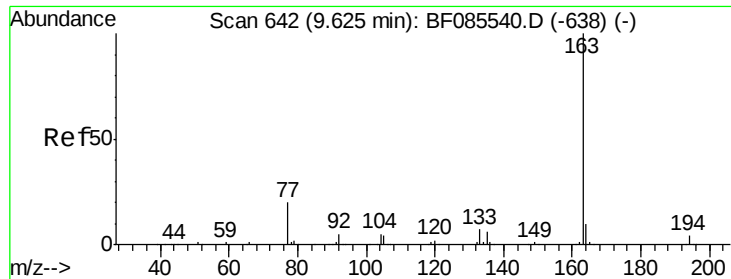


#44
 2-Fluorobiphenyl
 Concen: 102.42 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085684.D
 Acq: 23 Mar 2016 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1509319		
171	36.5	29.4	44.2	
170	24.8	19.8	29.6	

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





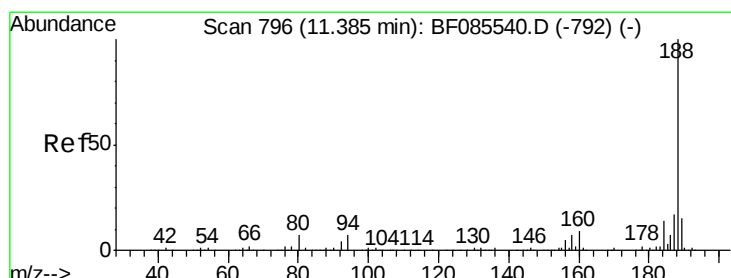
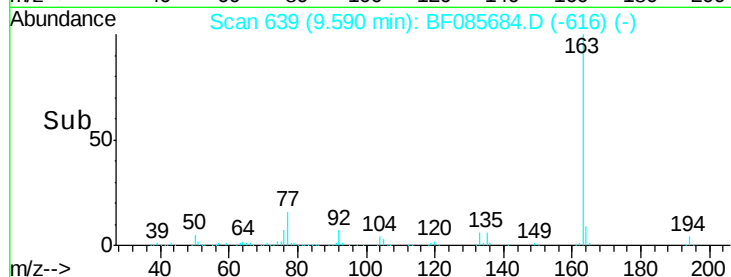
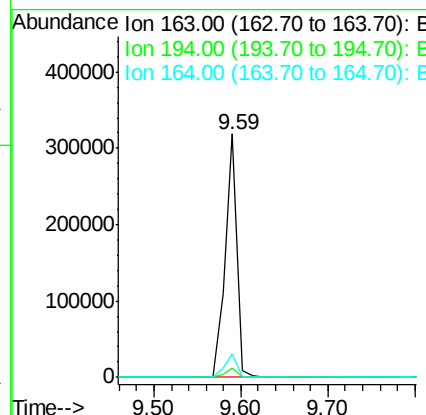
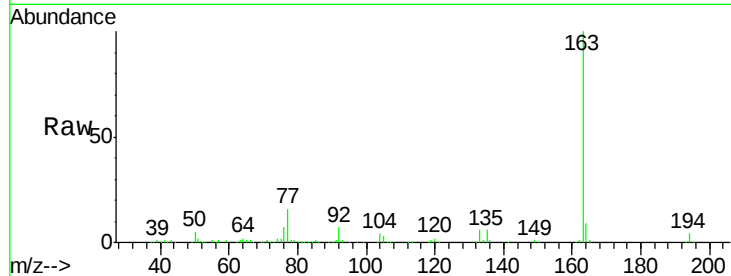
#49
Dimethylphthalate
Concen: 15.25 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF085684.D
Acq: 23 Mar 2016 4:08

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.9	4.3
164	9.4	8.3	12.5

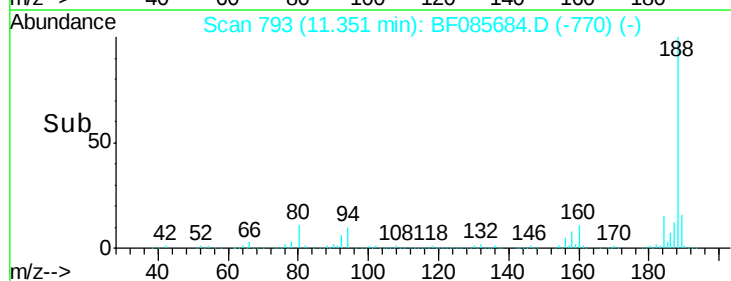
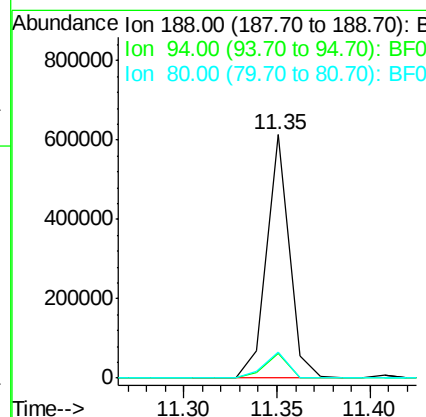
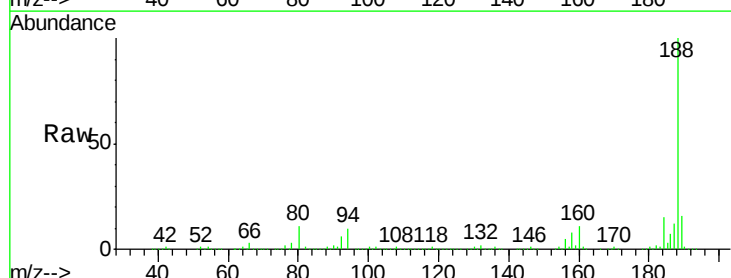
Manual Integrations
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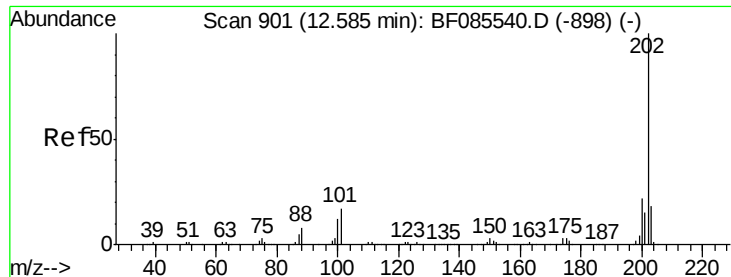
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085684.D
Acq: 23 Mar 2016 4:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	5.4	8.0#
80	10.6	5.5	8.3#





#74

Fluoranthene

Concen: 2.93 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF085684.D

Acq: 23 Mar 2016 4:08

Instrument :

BNA_F

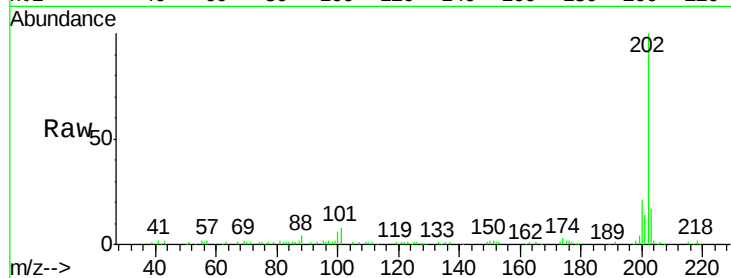
ClientSampled :

SP-4

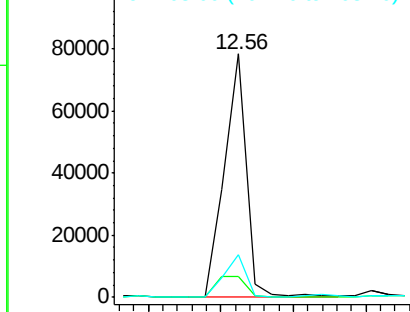
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		82556		
101	8.3	0.0	36.6		
203	17.4	0.0	38.1		

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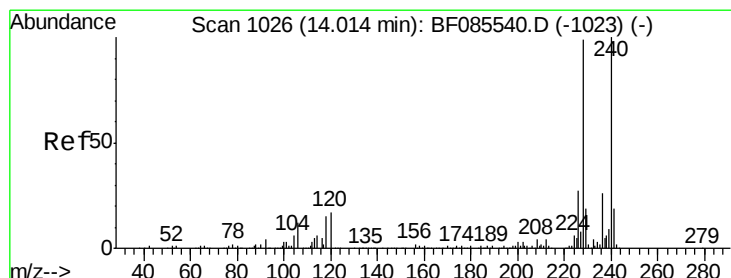
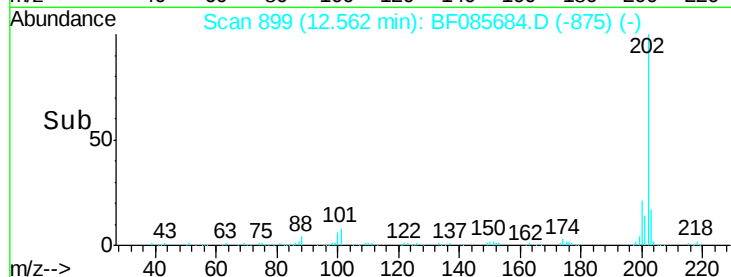
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

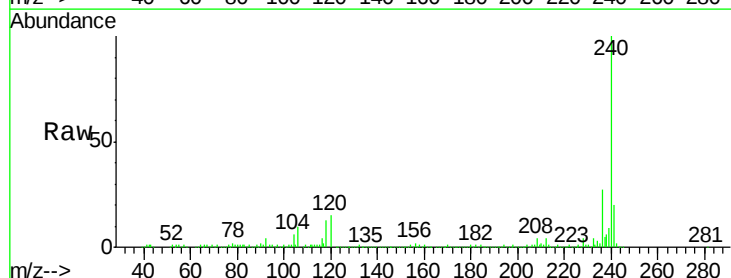
RT: 13.98 min Scan# 1023

Delta R.T. -0.03 min

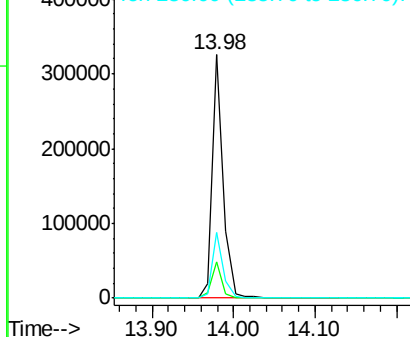
Lab File: BF085684.D

Acq: 23 Mar 2016 4:08

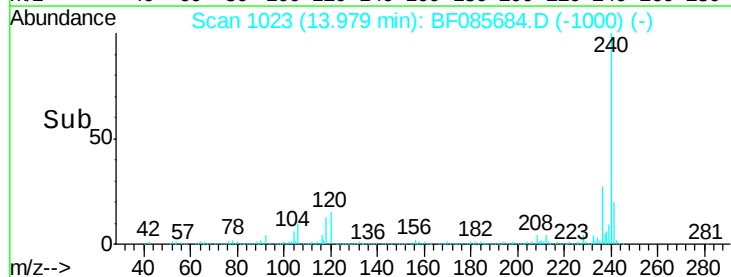
Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		307957		
120	14.7	13.8	20.8		
236	26.8	20.6	30.8		

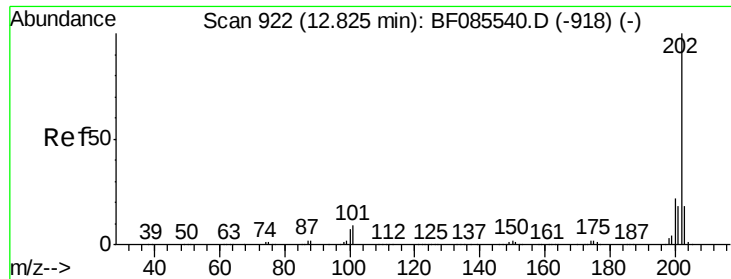


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





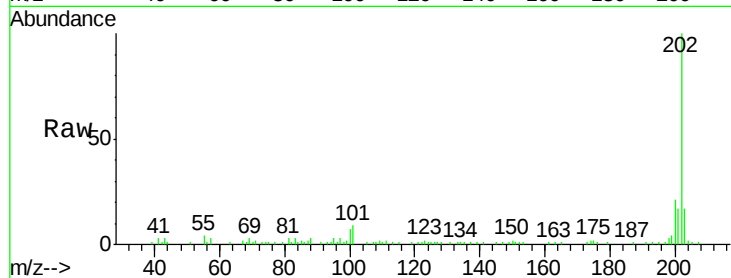
#77
Pyrene
Concen: 3.60 ng
RT: 12.79 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF085684.D
Acq: 23 Mar 2016 4:08

Instrument :
BNA_F
ClientSampleId :
SP-4

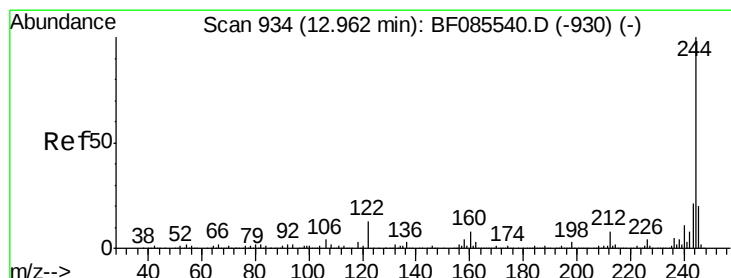
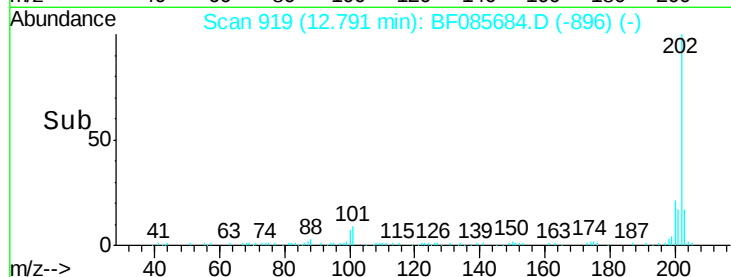
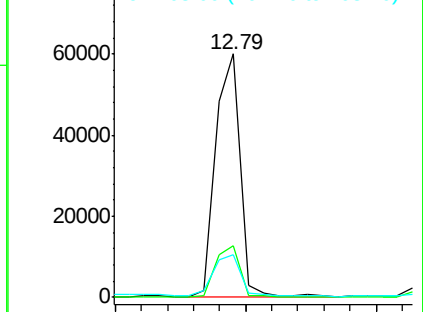
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	17.6	26.4
203	17.3	14.0	21.0

Manual Integrations
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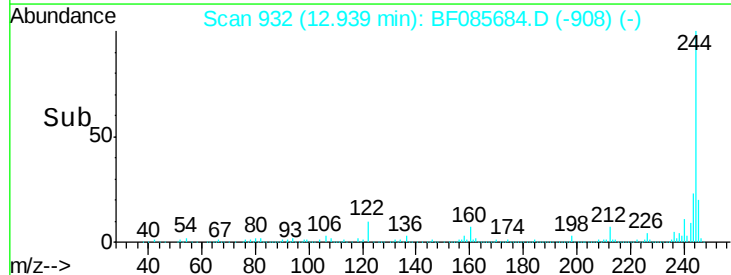
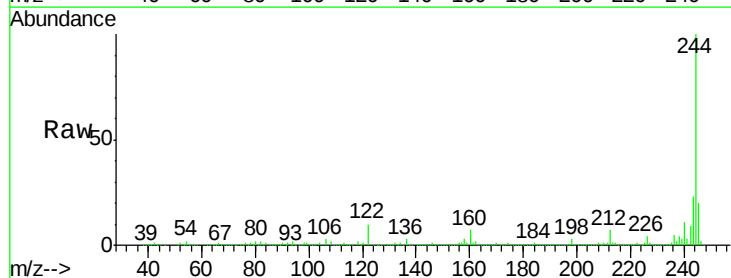
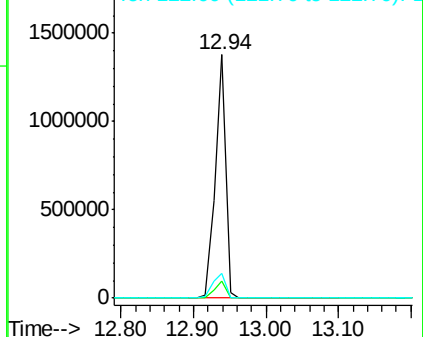
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

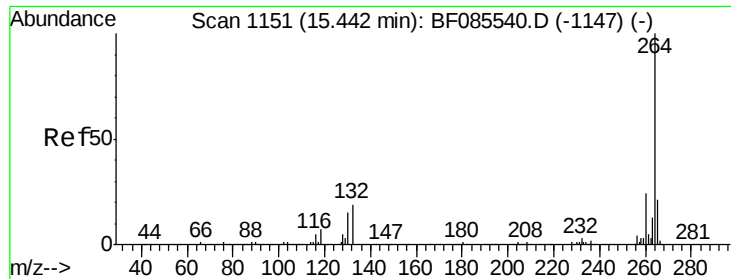


#78
Terphenyl-d14
Concen: 107.32 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF085684.D
Acq: 23 Mar 2016 4:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	6.1	9.1
122	10.0	10.2	15.4

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





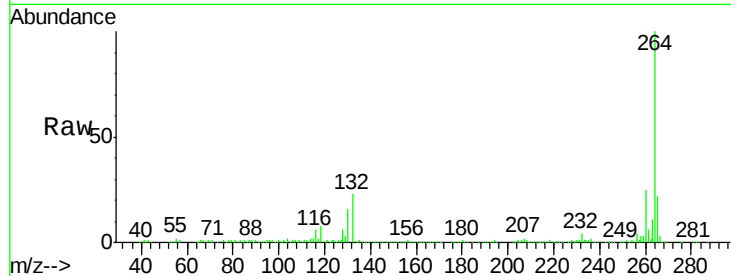
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085684.D
Acq: 23 Mar 2016 4:08

Instrument :
BNA_F
ClientSampled :
SP-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.2	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/23/2016 1:30:16 PM

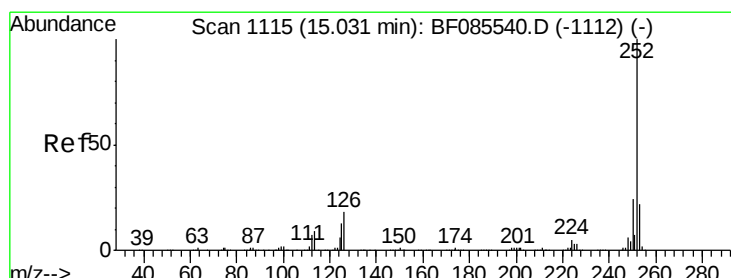
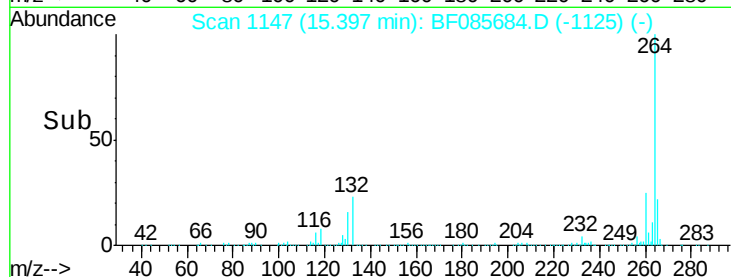
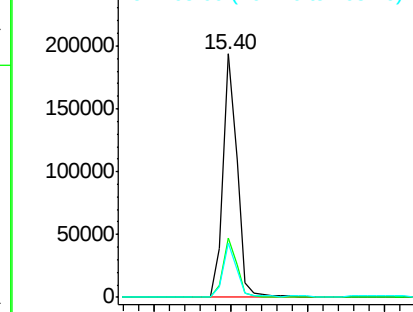


Abundance

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: 2.20 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF085684.D
Acq: 23 Mar 2016 4:08

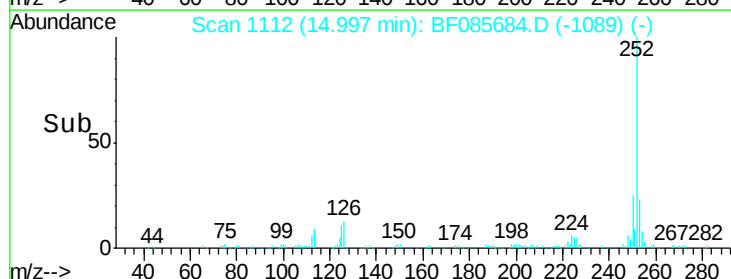
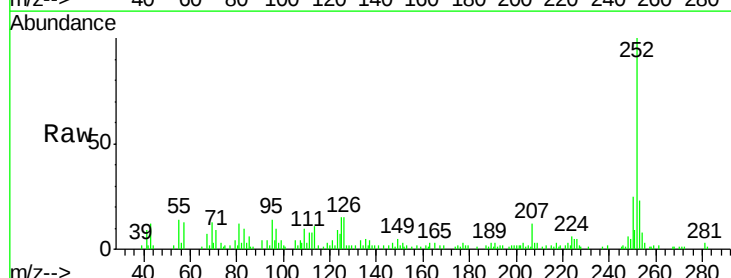
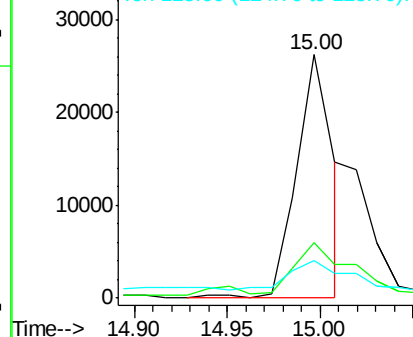
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	15.3	10.3	15.5

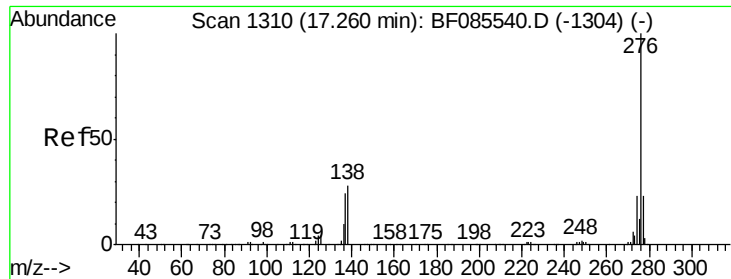
Abundance

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: 2.54 ng
 RT: 17.19 min Scan# 1304
 Delta R.T. -0.07 min
 Lab File: BF085684.D
 Acq: 23 Mar 2016 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tgt Ion:	276	Resp:	28581
Ion Ratio		Lower	Upper
276	100		
277	25.3	18.8	28.2
138	27.9	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 3/23/2016 1:30:16 PM

