

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090207.D
 Acq On : 23 Sep 2016 19:38
 Operator : UM/SJ
 Sample : H4887-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Sep 23 23:38:33 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	122602	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	453667	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	232710	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	270572	20.00	ng	0.00
75) Chrysene-d12	13.60	240	250426	20.00	ng	0.00
86) Perylene-d12	14.93	264	245505	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	848797	112.85	ng	0.01
7) Phenol-d6	6.16	99	1203213	129.53	ng	0.01
23) Nitrobenzene-d5	7.06	82	607295	77.60	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	226497	113.45	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1040103	87.74	ng	0.00
78) Terphenyl-d14	12.57	244	666925	67.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.26	163	333535	22.50	ng	98
70) Phenanthrene	11.00	178	44454	3.51	ng	98
74) Fluoranthene	12.18	202	38725	2.85	ng	99
77) Pyrene	12.41	202	69864	4.08	ng	97
80) Benzo(a)anthracene	13.59	228	29855m	2.22	ng	
82) Chrysene	13.62	228	36147m	2.75	ng	

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

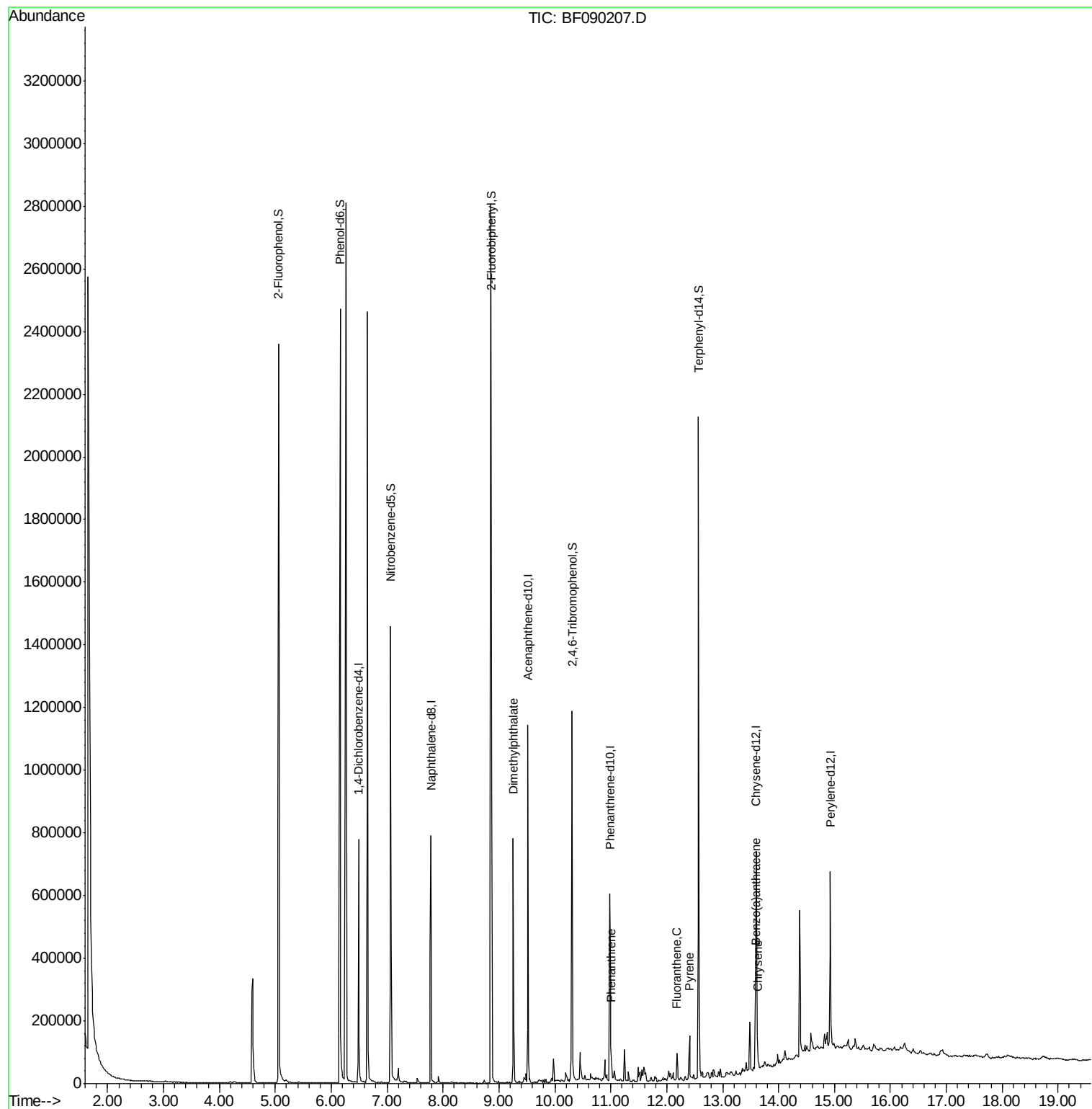
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090207.D
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Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

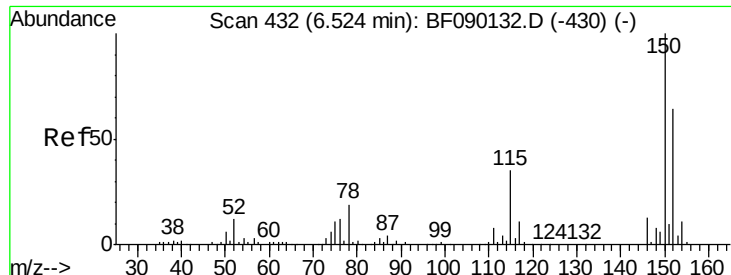
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17B

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Quant Time: Sep 23 23:38:33 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

Instrument :

BNA_F

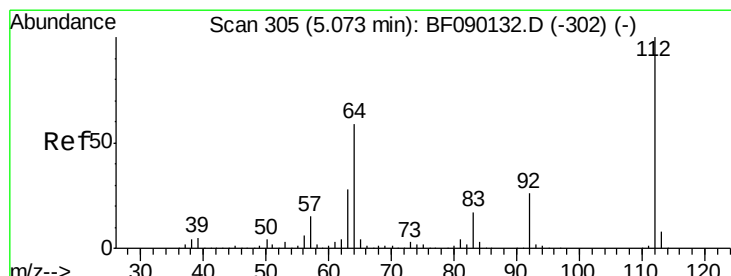
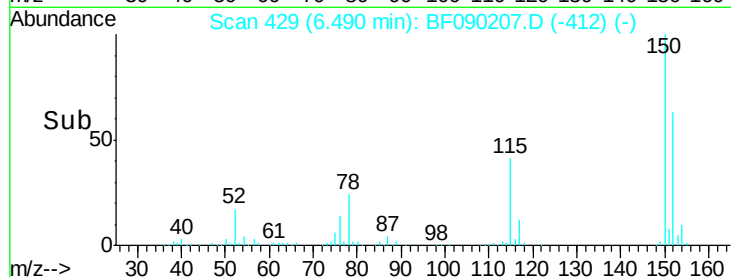
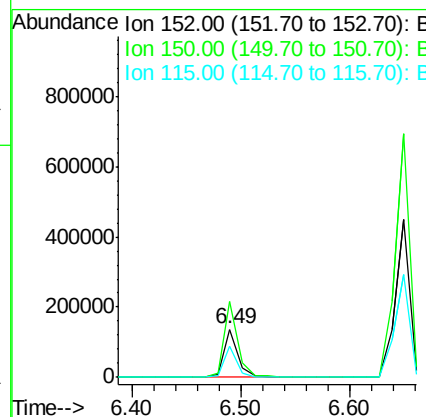
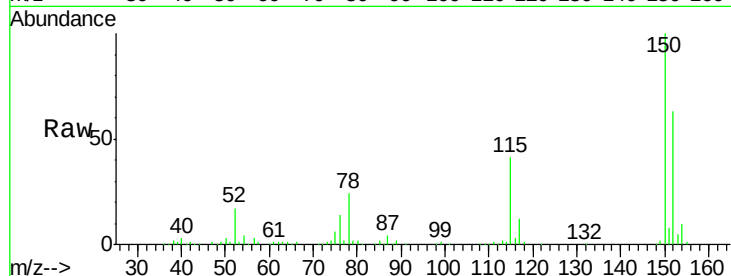
ClientSampleId :

TRACK-D-GRID-17B

Tot Ion:	152	Resp:	122602
Ion Ratio	Lower	Upper	
152	100		
150	157.7	128.9	193.3
115	64.7	55.5	83.3

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#5

2-Fluorophenol

Concen: 112.85 ng

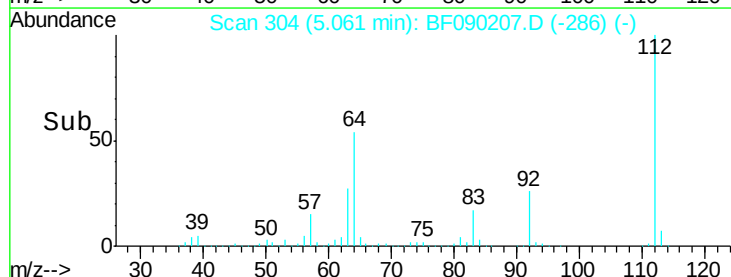
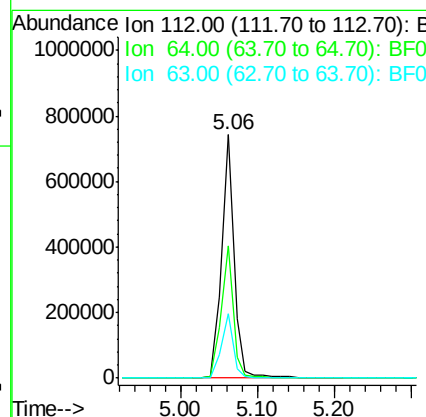
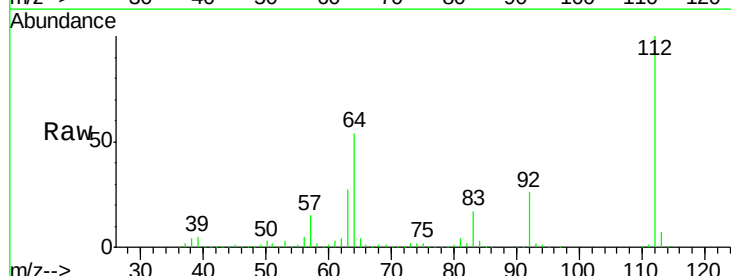
RT: 5.06 min Scan# 304

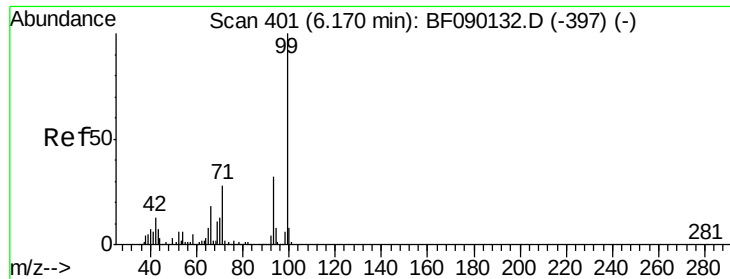
Delta R.T. 0.01 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

Tgt Ion:	112	Resp:	848797
Ion Ratio	Lower	Upper	
112	100		
64	54.4	39.8	59.6
63	26.7	18.9	28.3





#7

Phenol-d6

Concen: 129.53 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-17B

Tot Ion: 99 Resp: 1203213

Ion Ratio Lower Upper

99 100

42 12.8 10.6 15.8

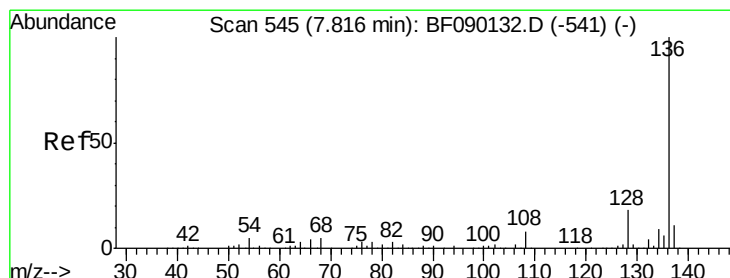
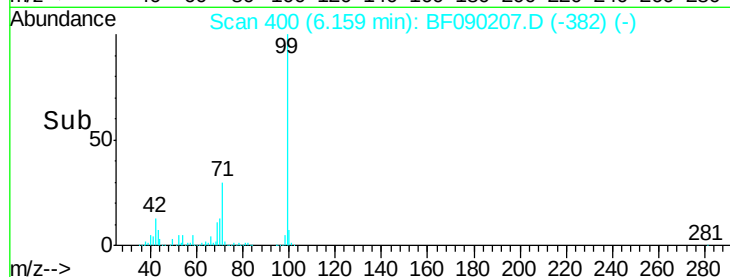
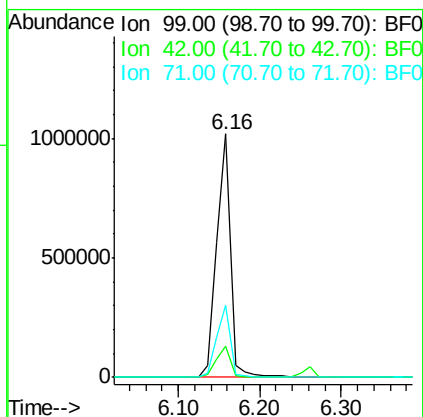
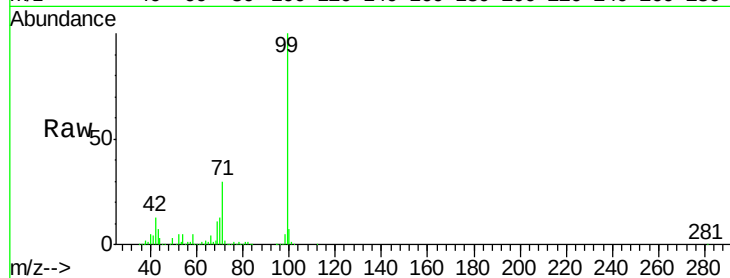
71 29.9 23.0 34.6

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

Tgt Ion: 136 Resp: 453667

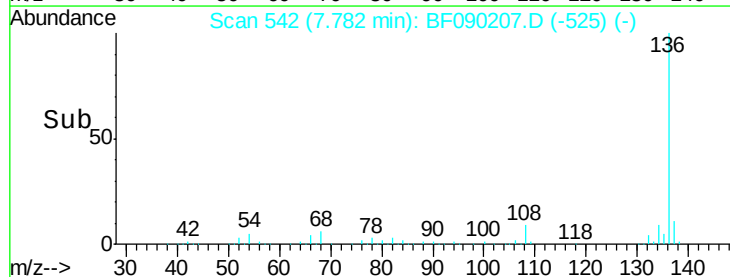
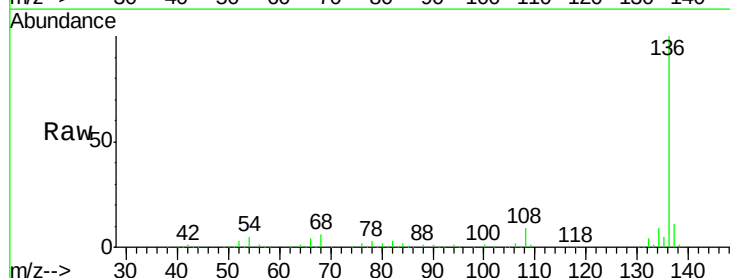
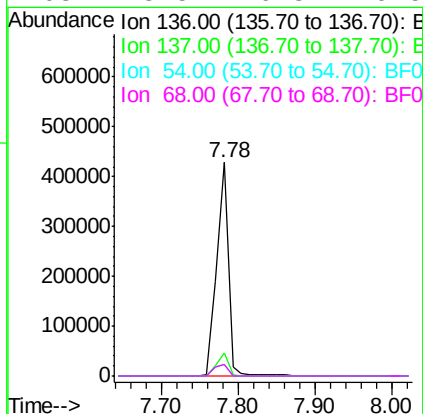
Ion Ratio Lower Upper

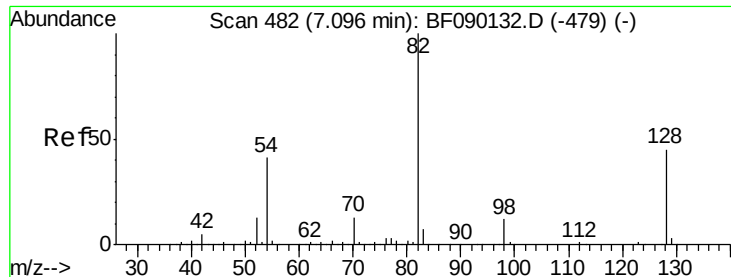
136 100

137 10.6 9.0 13.4

54 5.2 6.4 9.6#

68 5.5 6.3 9.5#





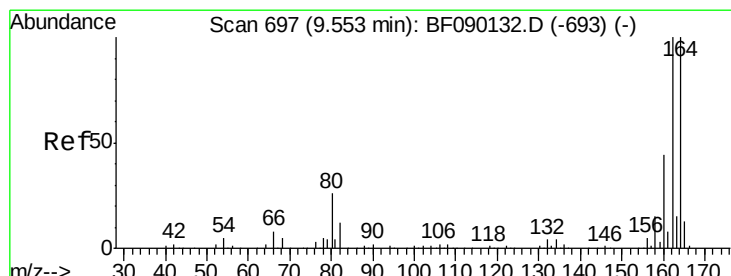
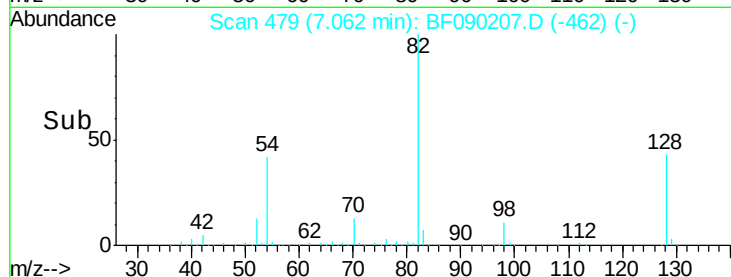
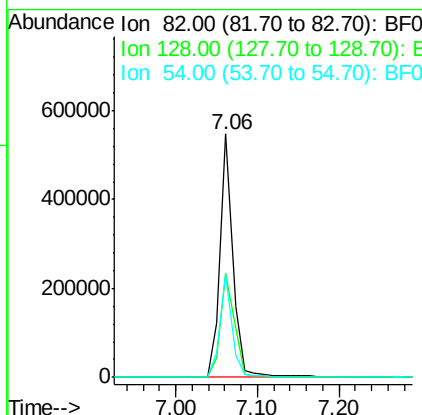
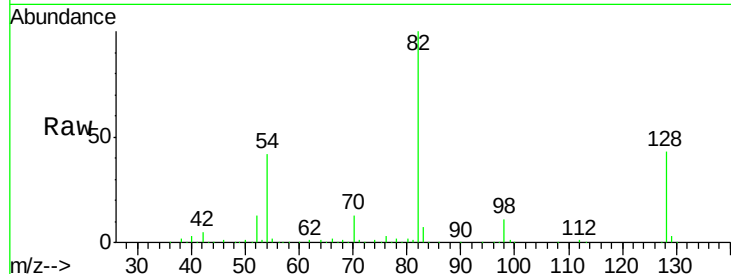
#23
 Nitrobenzene-d5
 Concen: 77.60 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF090207.D
 Acq: 23 Sep 2016 19:38

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

Tot Ion	82	Resp	607295
Ion Ratio	100	Lower	Upper
82	100		
128	42.9	37.5	56.3
54	42.2	31.9	47.9

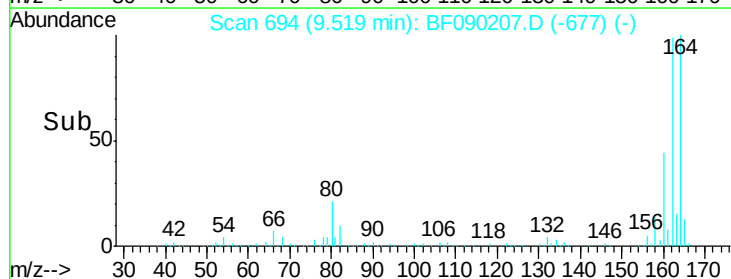
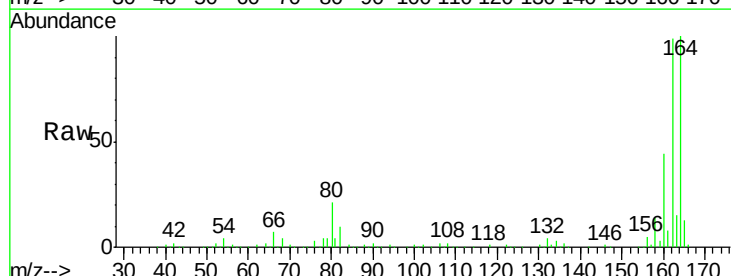
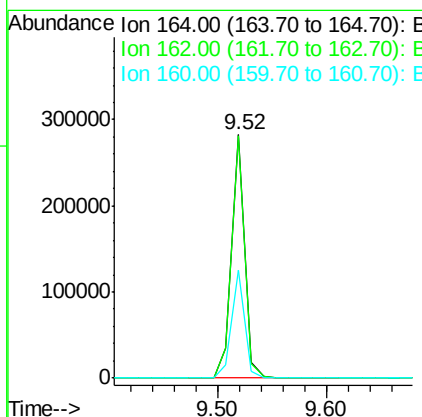
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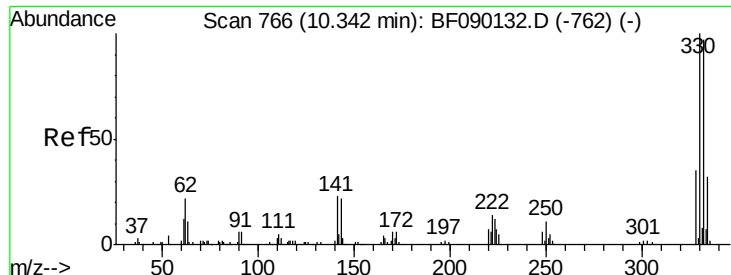
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF090207.D
 Acq: 23 Sep 2016 19:38

Tgt Ion	164	Resp	232710
Ion Ratio	100	Lower	Upper
164	100		
162	99.4	81.4	122.2
160	44.2	36.6	54.8





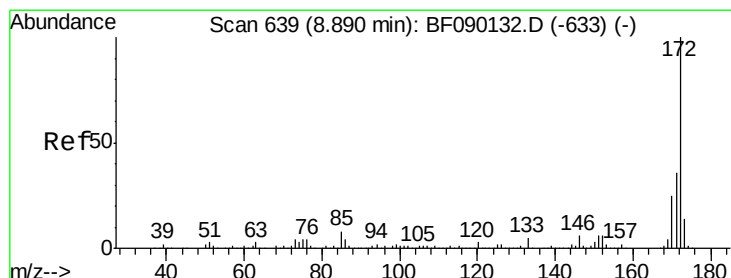
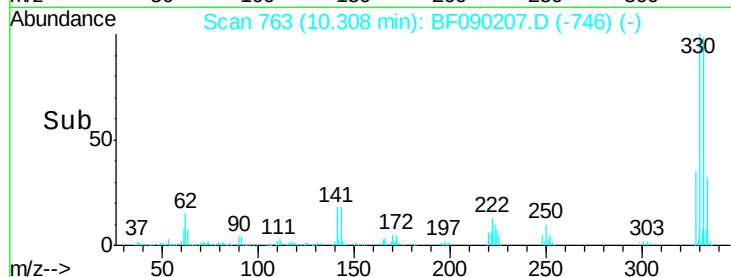
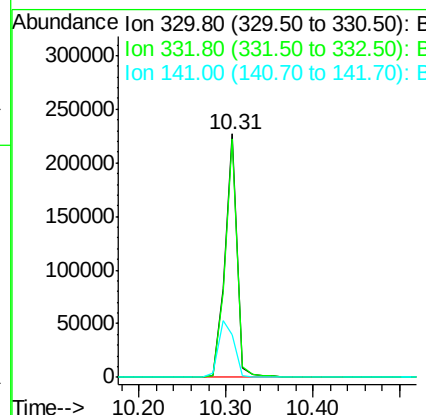
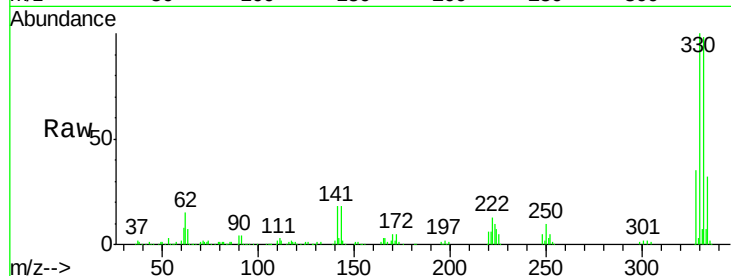
#41
 2,4,6-Tribromophenol
 Concen: 113.45 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF090207.D
 Acq: 23 Sep 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	226497		
332	97.7		78.1	117.1
141	30.6		23.9	35.9

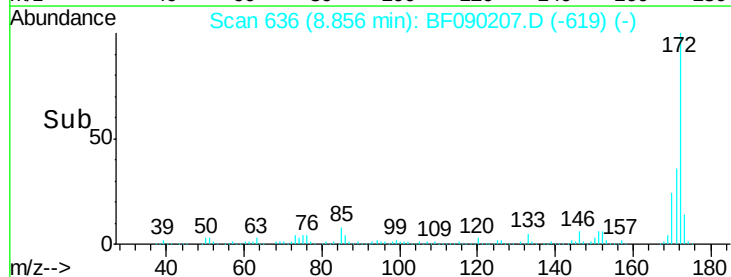
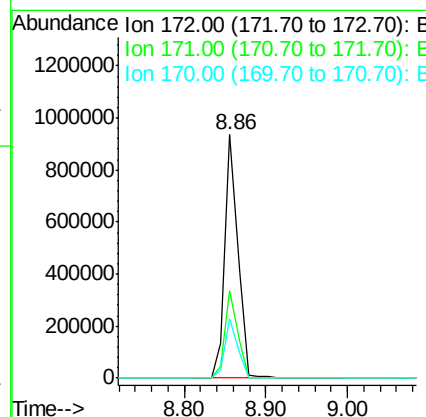
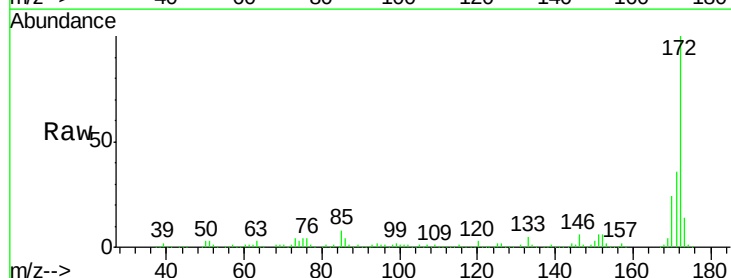
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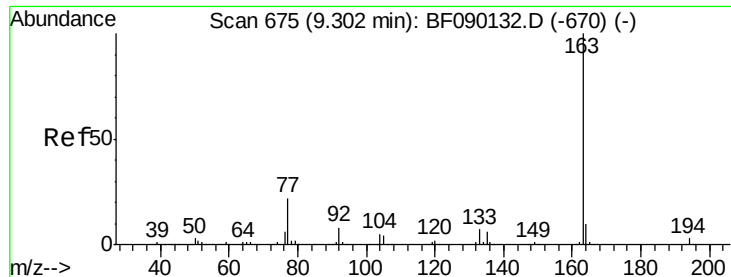
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#44
 2-Fluorobiphenyl
 Concen: 87.74 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF090207.D
 Acq: 23 Sep 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1040103		
171	35.9		29.2	43.8
170	24.1		19.8	29.8





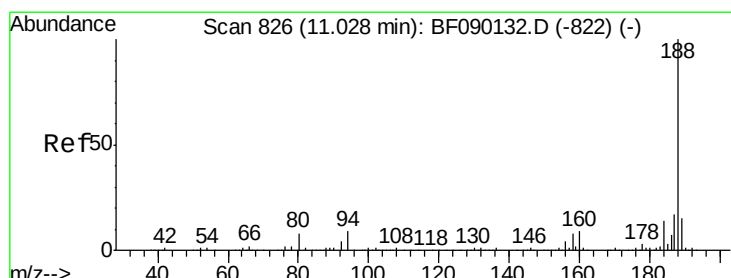
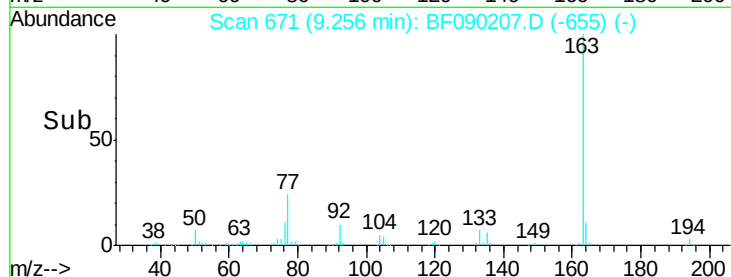
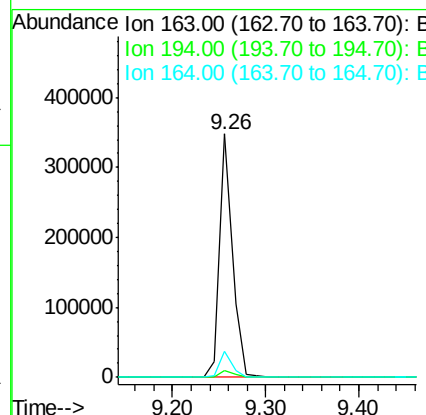
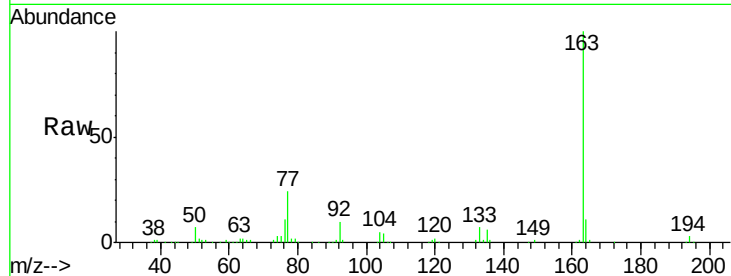
#49
Dimethylphthalate
Concen: 22.50 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090207.D
Acq: 23 Sep 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	333535		
194	2.9		2.8	4.2
164	10.7		8.1	12.1

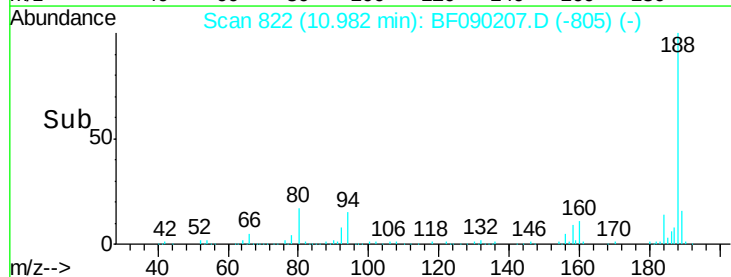
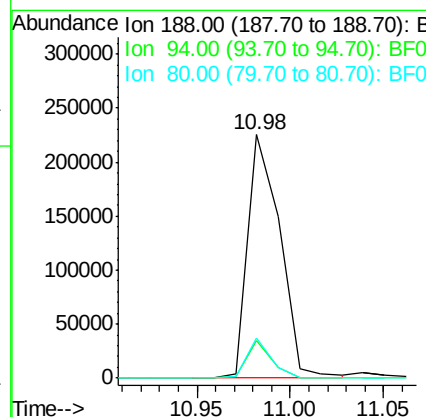
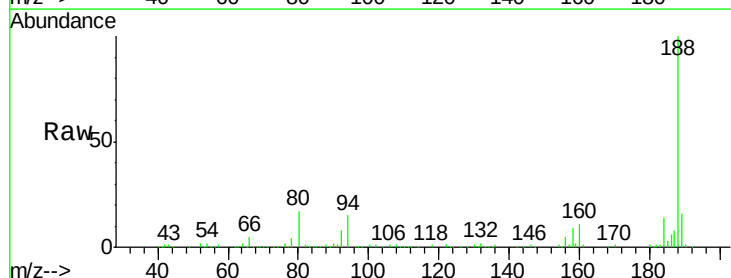
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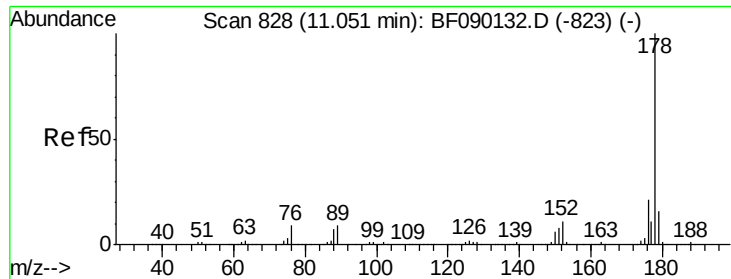
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF090207.D
Acq: 23 Sep 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	270572		
94	15.4		10.5	15.7
80	16.7		11.2	16.8





#70

Phenanthrene

Concen: 3.51 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

Instrument :

BNA_F

ClientSampleId :

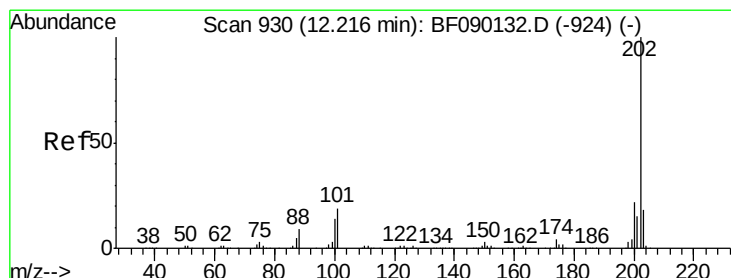
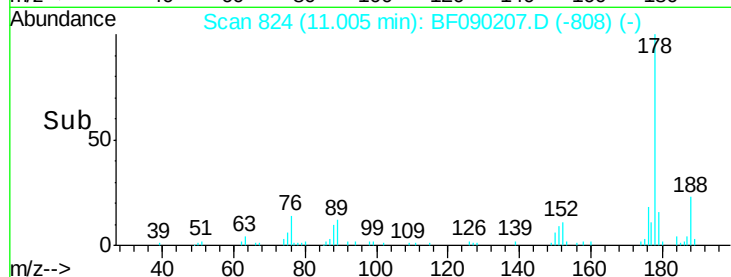
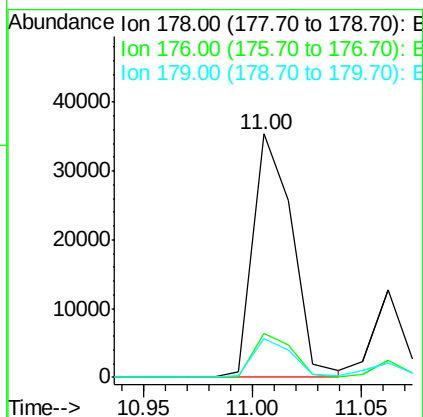
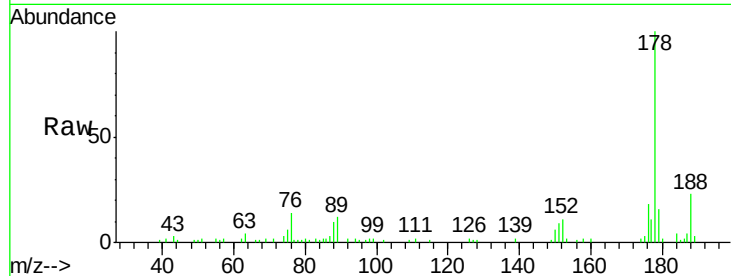
TRACK-D-GRID-17B

Tot Ion:	178	Resp:	44454
Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	16.1	12.9	19.3

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#74

Fluoranthene

Concen: 2.85 ng

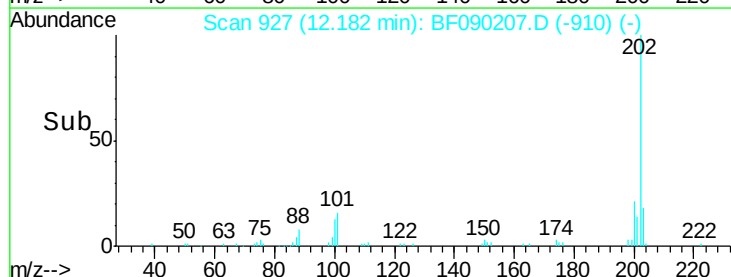
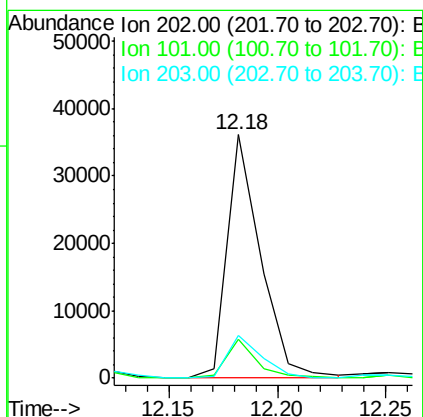
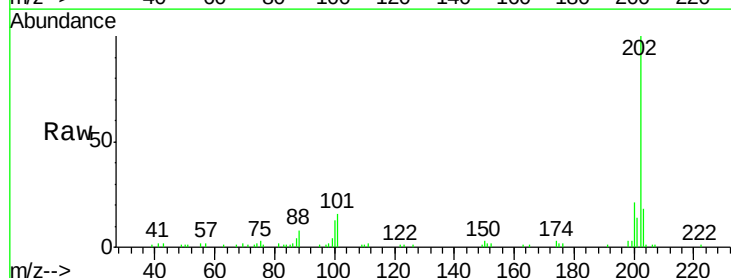
RT: 12.18 min Scan# 927

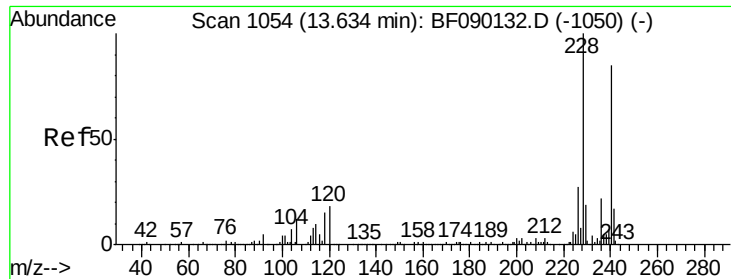
Delta R.T. -0.00 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

Tgt Ion:	202	Resp:	38725
Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	36.1
203	17.5	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

Instrument :

BNA_F

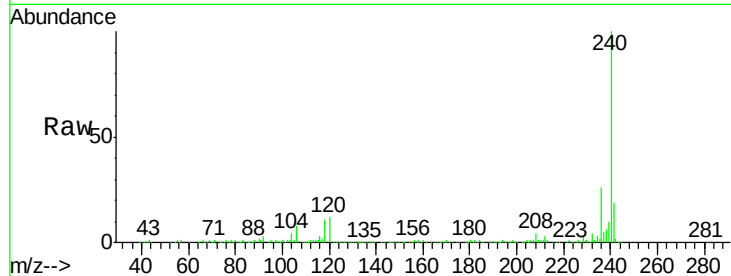
ClientSampleId :

TRACK-D-GRID-17B

Tot Ion:	240	Resp:	250426
Ion Ratio	Lower	Upper	
240	100		
120	12.0	10.6	16.0
236	26.2	21.6	32.4

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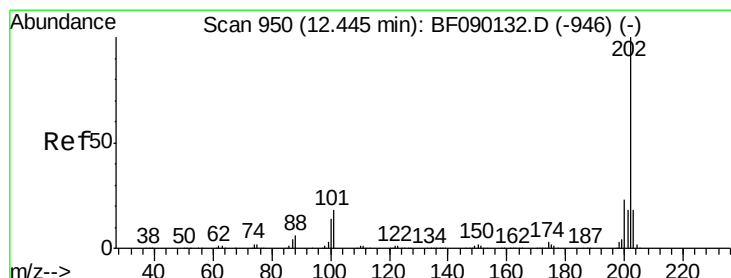
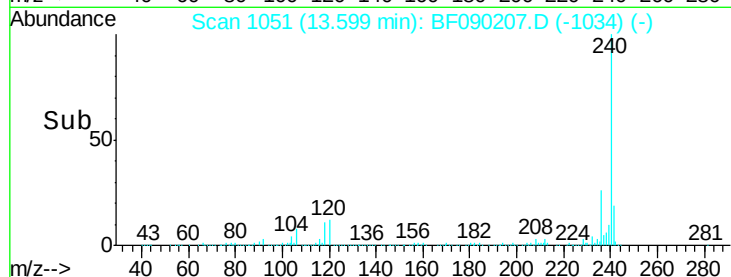
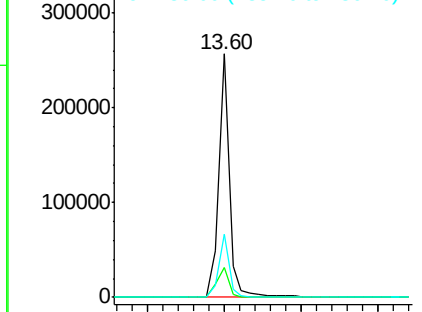
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.08 ng

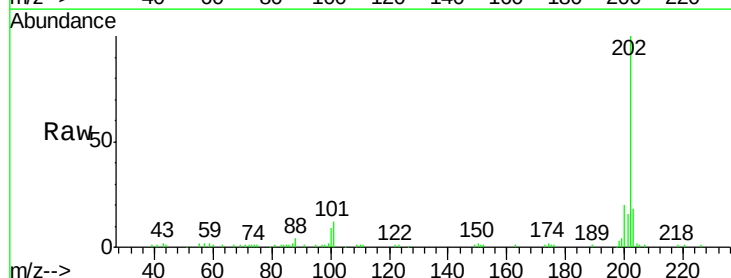
RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

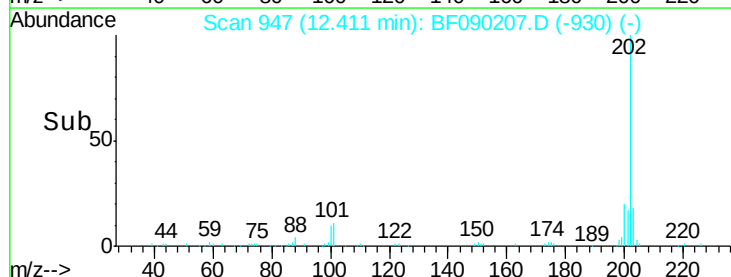
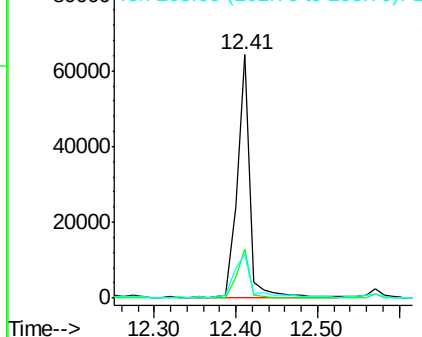
Tgt Ion:	202	Resp:	69864
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.9	26.9
203	18.1	14.2	21.4

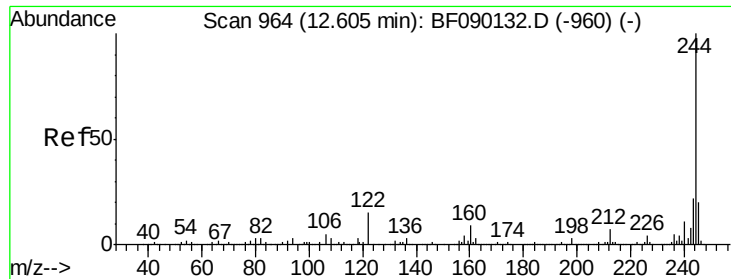


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





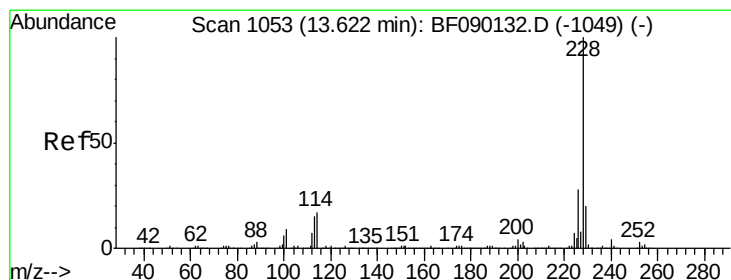
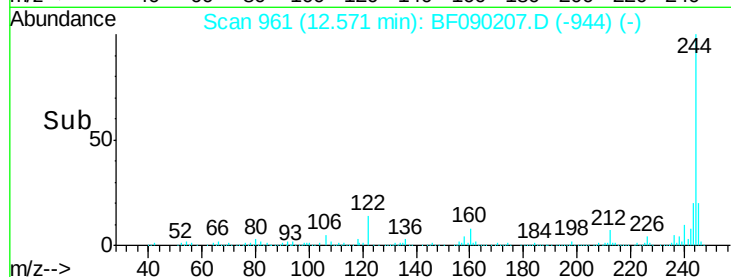
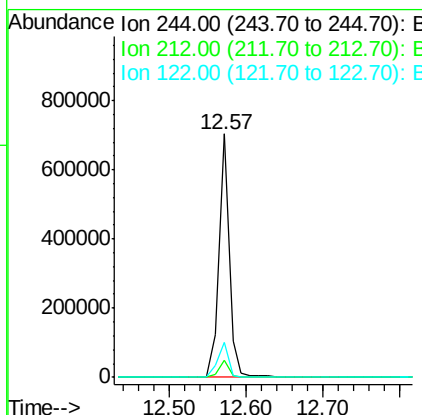
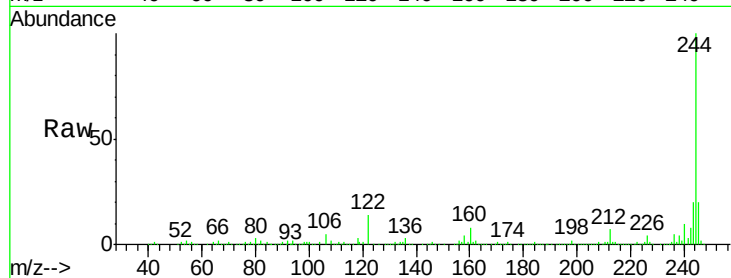
#78
 Terphenyl-d14
 Concen: 67.61 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF090207.D
 Acq: 23 Sep 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
244	100	666925		
212	7.1		5.8	8.8
122	14.5		9.4	14.0

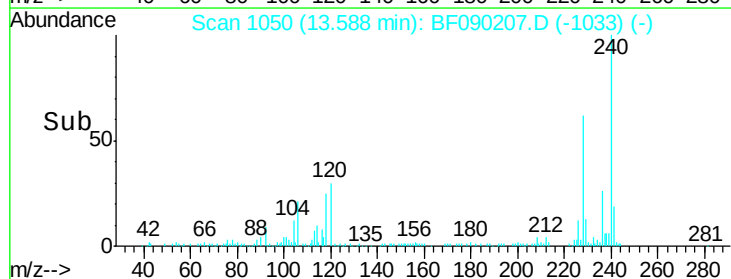
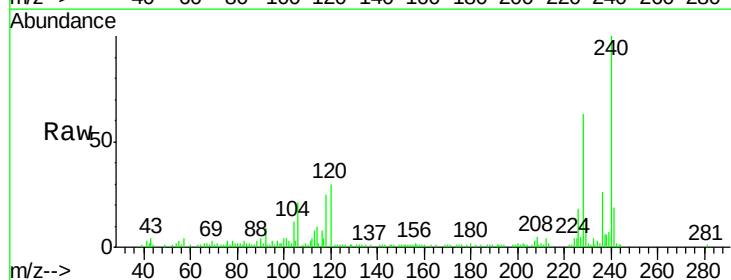
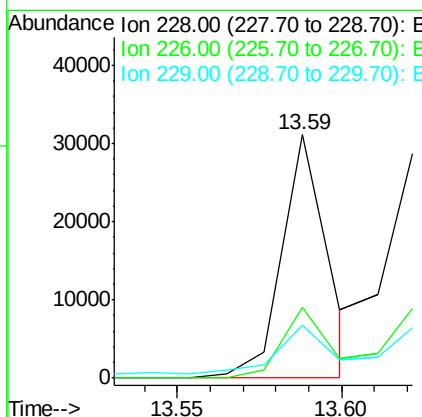
Manual Integrations
 APPROVED

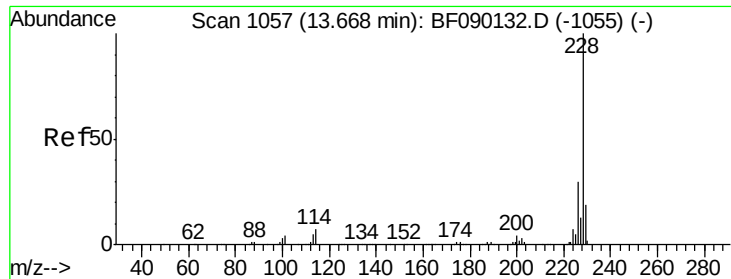
sohil
 9/26/2016 5:59:23 PM



#80
 Benzo(a)anthracene
 Concen: 2.22 ng m
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF090207.D
 Acq: 23 Sep 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	29855		
226	29.0		22.0	33.0
229	21.5		16.2	24.2





#82

Chrysene

Concen: 2.75 ng/mL

RT: 13.62 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

Instrument :

BNA_F

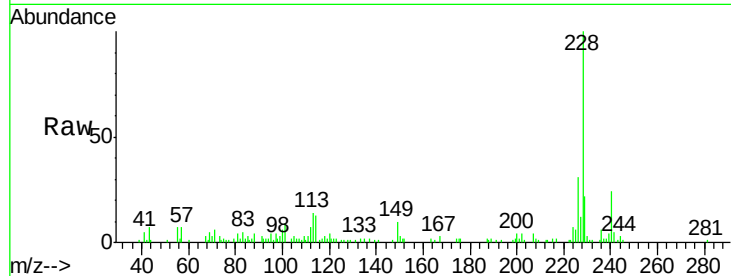
ClientSampleId :

TRACK-D-GRID-17B

Tot Ion:	228	Resp:	36147
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.6	37.0
229	22.4	16.2	24.4

Manual Integrations
APPROVED

sohil
9/26/2016 5:59:23 PM

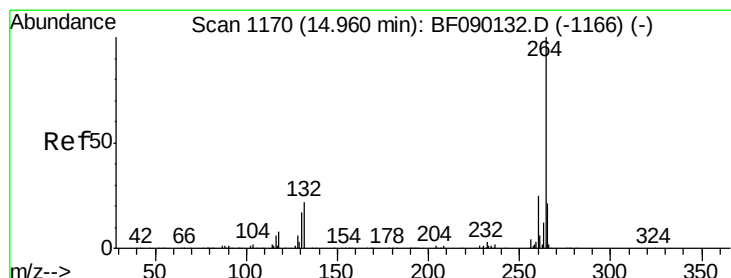
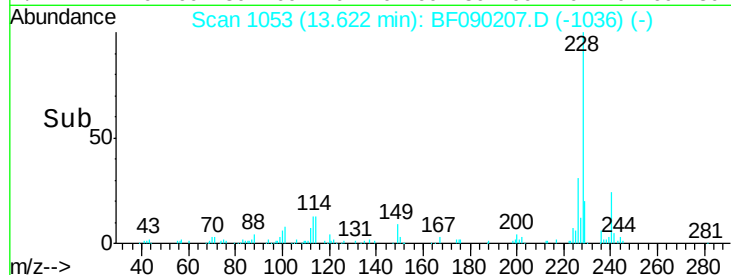
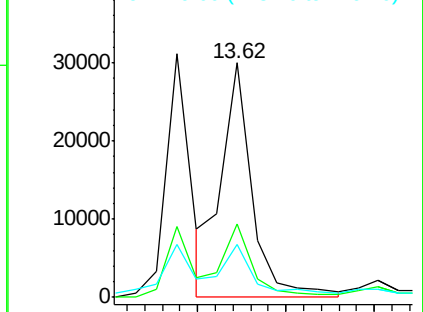


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

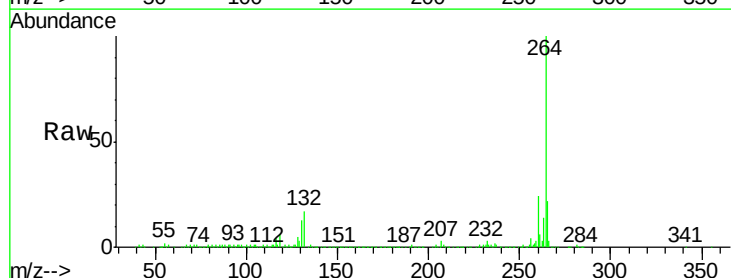
RT: 14.93 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF090207.D

Acq: 23 Sep 2016 19:38

Tgt Ion:	264	Resp:	245505
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	22.4	17.0	25.4



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

