

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088448.D
 Acq On : 27 Jun 2016 11:24
 Operator : UM/SJ
 Sample : H3731-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216

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Quant Time: Jun 27 19:29:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	58803m	20.00	ng	-0.31
21) Naphthalene-d8	7.83	136	242730	20.00	ng	-0.30
38) Acenaphthene-d10	9.56	164	102052	20.00	ng	-0.32
63) Phenanthrene-d10	11.05	188	221207	20.00	ng	-0.31
75) Chrysene-d12	13.67	240	172956	20.00	ng	-0.32
86) Perylene-d12	15.03	264	26026	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	431908	125.57	ng	-0.30
7) Phenol-d6	6.20	99	484173	116.15	ng	-0.27
23) Nitrobenzene-d5	7.12	82	361613	86.99	ng	-0.30
41) 2,4,6-Tribromophenol	10.36	330	153712	142.65	ng	-0.31
44) 2-Fluorobiphenyl	8.90	172	663946	103.40	ng	-0.31
78) Terphenyl-d14	12.64	244	693758	91.28	ng	-0.31
Target Compounds						
31) Naphthalene	7.85	128	31381	2.61	ng	Qvalue 99

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

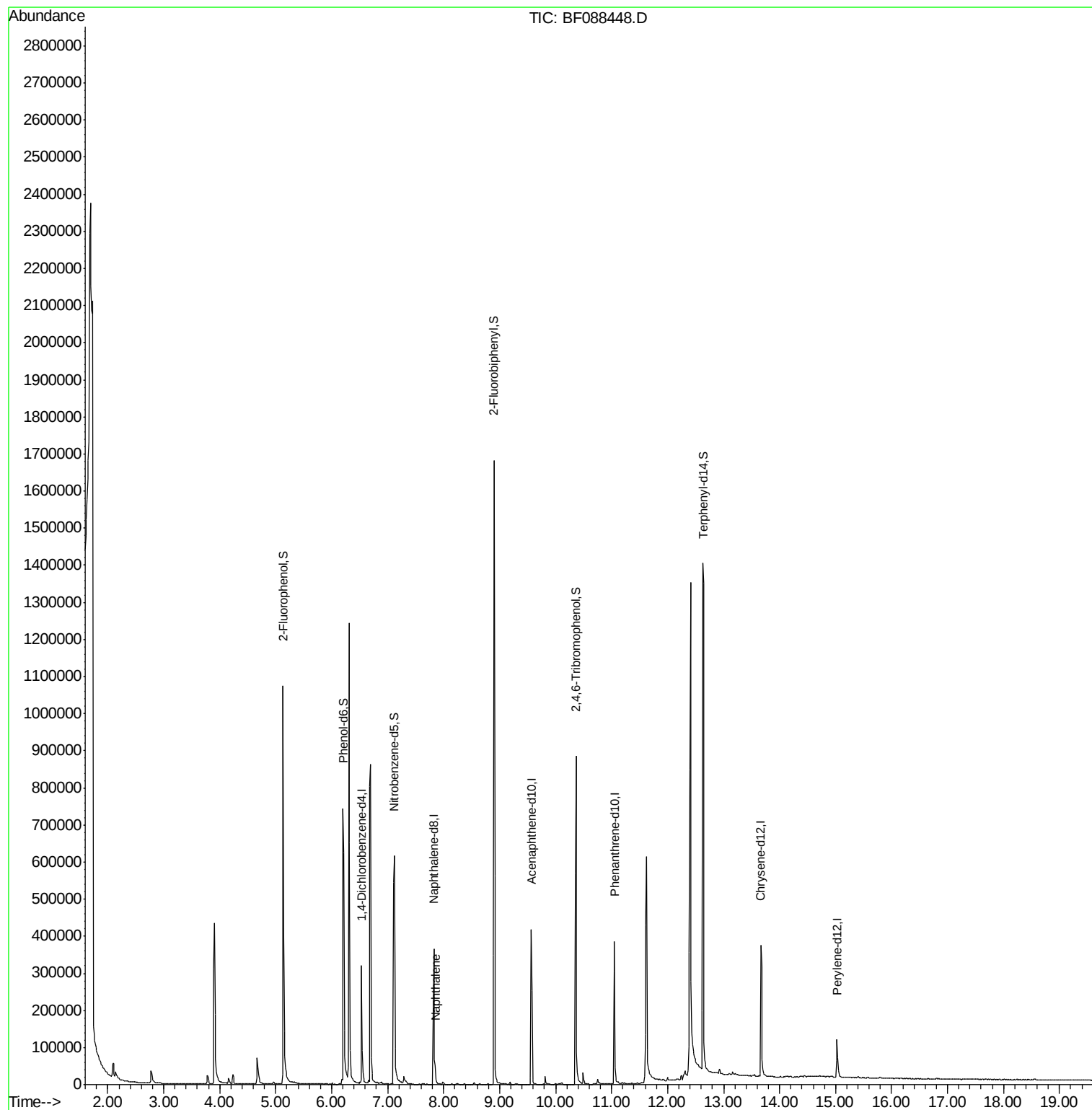
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088448.D
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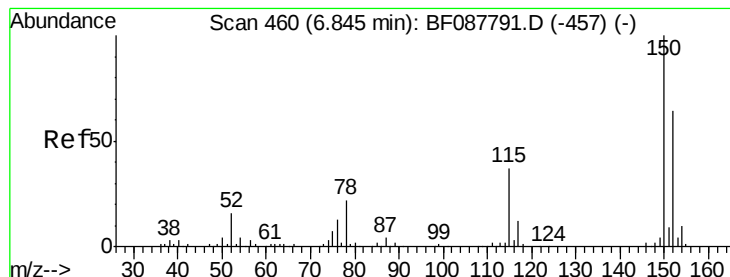
Instrument :
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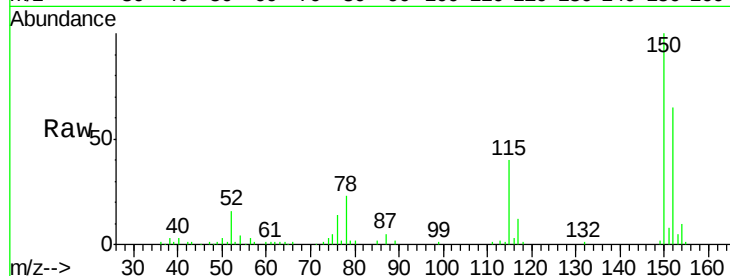
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.54 min Scan# 433
 Delta R.T. -0.31 min
 Lab File: BF088448.D
 Acq: 27 Jun 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216

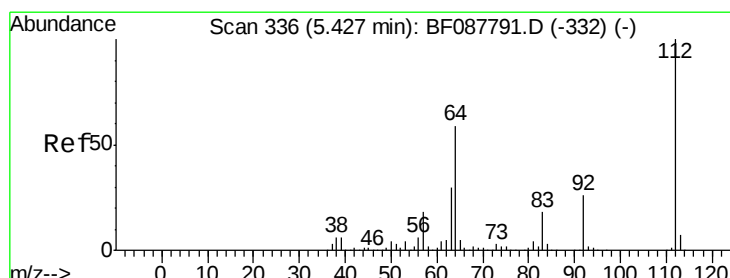
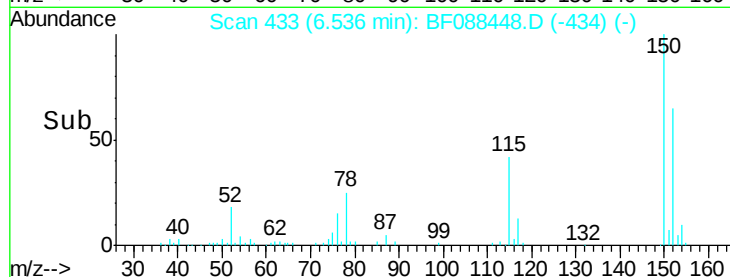
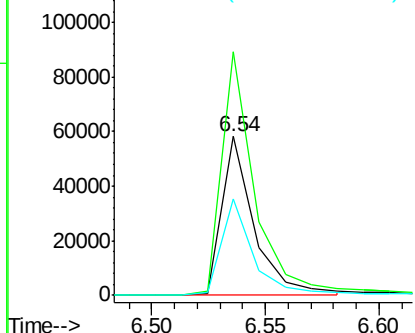
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	60.5	39.6	59.4

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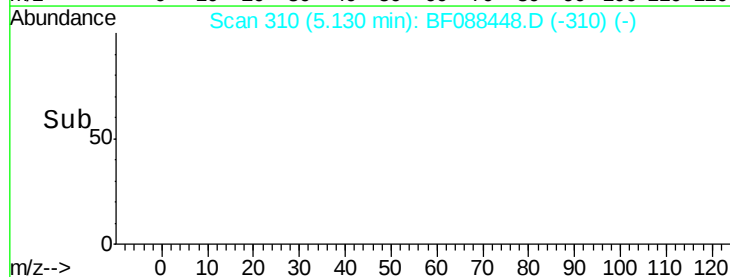
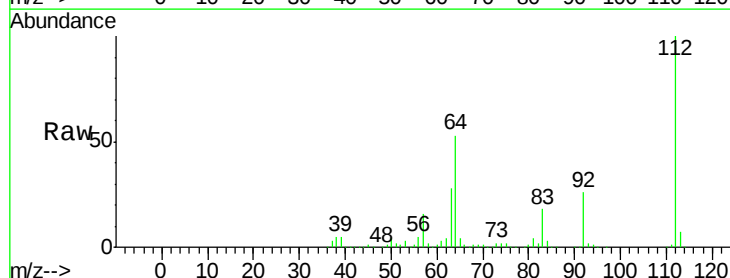
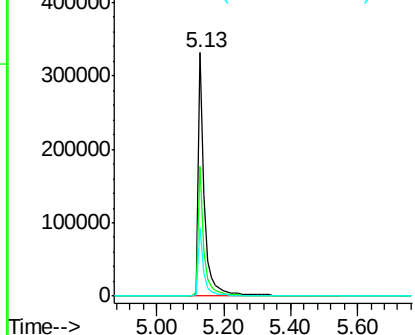
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

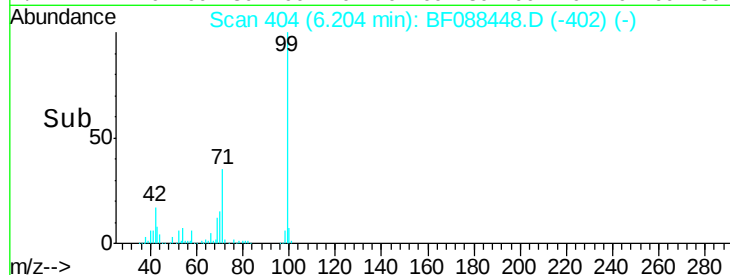
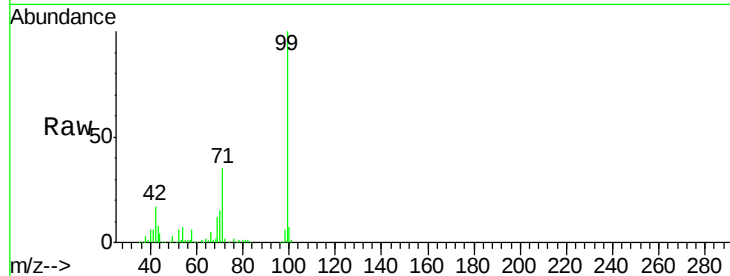


#5
 2-Fluorophenol
 Concen: 125.57 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.30 min
 Lab File: BF088448.D
 Acq: 27 Jun 2016 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.2	63.2
63	28.0	21.8	32.8

Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.15 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.27 min

Lab File: BF088448.D

Acq: 27 Jun 2016 11:24

Tgt Ion:	99	Resp:	484173
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.2	18.2
71	35.4	23.4	35.0#

Instrument :

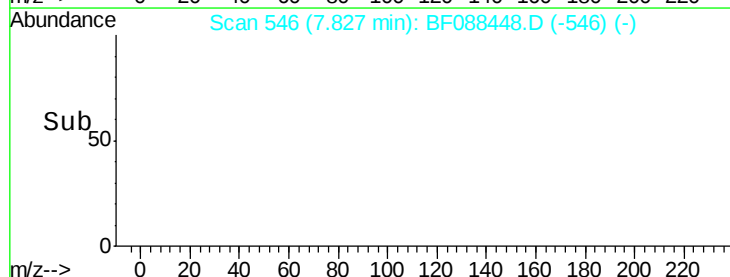
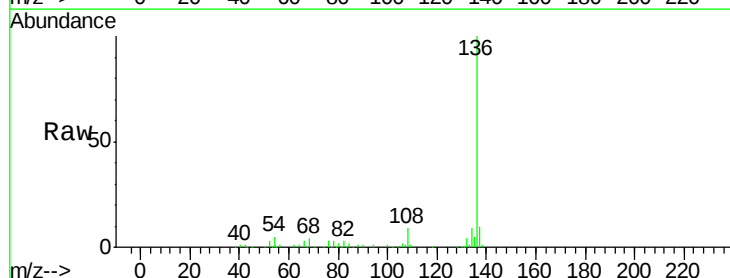
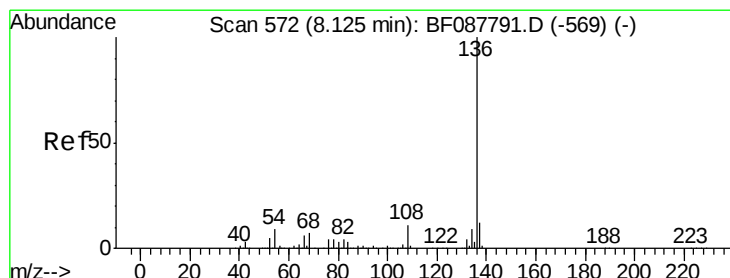
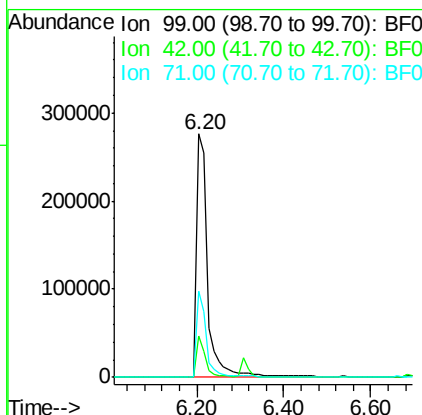
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#21

Naphthalene-d8

Concen: 20.00 ng

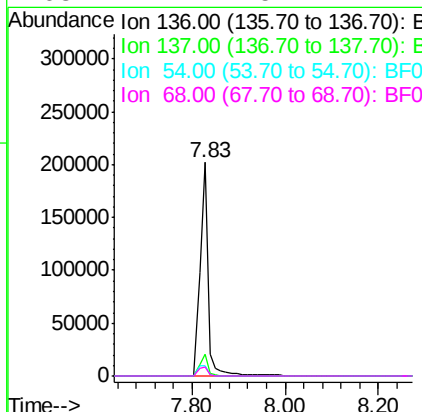
RT: 7.83 min Scan# 546

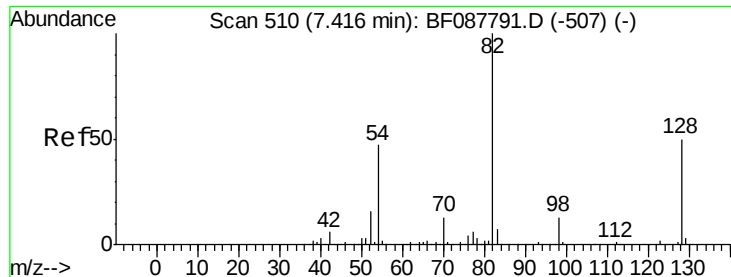
Delta R.T. -0.30 min

Lab File: BF088448.D

Acq: 27 Jun 2016 11:24

Tgt Ion:	136	Resp:	242730
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	5.1	6.6	10.0#
68	4.4	5.1	7.7#





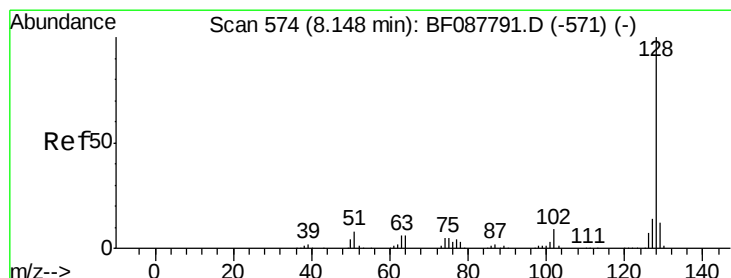
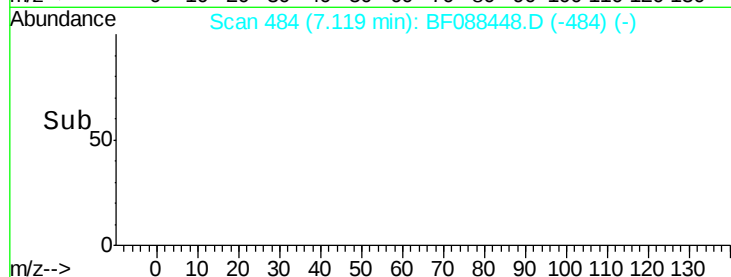
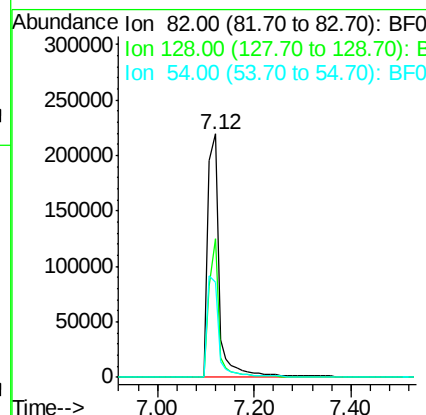
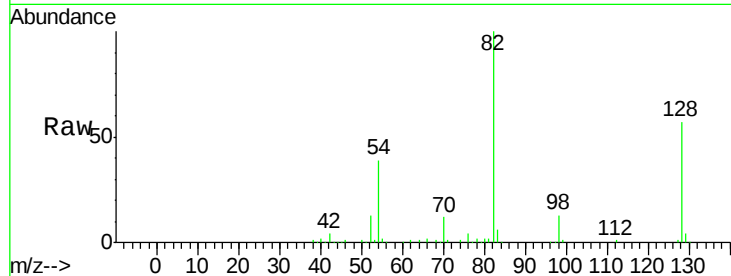
#23
 Nitrobenzene-d5
 Concen: 86.99 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.30 min
 Lab File: BF088448.D
 Acq: 27 Jun 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216

Tgt Ion	Ratio	Lower	Upper
82	100		
128	57.2	35.9	53.9#
54	38.8	40.9	61.3#

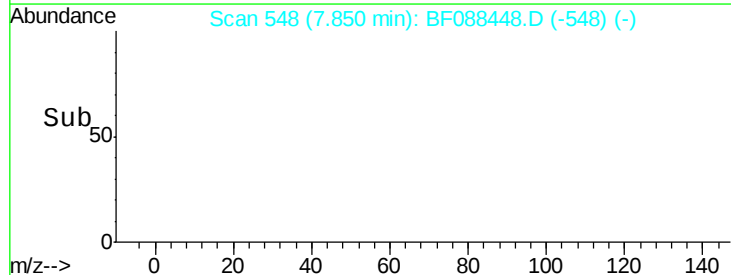
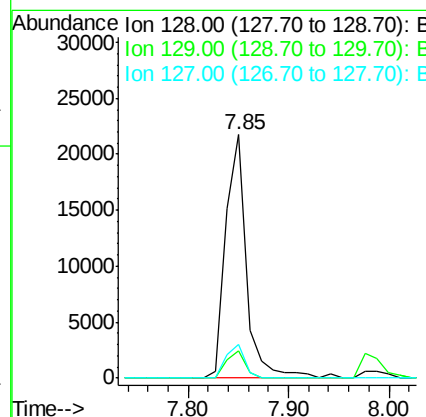
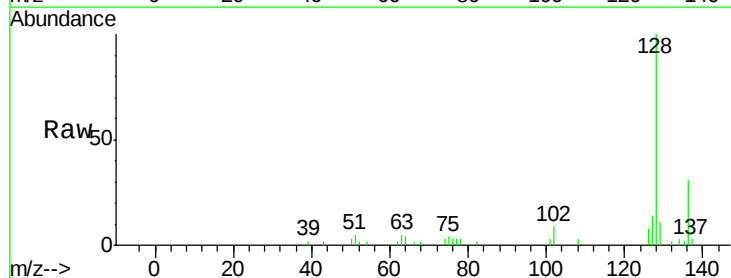
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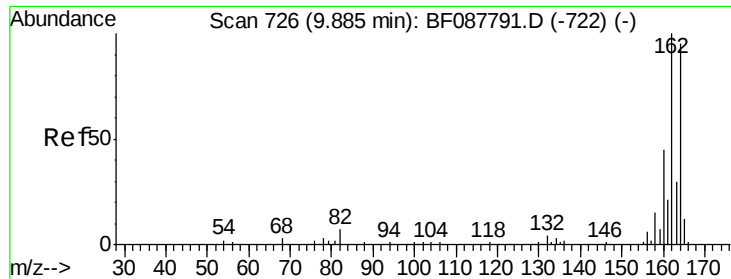
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#31
 Naphthalene
 Concen: 2.61 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.30 min
 Lab File: BF088448.D
 Acq: 27 Jun 2016 11:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.9	10.9	16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.32 min

Lab File: BF088448.D

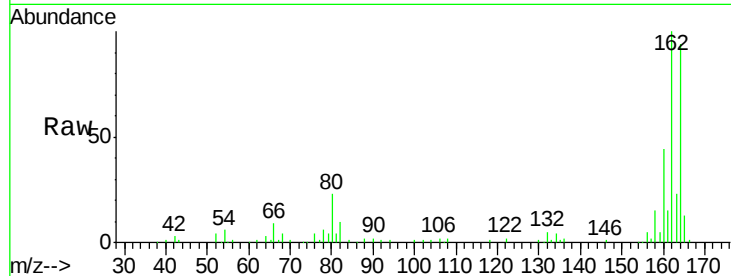
Acq: 27 Jun 2016 11:24

Instrument :

BNA_F

ClientSampleId :

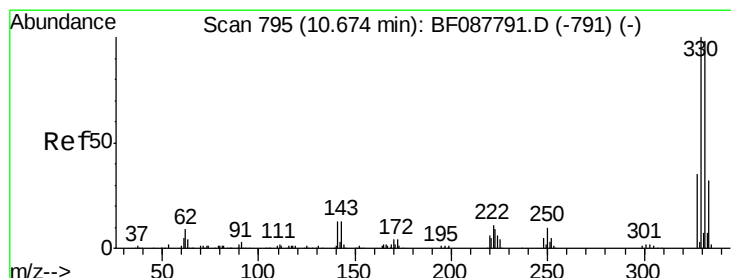
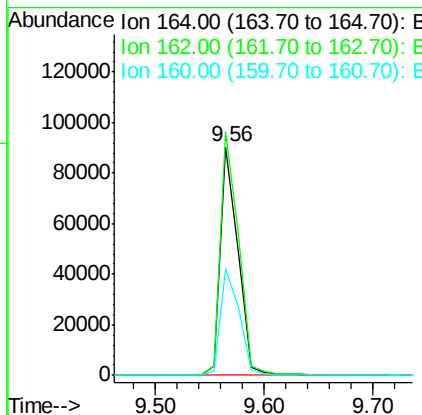
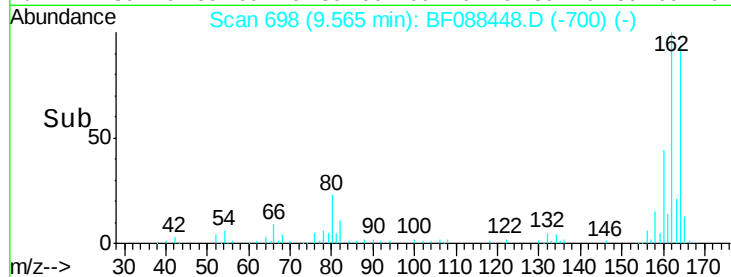
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Tgt Ion:	164	Resp:	102052
Ion Ratio	Lower	Upper	
164	100		
162	106.7	85.4	128.2
160	47.0	39.5	59.3

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#41

2,4,6-Tribromophenol

Concen: 142.65 ng

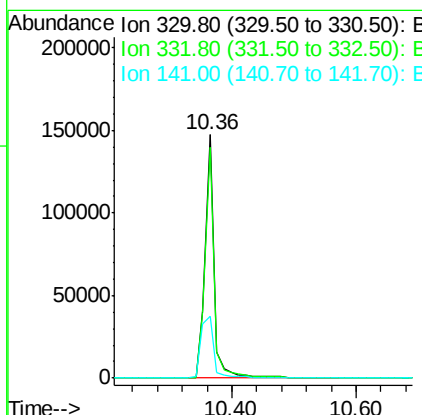
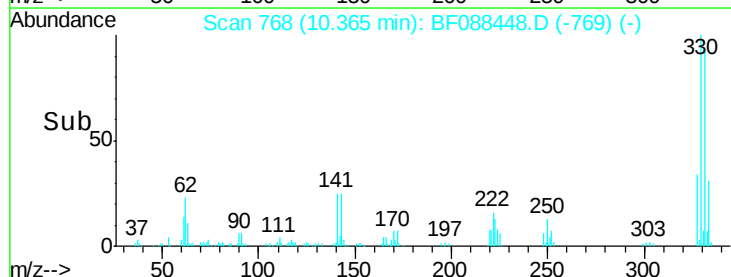
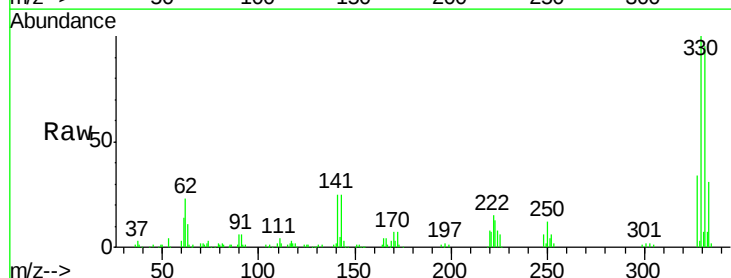
RT: 10.36 min Scan# 768

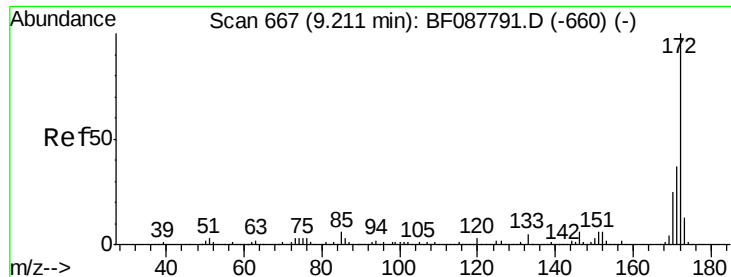
Delta R.T. -0.31 min

Lab File: BF088448.D

Acq: 27 Jun 2016 11:24

Tgt Ion:	330	Resp:	153712
Ion Ratio	Lower	Upper	
330	100		
332	96.1	0.0	0.0#
141	35.9	0.0	0.0#





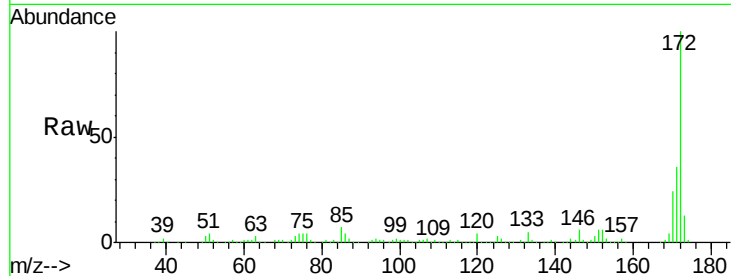
#44
 2-Fluorobiphenyl
 Concen: 103.40 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.31 min
 Lab File: BF088448.D
 Acq: 27 Jun 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216

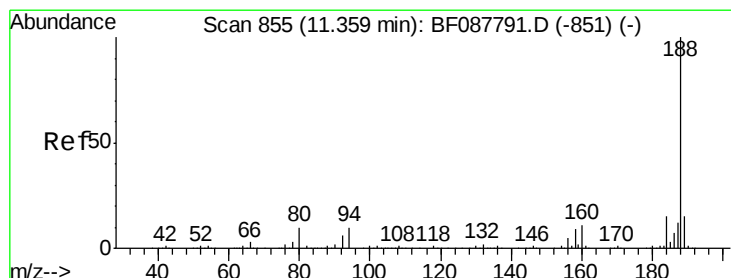
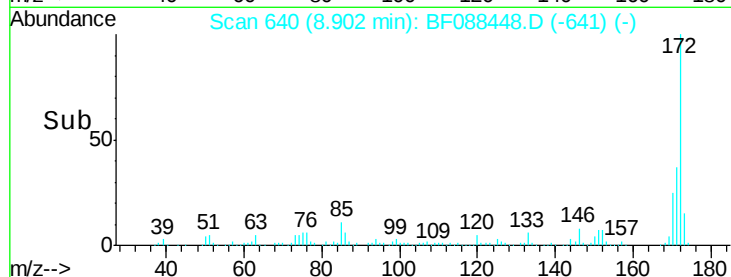
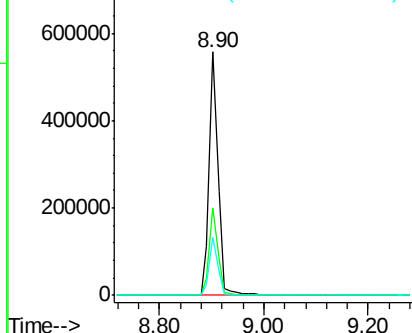
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	663946		
171	35.8	28.6	43.0	
170	23.8	19.2	28.8	

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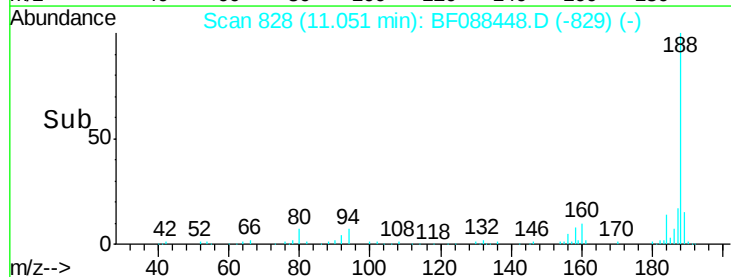
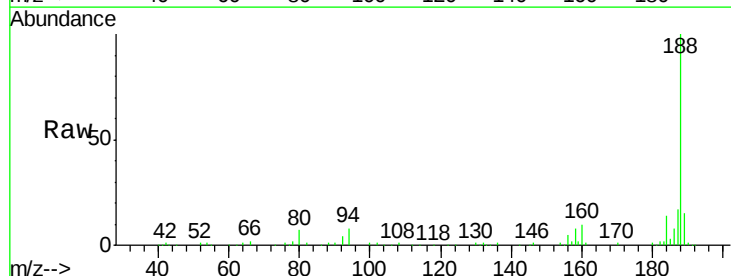
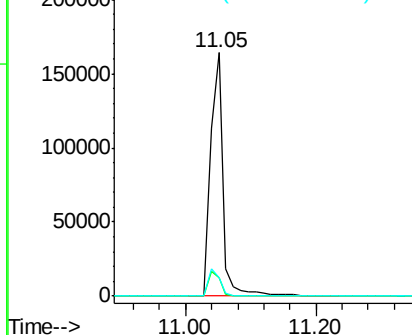
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

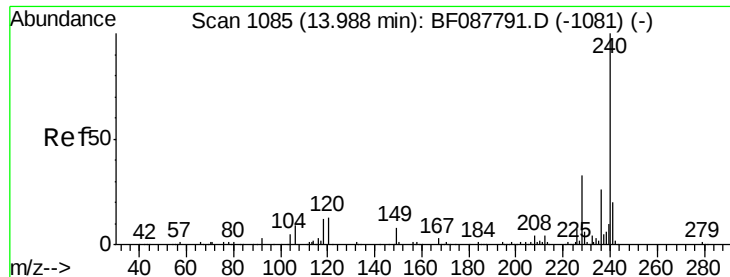


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.31 min
 Lab File: BF088448.D
 Acq: 27 Jun 2016 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	221207		
94	7.5	9.0	13.6#	
80	7.3	10.0	15.0#	

Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.32 min

Lab File: BF088448.D

Acq: 27 Jun 2016 11:24

Instrument :

BNA_F

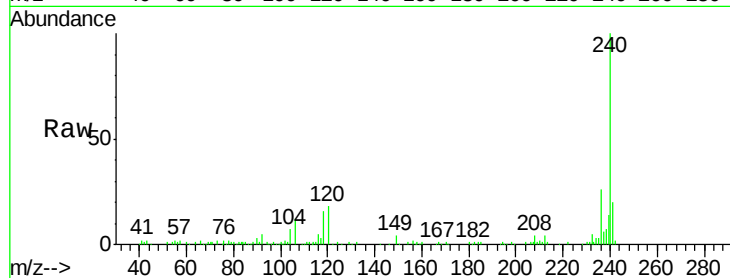
ClientSampleId :

HSR-WC-55-062216

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	172956		
120	17.5	6.8	10.2#	
236	26.3	20.2	30.2	

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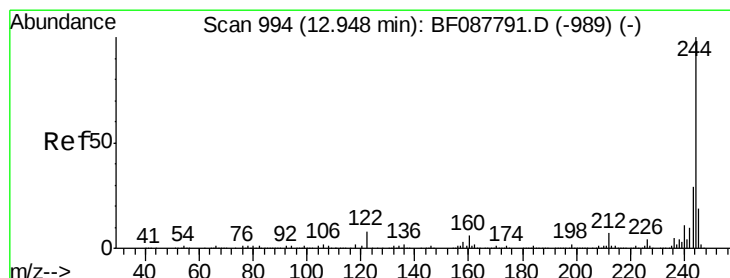
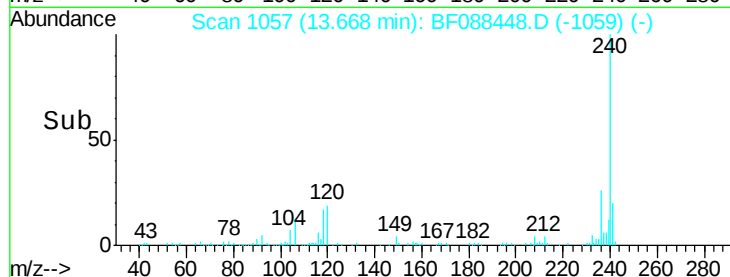
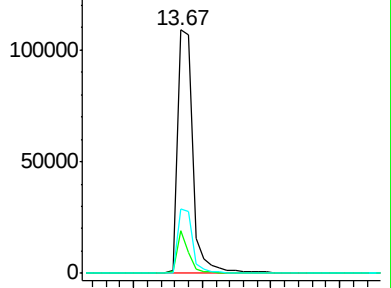
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 91.28 ng

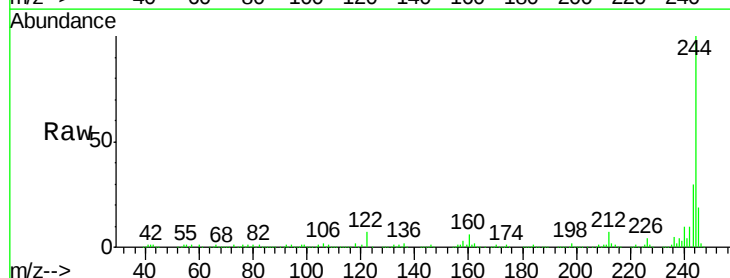
RT: 12.64 min Scan# 967

Delta R.T. -0.31 min

Lab File: BF088448.D

Acq: 27 Jun 2016 11:24

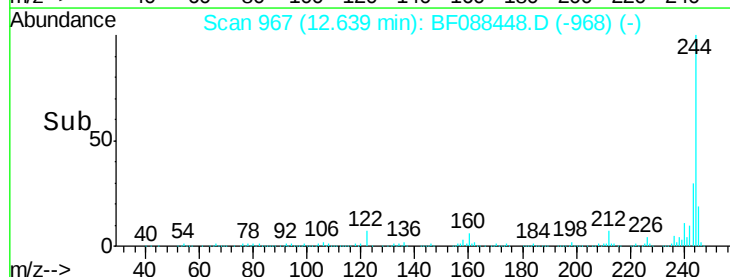
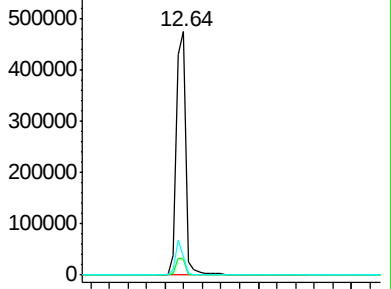
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	693758		
212	6.7	6.0	9.0	
122	7.5	11.2	16.8#	

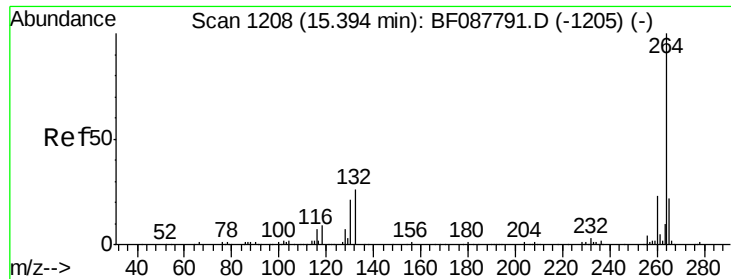


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





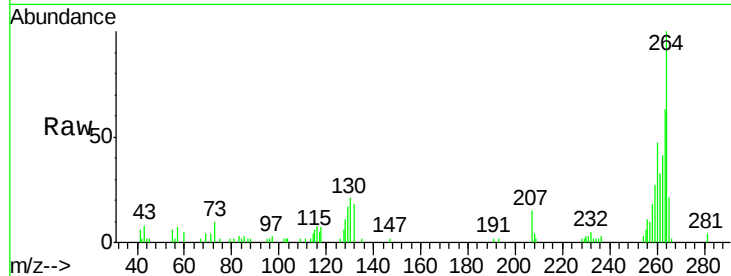
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.37 min
Lab File: BF088448.D
Acq: 27 Jun 2016 11:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion	Ratio	Lower	Upper
264	100		
260	47.4	19.2	28.8#
265	20.9	16.9	25.3

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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

