

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085757.D
 Acq On : 25 Mar 2016 12:17
 Operator : UM/SJ
 Sample : H1858-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12A

Manual Integrations
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Quant Time: Mar 25 14:51:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	121223	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	430575	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	175436	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	268368	20.00	ng	0.00
75) Chrysene-d12	13.98	240	247462	20.00	ng	0.00
86) Perylene-d12	15.40	264	209679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	968643	133.08	ng	0.02
7) Phenol-d6	6.47	99	1259501	136.10	ng	0.01
23) Nitrobenzene-d5	7.40	82	857360	112.13	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	222733	133.63	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1217806	115.98	ng	0.00
78) Terphenyl-d14	12.93	244	908607	75.51	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	229699	17.26	ng	99
74) Fluoranthene	12.55	202	46564	3.18	ng	100
77) Pyrene	12.78	202	52770	2.59	ng	99
80) Benzo(a)anthracene	13.97	228	30846	2.19	ng	94
82) Chrysene	14.00	228	36366m	2.56	ng	
87) Benzo(b)fluoranthene	15.00	252	51896m	3.93	ng	

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

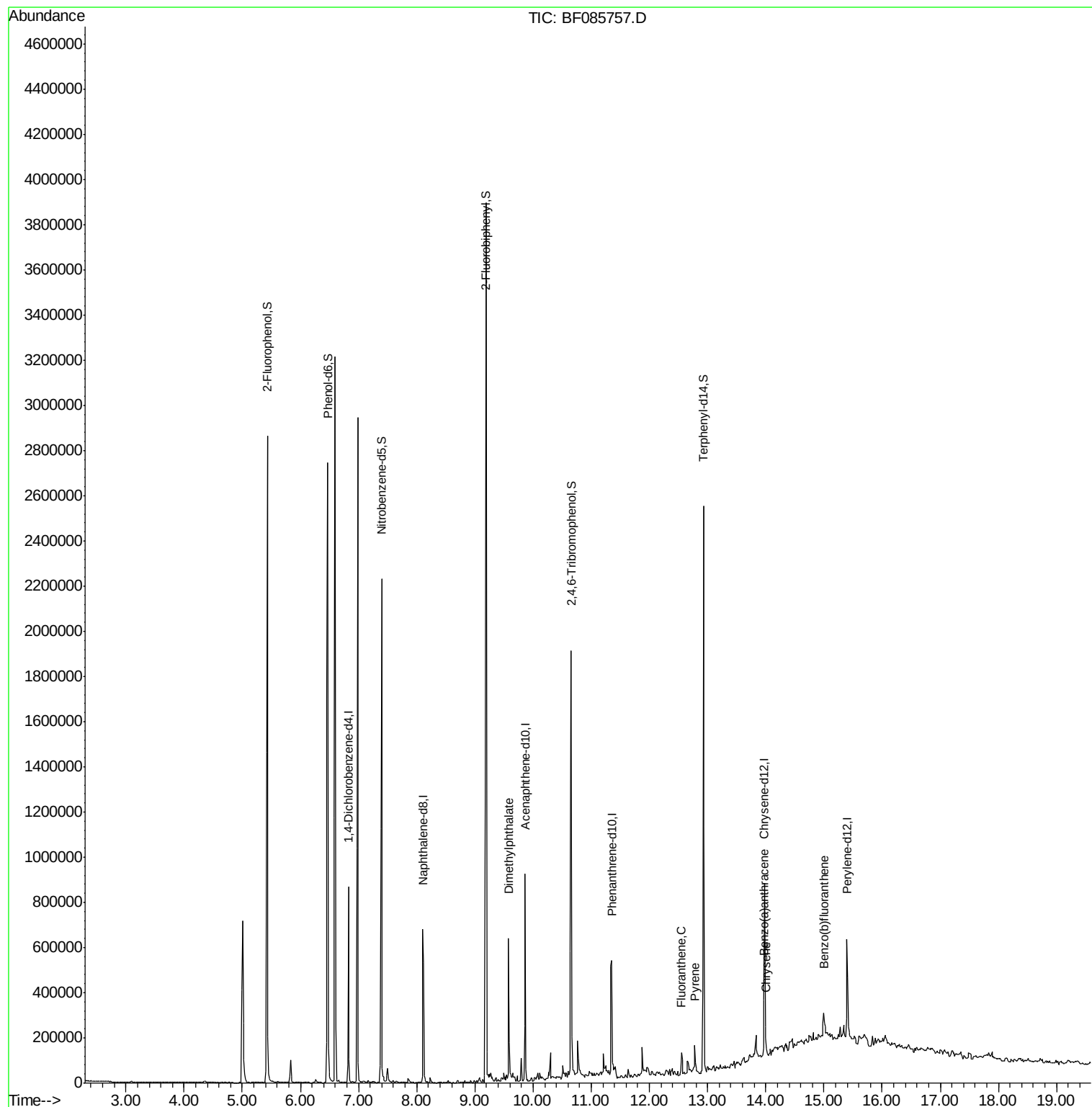
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085757.D
Acq On : 25 Mar 2016 12:17
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Sample : H1858-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

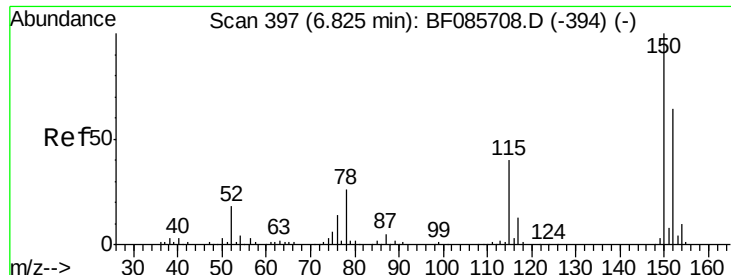
Instrument :
BNA_F
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TRACK-D-GRID-12A

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#1

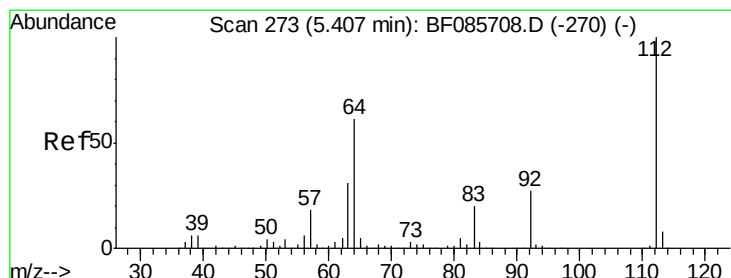
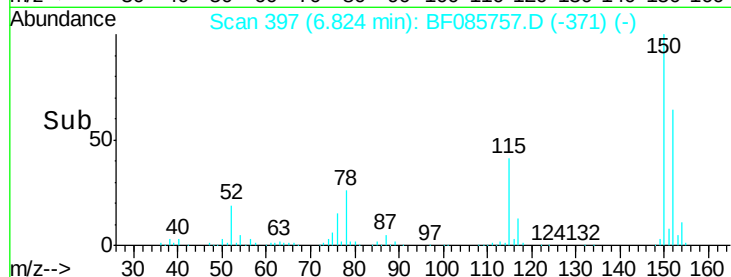
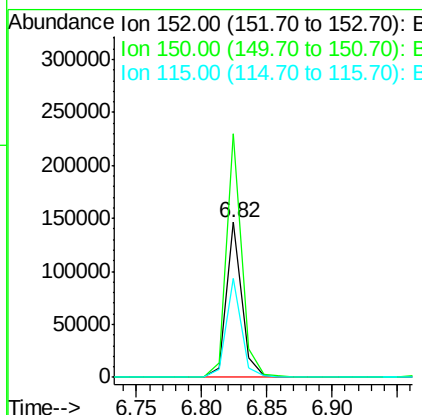
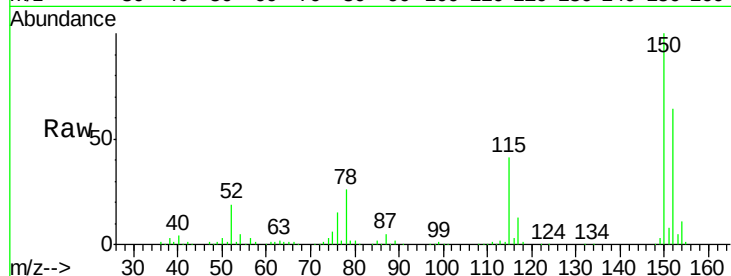
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085757.D
Acq: 25 Mar 2016 12:17

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	121223		
150	156.8	124.2	186.2	
115	63.9	47.0	70.6	

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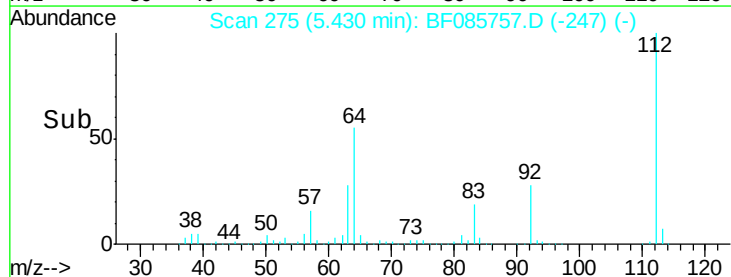
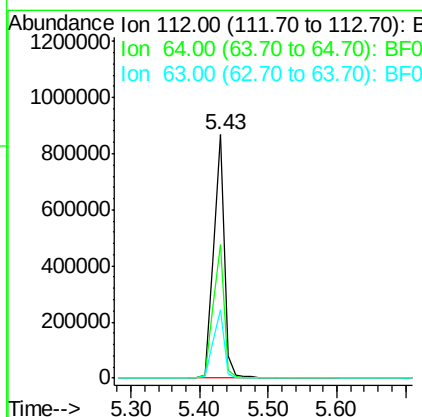
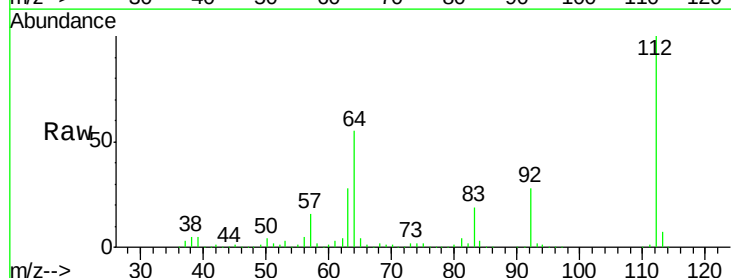
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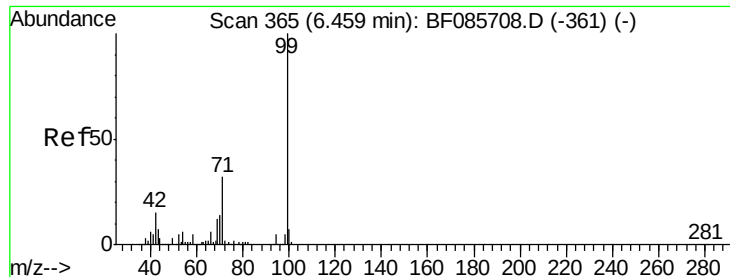


#5

2-Fluorophenol
Concen: 133.08 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085757.D
Acq: 25 Mar 2016 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	968643		
64	54.7	39.9	59.9	
63	27.9	20.2	30.2	





#7

Phenol-d6

Concen: 136.10 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085757.D

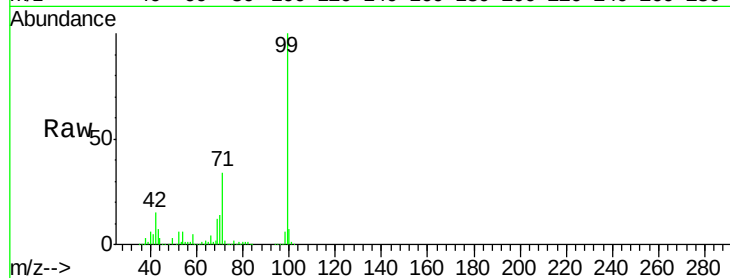
Acq: 25 Mar 2016 12:17

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-12A



Tgt Ion: 99 Resp: 1259501

Ion Ratio Lower Upper

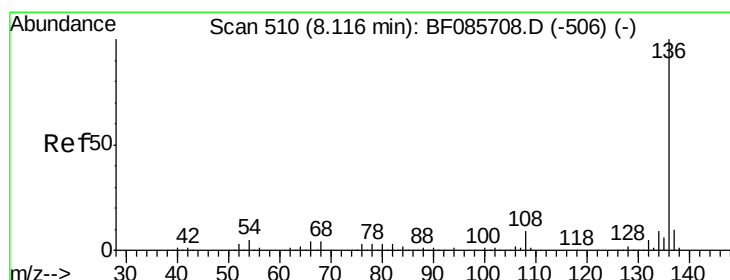
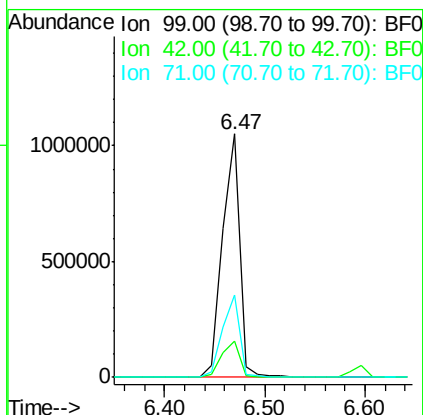
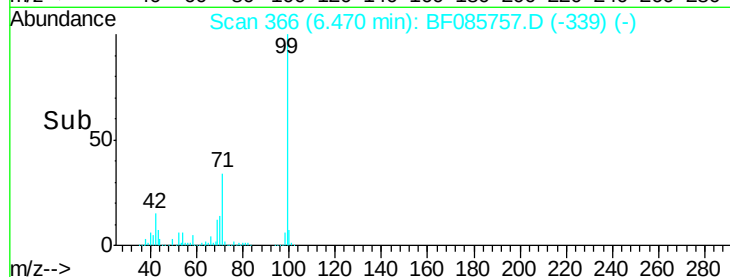
99 100

42 15.2 11.1 16.7

71 33.8 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: BF085757.D

Acq: 25 Mar 2016 12:17

Tgt Ion: 136 Resp: 430575

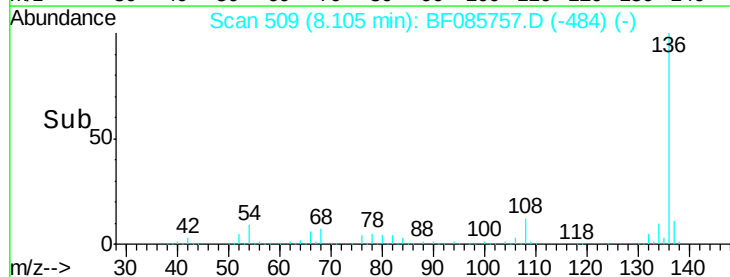
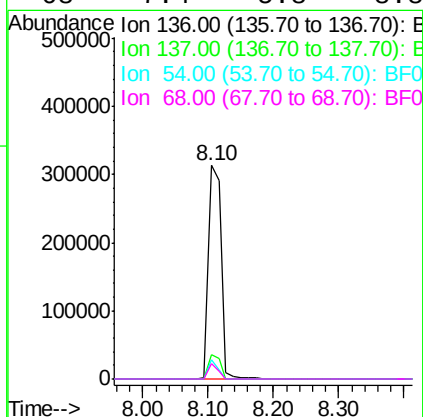
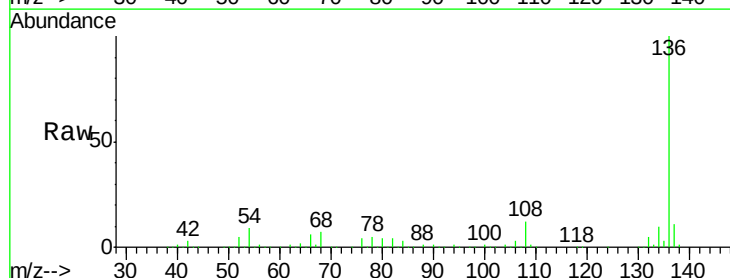
Ion Ratio Lower Upper

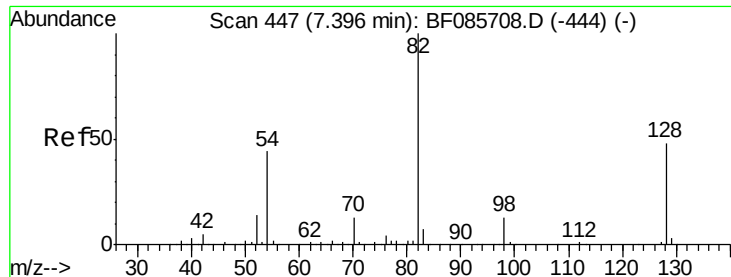
136 100

137 11.4 9.1 13.7

54 9.2 7.4 11.0

68 7.4 5.8 8.8





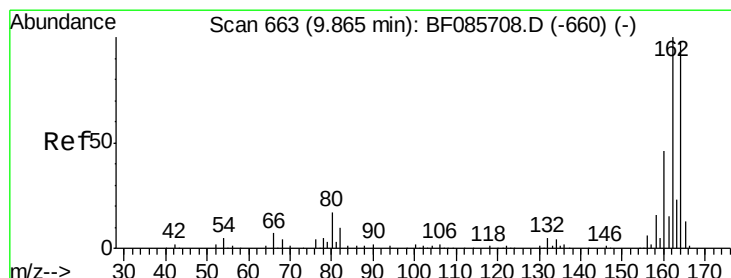
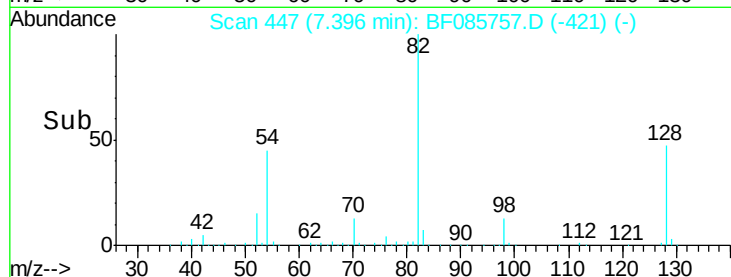
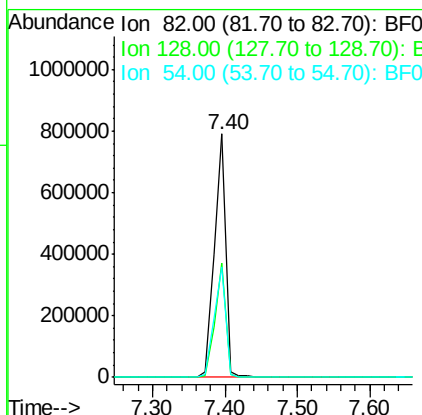
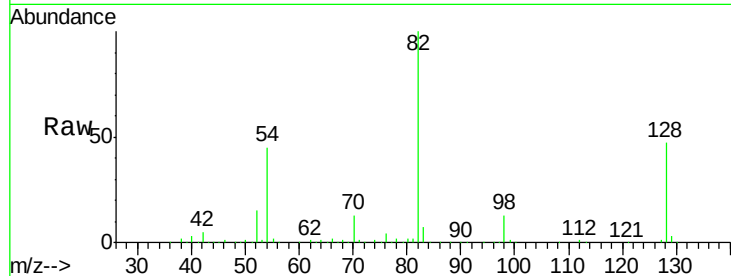
#23
 Nitrobenzene-d5
 Concen: 112.13 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085757.D
 Acq: 25 Mar 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	41.8	62.8
54	45.1	33.4	50.0

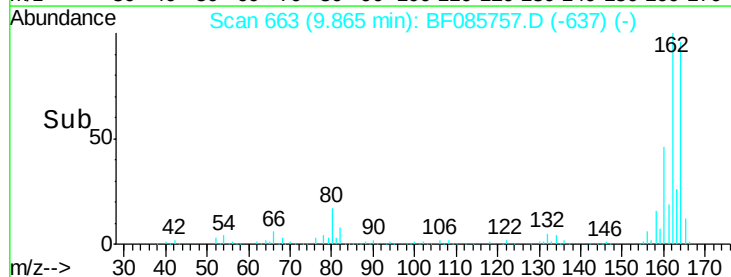
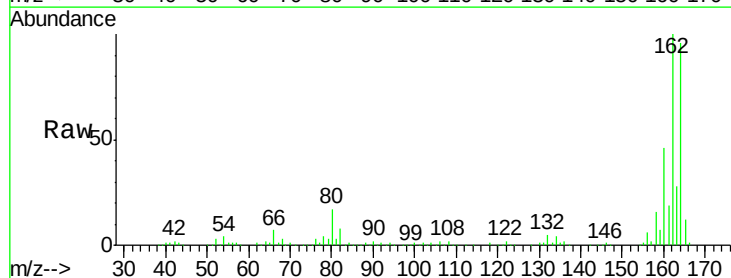
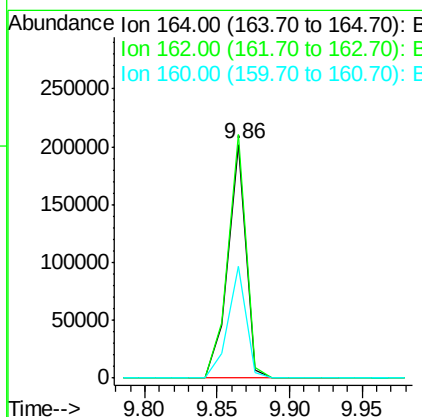
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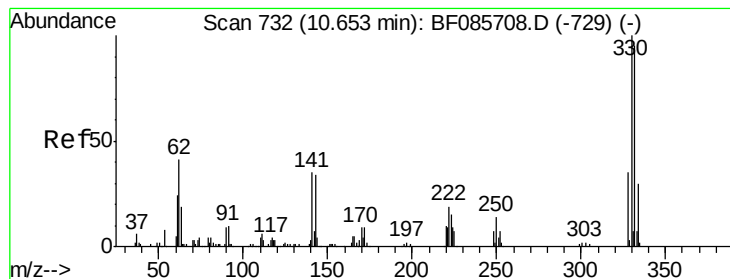
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085757.D
 Acq: 25 Mar 2016 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.1	123.1
160	47.6	37.4	56.2





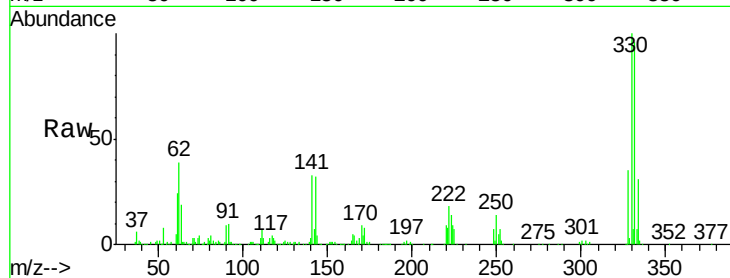
#41
 2,4,6-Tribromophenol
 Concen: 133.63 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085757.D
 Acq: 25 Mar 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12A

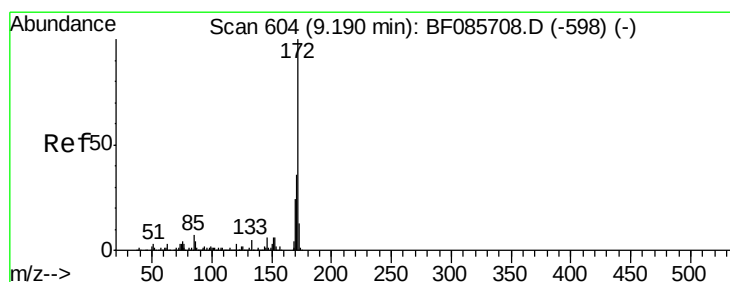
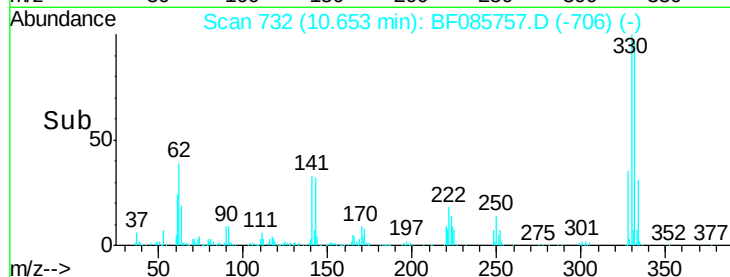
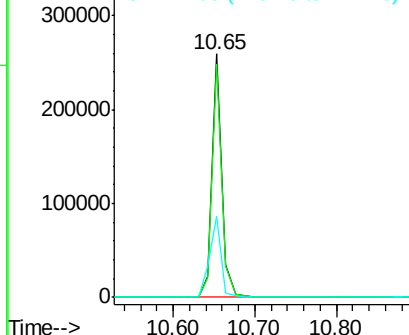
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	222733		
332	95.5	78.2	117.2	
141	40.0	31.5	47.3	

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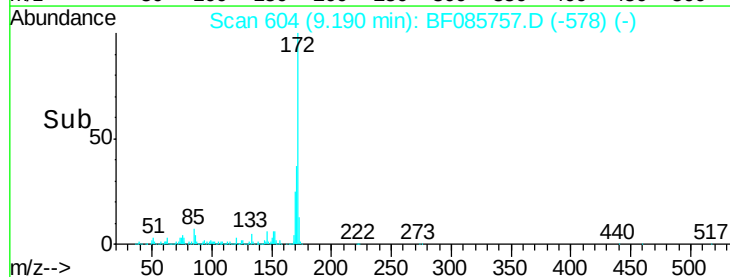
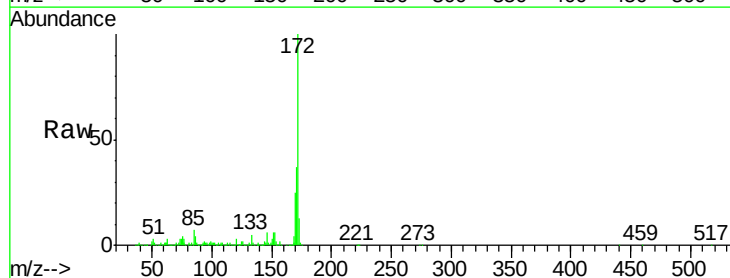
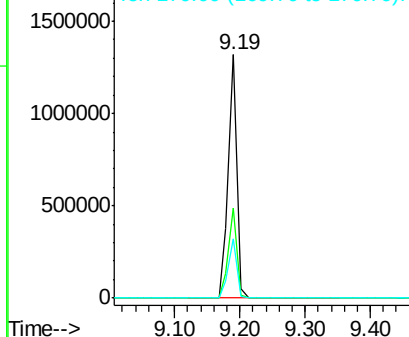
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

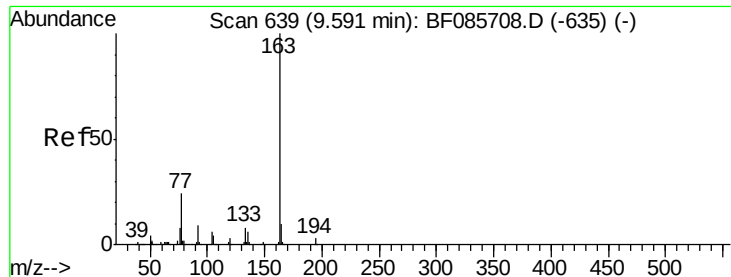


#44
 2-Fluorobiphenyl
 Concen: 115.98 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085757.D
 Acq: 25 Mar 2016 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1217806		
171	36.9	29.4	44.2	
170	24.6	19.8	29.6	

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





#49

Dimethylphthalate

Concen: 17.26 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085757.D

Acq: 25 Mar 2016 12:17

Instrument :

BNA_F

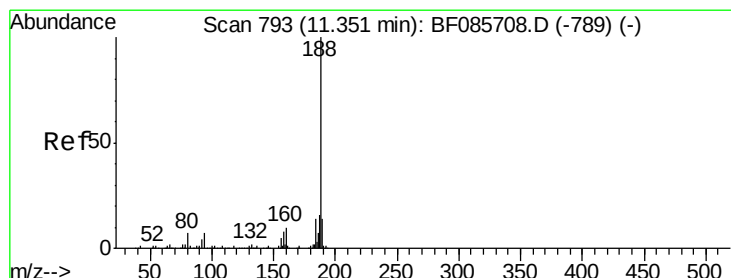
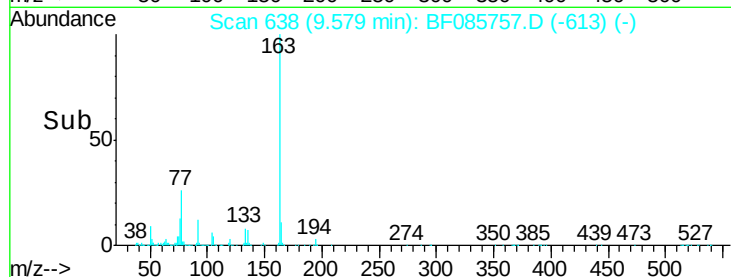
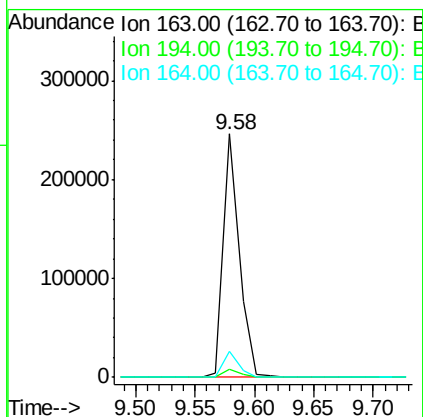
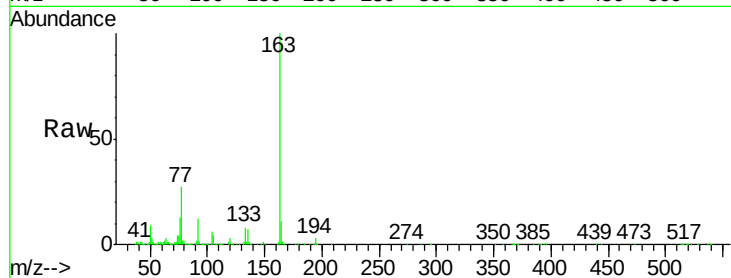
ClientSampleId :

TRACK-D-GRID-12A

Tgt Ion:	163	Resp:	229699
Ion Ratio		Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.6	8.3	12.5

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#63

Phenanthrene-d10

Concen: 20.00 ng

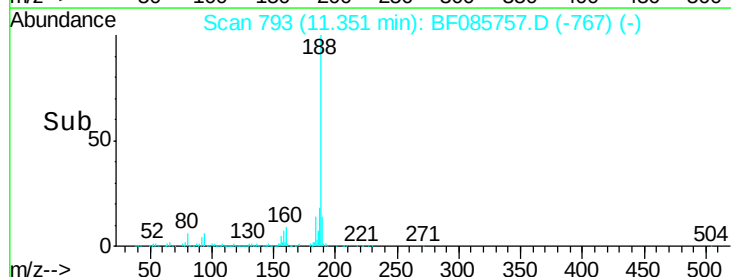
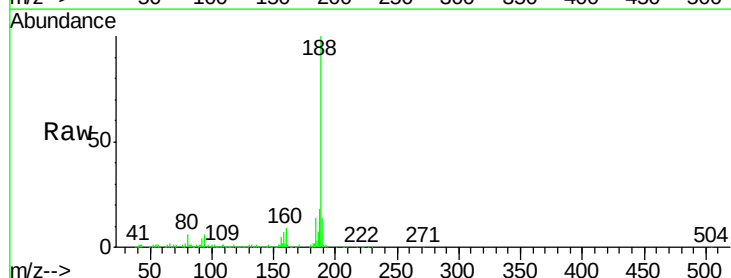
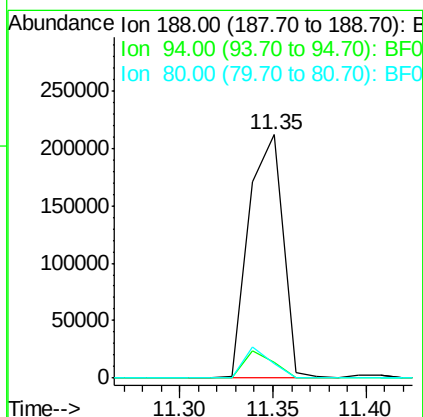
RT: 11.35 min Scan# 793

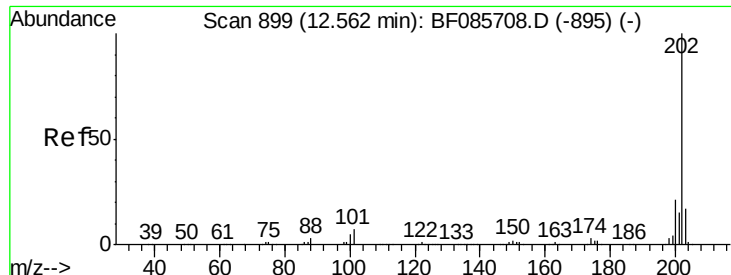
Delta R.T. -0.00 min

Lab File: BF085757.D

Acq: 25 Mar 2016 12:17

Tgt Ion:	188	Resp:	268368
Ion Ratio		Lower	Upper
188	100		
94	6.3	5.4	8.0
80	6.0	5.5	8.3





#74

Fluoranthene

Concen: 3.18 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085757.D

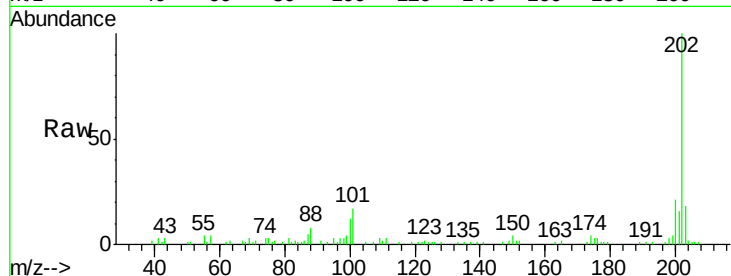
Acq: 25 Mar 2016 12:17

Instrument :

BNA_F

ClientSampleId :

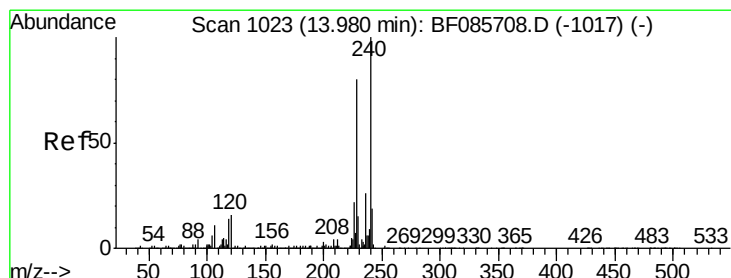
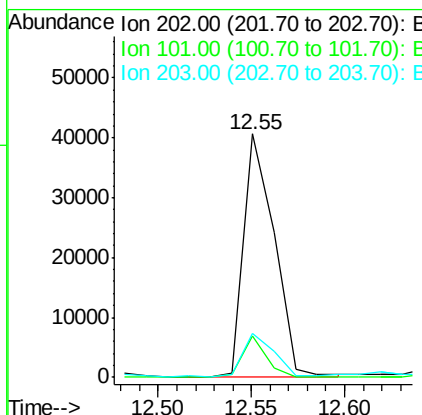
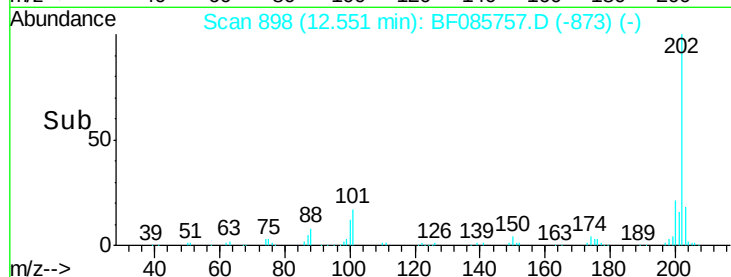
TRACK-D-GRID-12A



Tgt Ion:	202	Resp:	46564
Ion Ratio	Lower	Upper	
202	100		
101	16.8	0.0	36.6
203	18.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

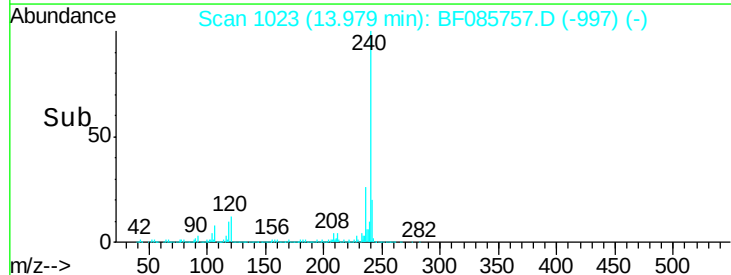
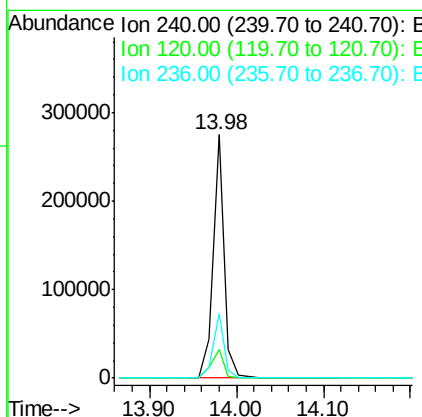
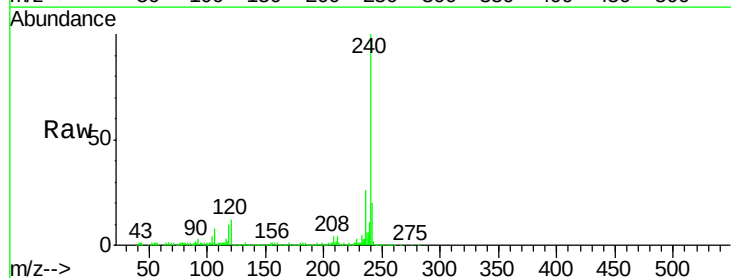
RT: 13.98 min Scan# 1023

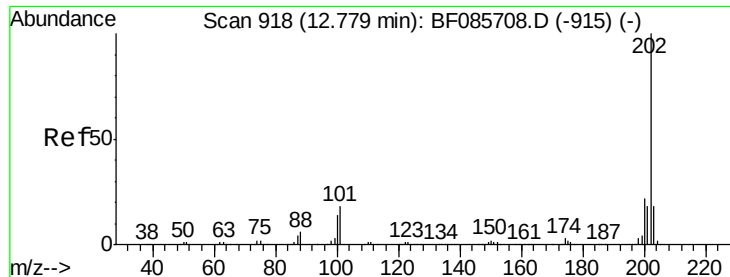
Delta R.T. -0.00 min

Lab File: BF085757.D

Acq: 25 Mar 2016 12:17

Tgt Ion:	240	Resp:	247462
Ion Ratio	Lower	Upper	
240	100		
120	11.9	13.8	20.8#
236	26.4	20.6	30.8





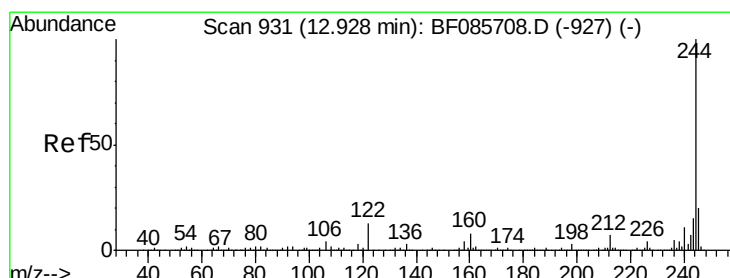
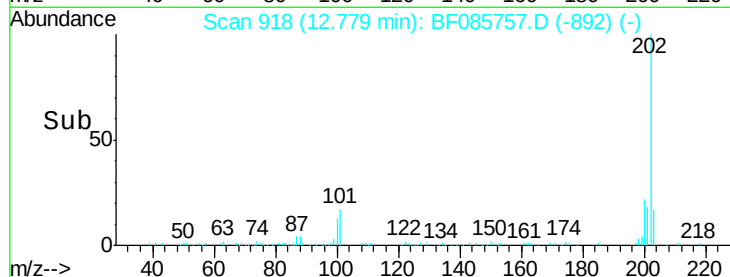
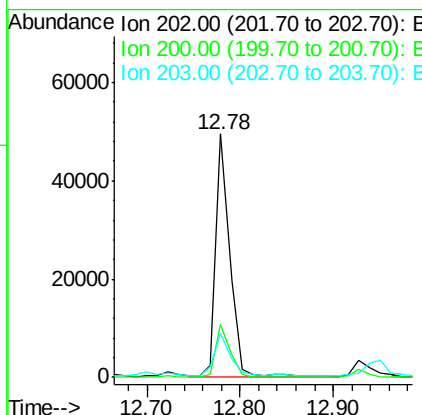
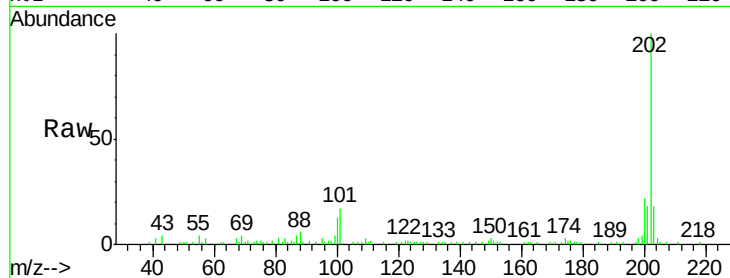
#77
 Pyrene
 Concen: 2.59 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085757.D
 Acq: 25 Mar 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12A

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.8	14.0	21.0

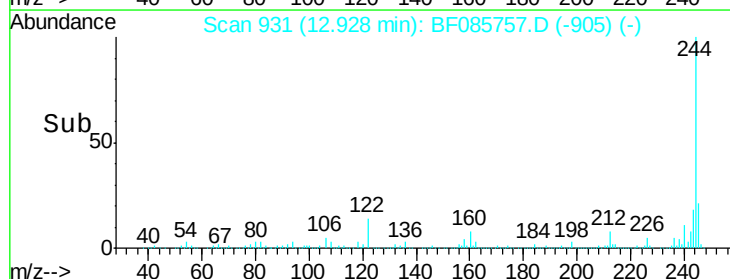
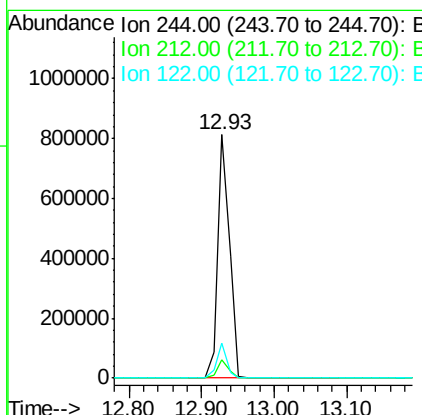
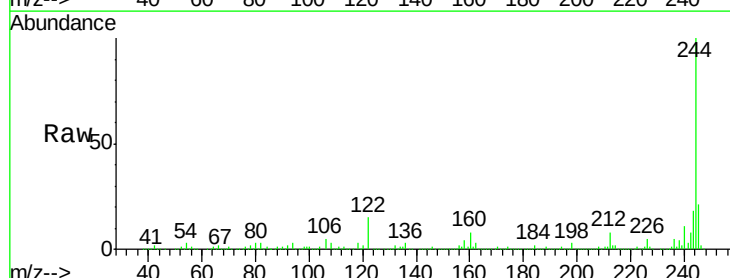
Manual Integrations
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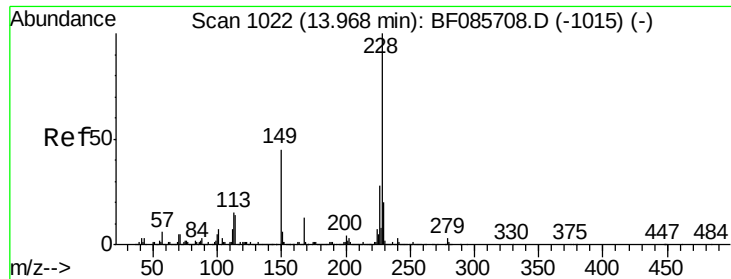
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#78
 Terphenyl-d14
 Concen: 75.51 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085757.D
 Acq: 25 Mar 2016 12:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	14.5	10.2	15.4





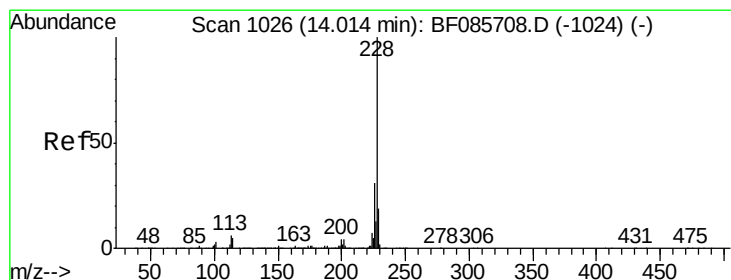
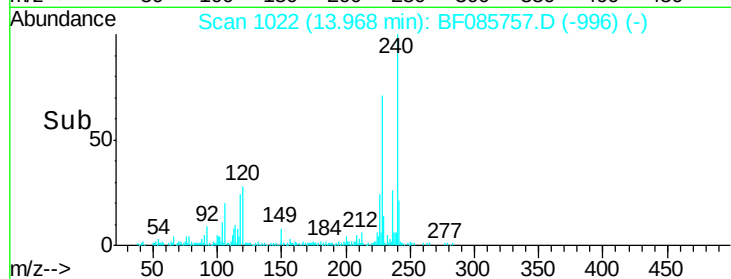
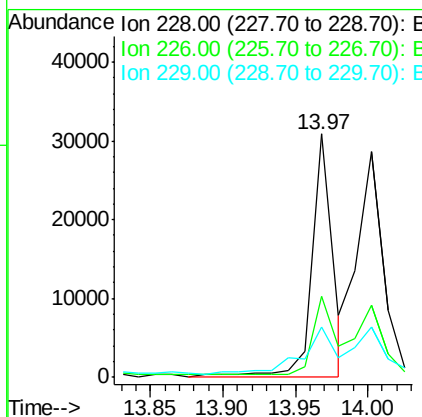
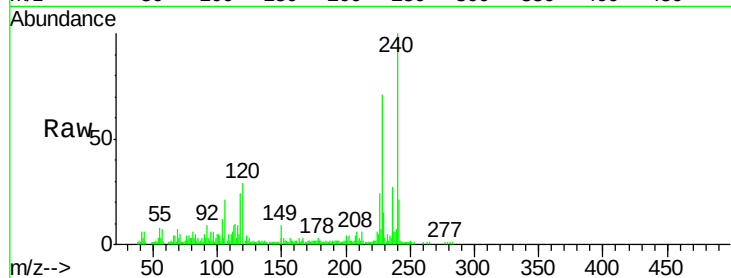
#80
Benzo(a)anthracene
Concen: 2.19 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085757.D
Acq: 25 Mar 2016 12:17

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.1	33.1
229	20.5	16.2	24.4

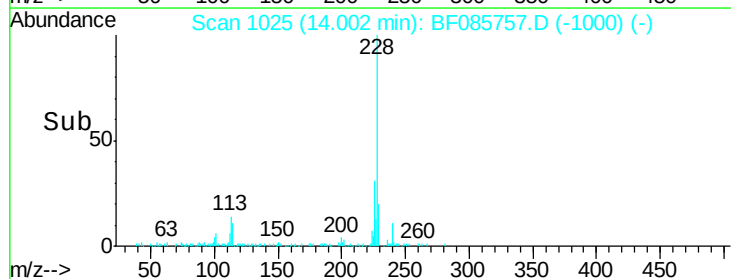
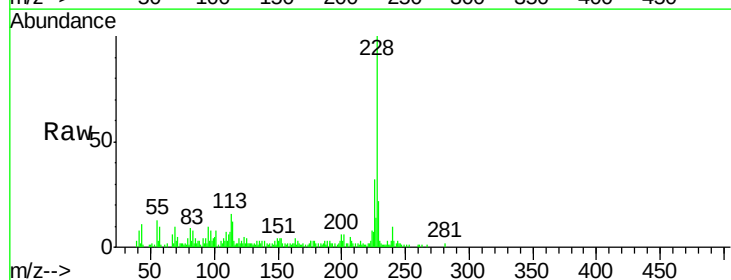
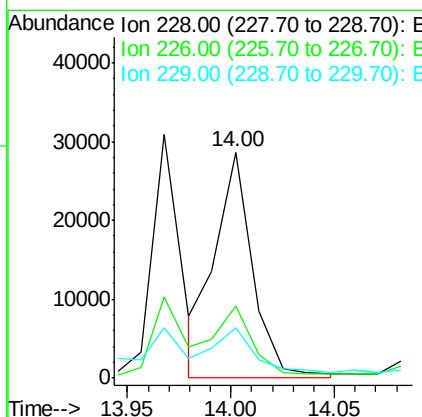
Manual Integrations
APPROVED

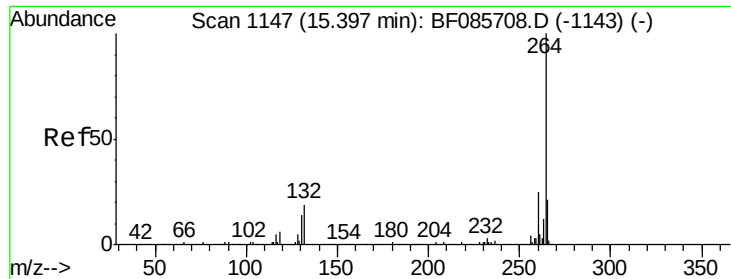
Sohil
3/25/2016 5:57:00 PM



#82
Chrysene
Concen: 2.56 ng m
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085757.D
Acq: 25 Mar 2016 12:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	22.4	15.7	23.5





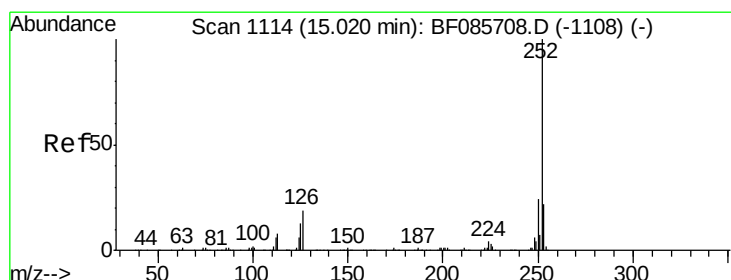
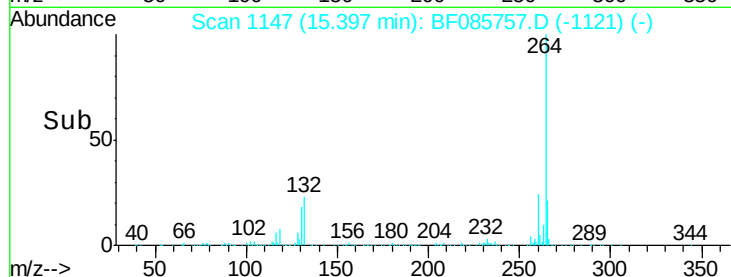
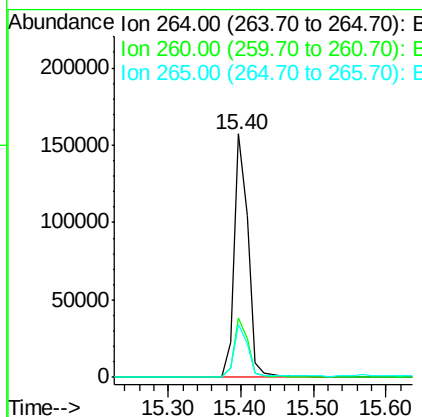
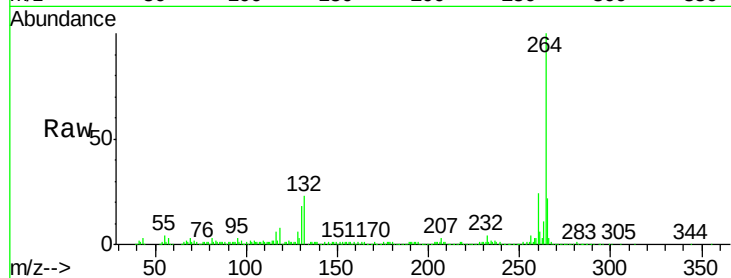
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085757.D
Acq: 25 Mar 2016 12:17

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/25/2016 5:57:00 PM



#87
Benzo(b)fluoranthene
Concen: 3.93 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085757.D
Acq: 25 Mar 2016 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	13.8	10.3	15.5

