

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085810.D
 Acq On : 28 Mar 2016 19:19
 Operator : UM/SJ
 Sample : H1905-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10A

Manual Integrations
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 3/29/2016 12:03:18 PM

Quant Time: Mar 29 01:15:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	114782	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	445862	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	204007	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	388678	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	228251	20.00	ng	-0.01
86) Perylene-d12	15.39	264	190316	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	787536	114.27	ng	0.01
7) Phenol-d6	6.46	99	1003075	114.47	ng	0.00
23) Nitrobenzene-d5	7.38	82	659902	83.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	217138	112.03	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1000291	81.92	ng	-0.01
78) Terphenyl-d14	12.93	244	980767	88.37	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	155455	10.04	ng	98
70) Phenanthrene	11.36	178	111644	5.59	ng	98
74) Fluoranthene	12.55	202	52392	2.47	ng	91
77) Pyrene	12.78	202	84129	4.48	ng	99
80) Benzo(a)anthracene	13.97	228	26474	2.03	ng	98

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

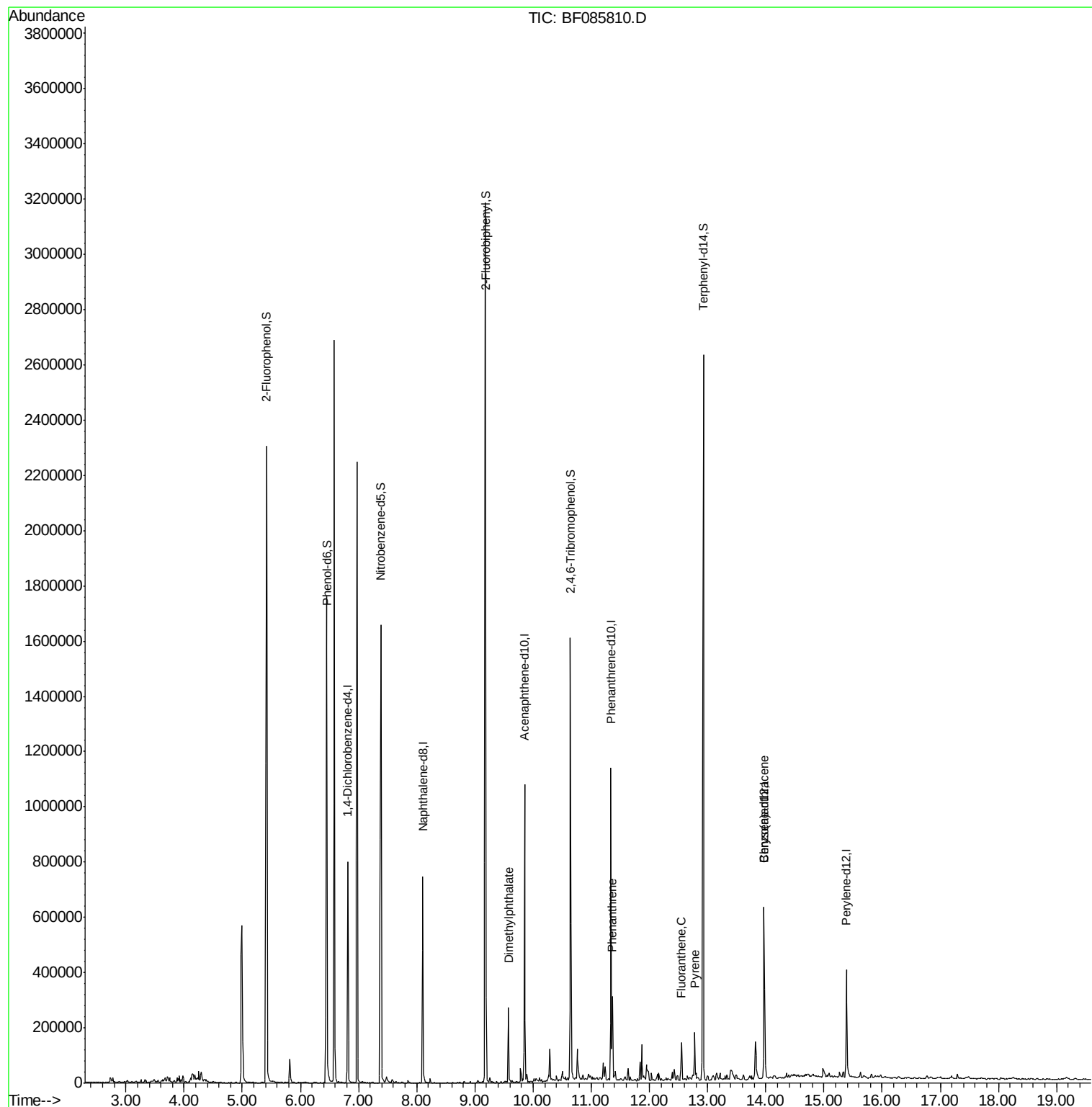
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085810.D
Acq On : 28 Mar 2016 19:19
Operator : UM/SJ
Sample : H1905-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

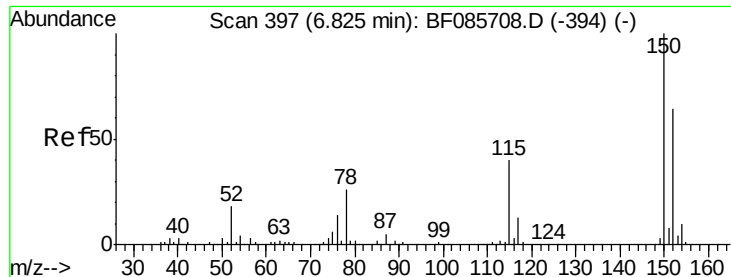
Instrument :
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TRACK-D-GRID-10A

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Response via : Initial Calibration





#1

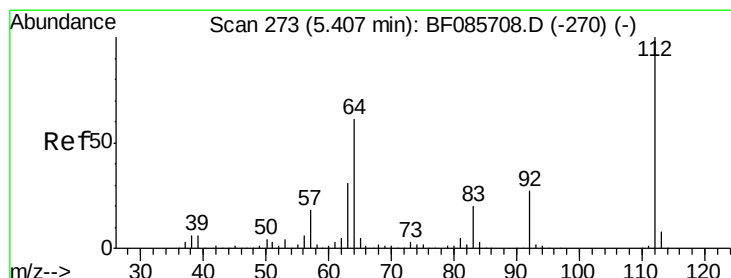
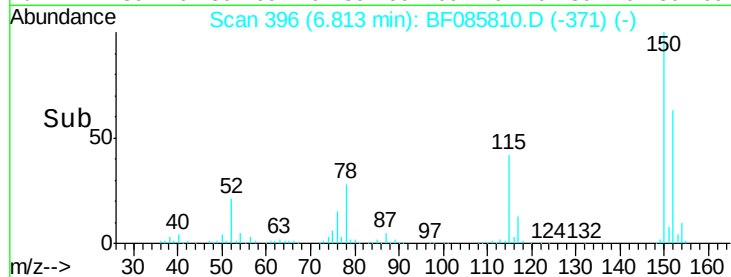
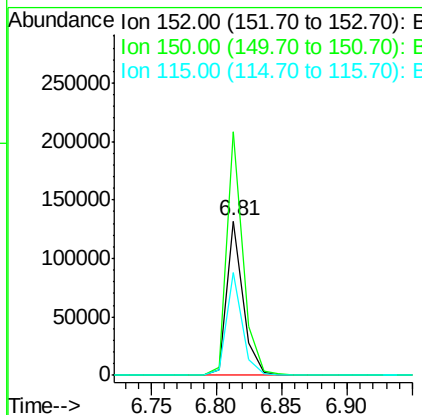
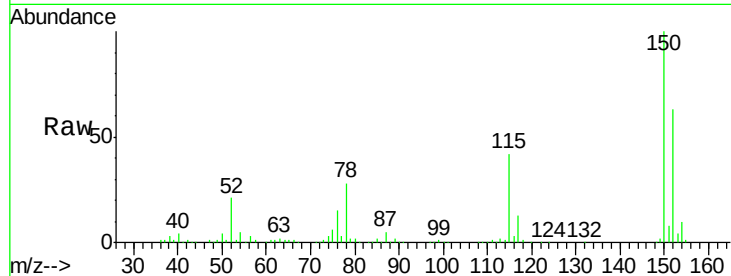
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085810.D
Acq: 28 Mar 2016 19:19

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	66.9	47.0	70.6

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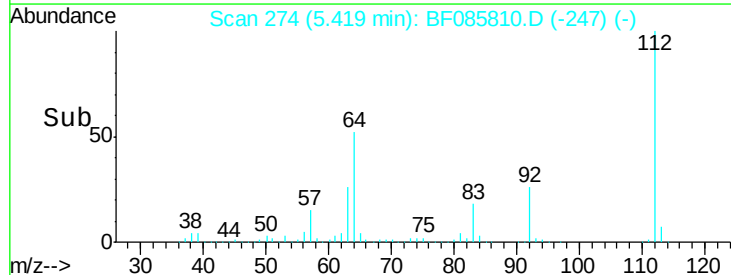
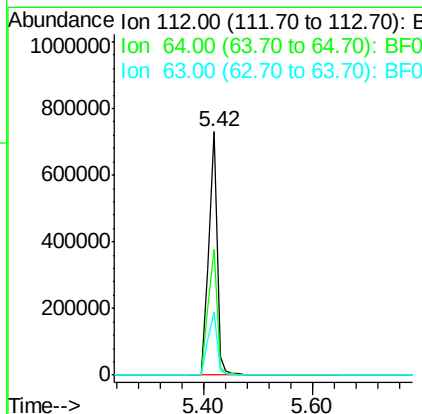
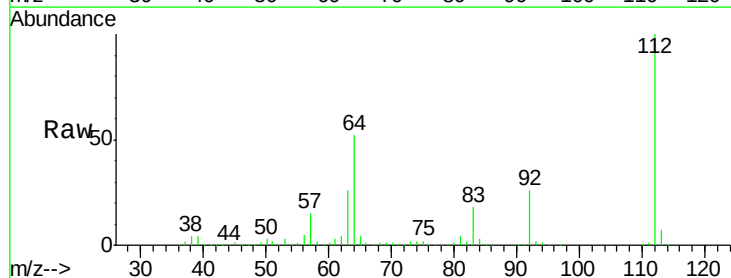
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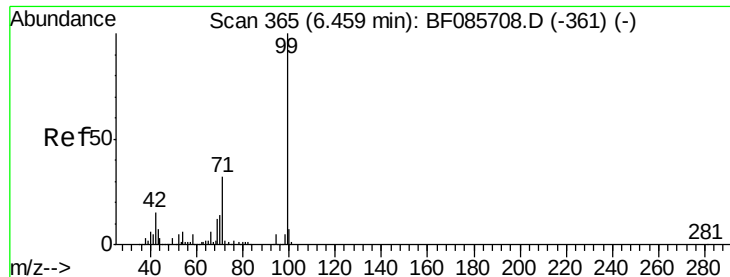


#5

2-Fluorophenol
Concen: 114.27 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085810.D
Acq: 28 Mar 2016 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.9	59.9
63	26.1	20.2	30.2





#7

Phenol-d6

Concen: 114.47 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085810.D

Acq: 28 Mar 2016 19:19

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

Tgt Ion: 99 Resp: 1003075

Ion Ratio Lower Upper

99 100

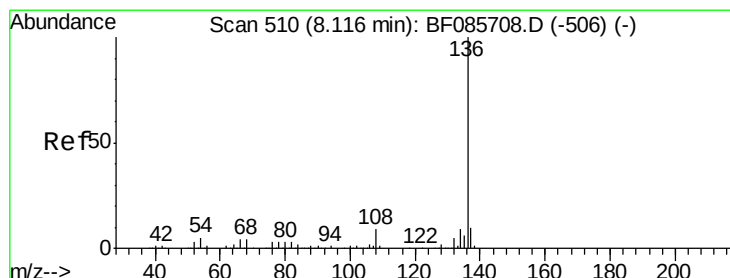
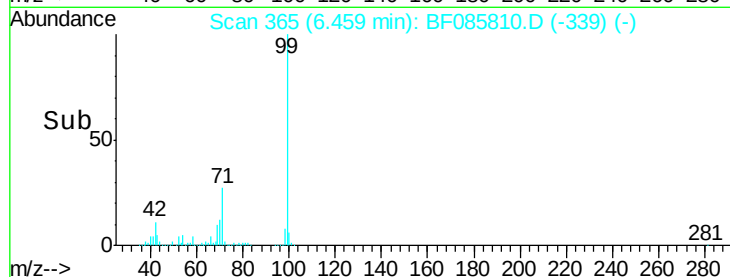
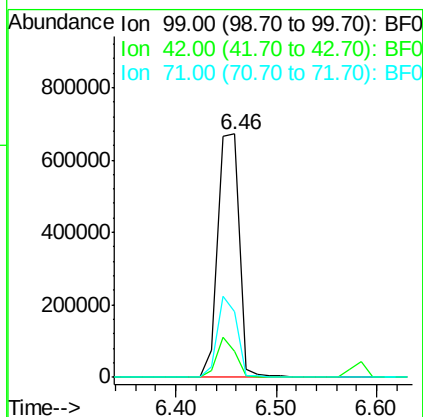
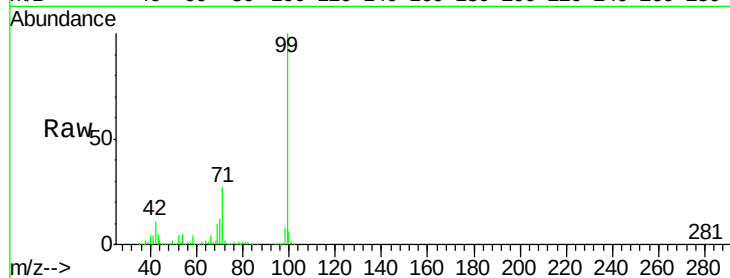
42 10.8 11.1 16.7#

71 27.1 24.9 37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085810.D

Acq: 28 Mar 2016 19:19

Tgt Ion: 136 Resp: 445862

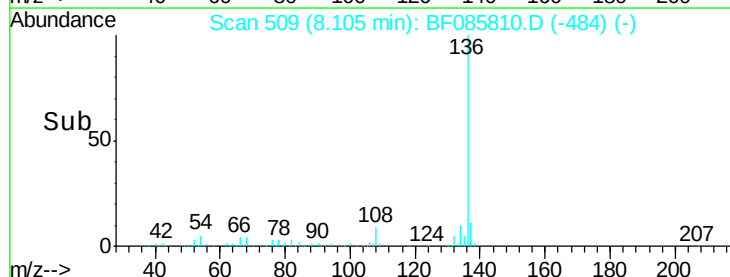
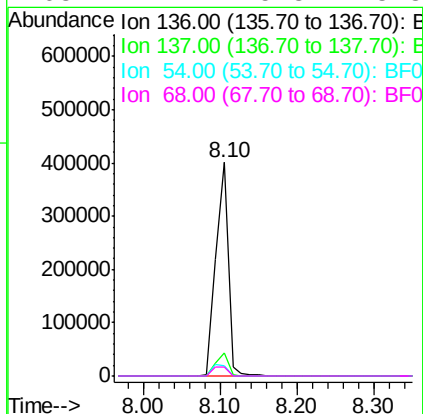
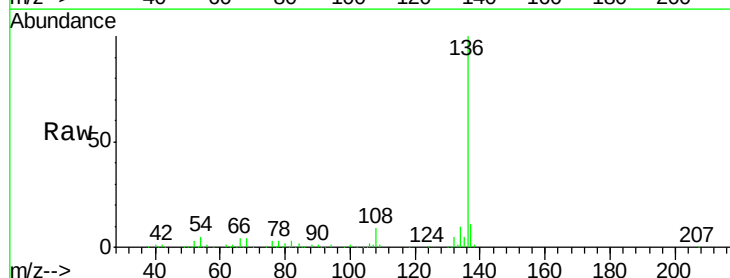
Ion Ratio Lower Upper

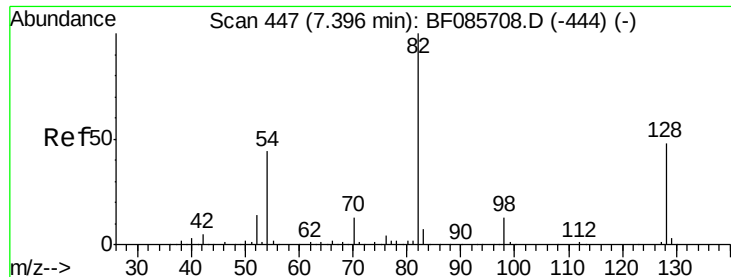
136 100

137 10.8 9.1 13.7

54 5.0 7.4 11.0#

68 4.2 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 83.35 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085810.D

Acq: 28 Mar 2016 19:19

Instrument :

BNA_F

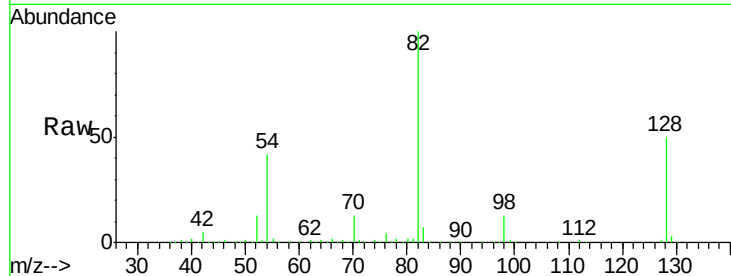
ClientSampleId :

TRACK-D-GRID-10A

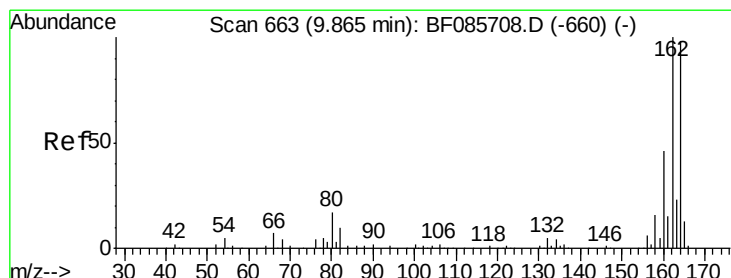
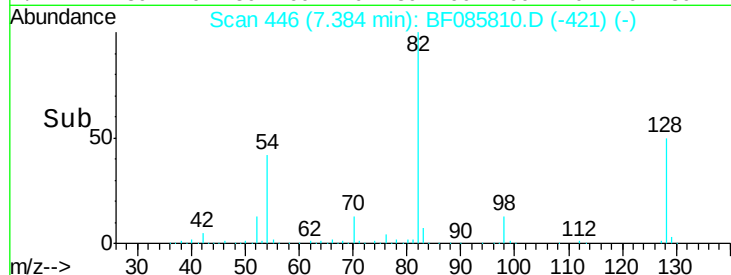
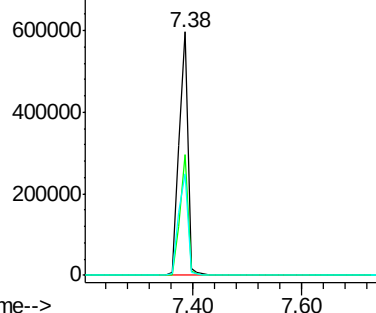
Tgt Ion:	82	Resp:	659902
Ion Ratio	Lower	Upper	
82	100		
128	49.7	41.8	62.8
54	41.8	33.4	50.0

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

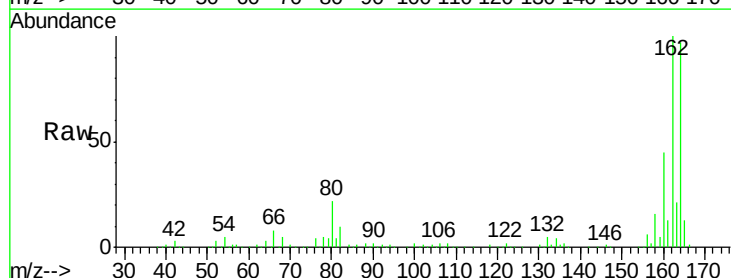
RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

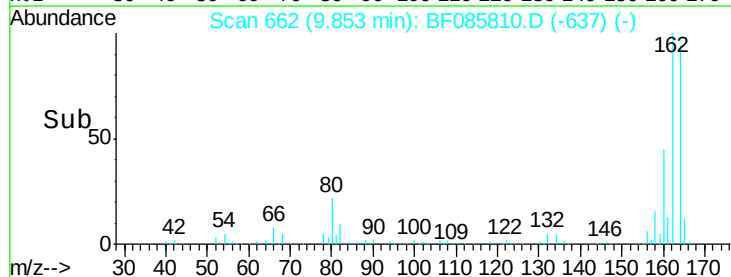
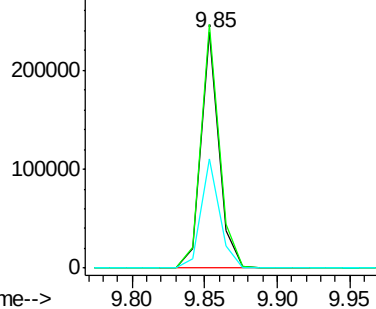
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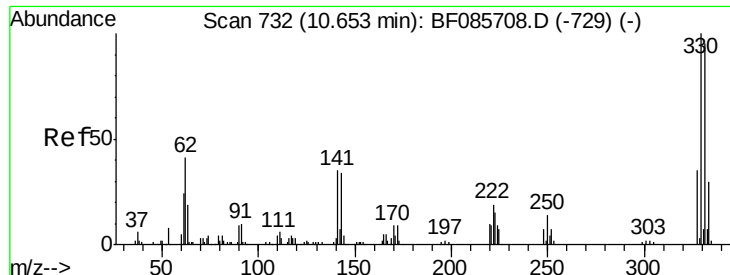
Acq: 28 Mar 2016 19:19

Tgt Ion:	164	Resp:	204007
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.1	123.1
160	46.5	37.4	56.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





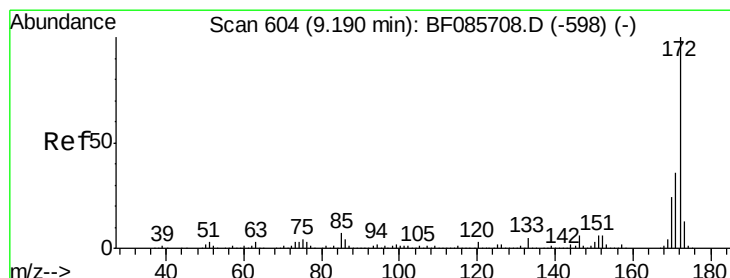
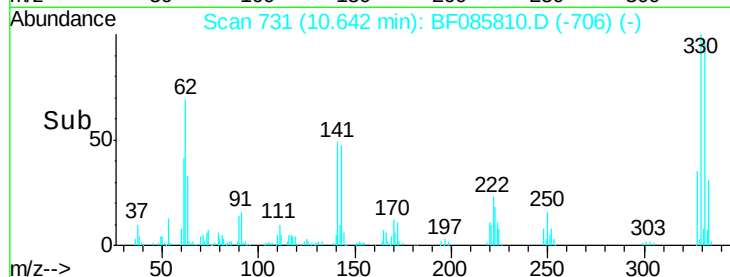
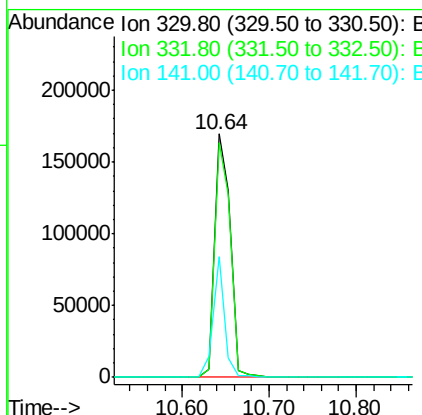
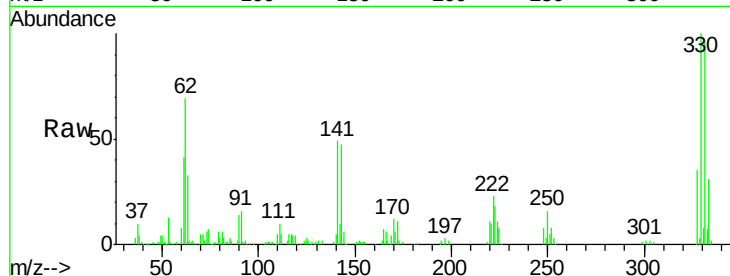
#41
 2,4,6-Tribromophenol
 Concen: 112.03 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085810.D
 Acq: 28 Mar 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	217138		
332	97.1	78.2	117.2	
141	36.8	31.5	47.3	

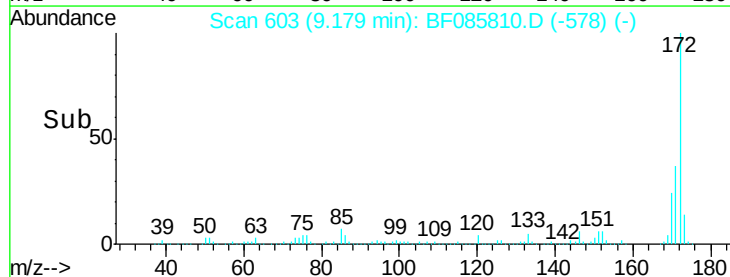
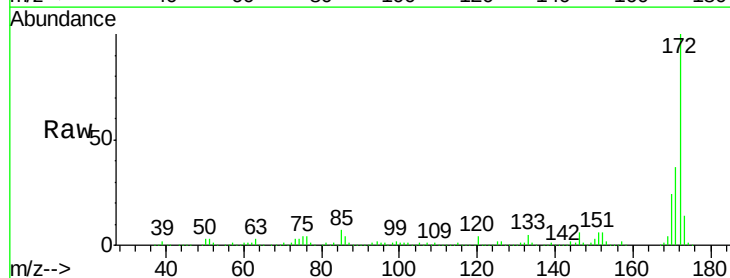
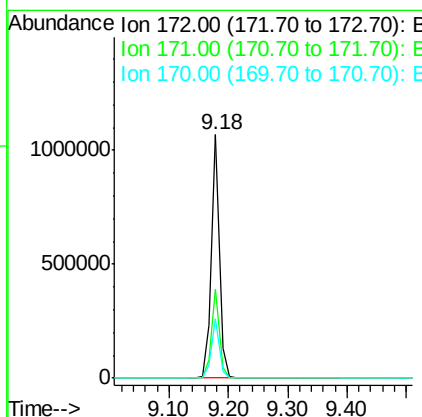
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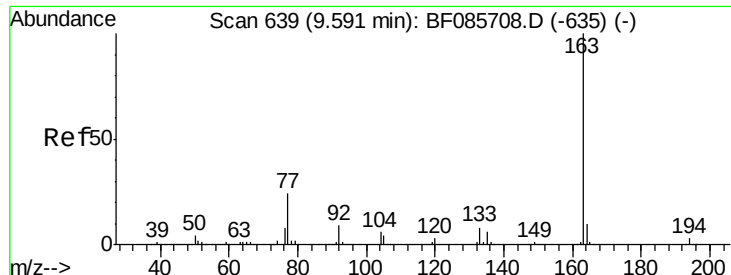
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#44
 2-Fluorobiphenyl
 Concen: 81.92 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085810.D
 Acq: 28 Mar 2016 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1000291		
171	36.6	29.4	44.2	
170	24.5	19.8	29.6	





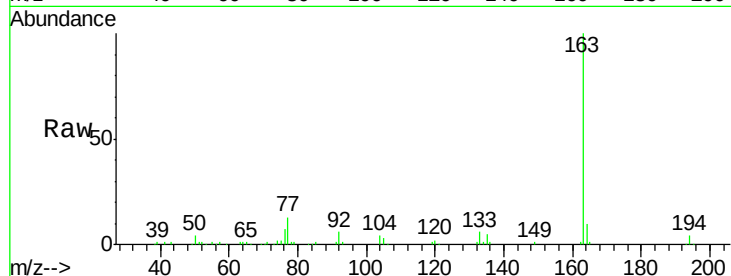
#49
Dimethylphthalate
Concen: 10.04 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085810.D
Acq: 28 Mar 2016 19:19

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10A

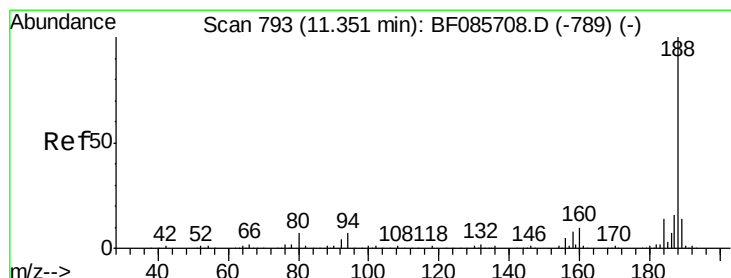
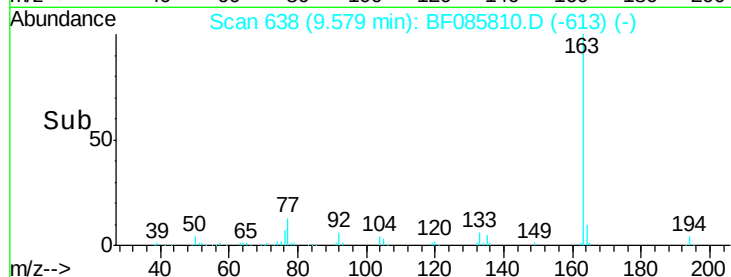
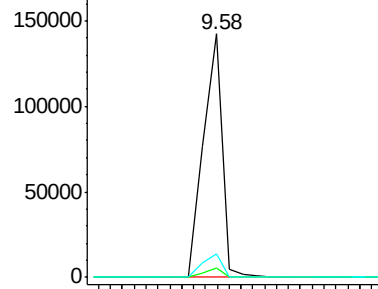
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.9	4.3
164	9.6	8.3	12.5

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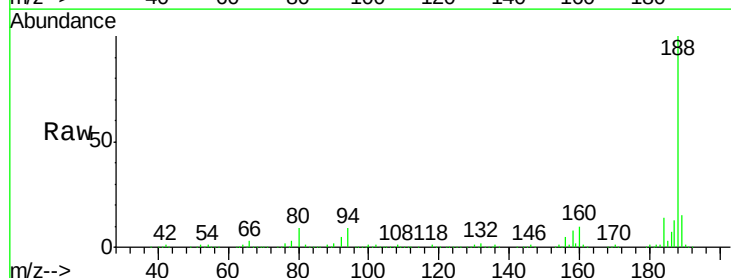


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

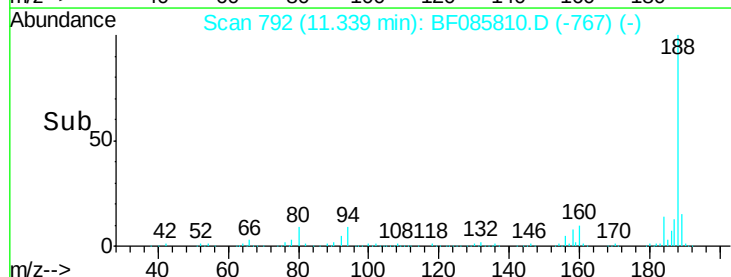
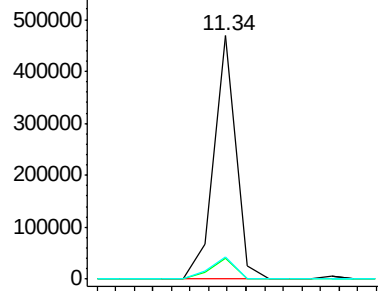


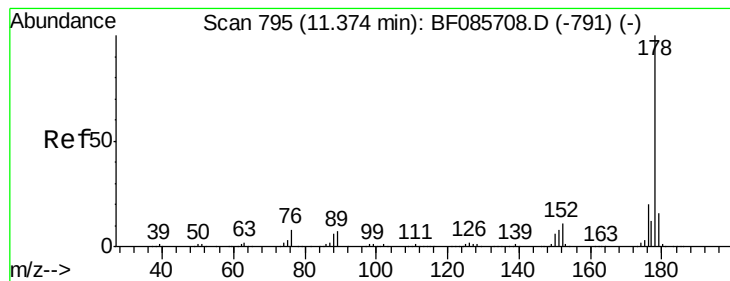
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085810.D
Acq: 28 Mar 2016 19:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.7	5.4	8.0#
80	9.2	5.5	8.3#



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





#70

Phenanthrene

Concen: 5.59 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF085810.D

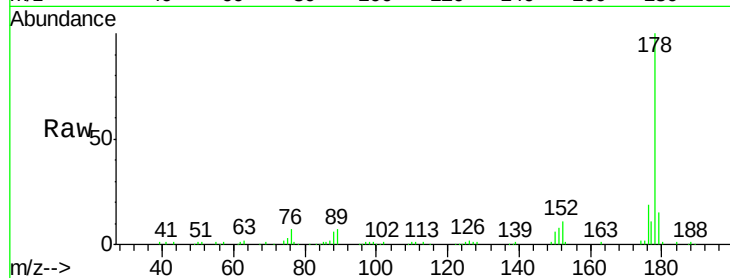
Acq: 28 Mar 2016 19:19

Instrument :

BNA_F

ClientSampleId :

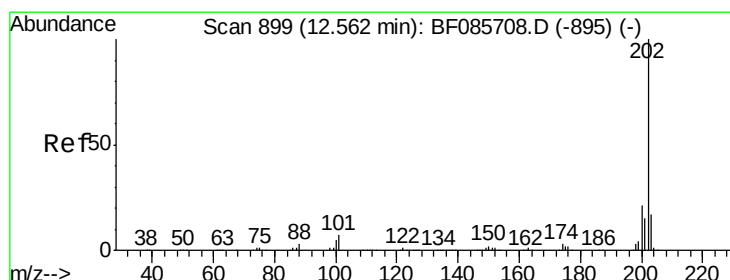
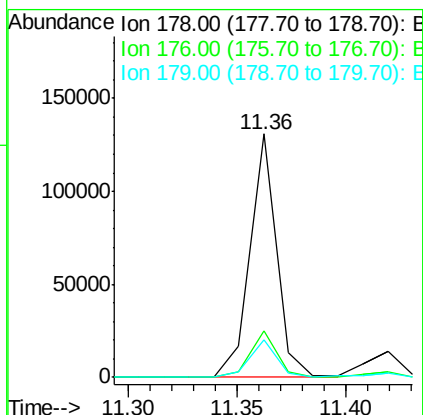
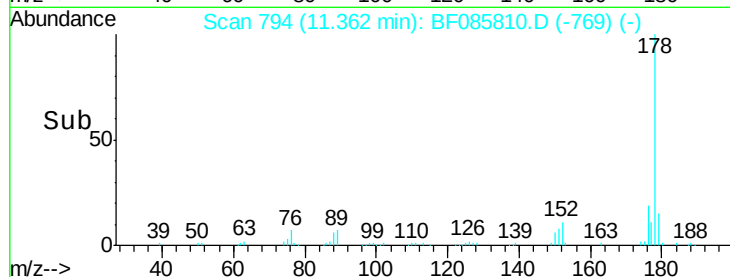
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Tgt Ion:	178	Resp:	111644
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.3	24.5
179	15.2	12.6	18.8

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#74

Fluoranthene

Concen: 2.47 ng

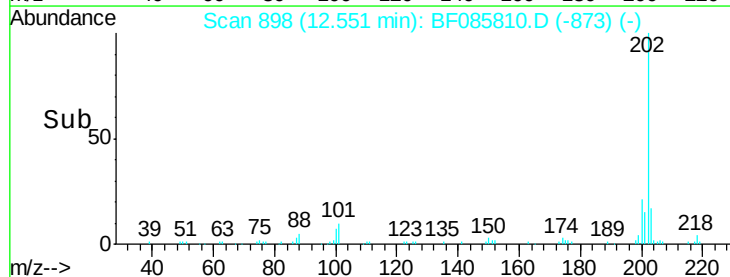
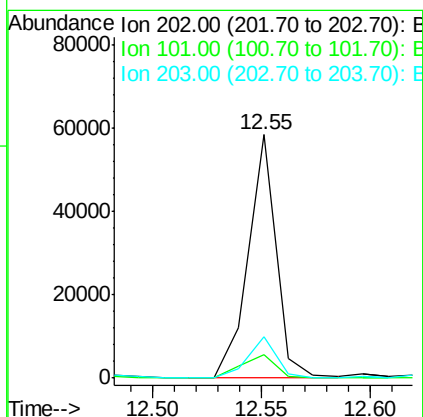
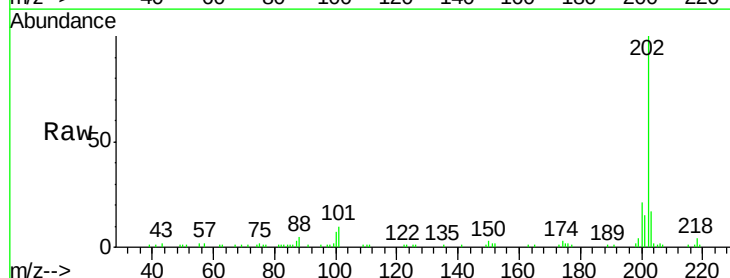
RT: 12.55 min Scan# 898

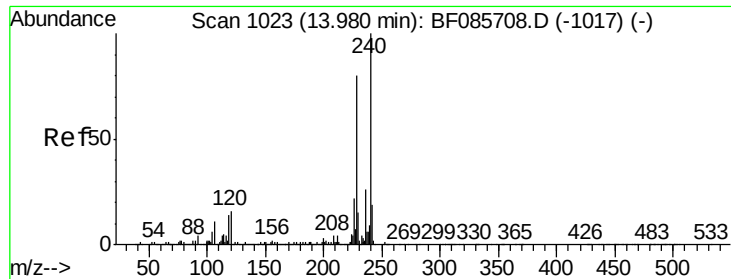
Delta R.T. -0.01 min

Lab File: BF085810.D

Acq: 28 Mar 2016 19:19

Tgt Ion:	202	Resp:	52392
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	36.6
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085810.D

Acq: 28 Mar 2016 19:19

Instrument :

BNA_F

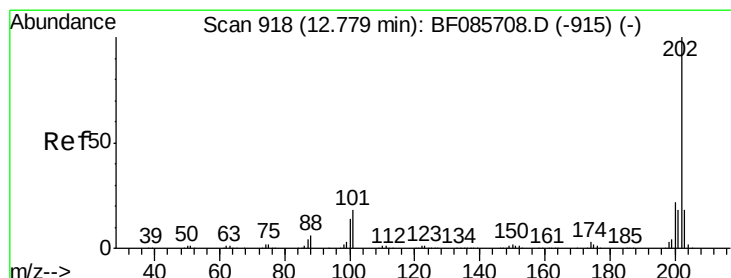
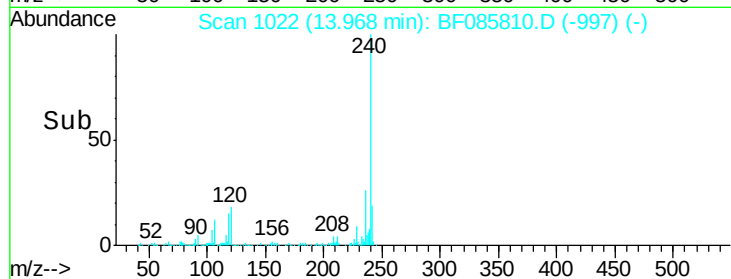
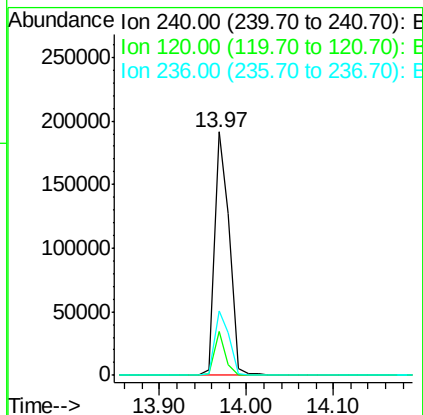
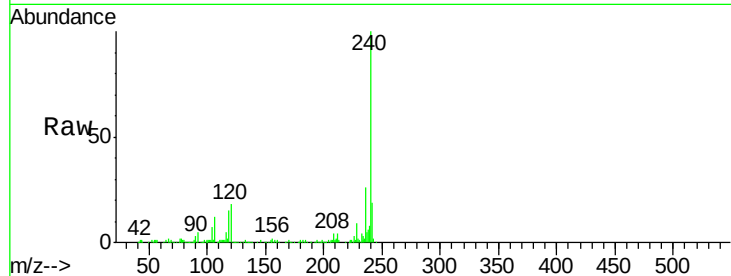
ClientSampleId :

TRACK-D-GRID-10A

Tgt Ion:	240	Resp:	228251
Ion Ratio	Lower	Upper	
240	100		
120	18.2	13.8	20.8
236	26.2	20.6	30.8

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#77

Pyrene

Concen: 4.48 ng

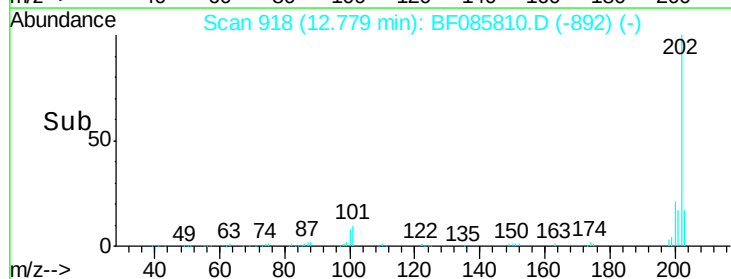
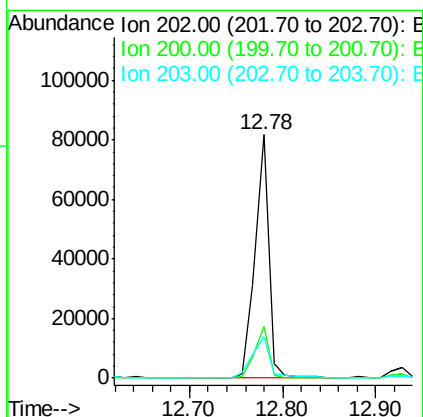
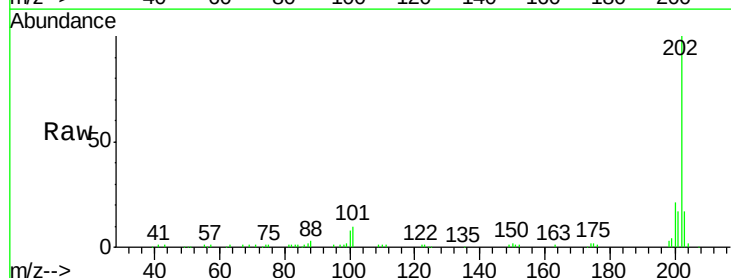
RT: 12.78 min Scan# 918

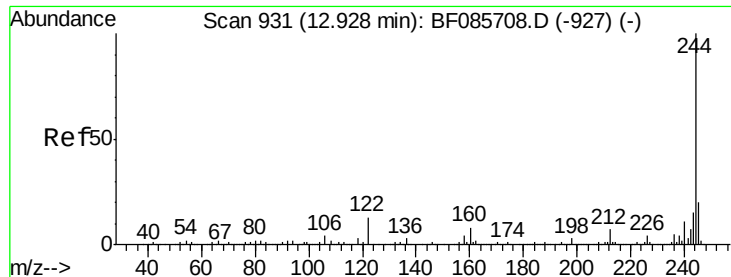
Delta R.T. -0.00 min

Lab File: BF085810.D

Acq: 28 Mar 2016 19:19

Tgt Ion:	202	Resp:	84129
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.6	26.4
203	17.1	14.0	21.0





#78

Terphenyl-d14

Concen: 88.37 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085810.D

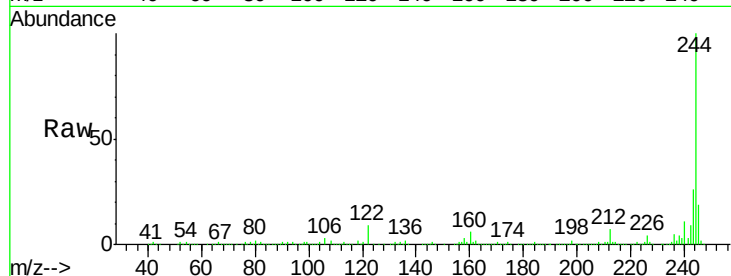
Acq: 28 Mar 2016 19:19

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A



Tgt Ion:244 Resp: 980767

Ion Ratio Lower Upper

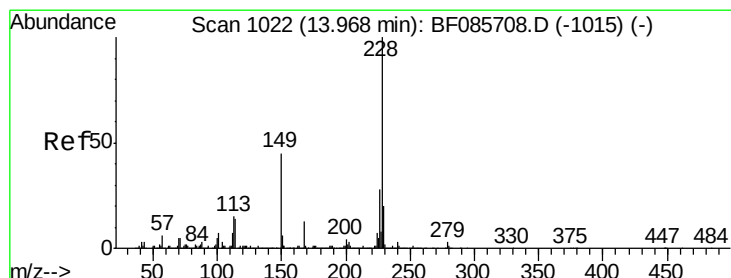
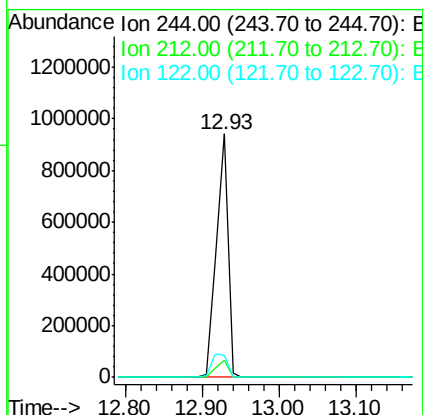
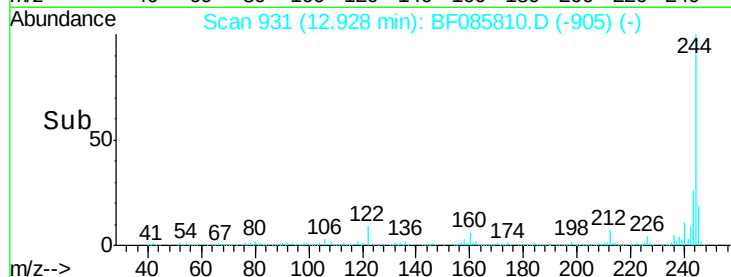
244 100

212 6.8 6.1 9.1

122 9.0 10.2 15.4#

Manual Integrations
APPROVED

Sohil
3/29/2016 12:03:18 PM



#80

Benzo(a)anthracene

Concen: 2.03 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085810.D

Acq: 28 Mar 2016 19:19

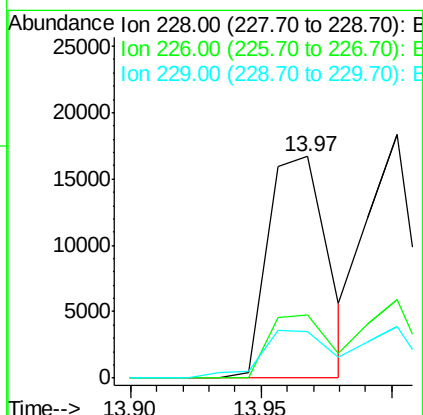
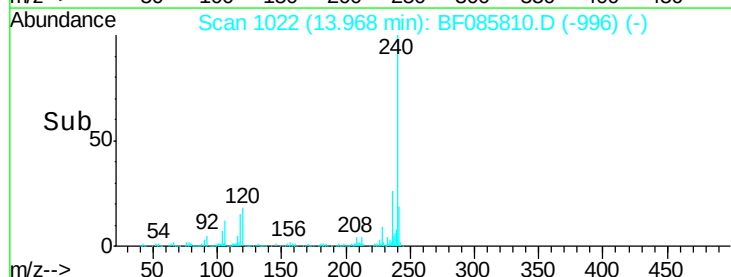
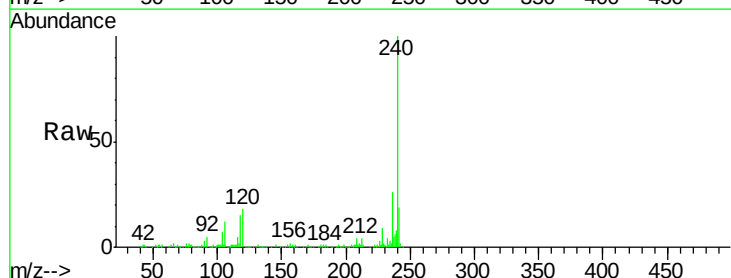
Tgt Ion:228 Resp: 26474

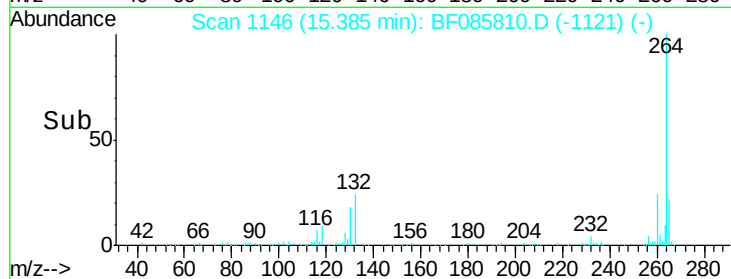
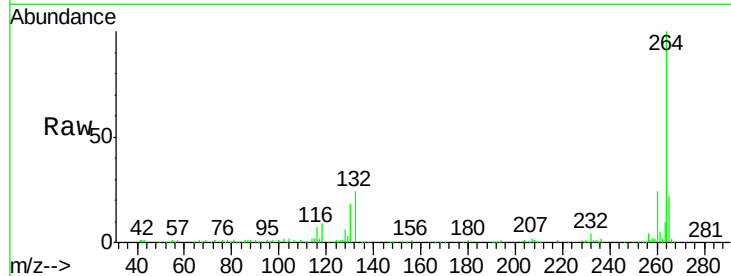
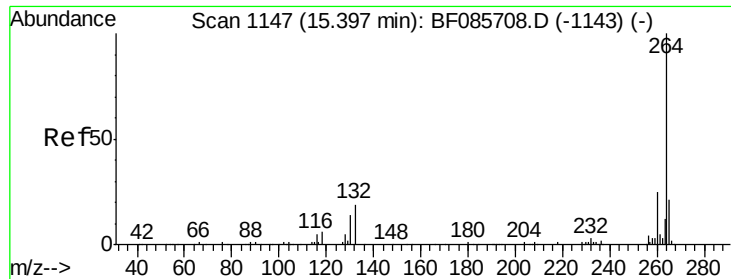
Ion Ratio Lower Upper

228 100

226 28.8 22.1 33.1

229 21.2 16.2 24.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085810.D
Acq: 28 Mar 2016 19:19

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10A

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.4	29.2
265	21.7	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/29/2016 12:03:18 PM

