

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084711.D
 Acq On : 1 Feb 2016 16:06
 Operator : SJ/IZ
 Sample : PB88012BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BL

Manual Integrations
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Quant Time: Feb 02 00:43:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169819m	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	743421	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	344670	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	681274	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	609979	20.00	ng	-0.01
86) Perylene-d12	15.24	264	443724	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1156746	106.10	ng	0.00
7) Phenol-d6	6.36	99	1517563	112.28	ng	-0.01
23) Nitrobenzene-d5	7.28	82	847044	64.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	385562	107.24	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1733983	84.56	ng	-0.01
78) Terphenyl-d14	12.82	244	1783530	66.26	ng	-0.01

Target Compounds Qvalue

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

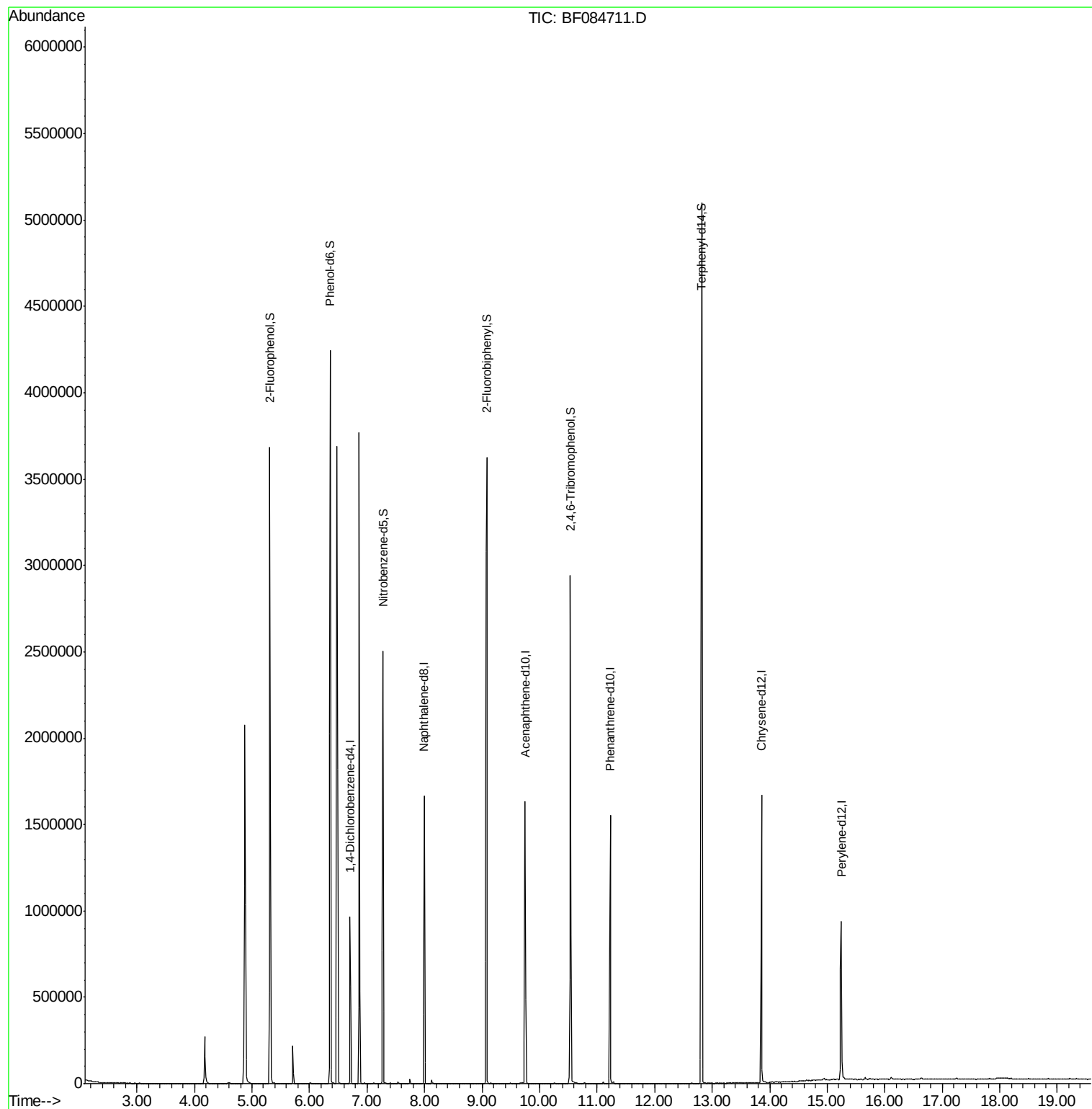
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
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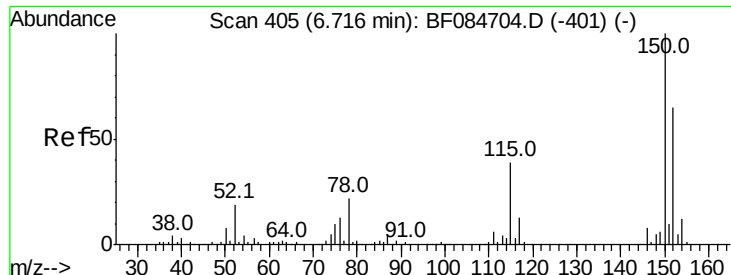
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

Instrument :

BNA_F

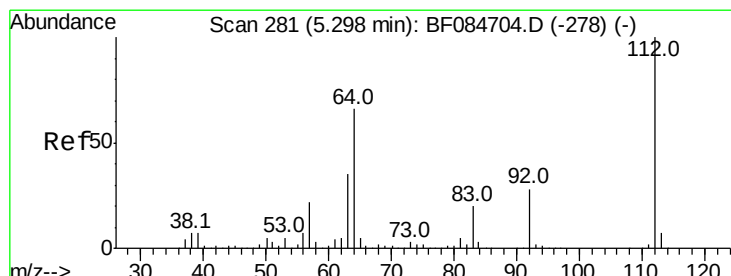
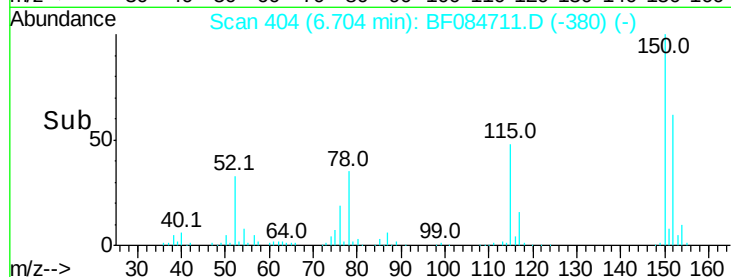
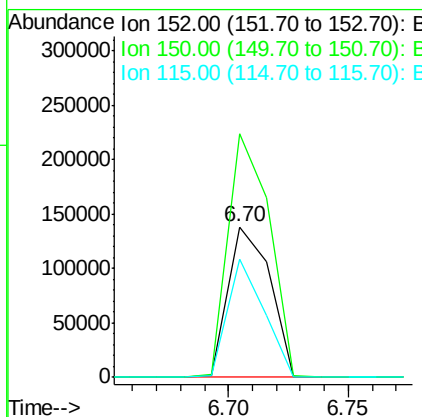
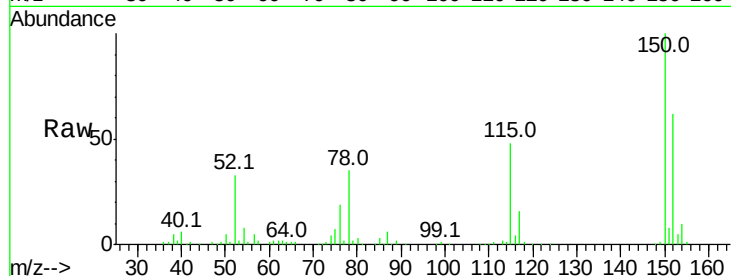
ClientSampleId :

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Tot Ion:	152	Resp:	169819
Ion Ratio	Lower	Upper	
152	100		
150	161.5	123.0	184.4
115	78.2	51.4	77.2



#5

2-Fluorophenol

Concen: 106.10 ng/mL

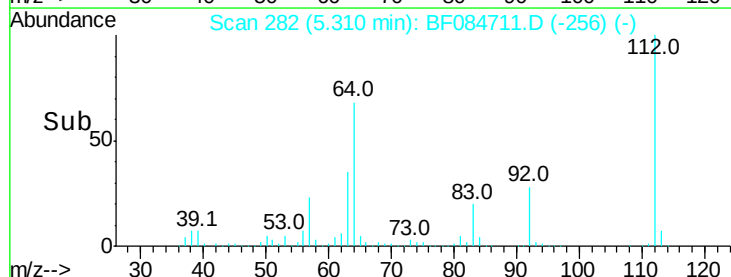
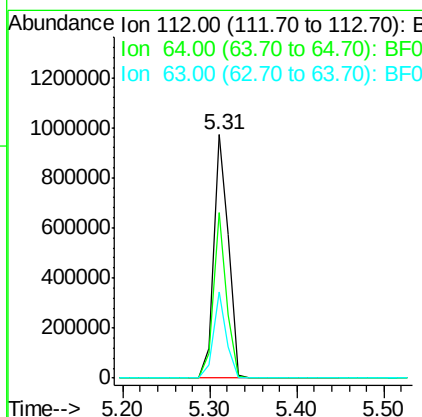
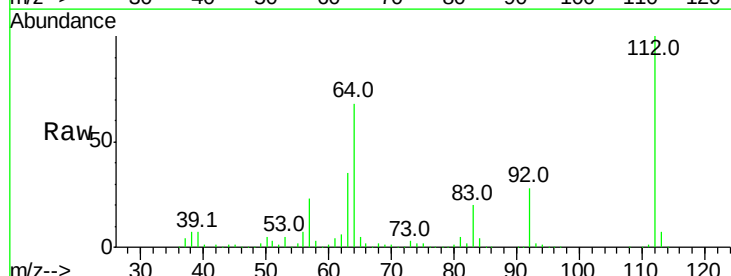
RT: 5.31 min Scan# 282

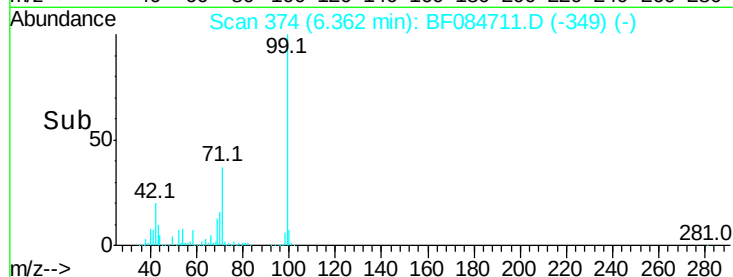
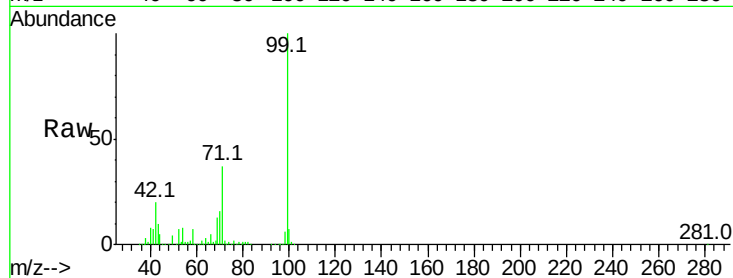
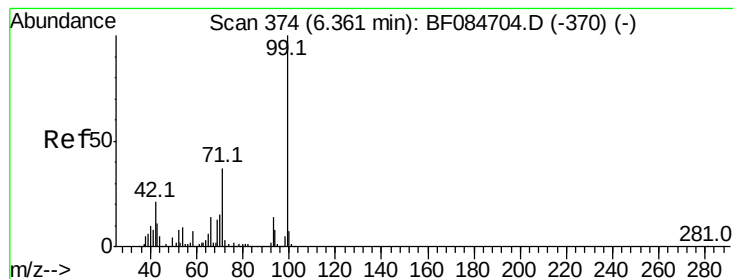
Delta R.T. 0.00 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

Tgt Ion:	112	Resp:	1156746
Ion Ratio	Lower	Upper	
112	100		
64	67.7	36.6	55.0
63	35.3	19.4	29.0





#7

Phenol-d6

Concen: 112.28 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

Tot Ion	99	Resp	1517563
Ion	Ratio	Lower	Upper
99	100		
42	19.8	12.8	19.2#
71	37.4	30.9	46.3

Instrument :

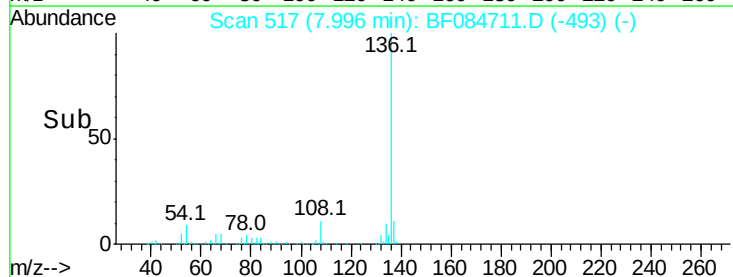
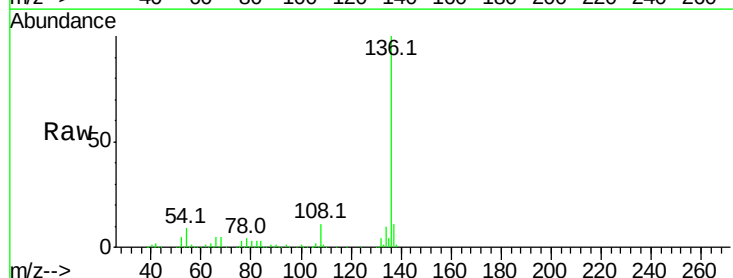
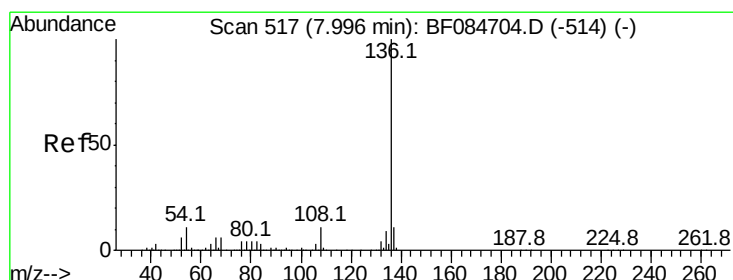
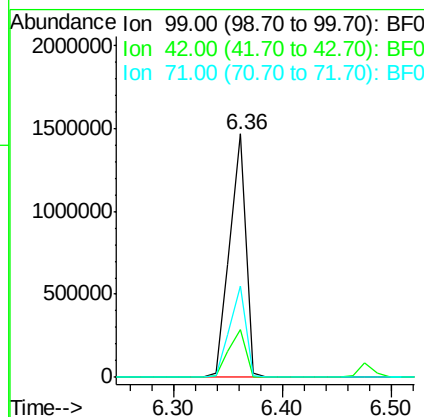
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

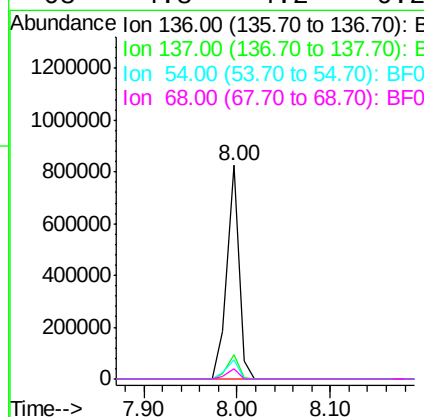
RT: 8.00 min Scan# 517

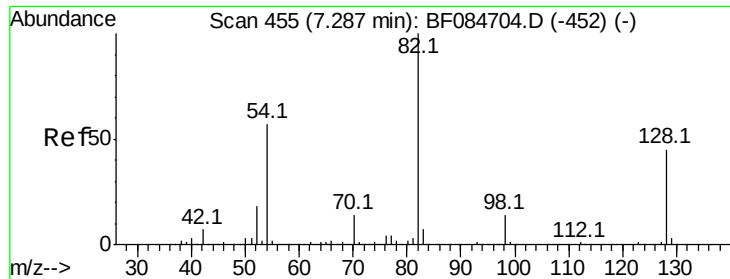
Delta R.T. -0.02 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

Tgt Ion	136	Resp	743421
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.8	5.8	8.8#
68	4.8	4.2	6.2





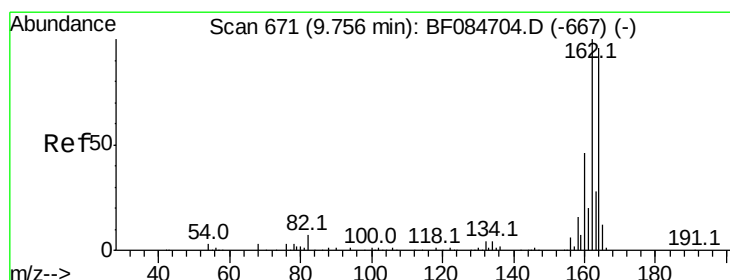
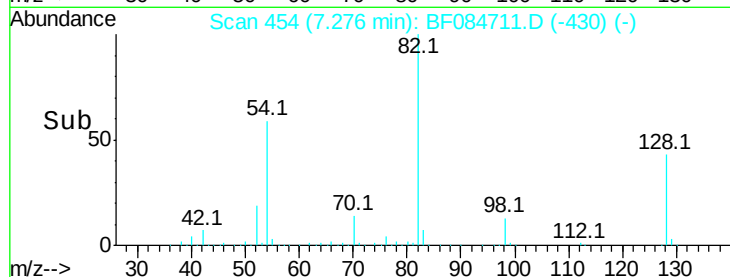
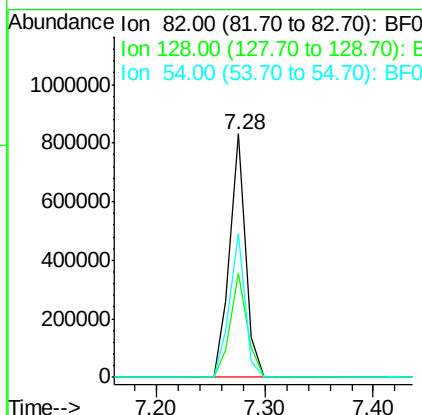
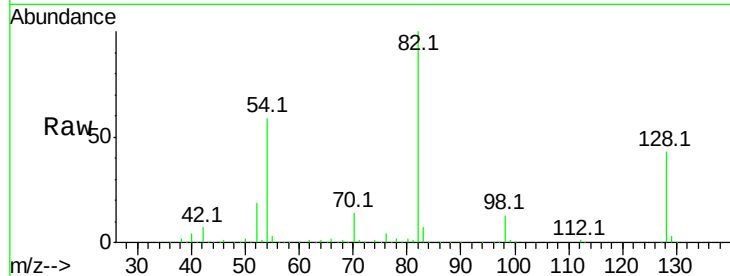
#23
 Nitrobenzene-d5
 Concen: 64.18 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084711.D
 Acq: 1 Feb 2016 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	59.1	38.4	57.6

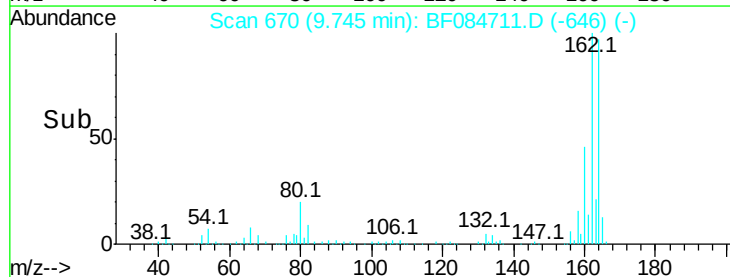
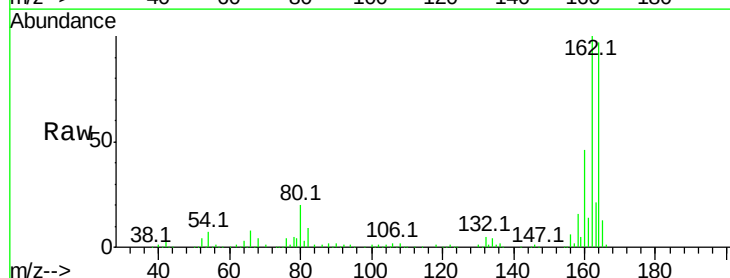
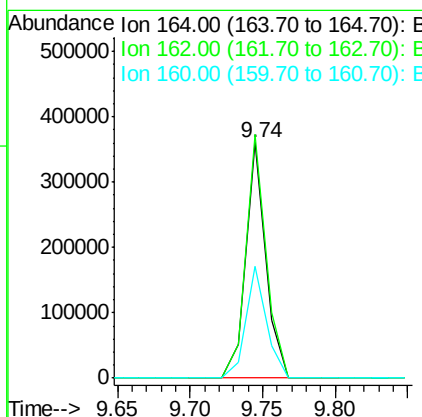
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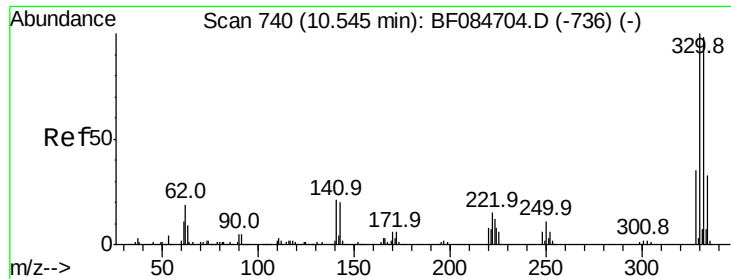
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF084711.D
 Acq: 1 Feb 2016 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.1	127.7
160	47.4	37.5	56.3





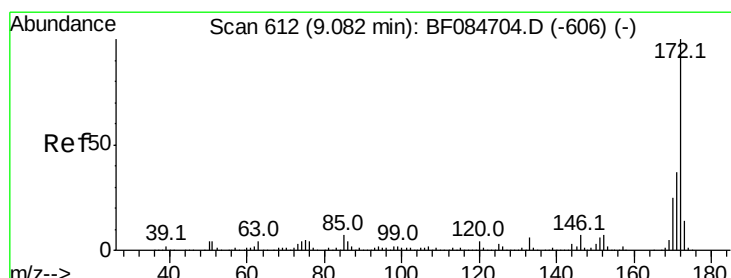
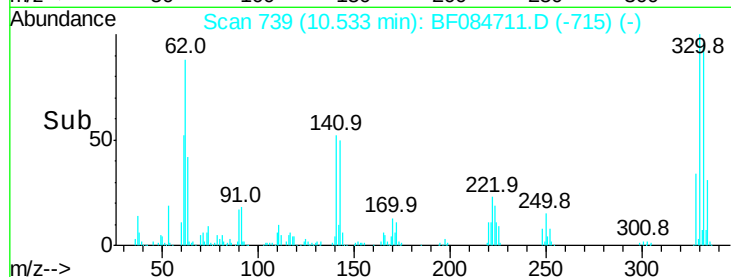
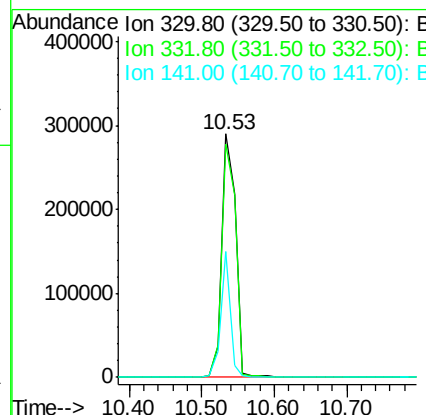
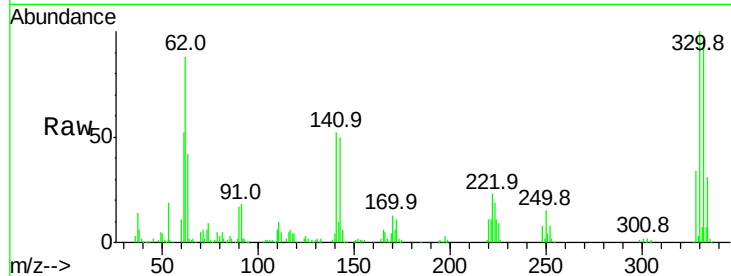
#41
 2,4,6-Tribromophenol
 Concen: 107.24 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084711.D
 Acq: 1 Feb 2016 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	385562		
332	97.6	76.6	114.8	
141	36.0	27.8	41.6	

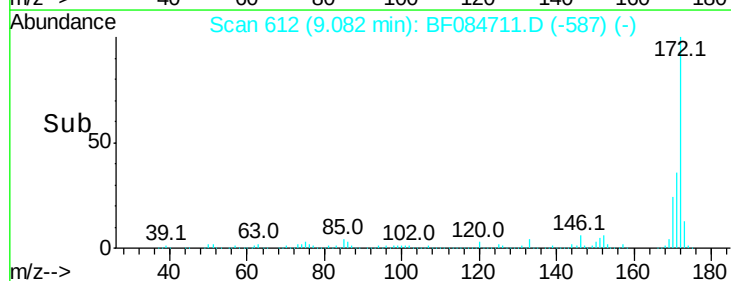
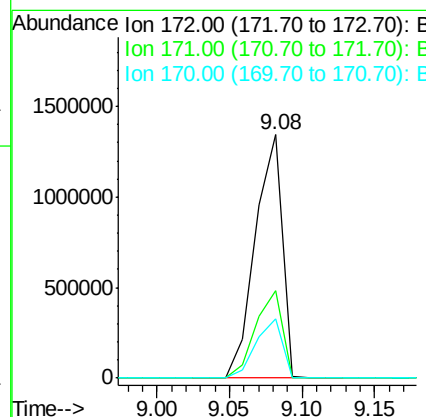
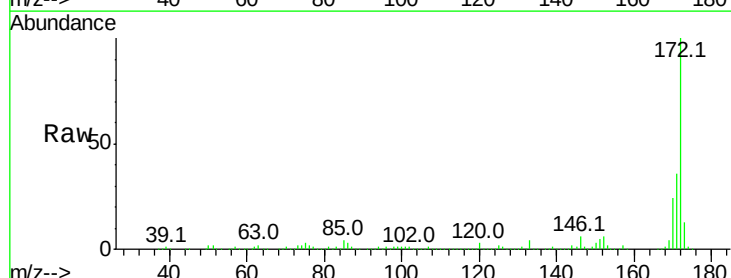
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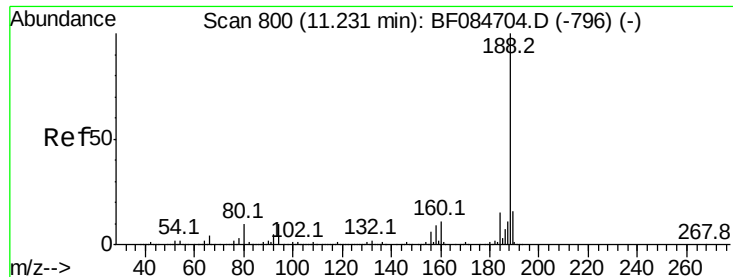
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#44
 2-Fluorobiphenyl
 Concen: 84.56 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084711.D
 Acq: 1 Feb 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1733983		
171	36.0	28.9	43.3	
170	24.5	18.6	27.8	





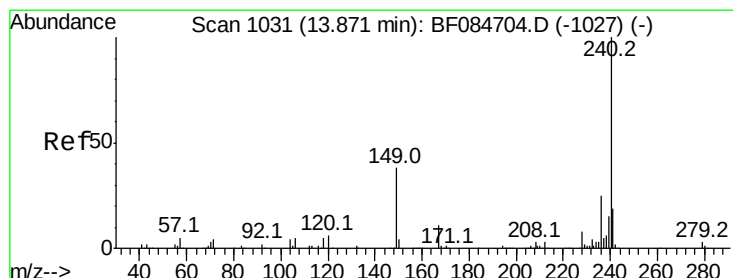
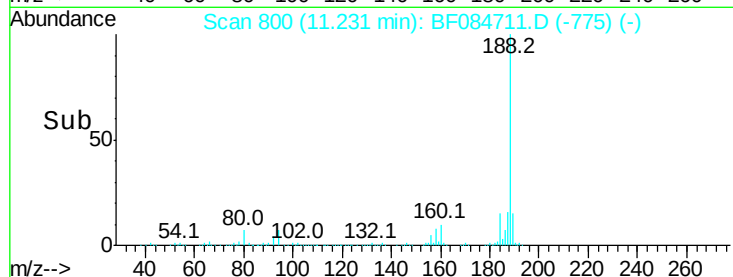
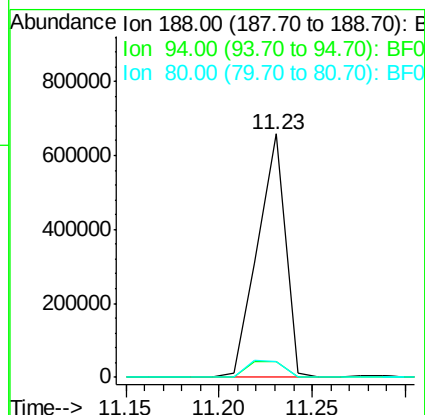
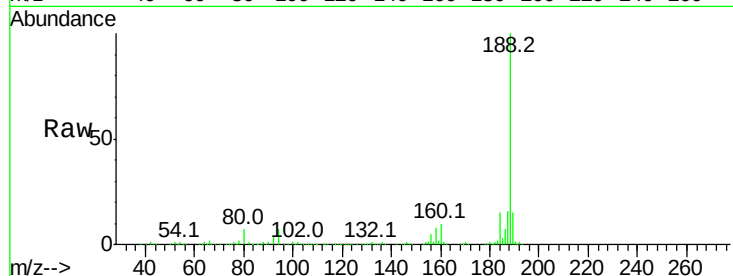
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084711.D
Acq: 1 Feb 2016 16:06

Instrument :
BNA_F
ClientSampleId :
PB88012BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.7	9.0	13.4#
80	6.7	9.6	14.4#

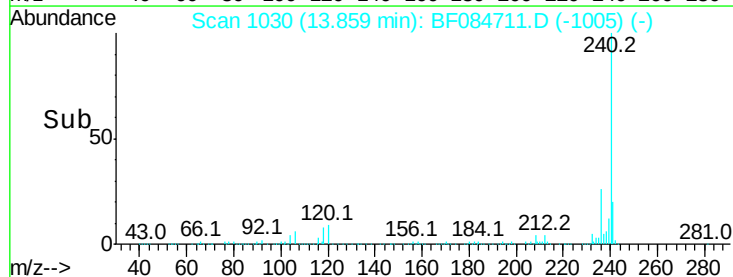
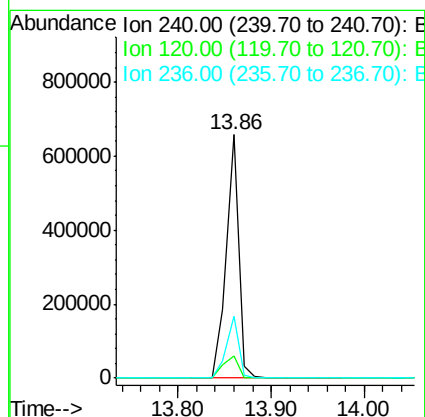
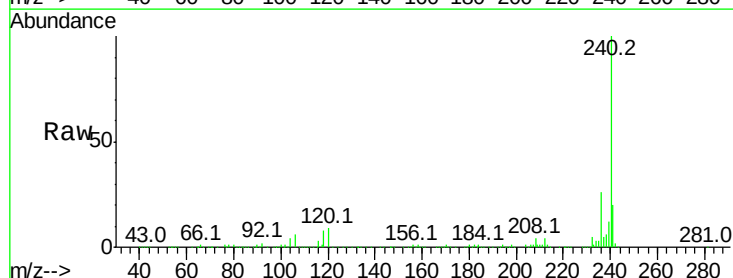
Manual Integrations
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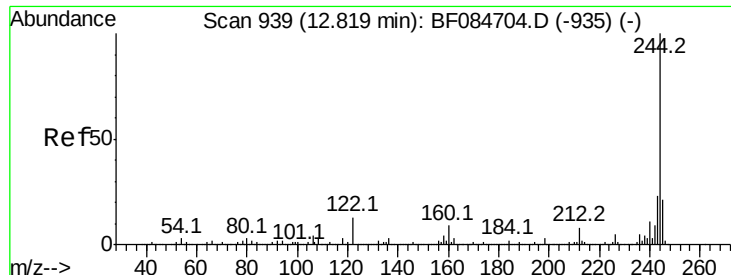
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084711.D
Acq: 1 Feb 2016 16:06

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.6	20.6	31.0





#78

Terphenyl-d14

Concen: 66.26 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

Instrument :

BNA_F

ClientSampleId :

PB88012BL

Tot Ion:244 Resp: 1783530

Ion Ratio Lower Upper

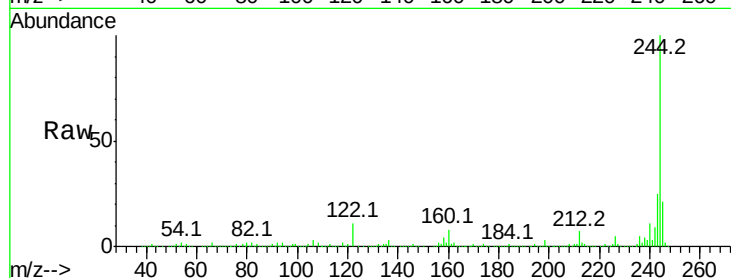
244 100

212 7.5 5.7 8.5

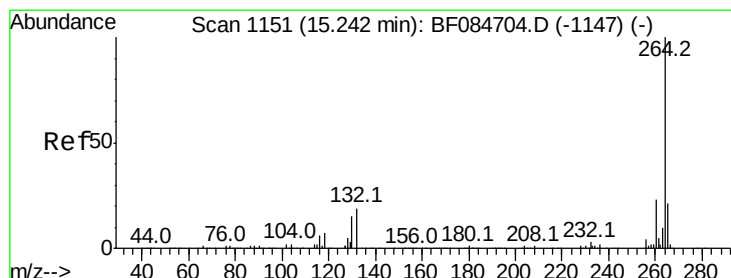
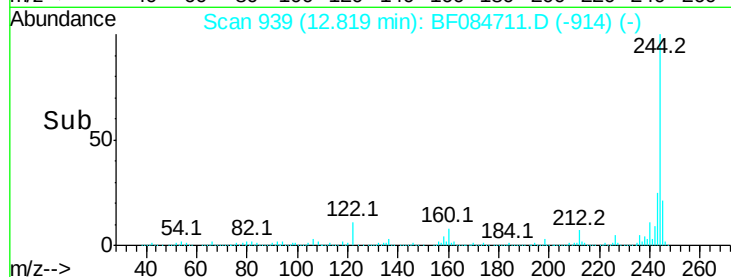
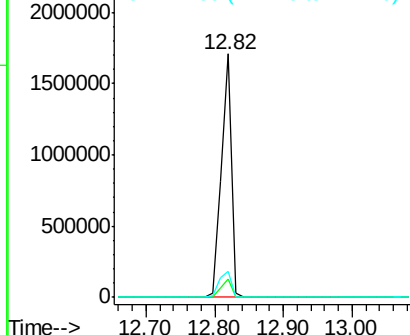
122 10.5 7.4 11.0

Manual Integrations
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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: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

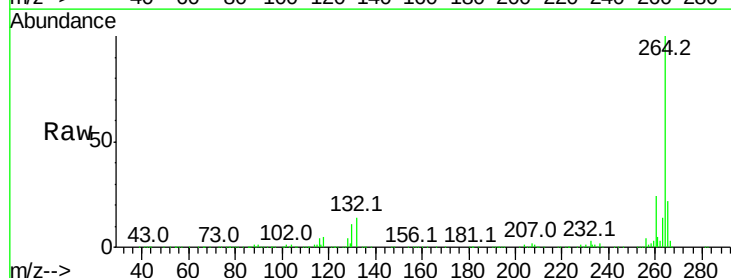
Tgt Ion:264 Resp: 443724

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.1 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

