

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089632.D
 Acq On : 5 Aug 2016 16:02
 Operator : UM/SJ
 Sample : H4292-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS8-0-2IN

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Quant Time: Aug 08 01:54:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	49626	20.00	ng	-0.01
21) Naphthalene-d8	9.46	136	210980	20.00	ng	-0.01
38) Acenaphthene-d10	12.29	164	95231	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	161175	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	101193	20.00	ng	-0.01
86) Perylene-d12	20.05	264	99356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	412290	139.25	ng	0.04
7) Phenol-d6	6.99	99	539991	134.44	ng	0.01
23) Nitrobenzene-d5	8.35	82	347316	91.06	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	102433	130.34	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	594947	81.19	ng	0.00
78) Terphenyl-d14	17.05	244	369928	72.17	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	155035	20.77	ng	100
70) Phenanthrene	14.72	178	18325	2.09	ng	99
74) Fluoranthene	16.49	202	28552	3.17	ng	97
77) Pyrene	16.79	202	23656	2.64	ng	# 94
87) Benzo(b)fluoranthene	19.65	252	16557m	2.71	ng	
89) Benzo(a)pyrene	19.99	252	12583	2.20	ng	# 88

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

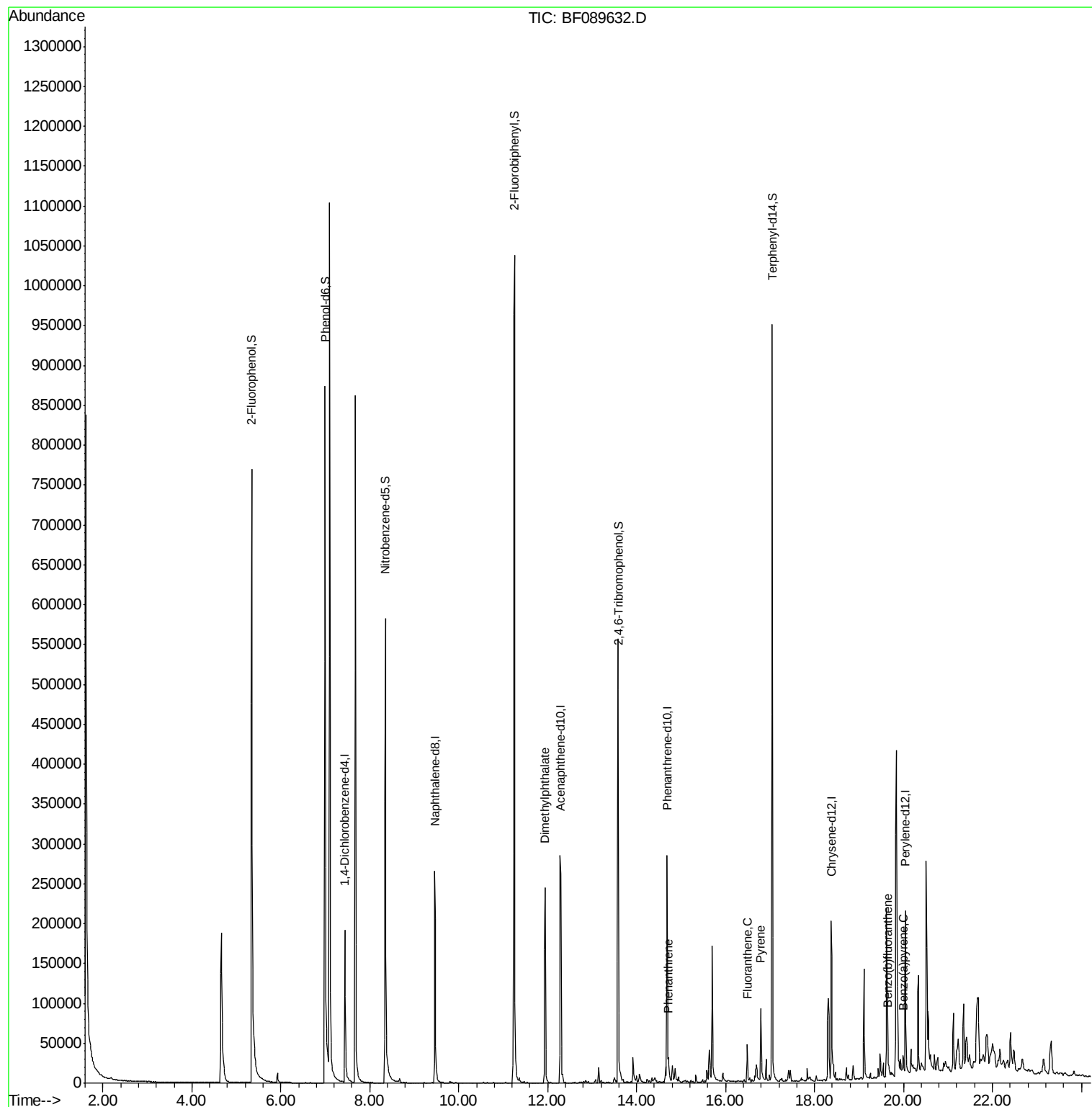
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089632.D
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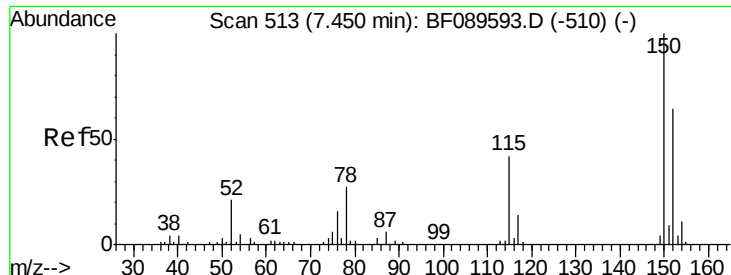
Instrument :
BNA_F
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SS8-0-2IN

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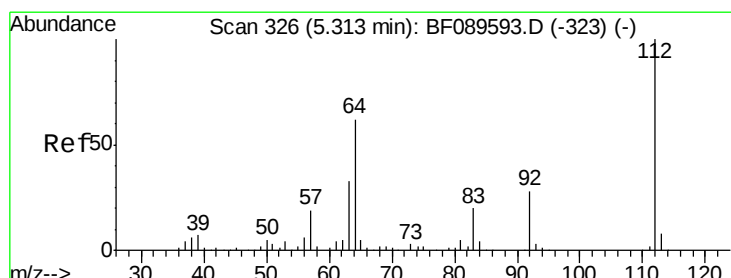
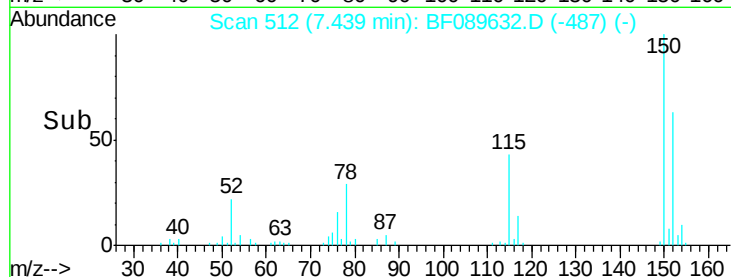
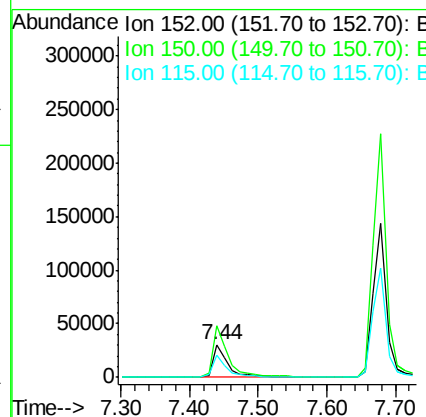
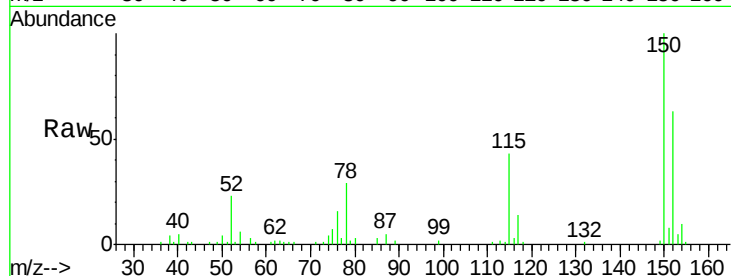
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SS8-0-2IN

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.5	188.3
115	67.9	52.0	78.0

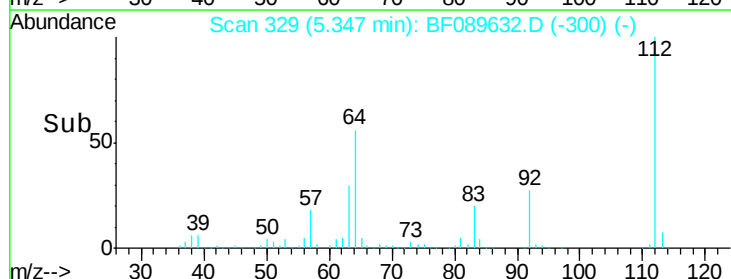
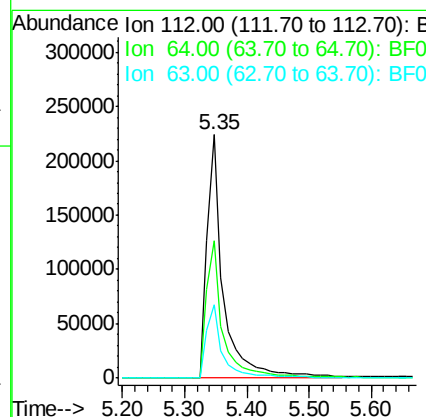
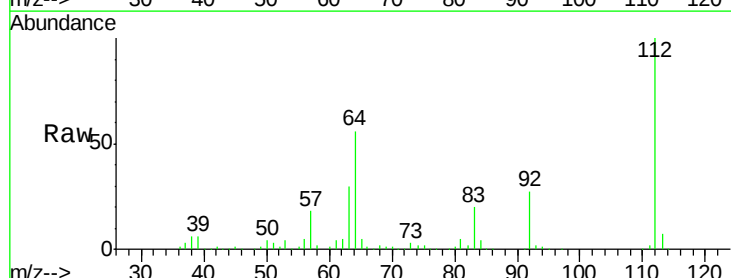
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#5
 2-Fluorophenol
 Concen: 139.25 ng
 RT: 5.35 min Scan# 329
 Delta R.T. 0.04 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	49.9	74.9
63	30.0	26.1	39.1





#7

Phenol-d6

Concen: 134.44 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089632.D

Acq: 5 Aug 2016 16:02

Instrument :

BNA_F

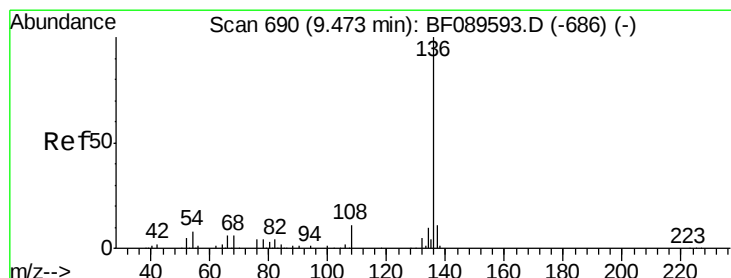
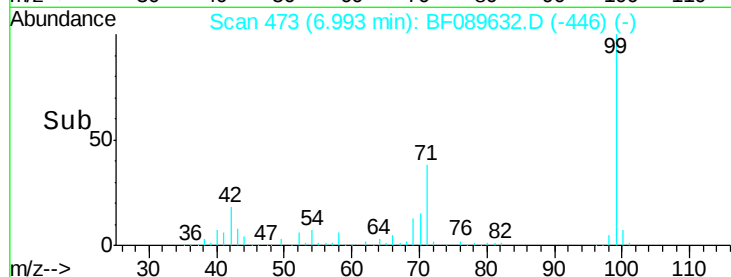
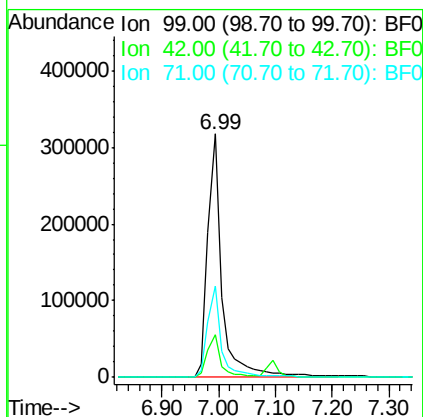
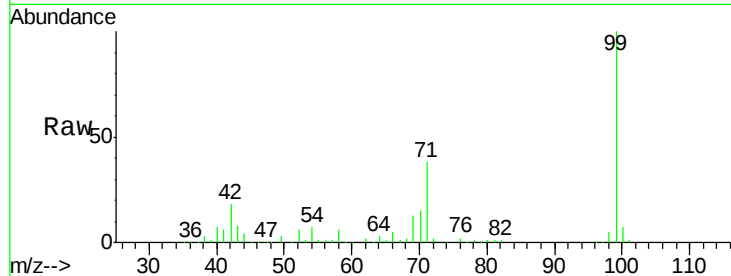
ClientSampleId :

SS8-0-2IN

Tgt Ion:	99	Resp:	539991
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.7	20.5
71	37.5	29.0	43.4

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#21

Naphthalene-d8

Concen: 20.00 ng

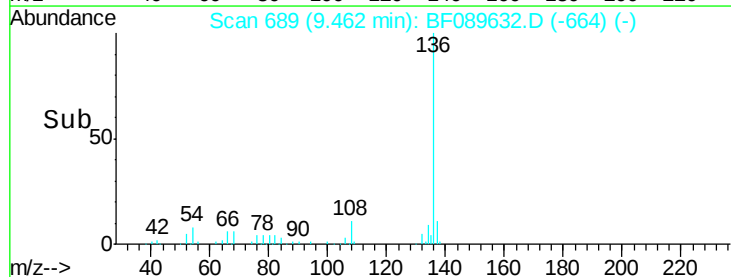
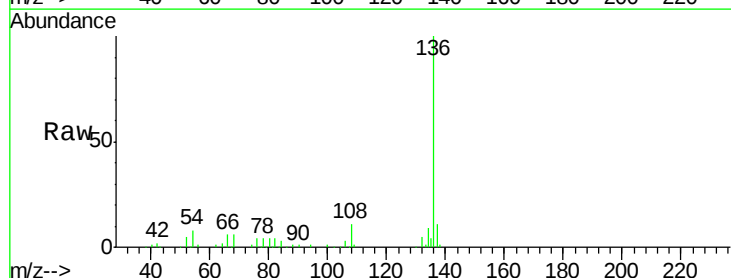
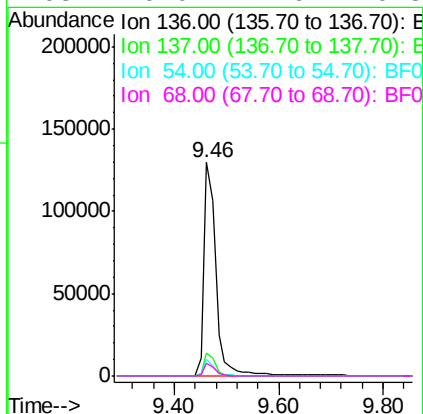
RT: 9.46 min Scan# 689

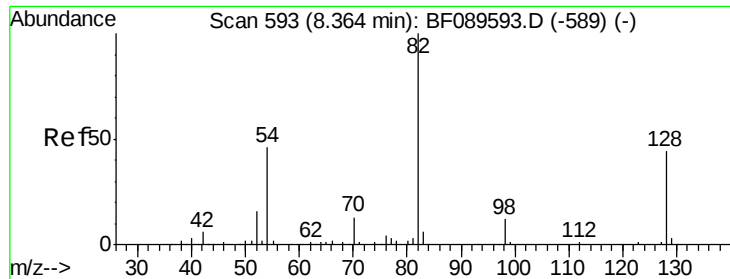
Delta R.T. -0.01 min

Lab File: BF089632.D

Acq: 5 Aug 2016 16:02

Tgt Ion:	136	Resp:	210980
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	8.1	6.0	9.0
68	6.0	4.6	6.8





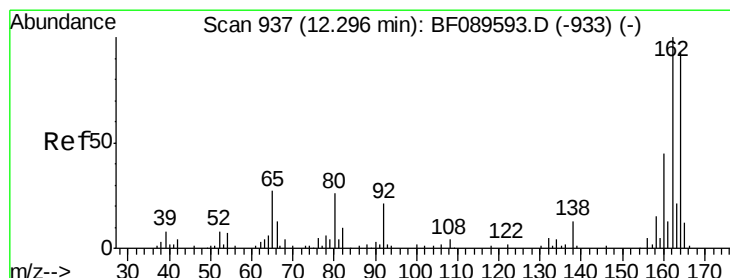
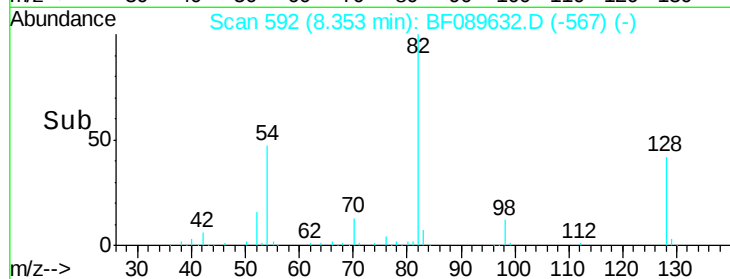
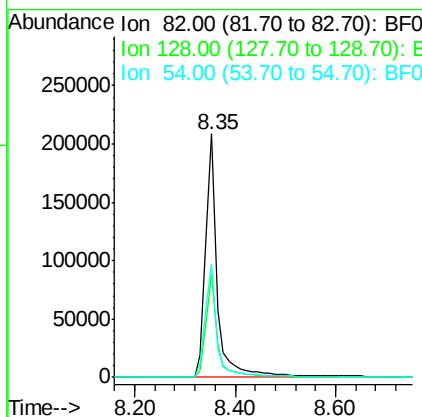
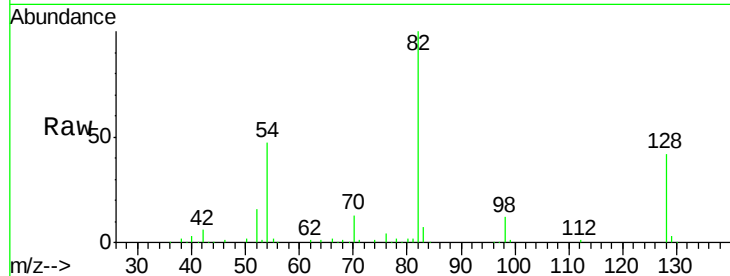
#23
 Nitrobenzene-d5
 Concen: 91.06 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SS8-0-2IN

Tgt Ion:	82	Resp:	347316
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.4	53.0
54	46.6	36.4	54.6

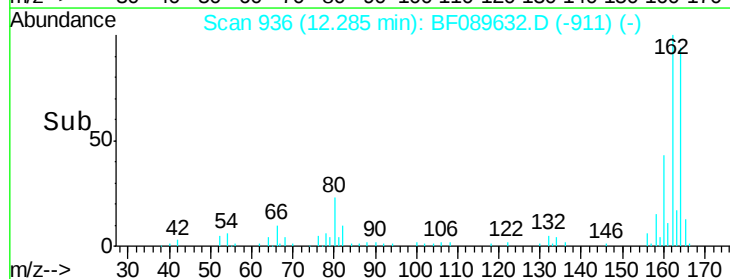
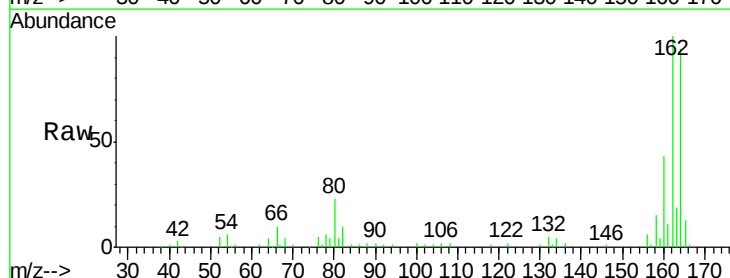
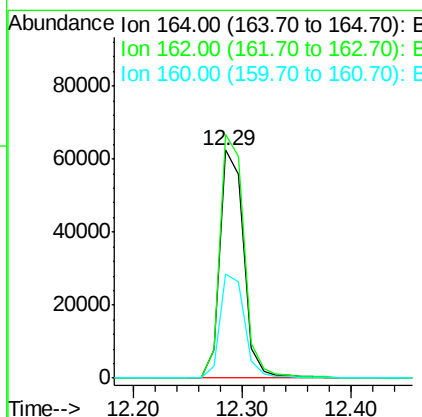
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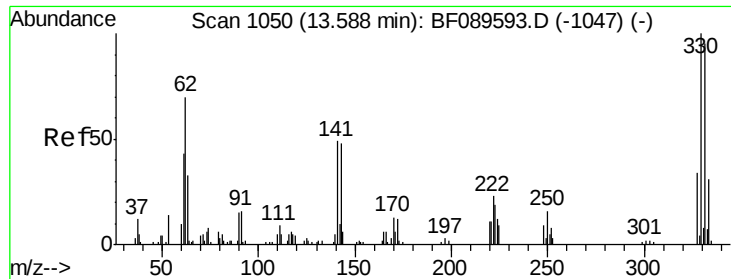
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.29 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Tgt Ion:	164	Resp:	95231
Ion Ratio	Lower	Upper	
164	100		
162	106.9	85.7	128.5
160	45.5	38.2	57.4





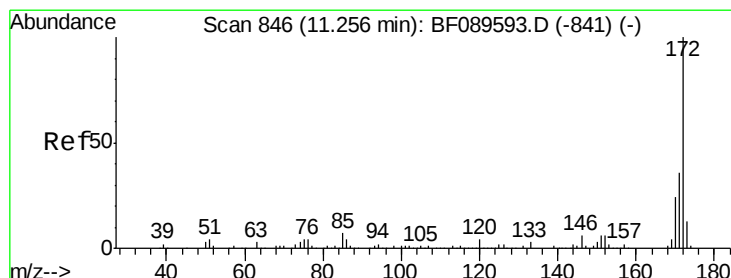
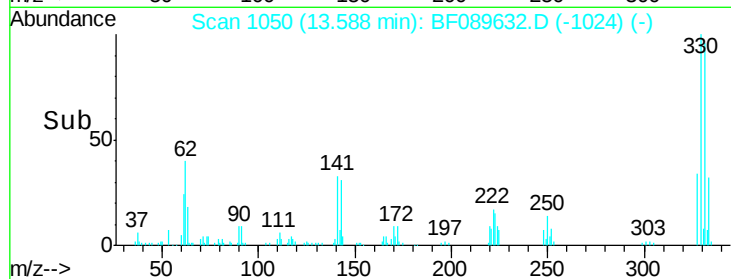
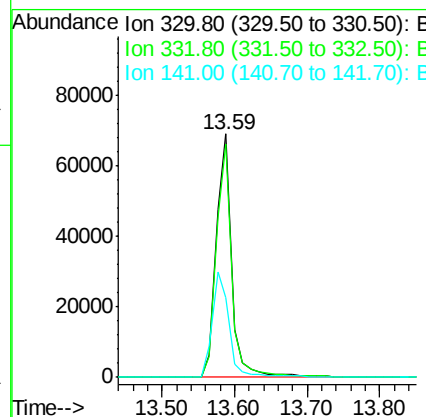
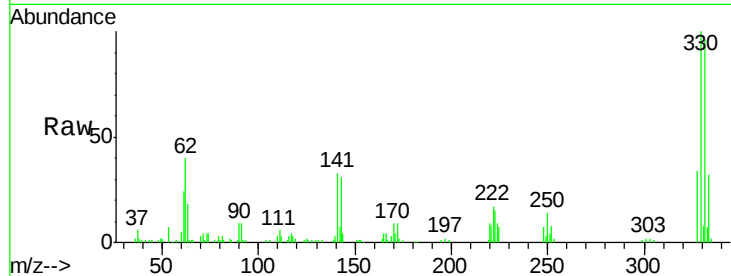
#41
 2,4,6-Tribromophenol
 Concen: 130.34 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SS8-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	102433		
332	96.0	77.0	115.6	
141	47.1	38.6	57.8	

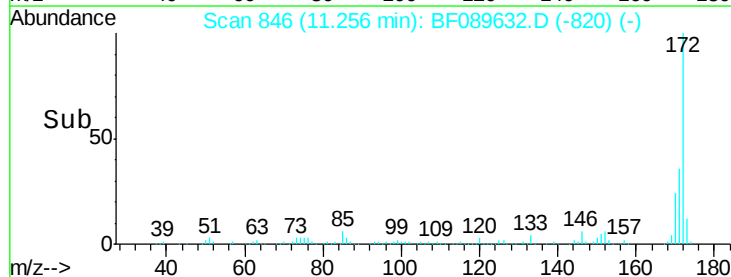
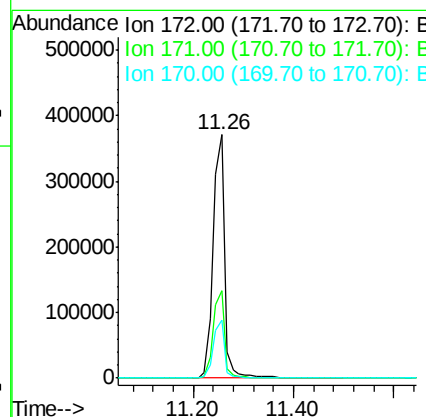
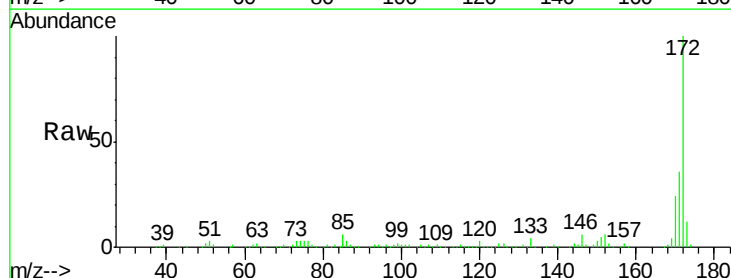
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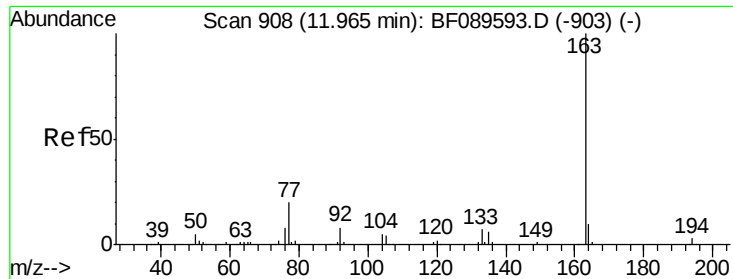
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#44
 2-Fluorobiphenyl
 Concen: 81.19 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	594947		
171	36.1	28.9	43.3	
170	23.7	19.0	28.6	





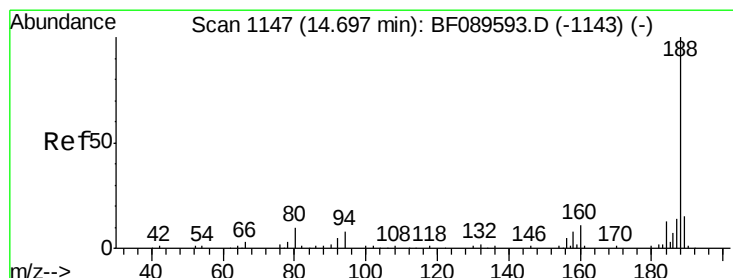
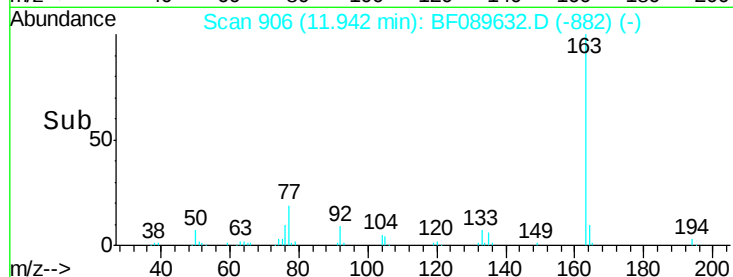
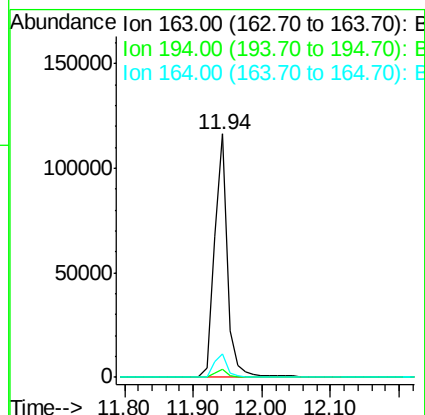
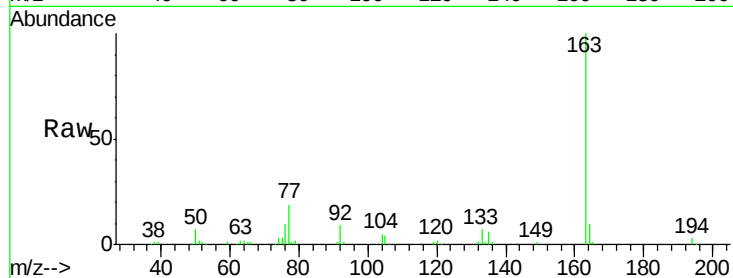
#49
Dimethylphthalate
Concen: 20.77 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089632.D
Acq: 5 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.7	4.1
164	9.8	7.8	11.6

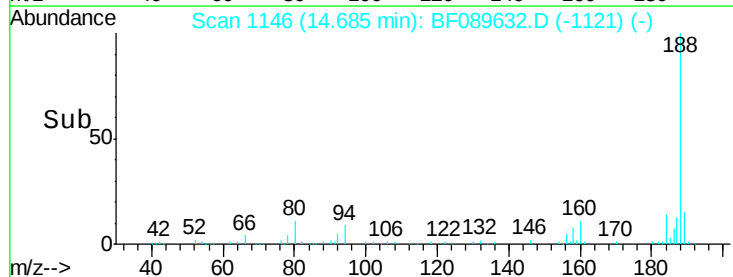
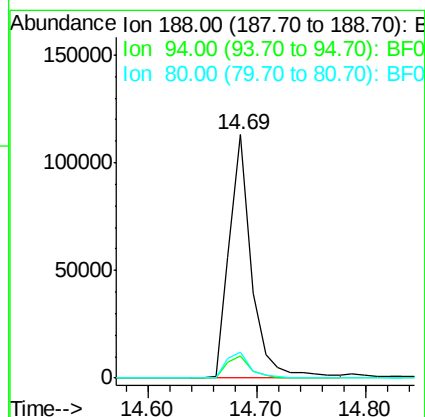
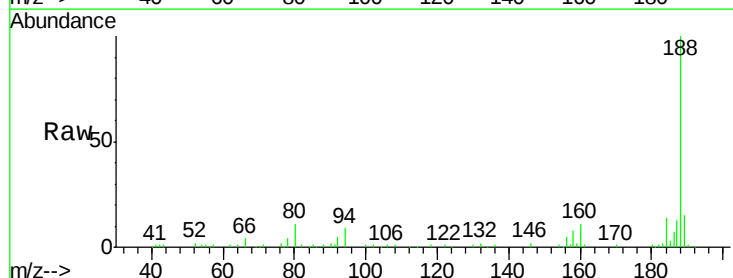
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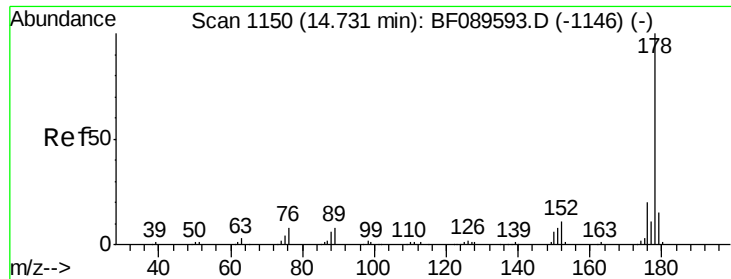
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089632.D
Acq: 5 Aug 2016 16:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	6.5	9.7
80	10.7	8.0	12.0





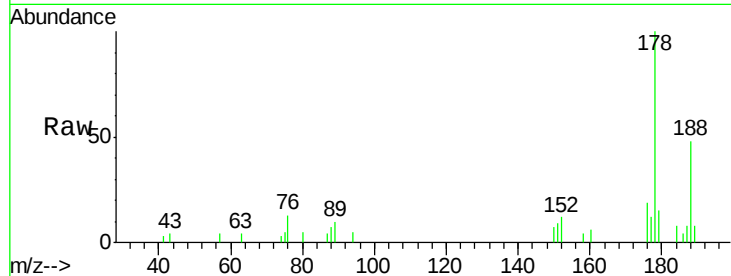
#70
 Phenanthrene
 Concen: 2.09 ng
 RT: 14.72 min Scan# 1149
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 Acq: 5 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SS8-0-2IN

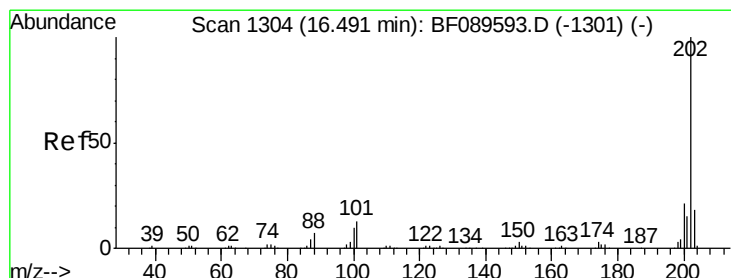
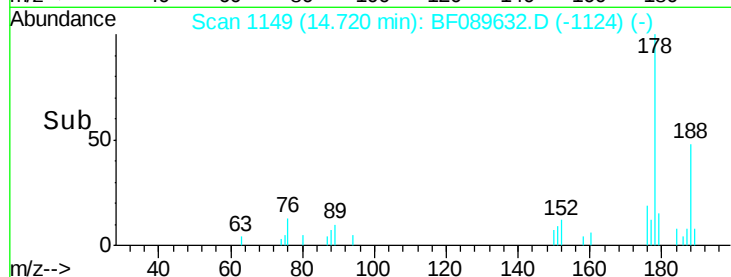
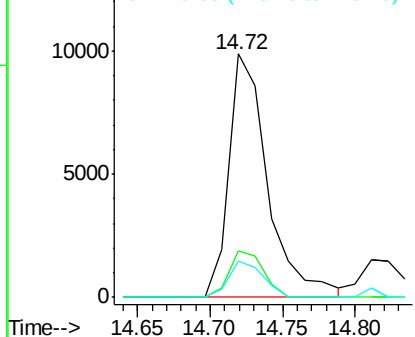
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	14.9	12.2	18.2

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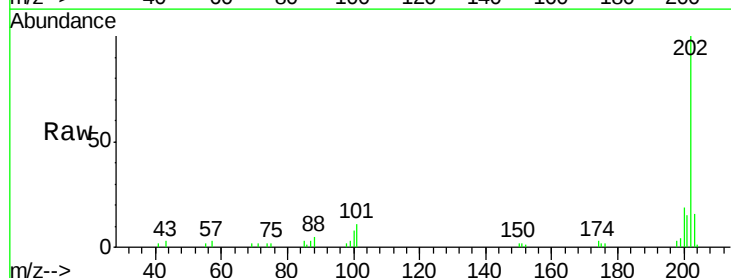


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

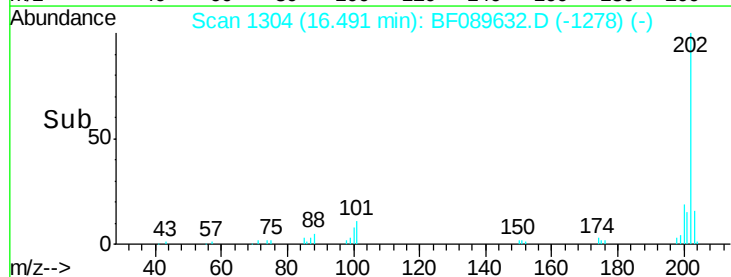
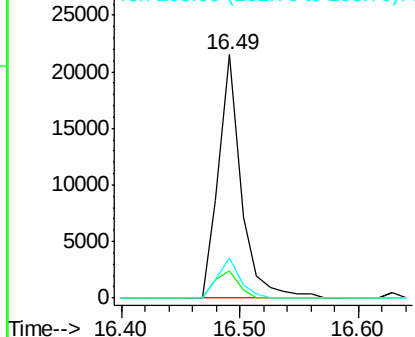


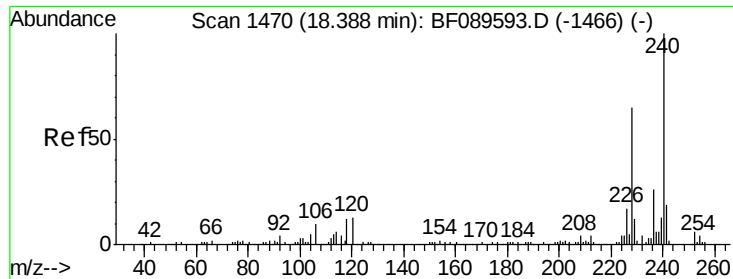
#74
 Fluoranthene
 Concen: 3.17 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.7
203	16.3	0.0	37.8



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





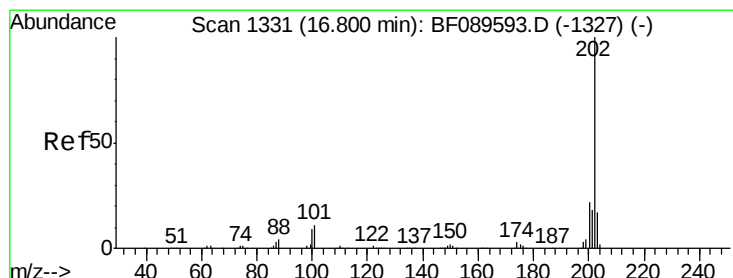
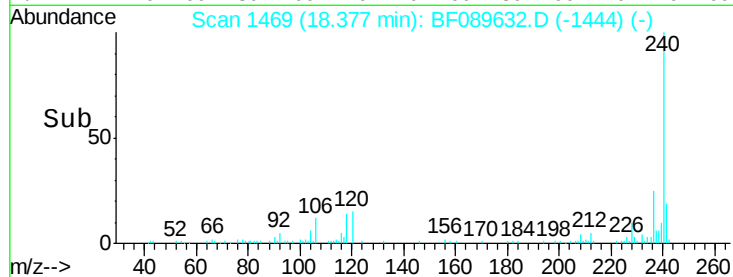
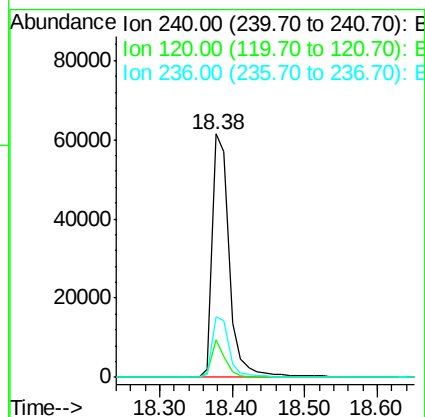
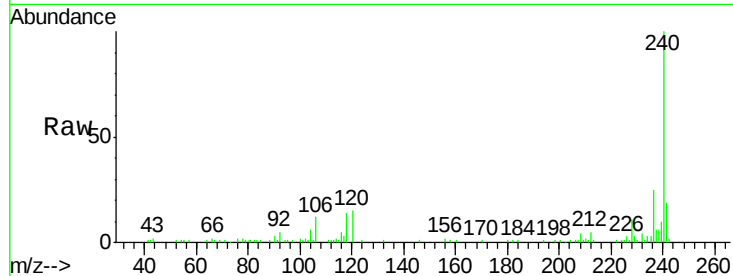
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.38 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SS8-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	101193		
120	15.5	10.6	15.8	
236	24.9	20.6	30.8	

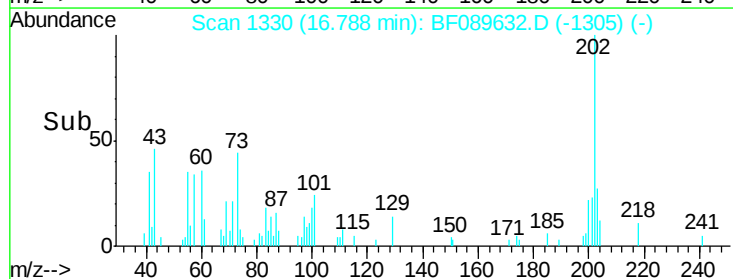
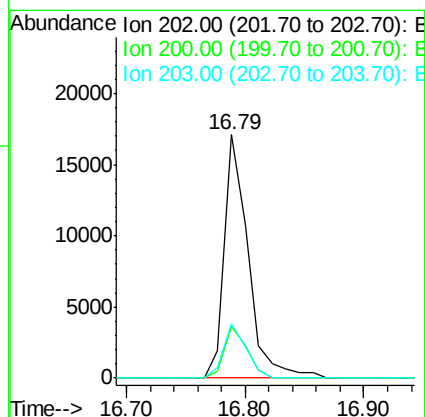
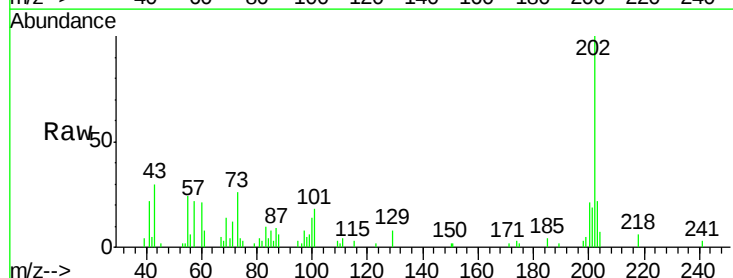
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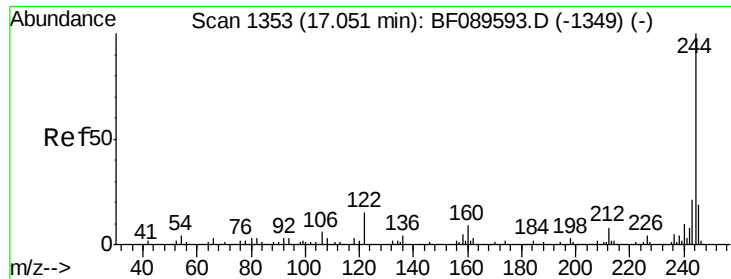
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#77
 Pyrene
 Concen: 2.64 ng
 RT: 16.79 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	23656		
200	21.0	17.4	26.0	
203	22.3	13.6	20.4	





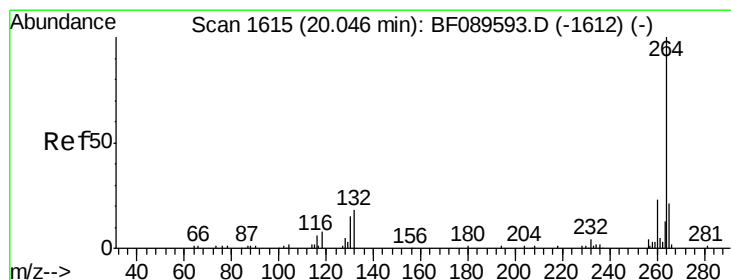
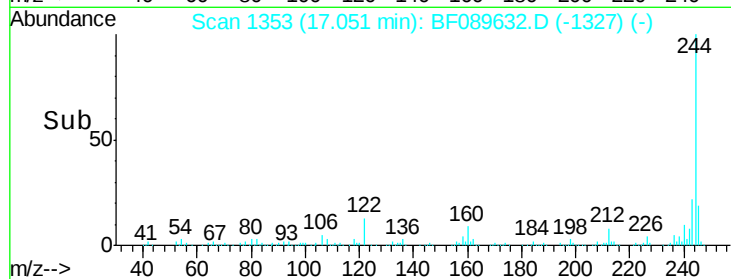
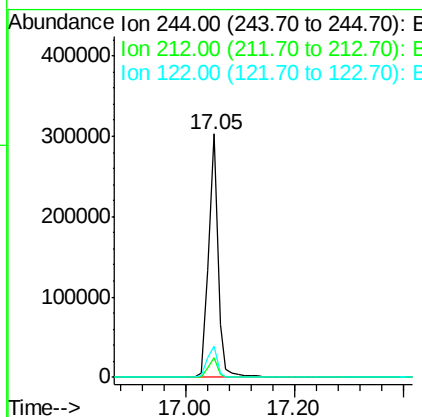
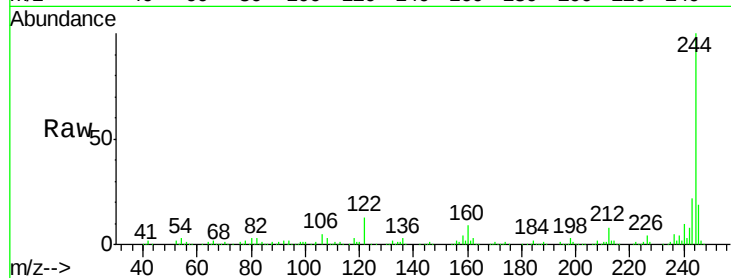
#78
 Terphenyl-d14
 Concen: 72.17 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SS8-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	369928		
212	8.0	6.4	9.6	
122	13.0	12.2	18.2	

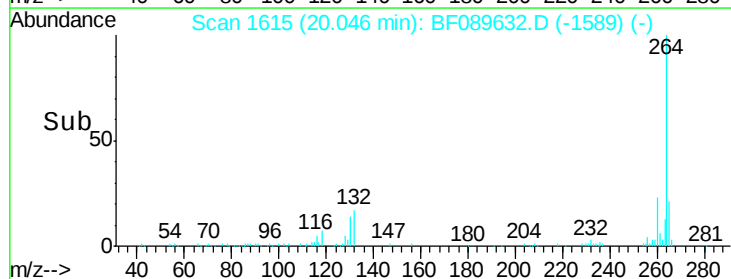
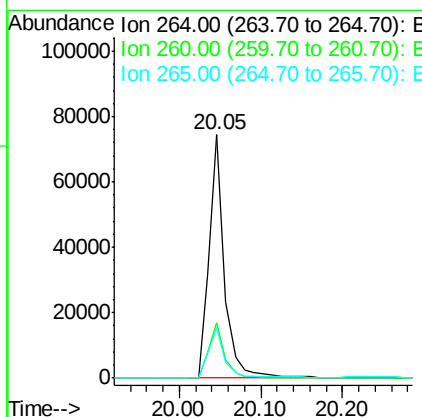
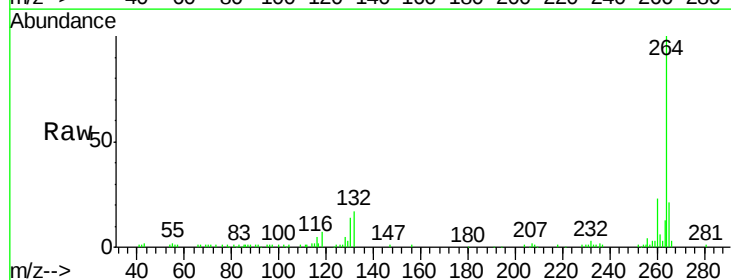
Manual Integrations
 APPROVED

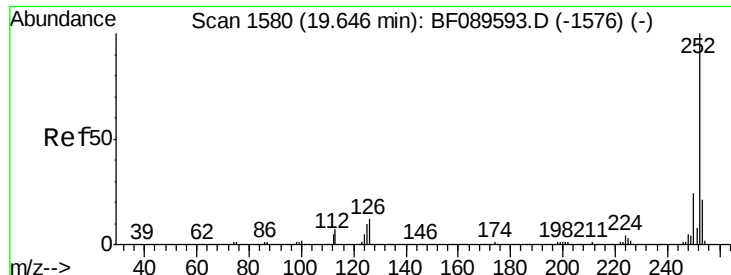
umangi
 8/8/2016 9:12:38 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089632.D
 Acq: 5 Aug 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	99356		
260	22.6	18.7	28.1	
265	20.9	16.5	24.7	





#87

Benzo(b)fluoranthene

Concen: 2.71 ng m

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089632.D

Acq: 5 Aug 2016 16:02

Instrument :

BNA_F

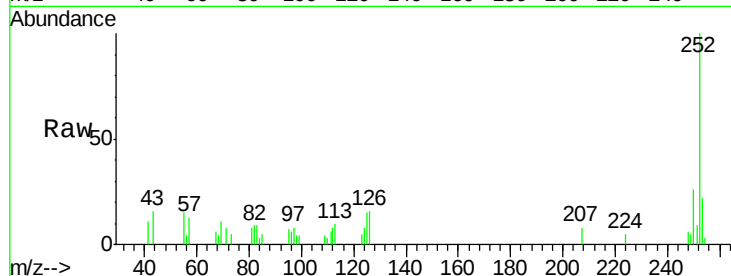
ClientSampleId :

SS8-0-2IN

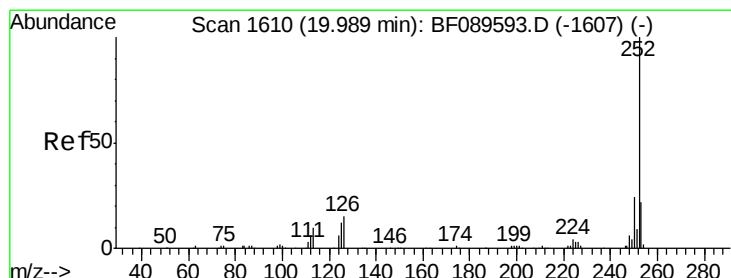
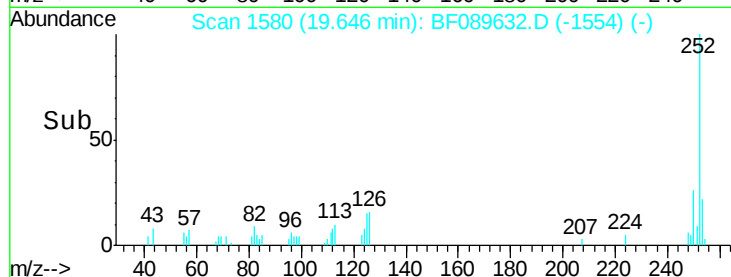
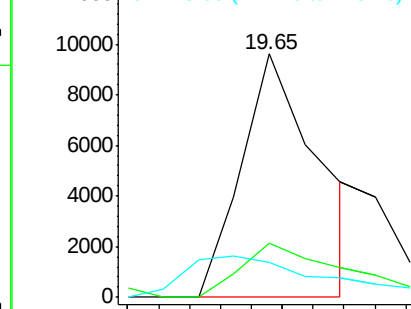
Tgt Ion:	252	Resp:	16557
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	14.5	7.8	11.8#

Manual Integrations
APPROVED

umangi
8/8/2016 9:12:38 AM



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



#89

Benzo(a)pyrene

Concen: 2.20 ng

RT: 19.99 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF089632.D

Acq: 5 Aug 2016 16:02

Tgt Ion:	252	Resp:	12583
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.4	26.0
125	20.0	9.9	14.9#

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

