

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085269.D
 Acq On : 8 Mar 2016 21:38
 Operator : UM/SJ
 Sample : H1707-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

Manual Integrations
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 3/9/2016 9:30:45 AM

Quant Time: Mar 09 01:08:50 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	6.96	152	162279	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	624077	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	288702	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	551846	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	385950	20.00	ng	-0.03
86) Perylene-d12	15.58	264	249091	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1289897	133.33	ng	0.00
7) Phenol-d6	6.58	99	1310761	103.41	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1000731	85.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	404518	163.75	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1839511	96.90	ng	-0.02
78) Terphenyl-d14	13.08	244	1886369	113.46	ng	-0.01
Target Compounds						
31) Naphthalene	8.26	128	151261	4.93	ng	Qvalue 97

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

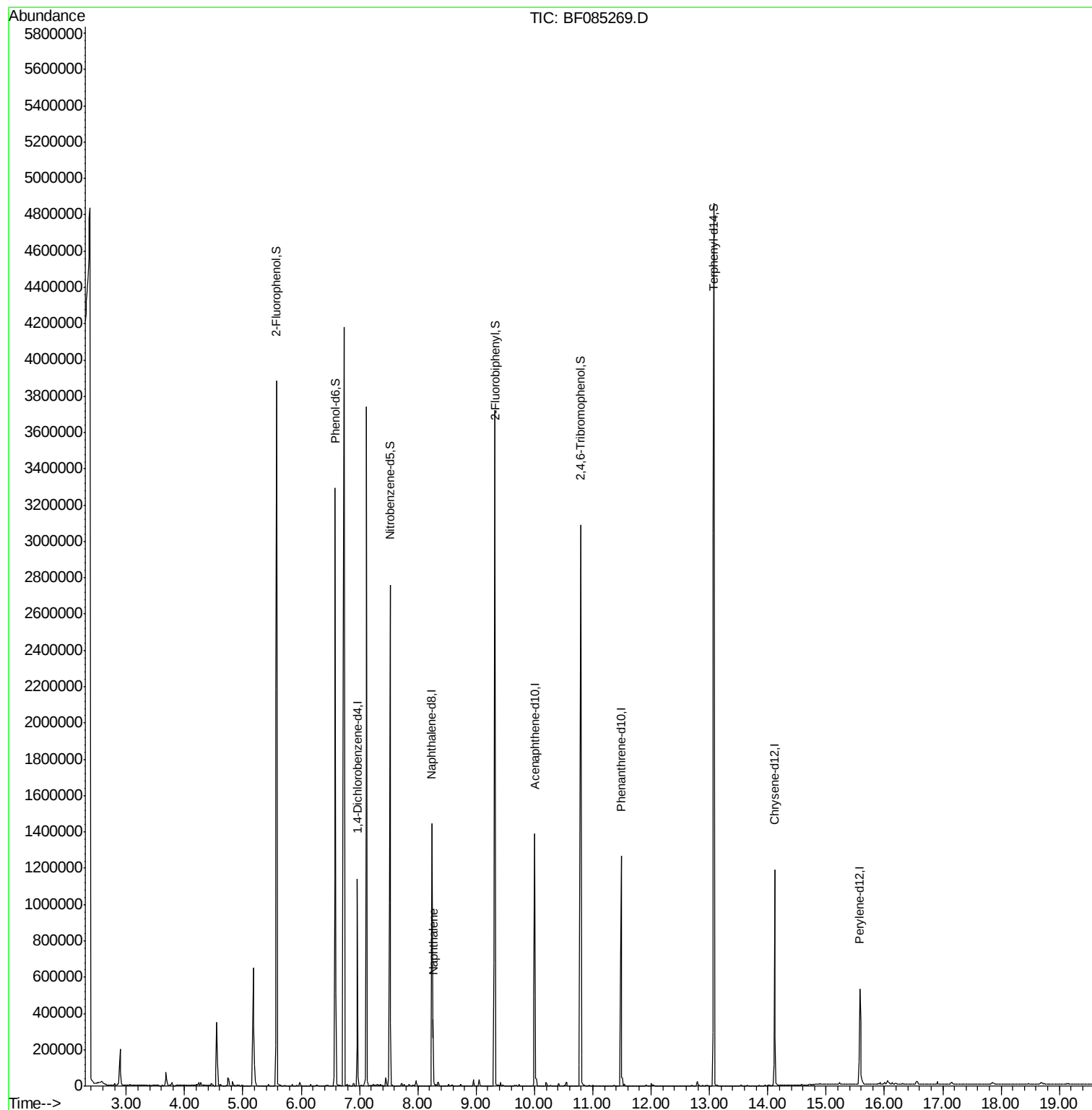
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085269.D
Acq On : 8 Mar 2016 21:38
Operator : UM/SJ
Sample : H1707-06
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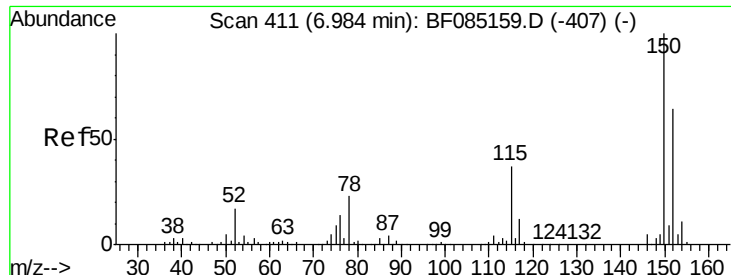
Instrument :
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ClientSampleId :
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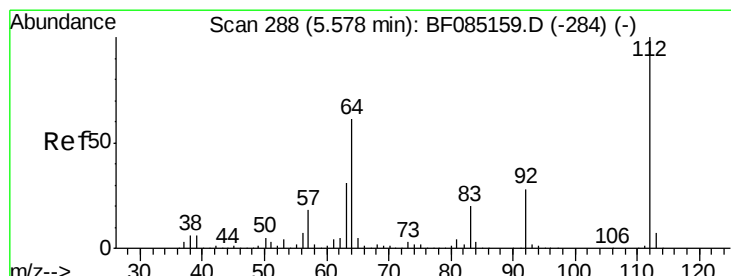
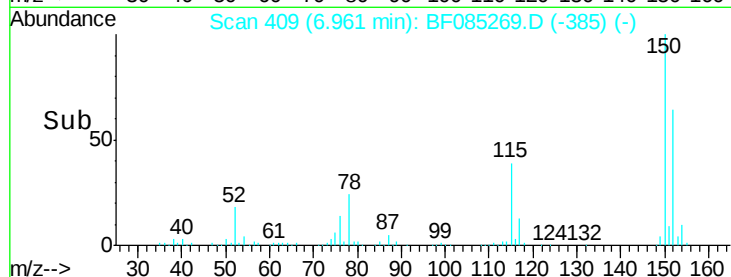
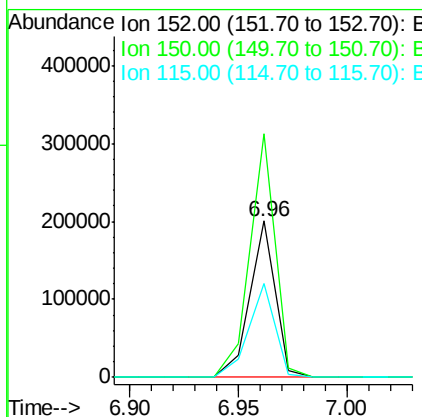
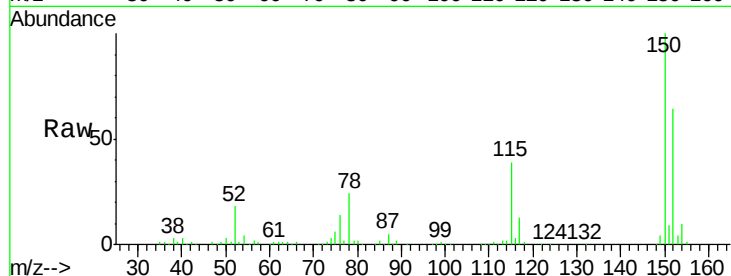
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	162279		
150	155.6	124.6	186.8	
115	59.9	46.6	70.0	

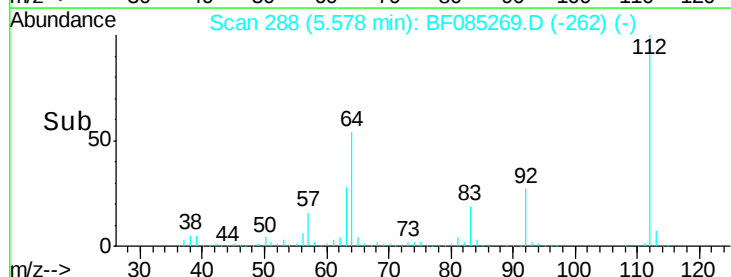
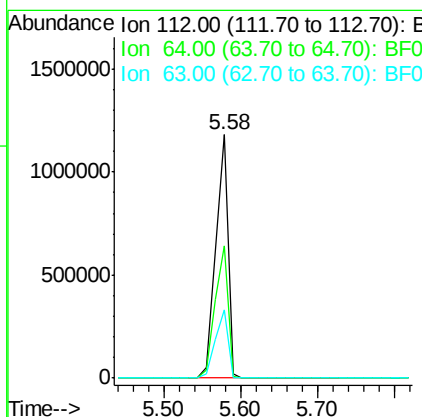
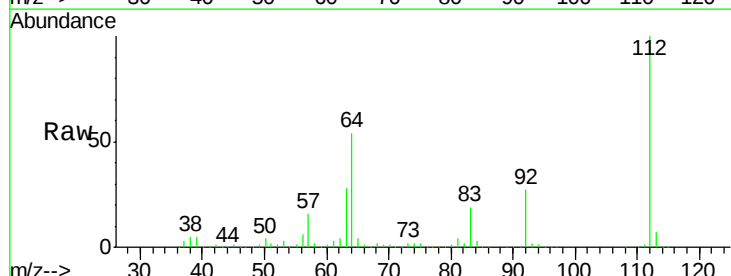
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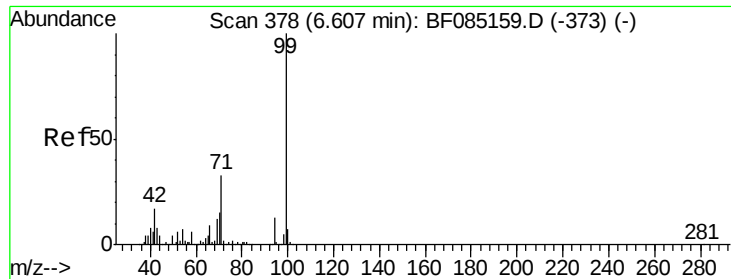
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#5
 2-Fluorophenol
 Concen: 133.33 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1289897		
64	54.5	49.0	73.4	
63	27.9	24.8	37.2	





#7

Phenol-d6

Concen: 103.41 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

Tgt Ion: 99 Resp: 1310761

Ion Ratio Lower Upper

99 100

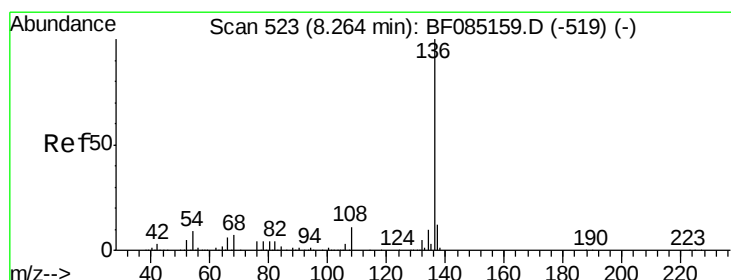
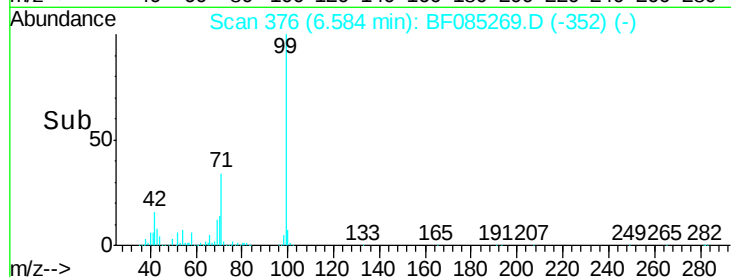
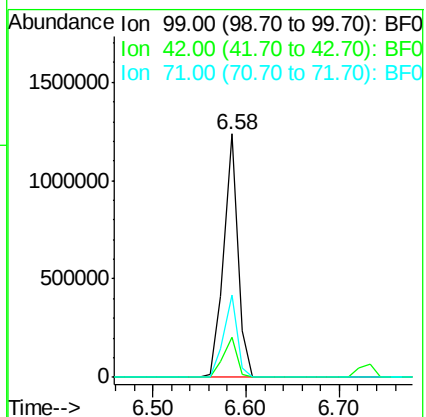
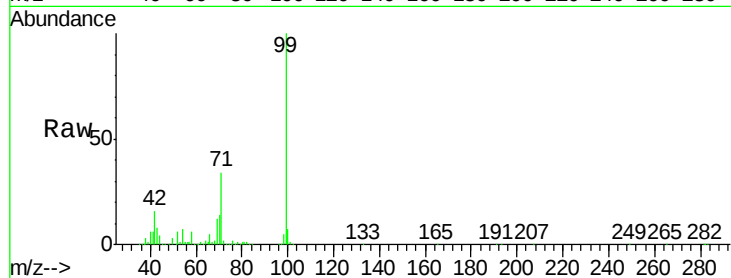
42 16.3 13.6 20.4

71 33.6 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Tgt Ion: 136 Resp: 624077

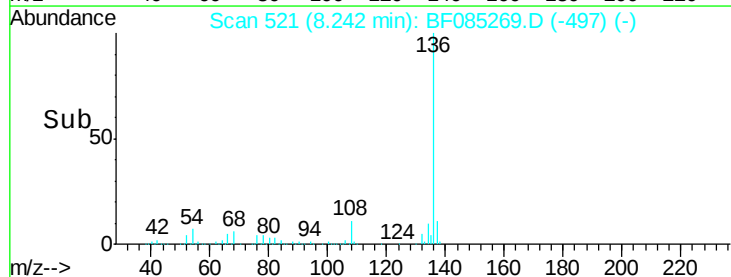
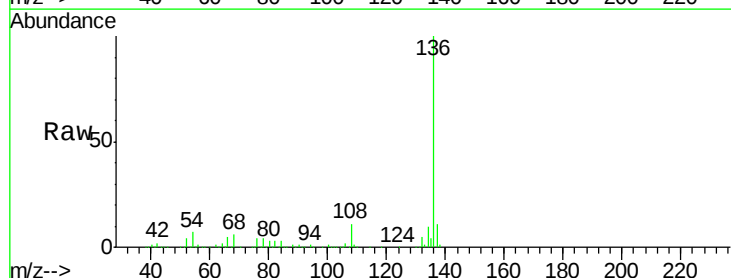
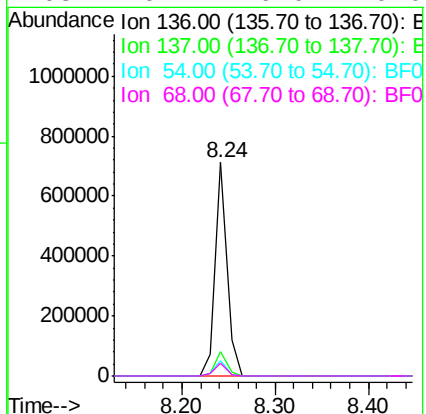
Ion Ratio Lower Upper

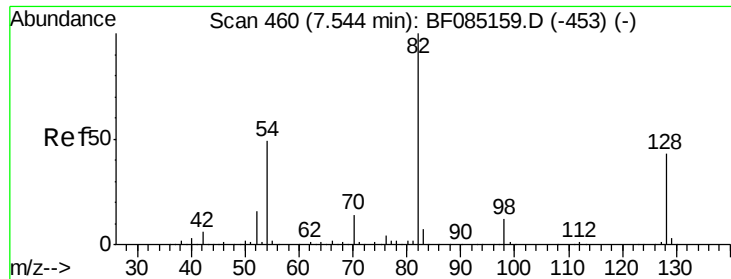
136 100

137 11.3 9.3 13.9

54 7.5 7.4 11.2

68 6.2 6.0 9.0





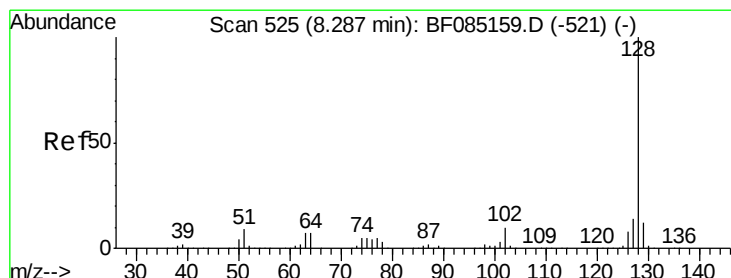
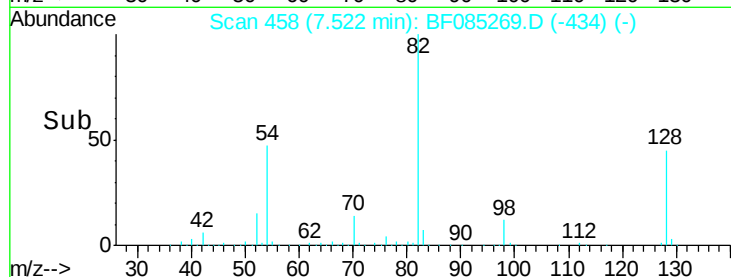
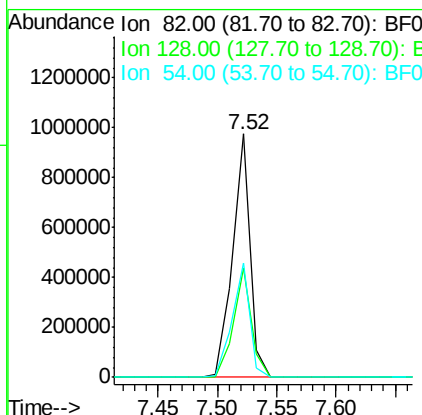
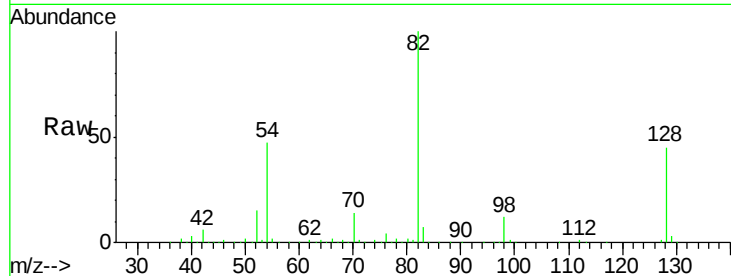
#23
 Nitrobenzene-d5
 Concen: 85.81 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

Tgt Ion: 82 Resp: 1000731
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.5 51.7
 54 47.0 39.3 58.9

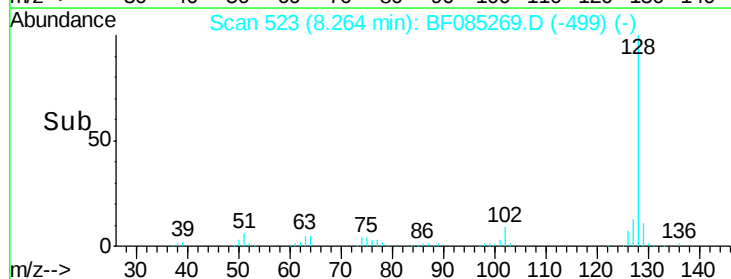
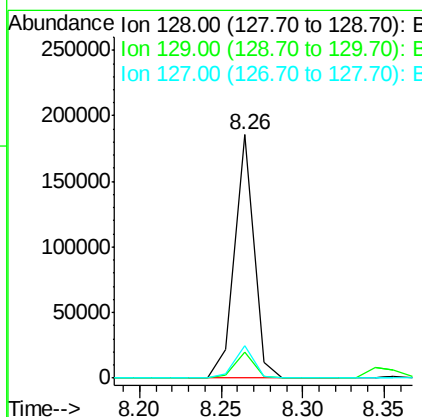
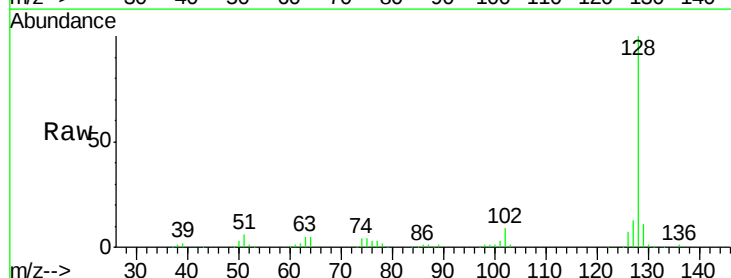
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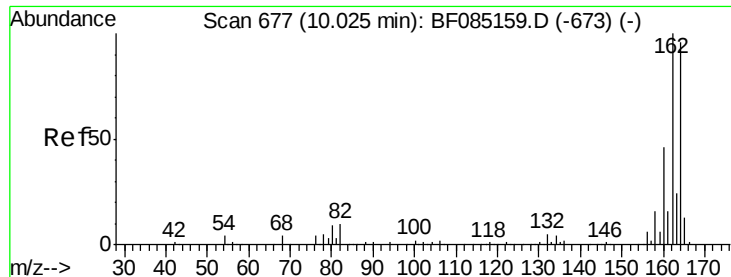
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#31
 Naphthalene
 Concen: 4.93 ng
 RT: 8.26 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

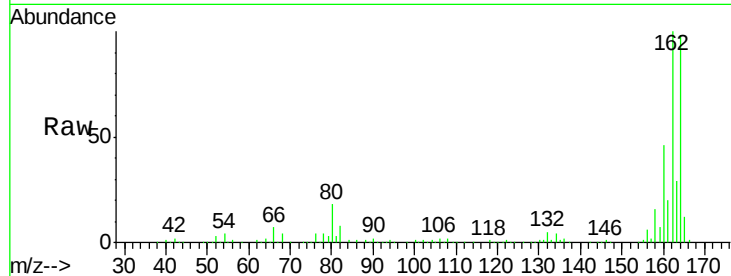
Tgt Ion: 128 Resp: 151261
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.7 14.5
 127 13.1 11.2 16.8





#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

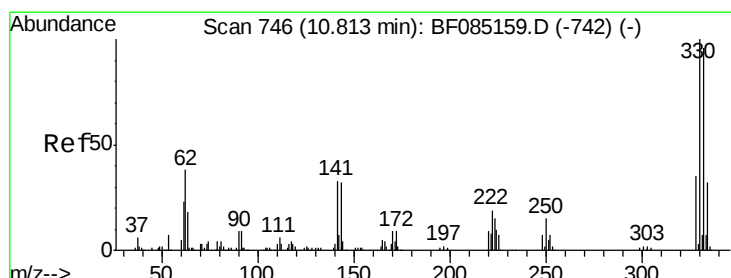
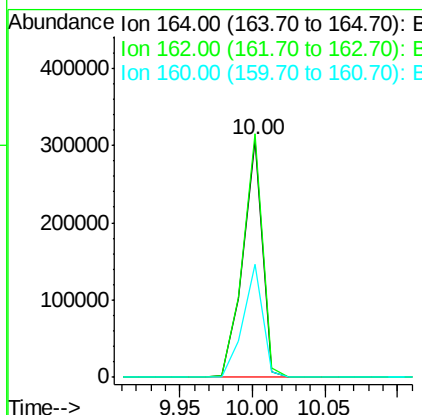
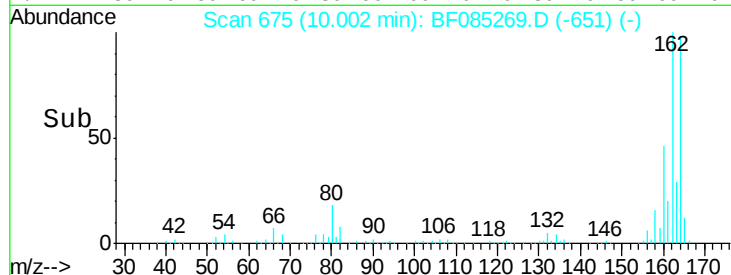
Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	288702		
162	102.4	83.3	124.9	
160	47.3	37.9	56.9	

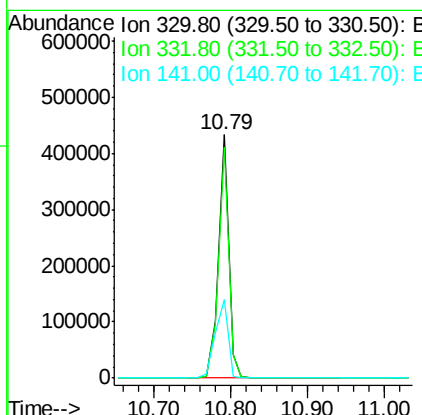
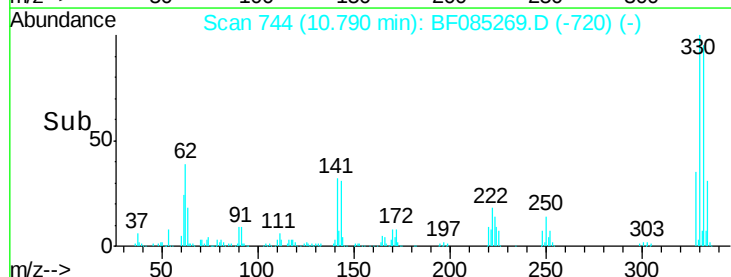
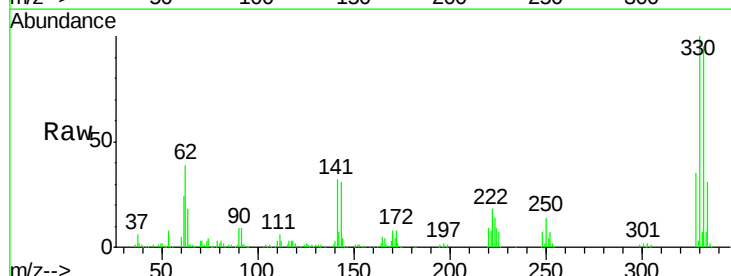
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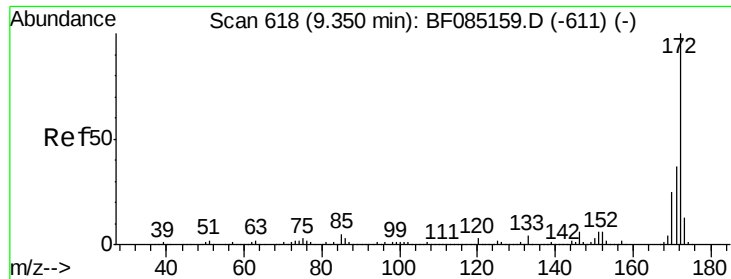
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#41
 2,4,6-Tribromophenol
 Concen: 163.75 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

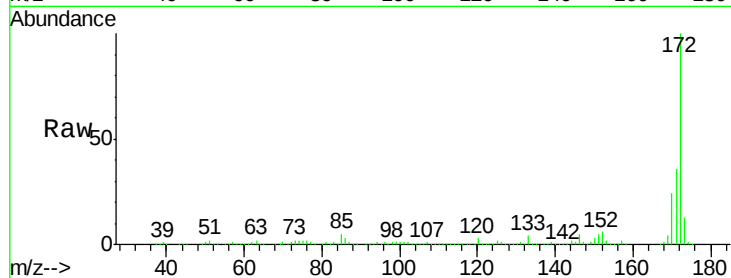
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	404518		
332	95.0	77.1	115.7	
141	39.9	35.0	52.6	





#44
 2-Fluorobiphenyl
 Concen: 96.90 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

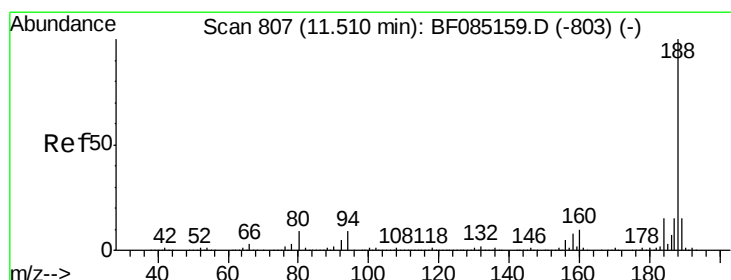
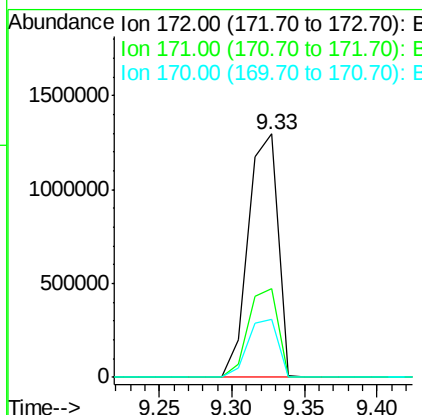
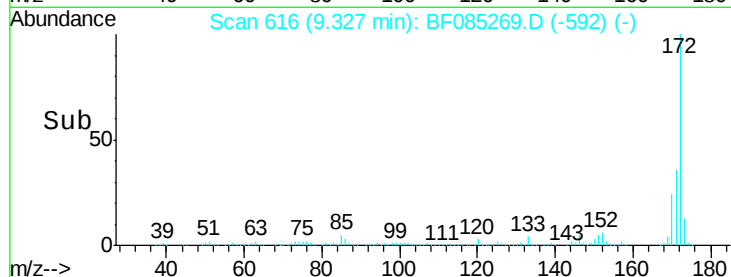
Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6



Tgt Ion:172 Resp: 1839511
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.0 20.0 30.0

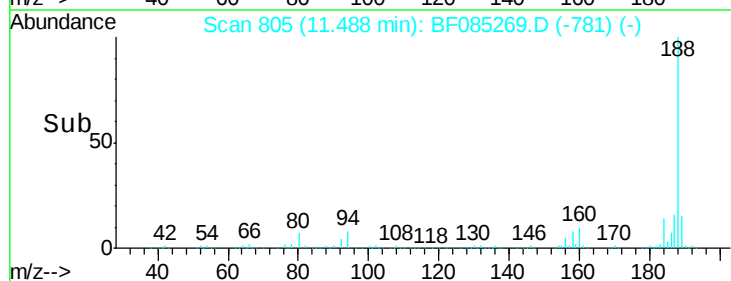
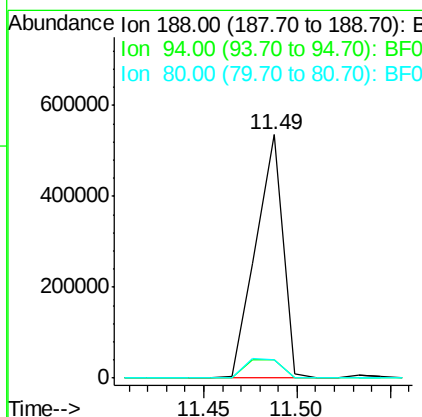
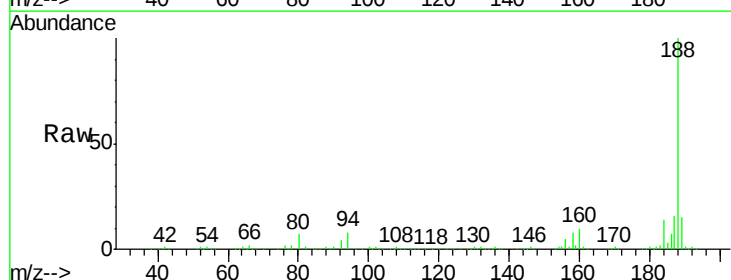
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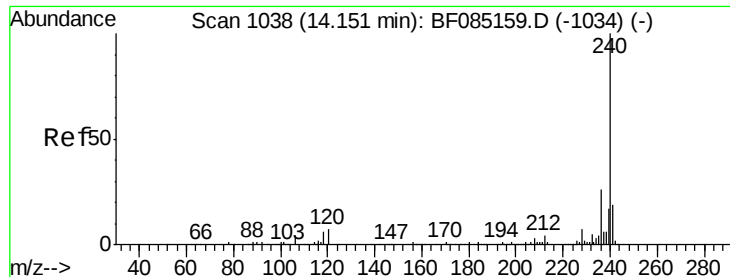
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

Tgt Ion:188 Resp: 551846
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.0 10.6
 80 7.4 7.4 11.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

Tgt Ion:240 Resp: 385950
Ion Ratio Lower Upper

240 100

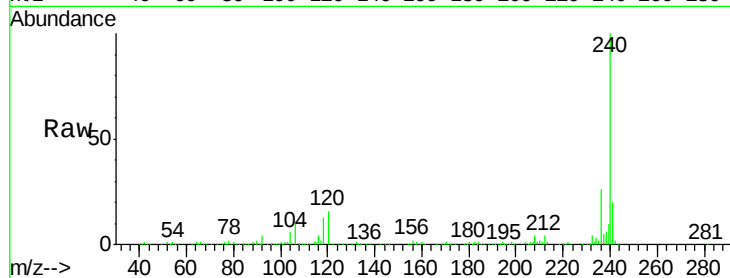
120 15.9 5.3 7.9#

236 26.2 20.7 31.1

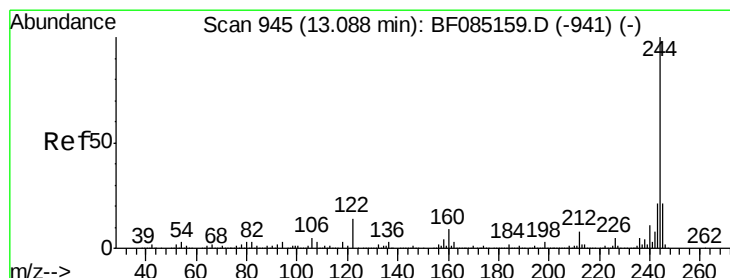
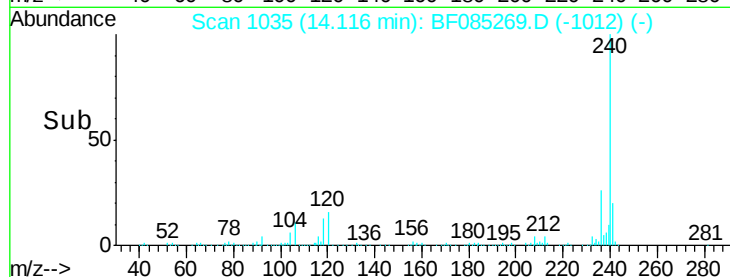
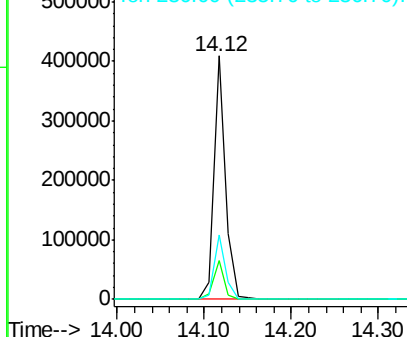
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 113.46 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085269.D

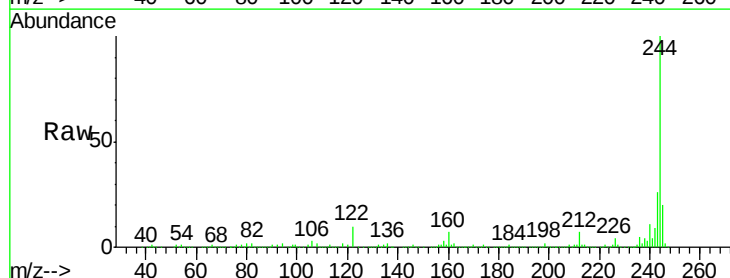
Acq: 8 Mar 2016 21:38

Tgt Ion:244 Resp: 1886369
Ion Ratio Lower Upper

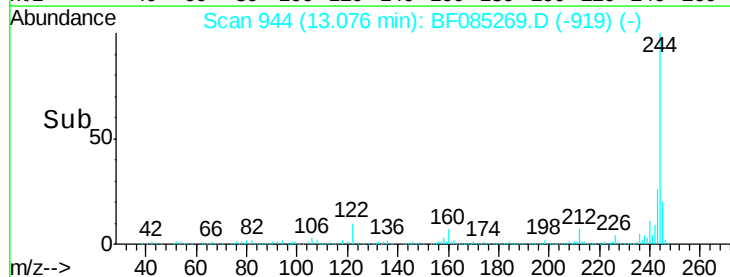
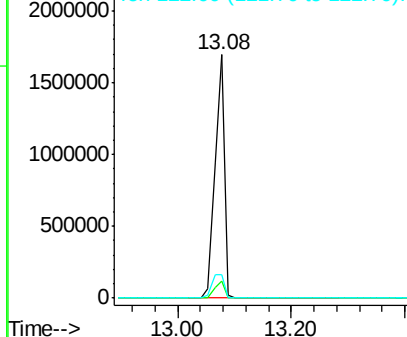
244 100

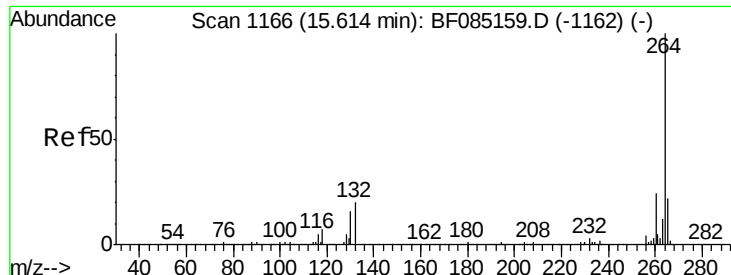
212 7.2 6.4 9.6

122 9.5 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





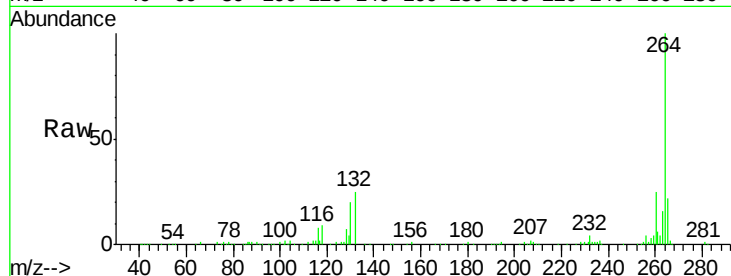
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085269.D
Acq: 8 Mar 2016 21:38

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID6

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.0	19.2	28.8
265	22.1	17.3	25.9

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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

