

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090206.D
 Acq On : 23 Sep 2016 19:11
 Operator : UM/SJ
 Sample : H4887-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17A

Manual Integrations
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Quant Time: Sep 26 04:43:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 23:35:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	127026	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	478858	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	232966	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	298381	20.00	ng	0.00
75) Chrysene-d12	13.60	240	264085	20.00	ng	0.00
86) Perylene-d12	14.93	264	263493	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	793920	101.88	ng	0.01
7) Phenol-d6	6.16	99	1135409	117.97	ng	0.01
23) Nitrobenzene-d5	7.06	82	566940	68.63	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	203447	101.79	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	965687	81.38	ng	0.00
78) Terphenyl-d14	12.57	244	640486	61.57	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.26	163	388232	26.16	ng	99
74) Fluoranthene	12.18	202	31332	2.09	ng	99
77) Pyrene	12.41	202	51089	2.83	ng	98
82) Chrysene	13.62	228	31142m	2.25	ng	

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

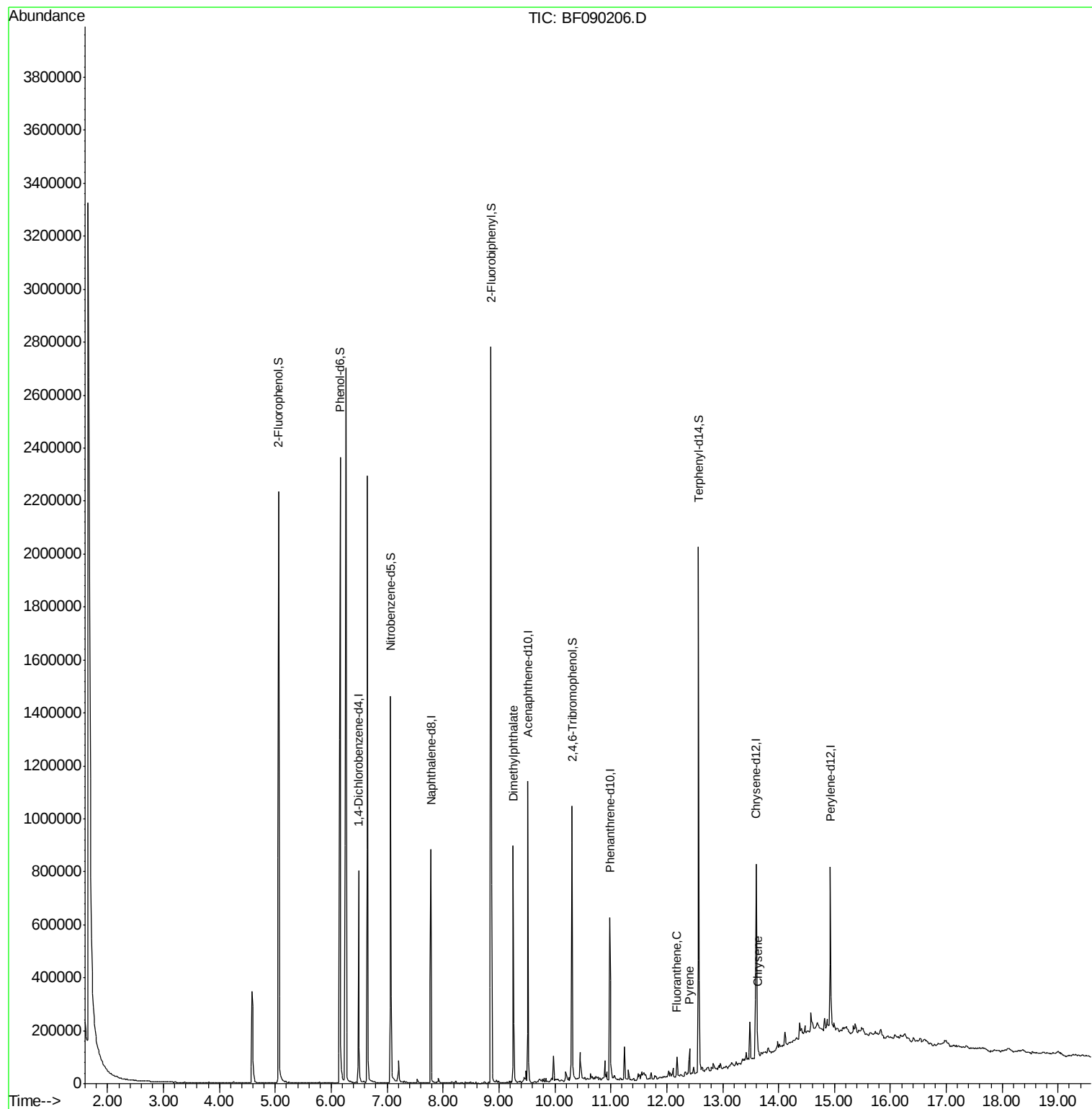
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
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Instrument :
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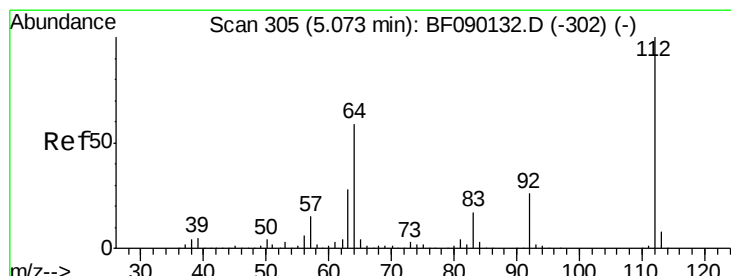
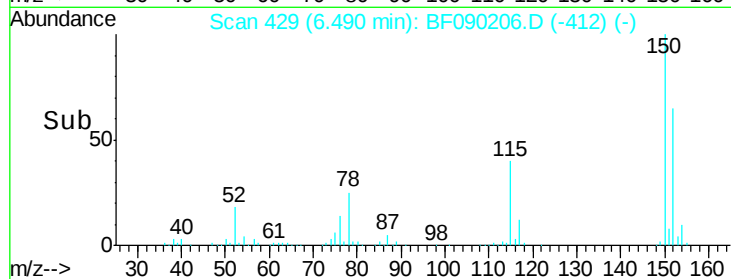
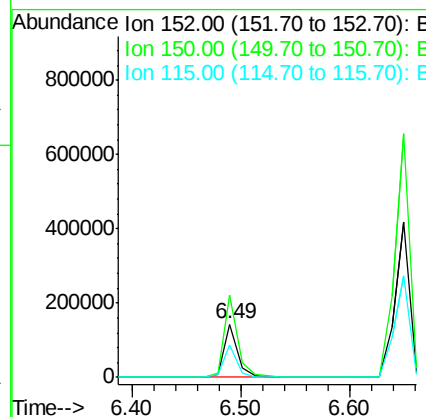
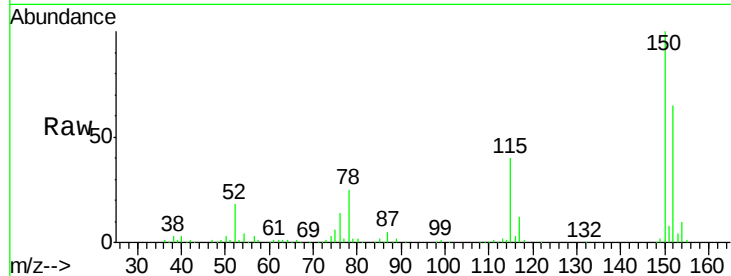
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.49 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	128.9	193.3
115	61.7	55.5	83.3

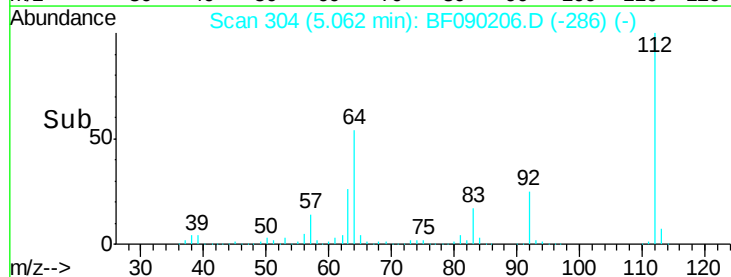
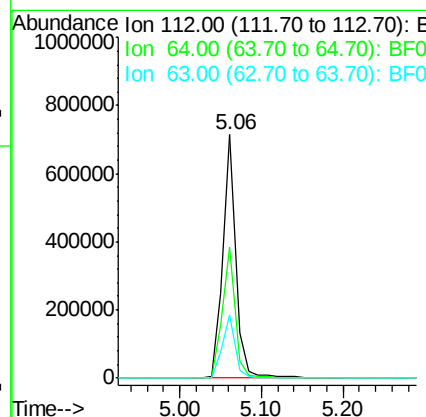
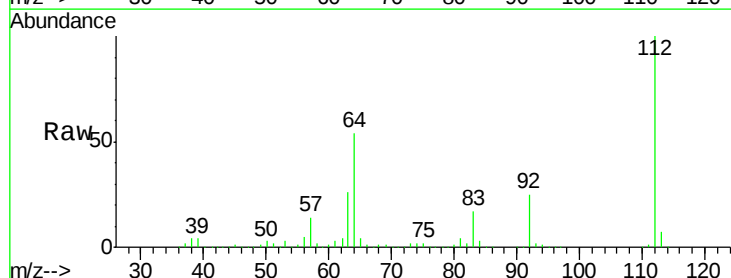
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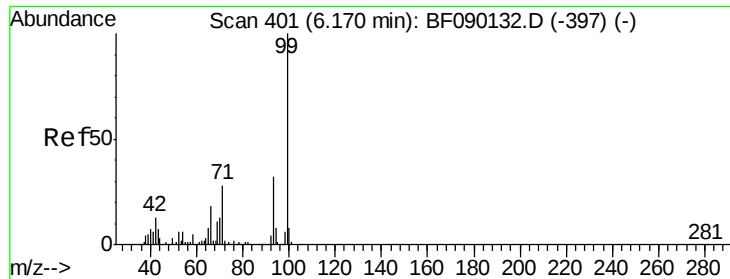
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#5
 2-Fluorophenol
 Concen: 101.88 ng
 RT: 5.06 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	39.8	59.6
63	25.8	18.9	28.3





#7

Phenol-d6

Concen: 117.97 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-17A

Tot Ion: 99 Resp: 1135409

Ion Ratio Lower Upper

99 100

42 12.5 10.6 15.8

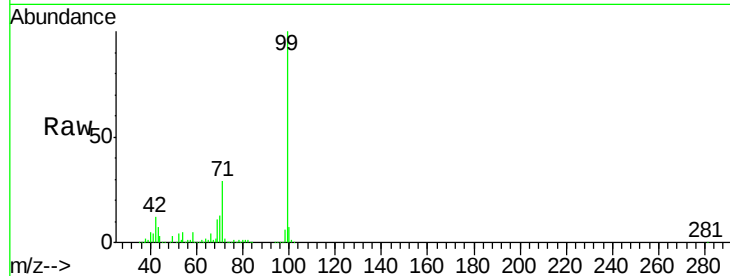
71 29.3 23.0 34.6

Manual Integrations

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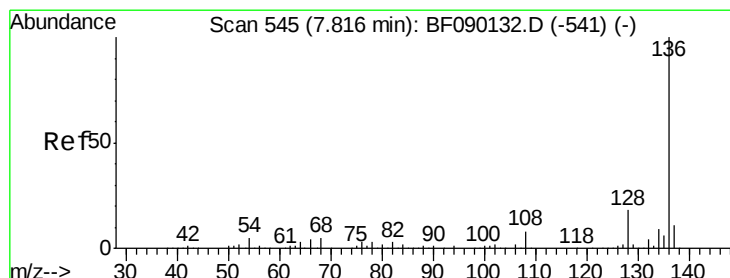
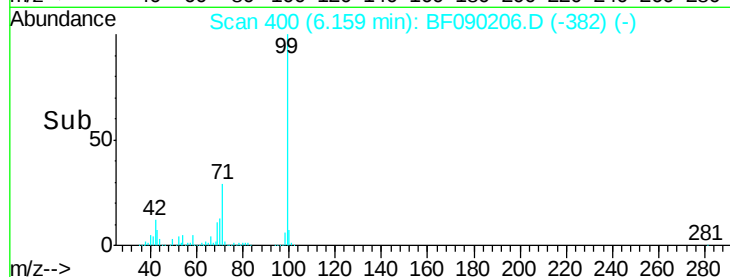
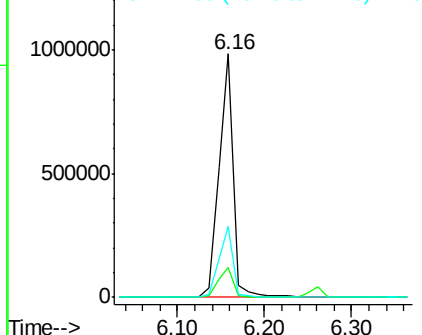
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Tgt Ion: 136 Resp: 478858

Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.1 6.4 9.6#

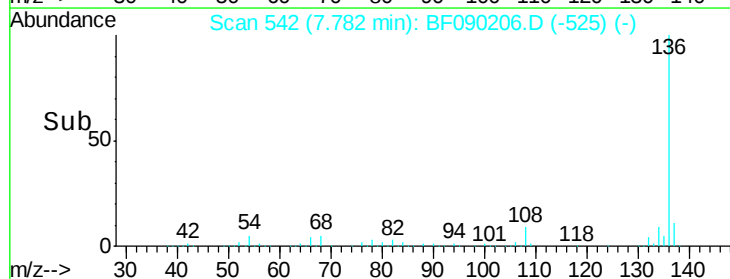
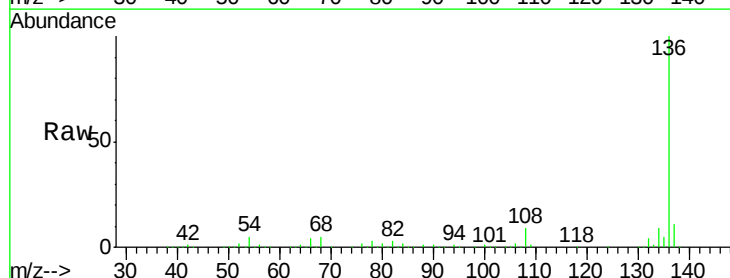
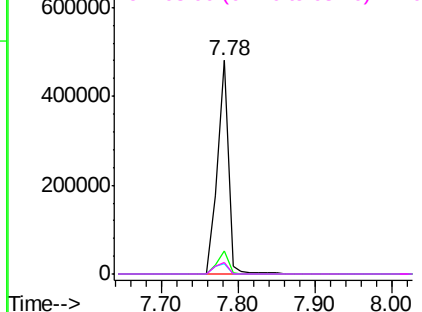
68 5.1 6.3 9.5#

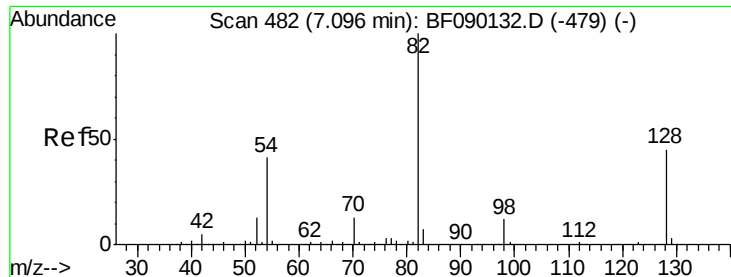
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





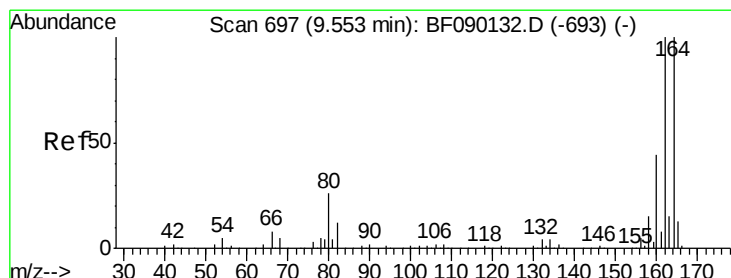
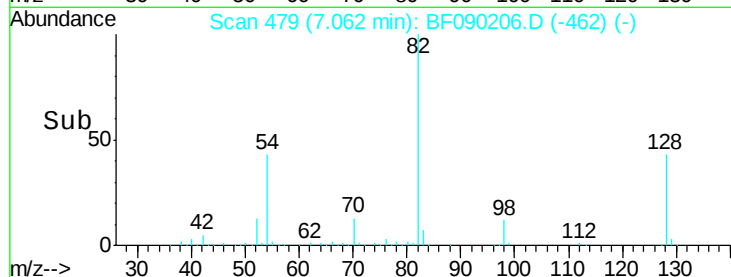
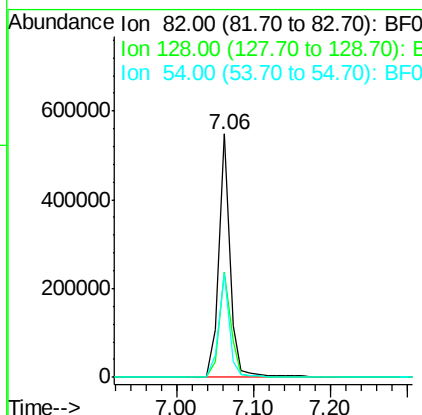
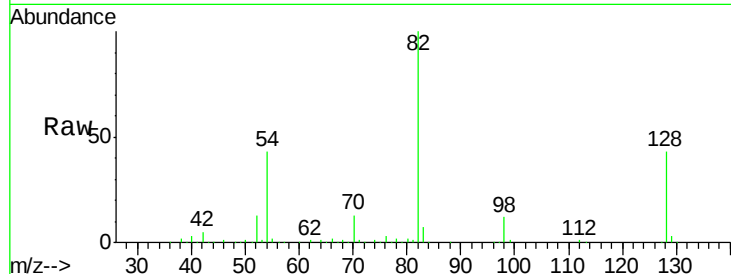
#23
 Nitrobenzene-d5
 Concen: 68.63 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17A

Tot Ion:	82	Resp:	566940
Ion Ratio	Lower	Upper	
82	100		
128	43.4	37.5	56.3
54	42.6	31.9	47.9

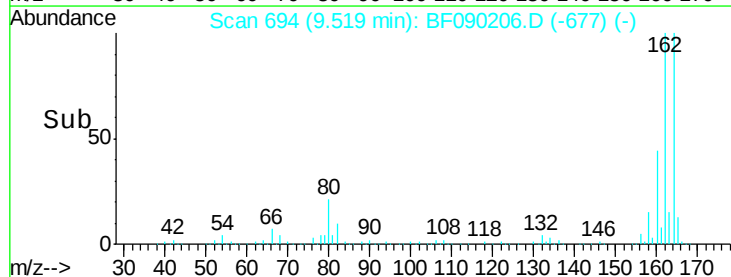
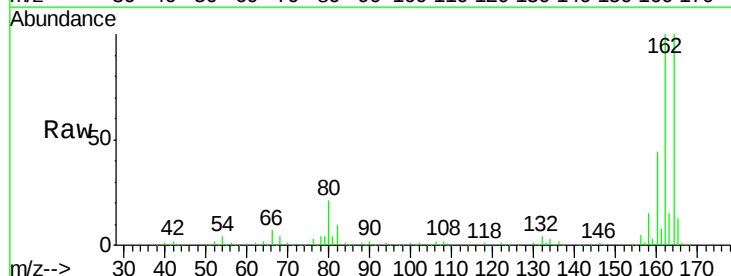
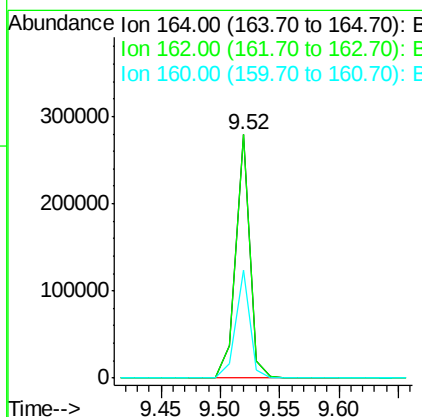
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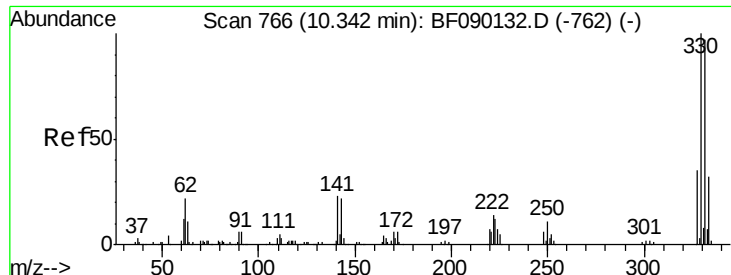
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Tgt Ion:	164	Resp:	232966
Ion Ratio	Lower	Upper	
164	100		
162	100.2	81.4	122.2
160	44.5	36.6	54.8





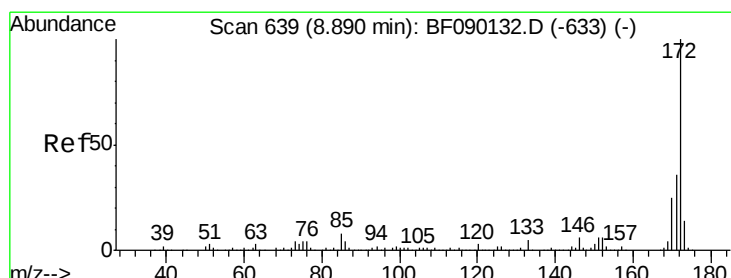
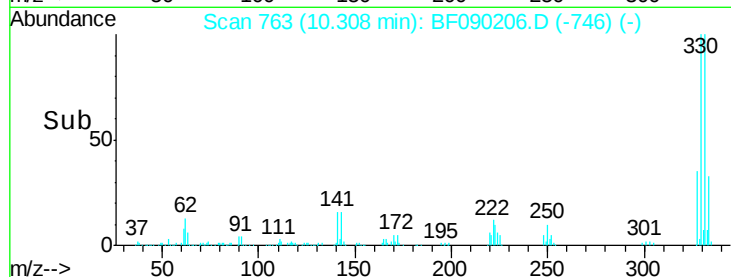
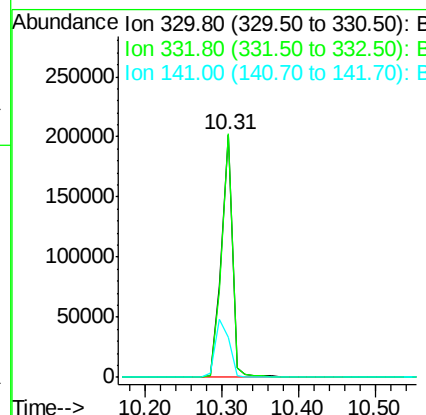
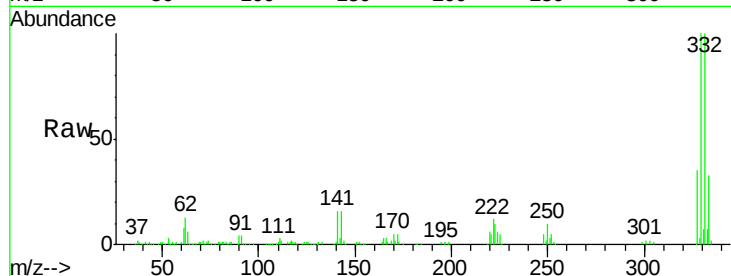
#41
 2,4,6-Tribromophenol
 Concen: 101.79 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	203447		
332	99.0	78.1	117.1	
141	30.4	23.9	35.9	

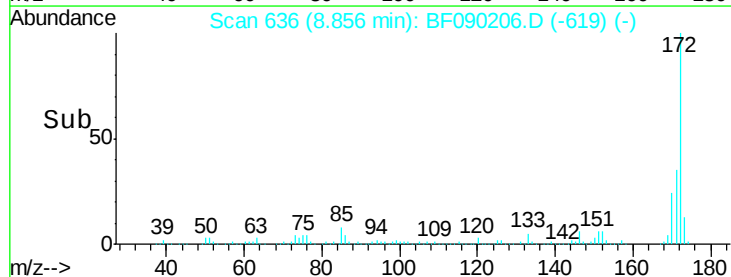
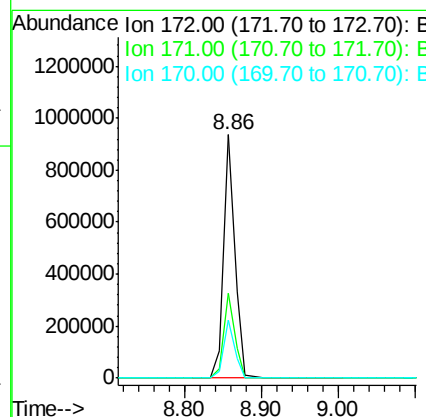
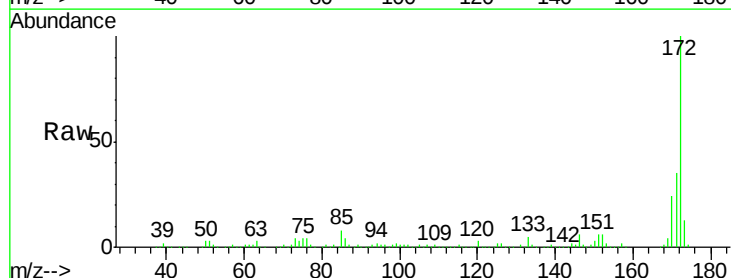
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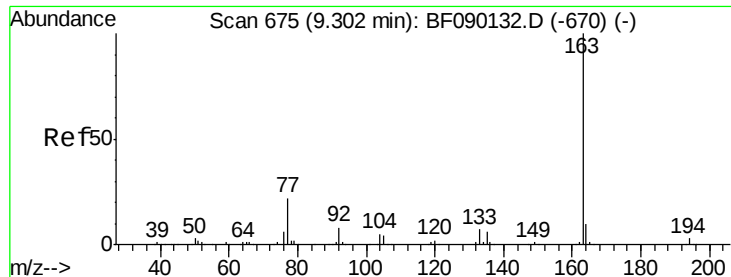
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#44
 2-Fluorobiphenyl
 Concen: 81.38 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	965687		
171	35.1	29.2	43.8	
170	24.0	19.8	29.8	





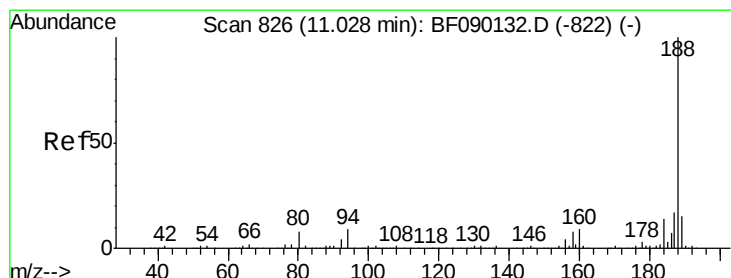
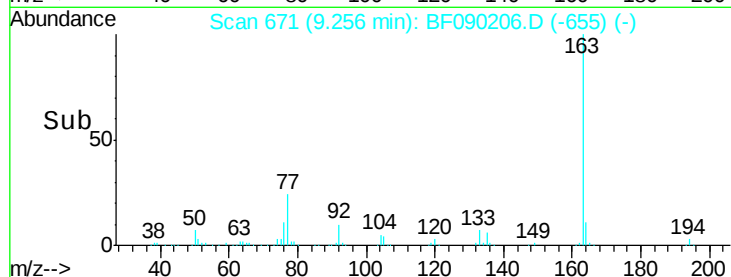
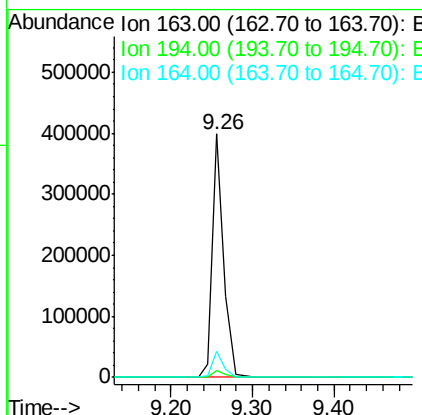
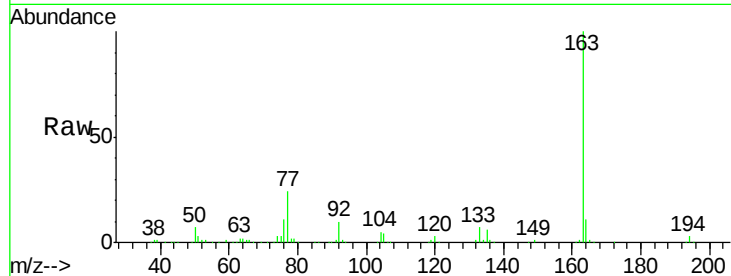
#49
Dimethylphthalate
Concen: 26.16 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	388232		
194	2.9		2.8	4.2
164	10.5		8.1	12.1

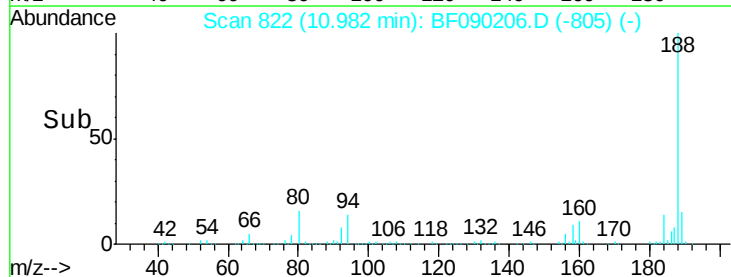
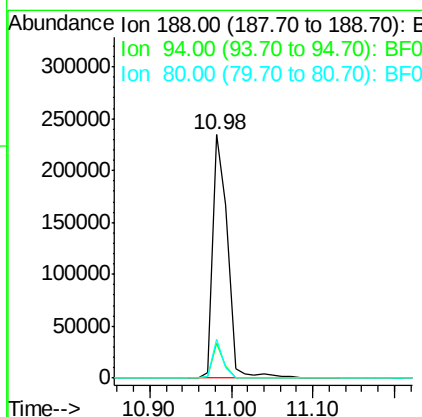
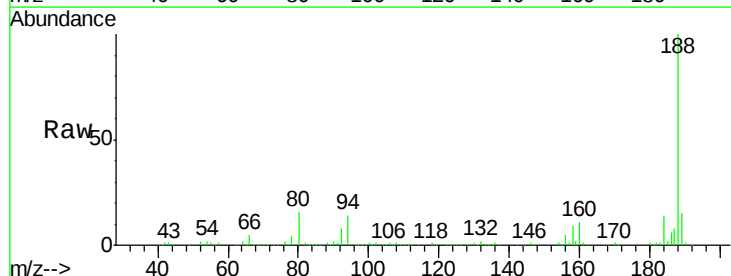
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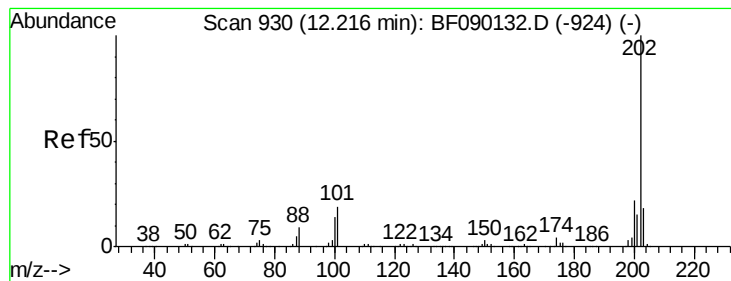
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	298381		
94	14.3		10.5	15.7
80	16.1		11.2	16.8





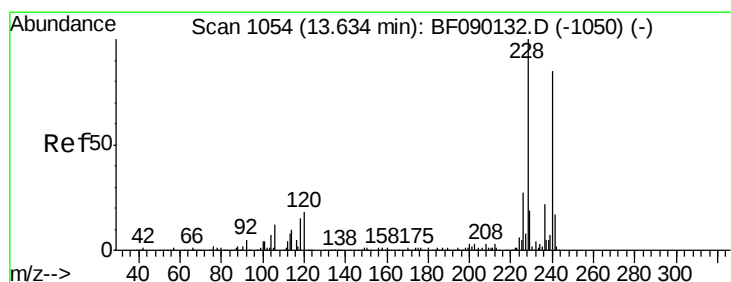
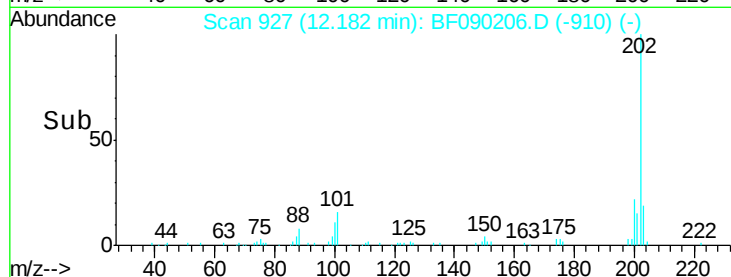
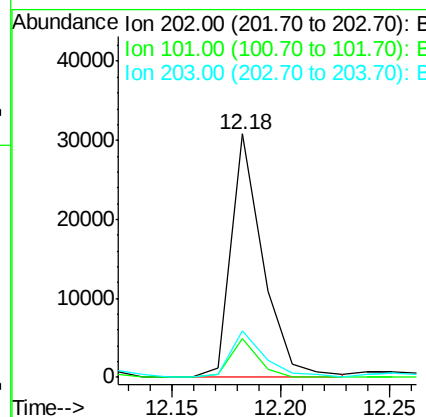
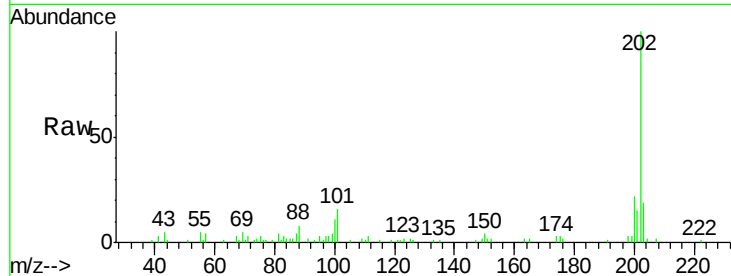
#74
Fluoranthene
Concen: 2.09 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.0	0.0	36.1
203	19.2	0.0	38.2

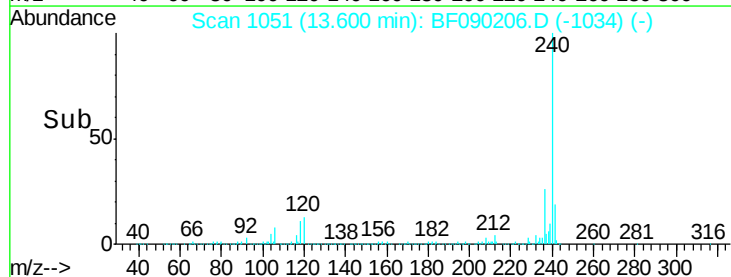
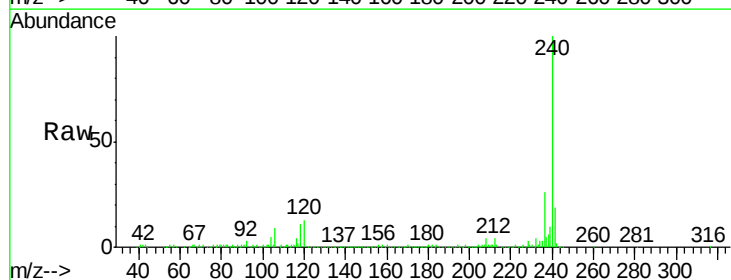
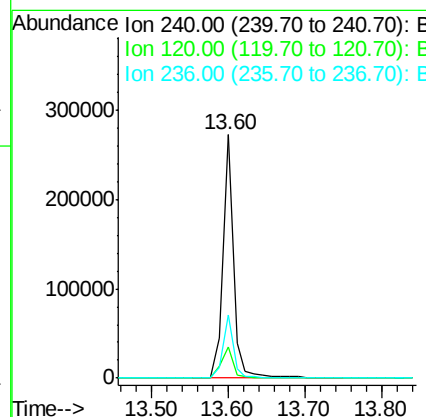
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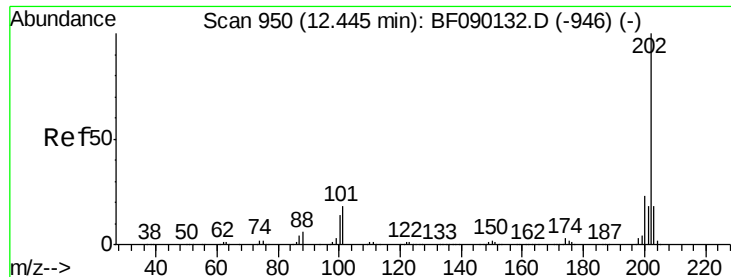
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.7	10.6	16.0
236	26.1	21.6	32.4





#77

Pvrene

Concen: 2.83 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_F

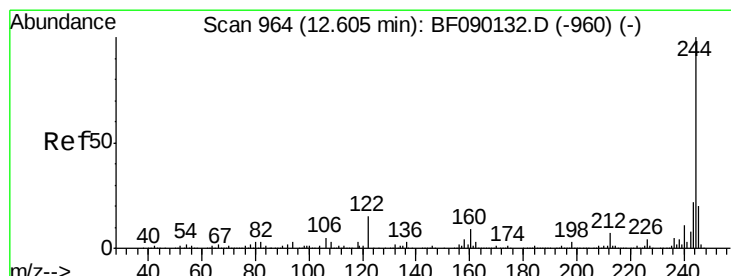
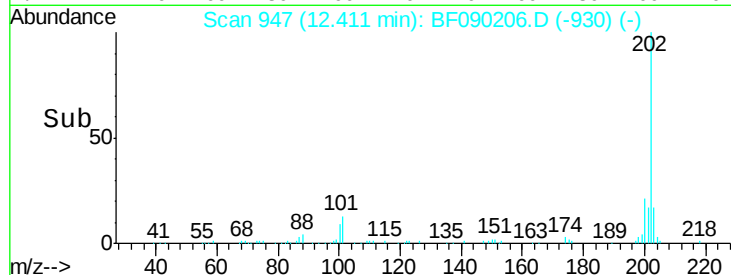
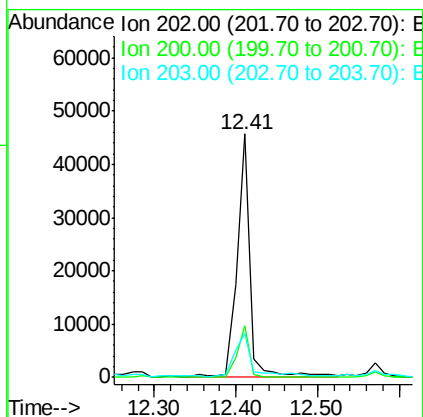
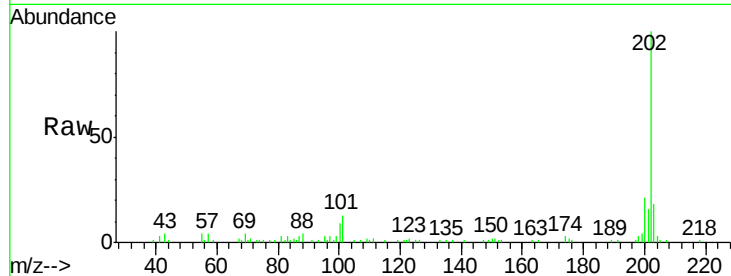
ClientSampleId :

TRACK-D-GRID-17A

Tot Ion:	202	Resp:	51089
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.9	26.9
203	17.8	14.2	21.4

Manual Integrations
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#78

Terphenyl-d14

Concen: 61.57 ng

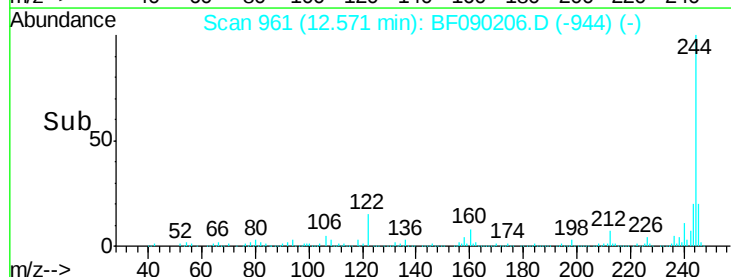
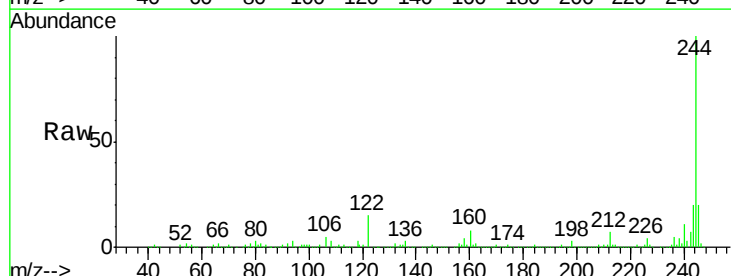
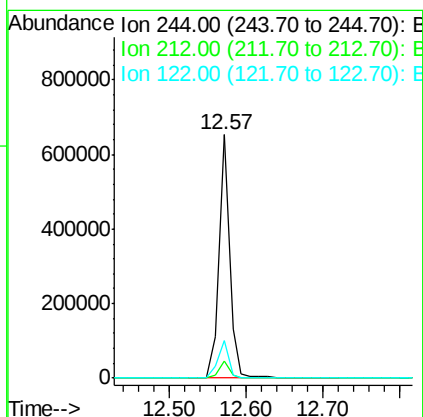
RT: 12.57 min Scan# 961

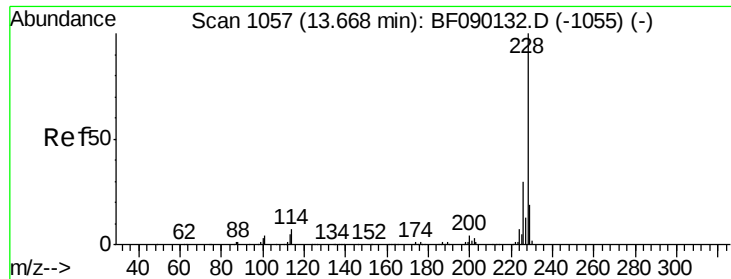
Delta R.T. -0.00 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Tgt Ion:	244	Resp:	640486
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.8
122	15.2	9.4	14.0#





#82

Chrysene

Concen: 2.25 ng/mL

RT: 13.62 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_F

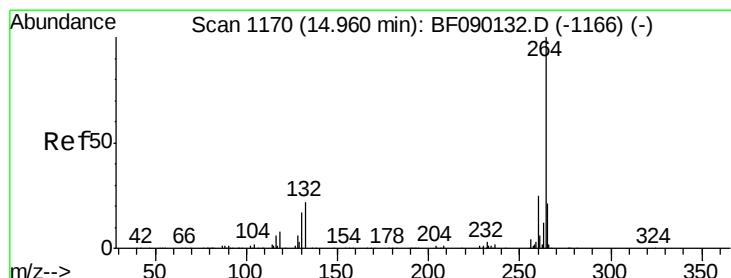
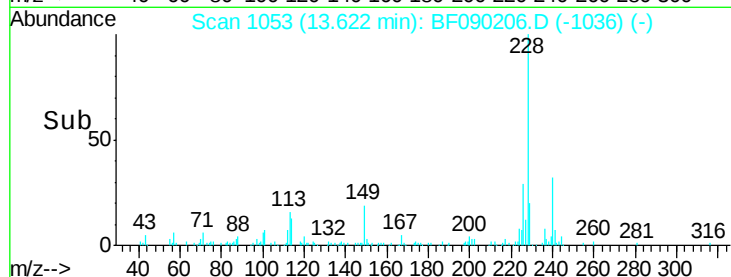
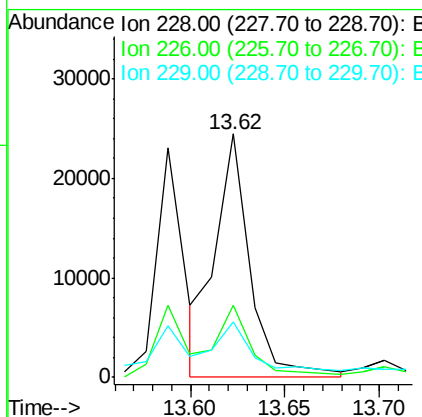
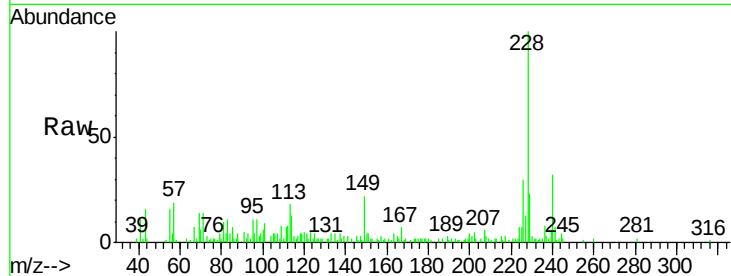
ClientSampleId :

TRACK-D-GRID-17A

Tot Ion:	228	Resp:	31142
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.6	37.0
229	22.9	16.2	24.4

Manual Integrations
APPROVED

sohil
9/26/2016 5:59:26 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.93 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Tgt Ion:	264	Resp:	263493
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.7	17.0	25.4

