

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085381.D
 Acq On : 11 Mar 2016 19:32
 Operator : UM/SJ
 Sample : H1757-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Manual Integrations
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 3/14/2016 10:45:22 AM

Quant Time: Mar 14 04:55:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	142598	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	568922	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	260740	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	447333	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	268996	20.00	ng	-0.05
86) Perylene-d12	15.57	264	262389	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1381272	162.48	ng	-0.03
7) Phenol-d6	6.56	99	1486667	133.48	ng	-0.05
23) Nitrobenzene-d5	7.50	82	975733	91.78	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	322076	144.36	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1757272	102.50	ng	-0.05
78) Terphenyl-d14	13.05	244	1235425	106.62	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	9.69	163	209956	10.49	ng	99
74) Fluoranthene	12.68	202	86483	3.68	ng	96
77) Pyrene	12.90	202	82880	4.09	ng	97
80) Benzo(a)anthracene	14.09	228	39076m	2.43	ng	
82) Chrysene	14.13	228	52193	3.51	ng	97
85) Indeno(1,2,3-cd)pyrene	17.02	276	38362	3.30	ng	95
87) Benzo(b)fluoranthene	15.13	252	85471m	4.89	ng	
89) Benzo(a)pyrene	15.50	252	35822	2.47	ng	# 90
91) Benzo(g,h,i)perylene	17.45	276	33895	2.72	ng	98

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

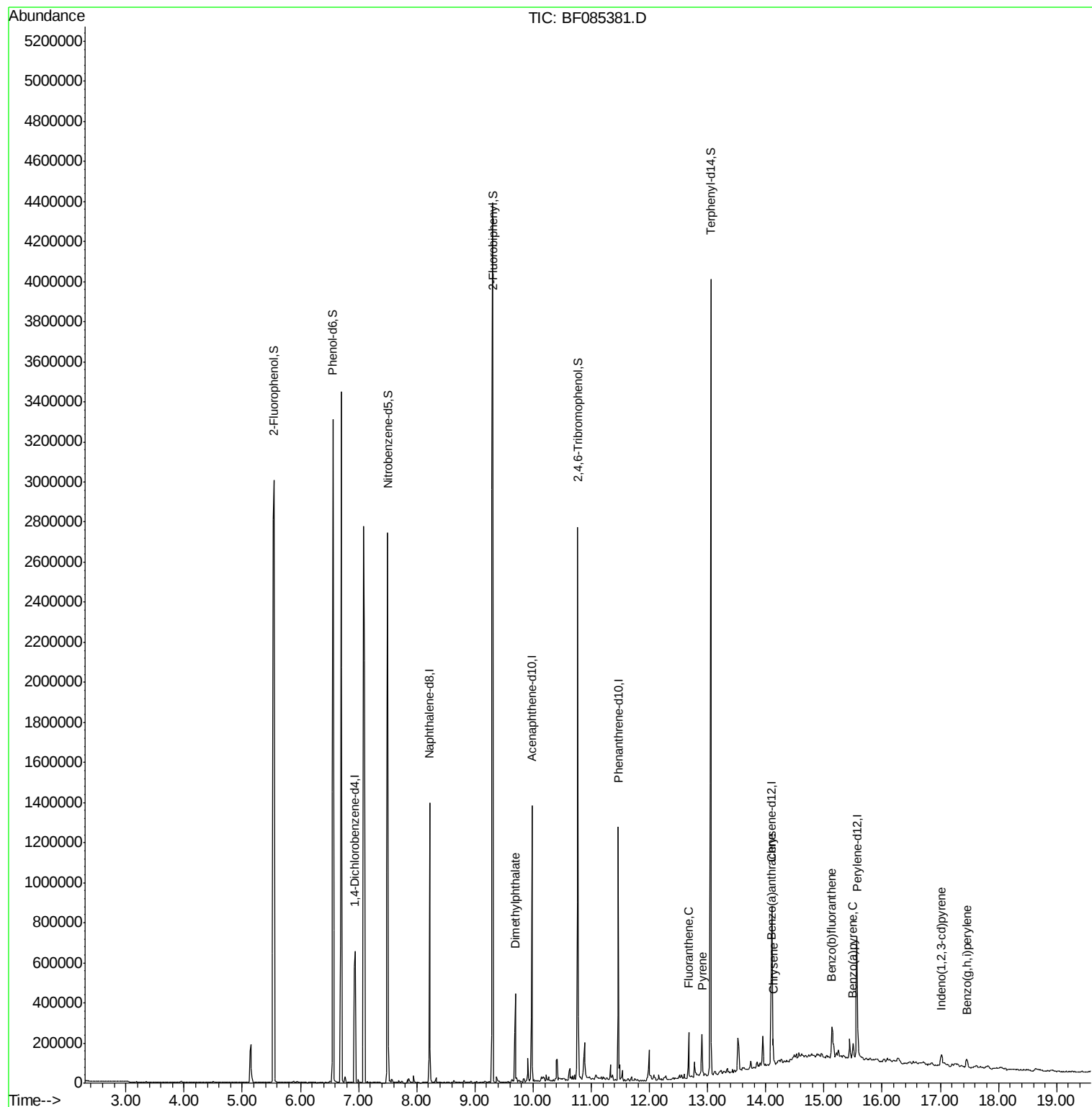
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

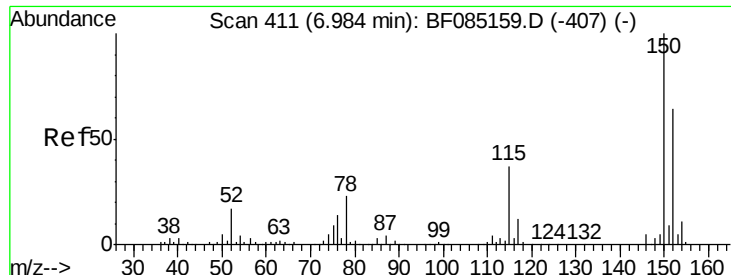
Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

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Quant Time: Mar 14 04:55:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

Instrument :

BNA_F

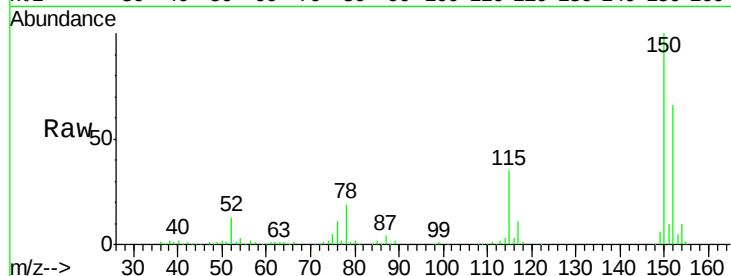
ClientSampleId :

TRACK-D-STOCKPICE-COMP1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	52.8	46.6	70.0

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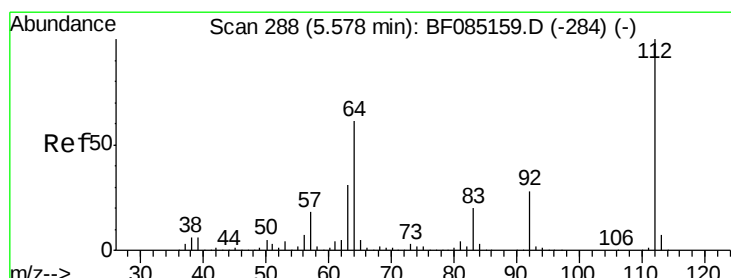
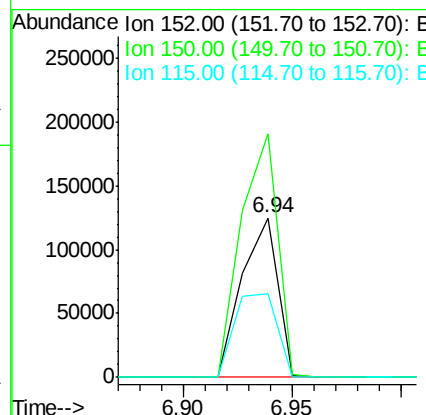
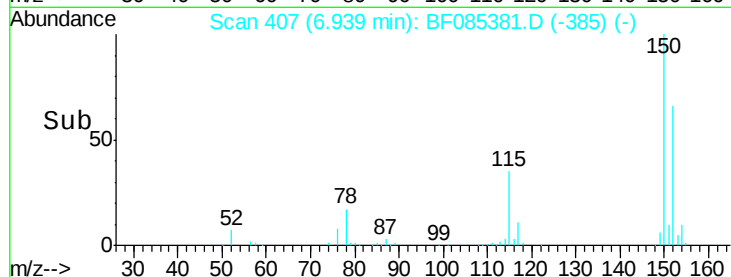


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 162.48 ng

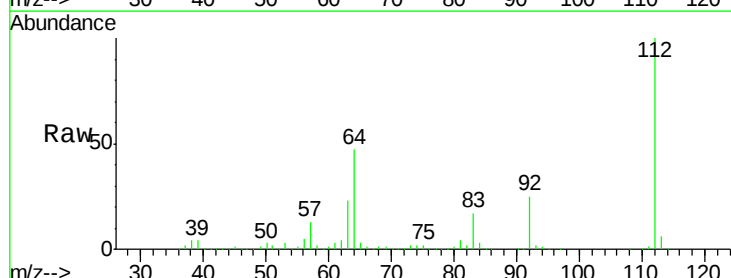
RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085381.D

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Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.6	49.0	73.4#
63	23.2	24.8	37.2#

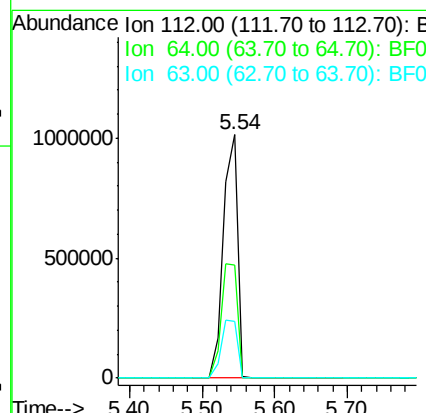
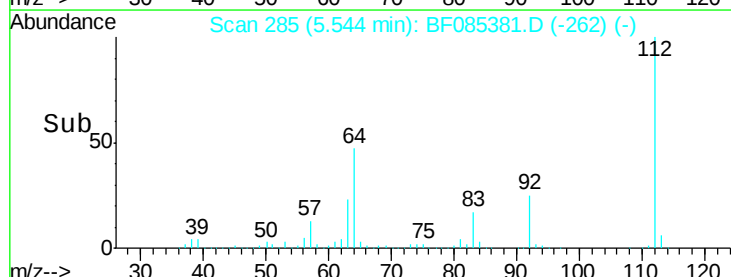


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.48 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085381.D

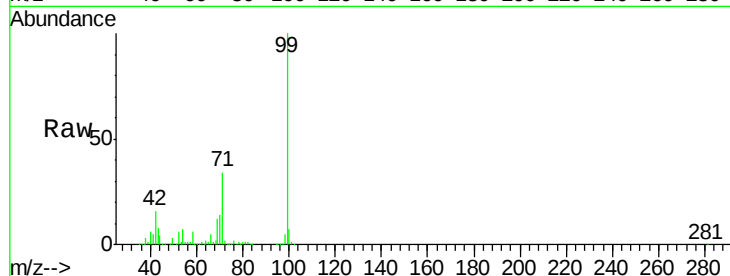
Acq: 11 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1



Tgt Ion: 99 Resp: 1486667

Ion Ratio Lower Upper

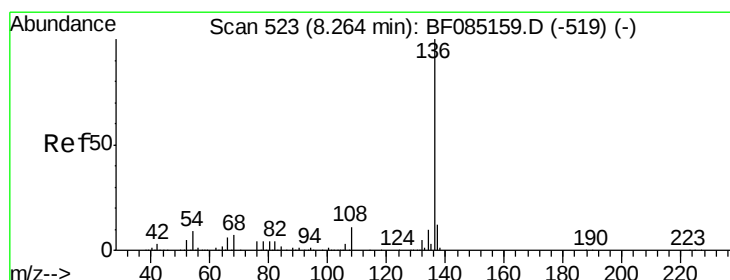
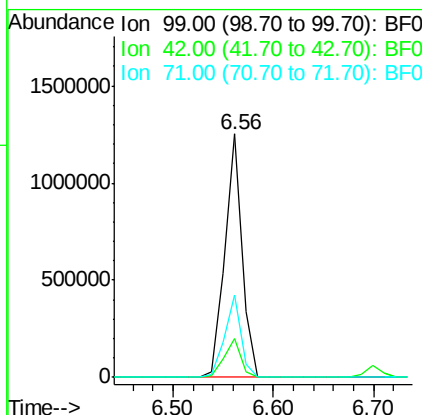
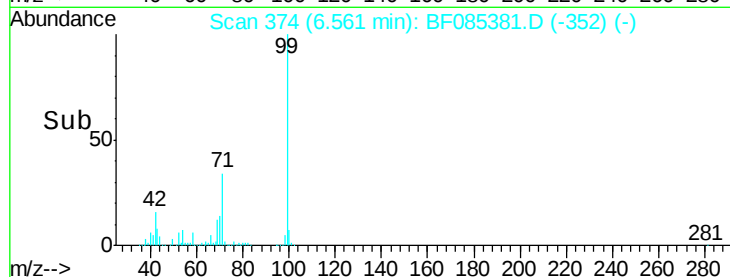
99 100

42 16.1 13.6 20.4

71 33.6 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

Tgt Ion: 136 Resp: 568922

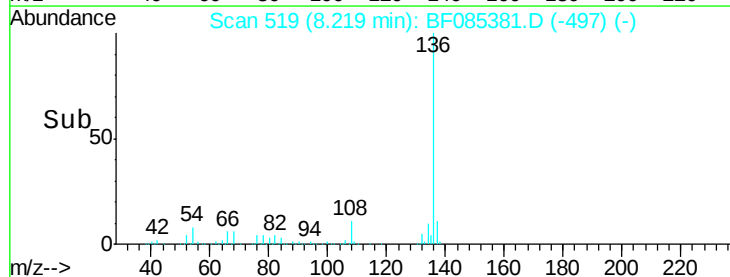
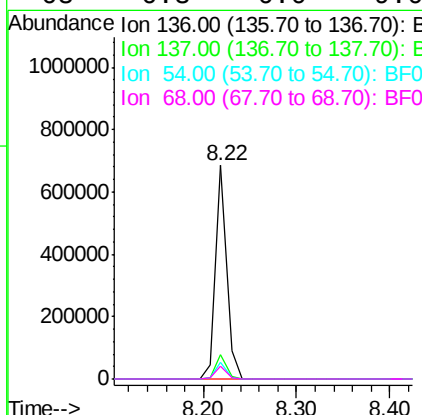
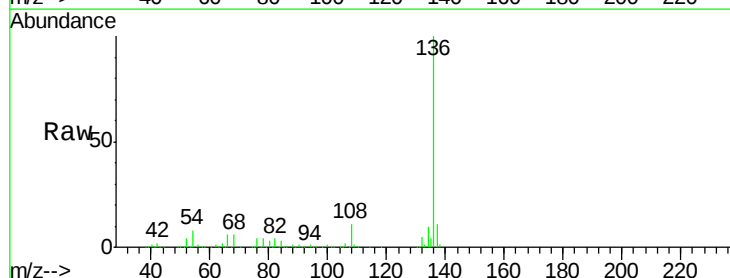
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.9 7.4 11.2

68 6.3 6.0 9.0





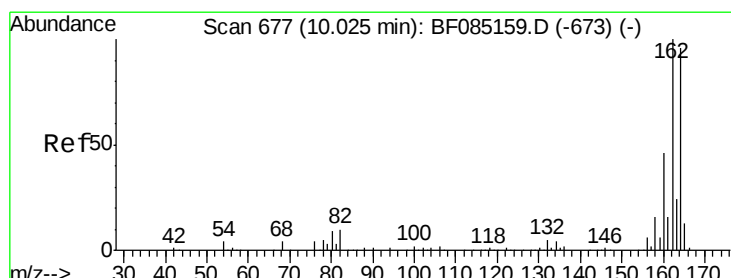
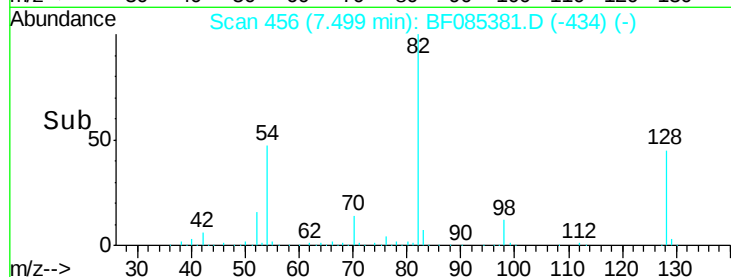
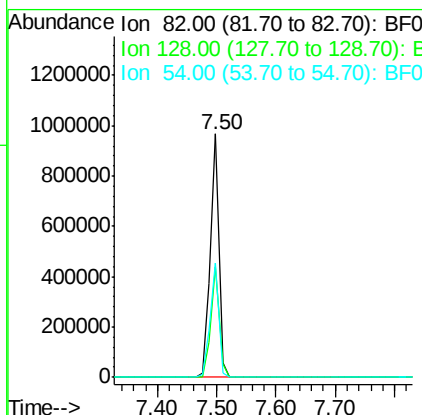
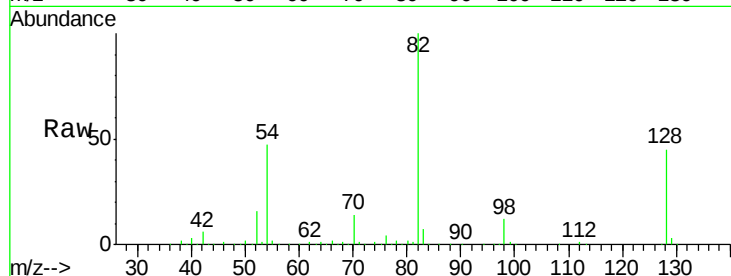
#23
 Nitrobenzene-d5
 Concen: 91.78 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.5	51.7
54	47.1	39.3	58.9

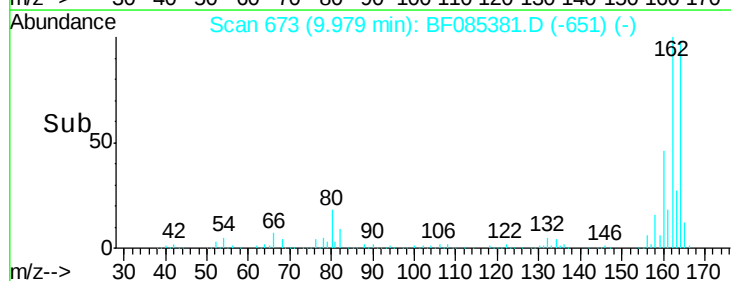
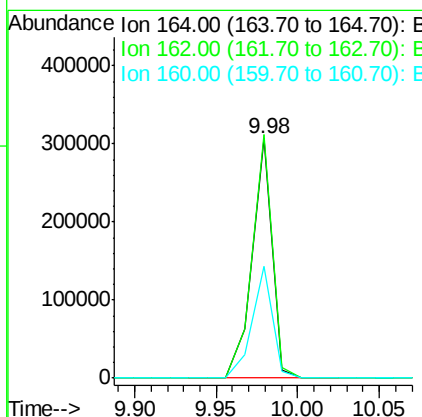
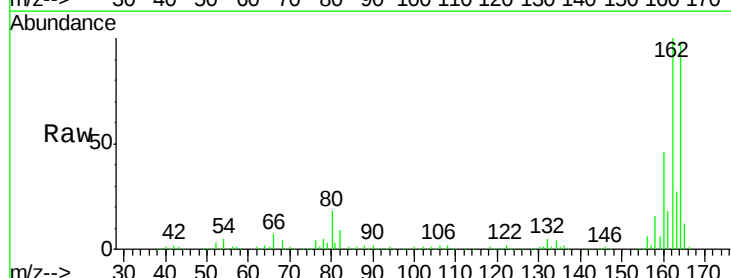
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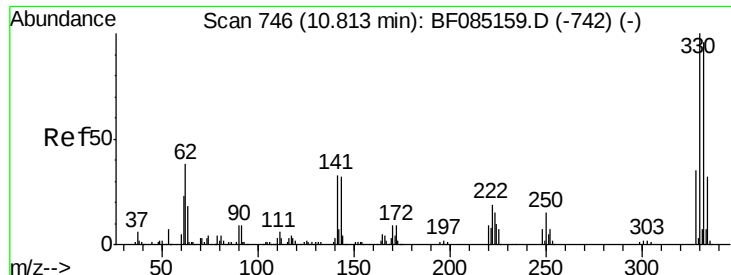
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.3	124.9
160	46.8	37.9	56.9





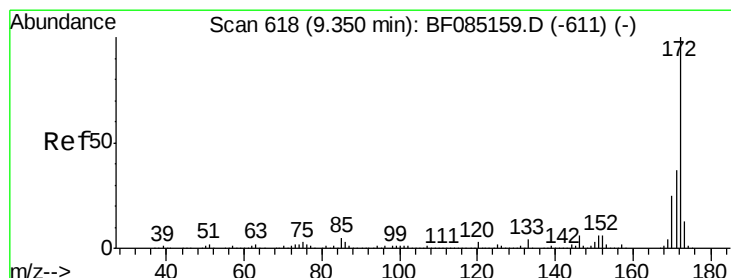
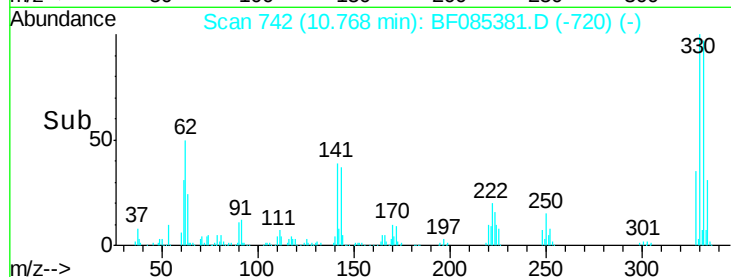
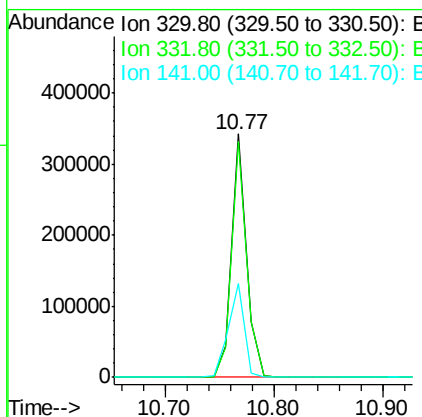
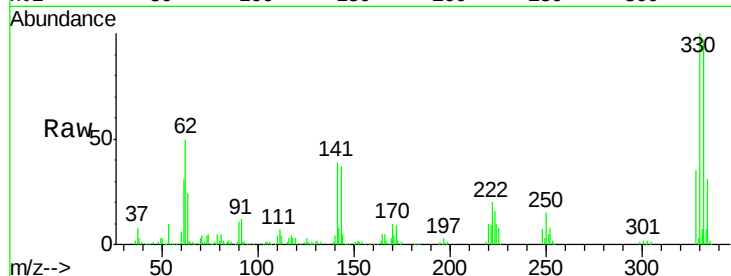
#41
 2,4,6-Tribromophenol
 Concen: 144.36 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	322076		
332	97.2	77.1	115.7	
141	41.6	35.0	52.6	

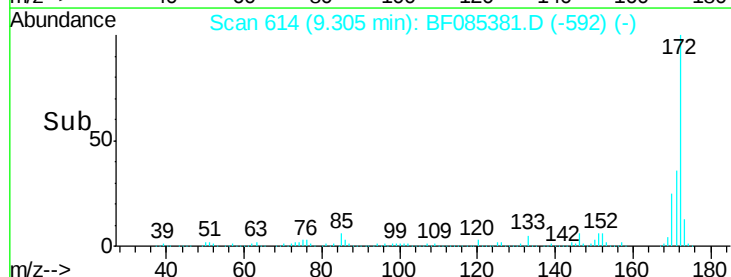
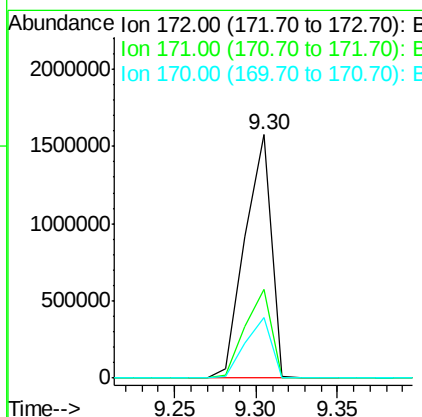
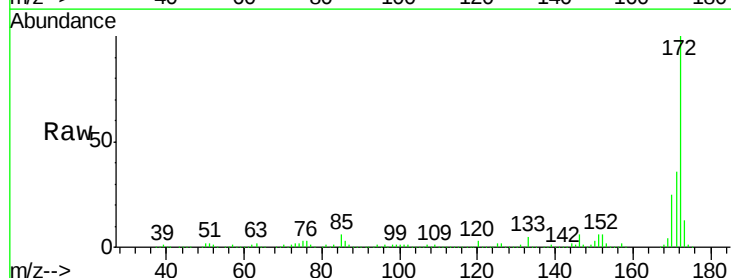
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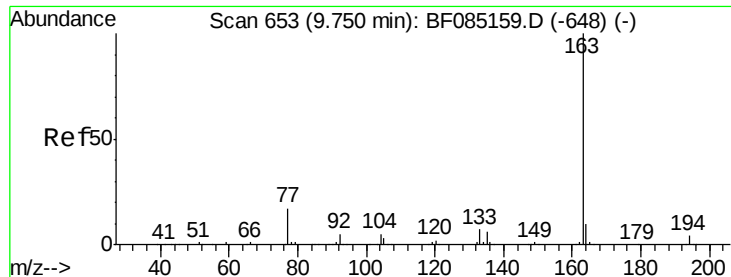
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#44
 2-Fluorobiphenyl
 Concen: 102.50 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1757272		
171	36.3	29.3	43.9	
170	25.0	20.0	30.0	





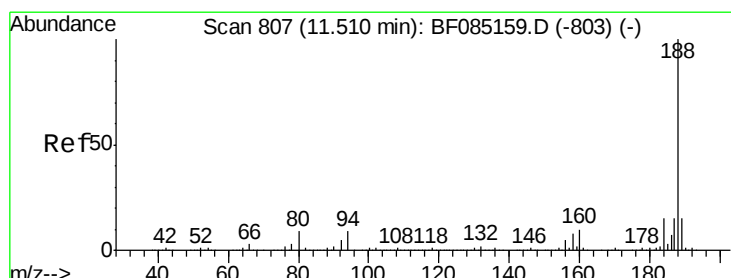
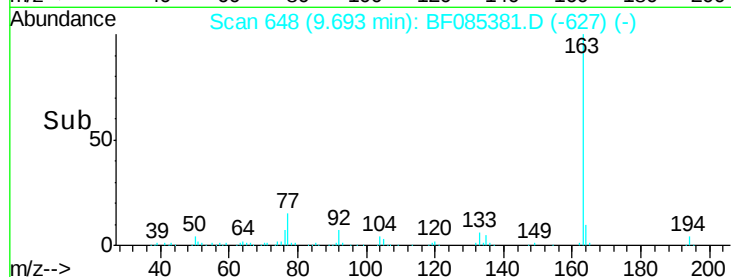
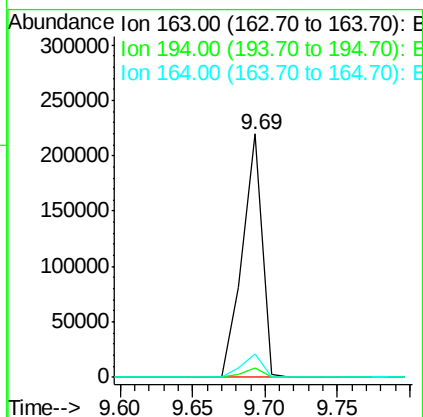
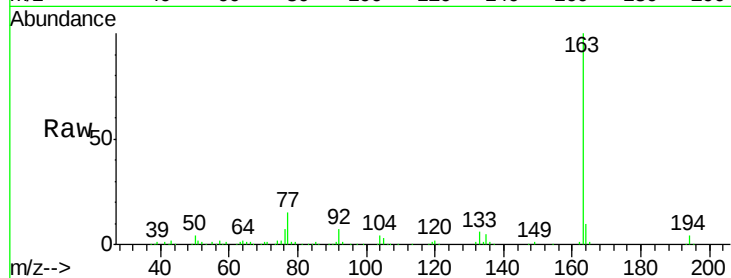
#49
Dimethylphthalate
Concen: 10.49 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	3.1	4.7
164	9.8	8.2	12.4

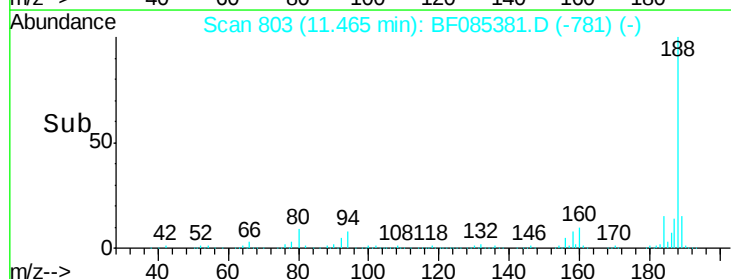
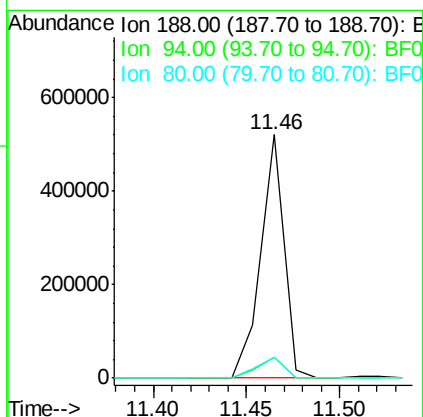
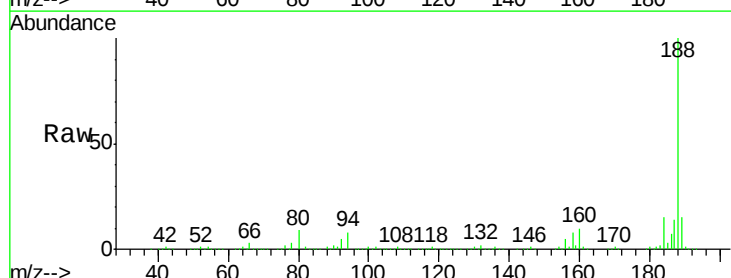
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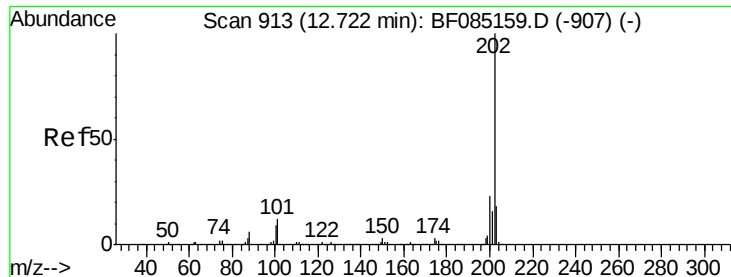
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	7.0	10.6
80	8.6	7.4	11.0





#74

Fluoranthene

Concen: 3.68 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

Instrument :

BNA_F

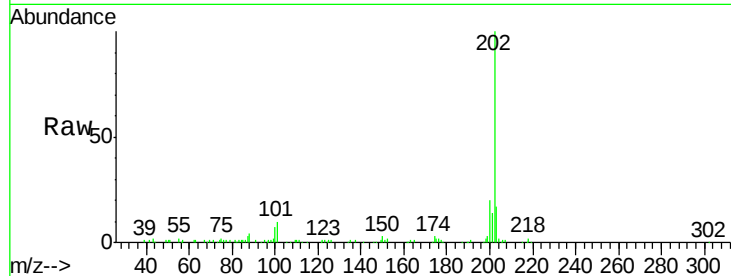
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TRACK-D-STOCKPICE-COMP1

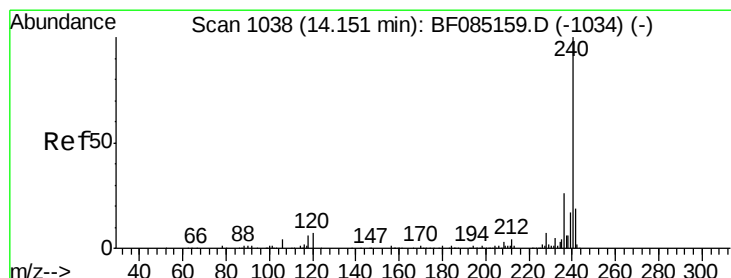
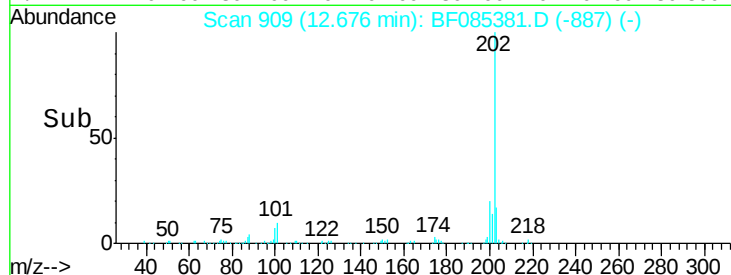
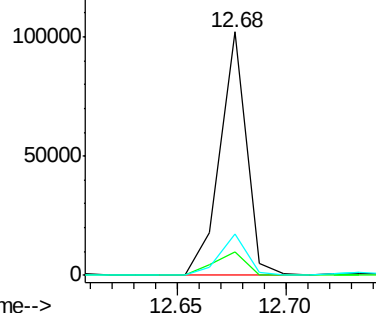
Tgt Ion:	202	Resp:	86483
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	31.8
203	17.2	0.0	38.4

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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: 14.11 min Scan# 1034

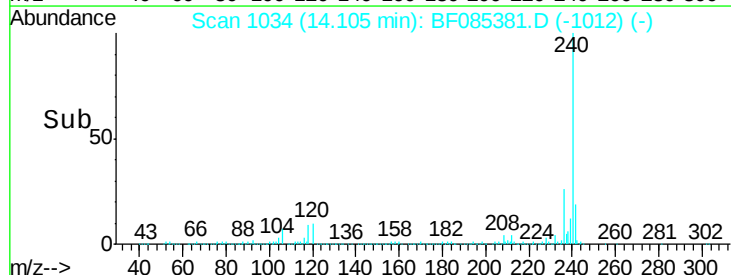
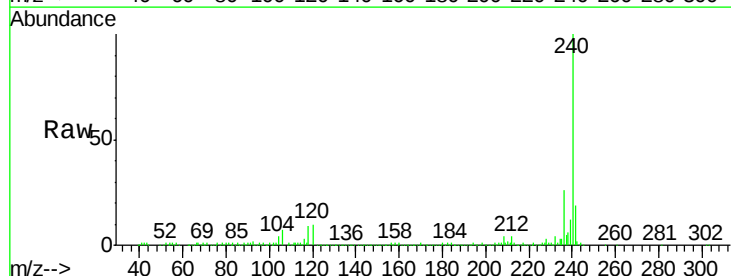
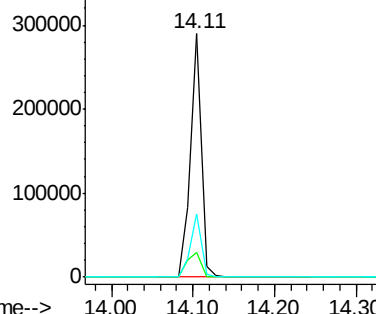
Delta R.T. -0.05 min

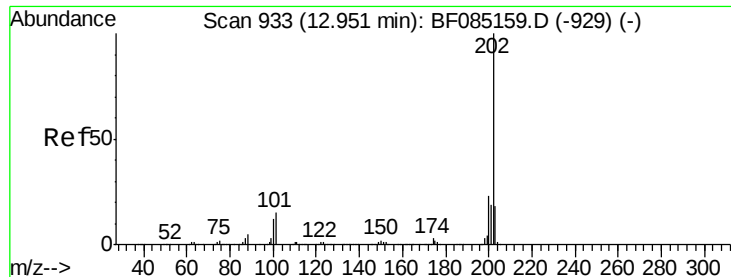
Lab File: BF085381.D

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Tgt Ion:	240	Resp:	268996
Ion Ratio	Lower	Upper	
240	100		
120	10.3	5.3	7.9#
236	25.8	20.7	31.1

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: 4.09 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

Instrument :

BNA_F

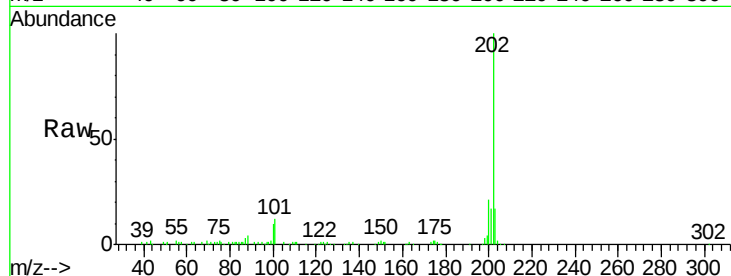
ClientSampleId :

TRACK-D-STOCKPICE-COMP1

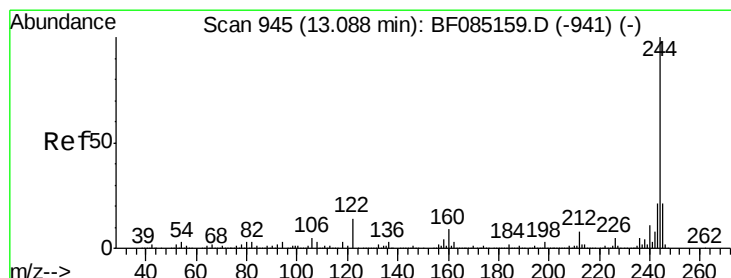
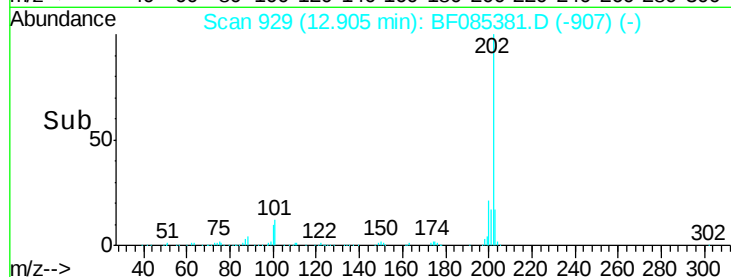
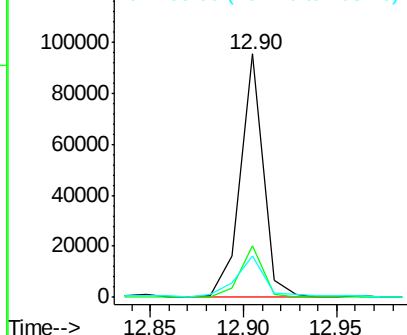
Tgt Ion:	202	Resp:	82880
Ion Ratio	Lower	Upper	
202	100		
200	21.4	18.2	27.4
203	17.2	14.7	22.1

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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: 106.62 ng

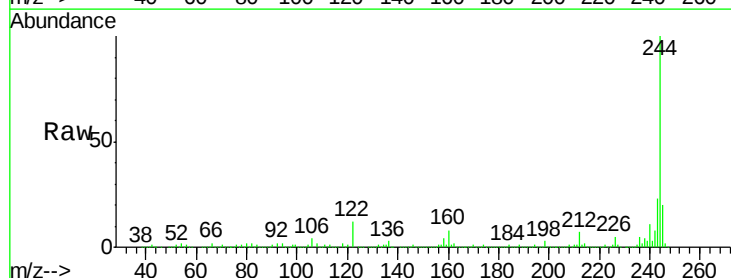
RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

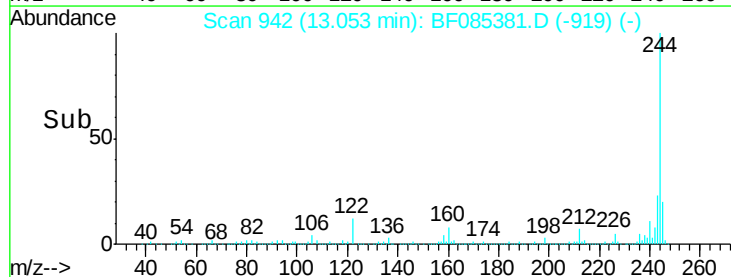
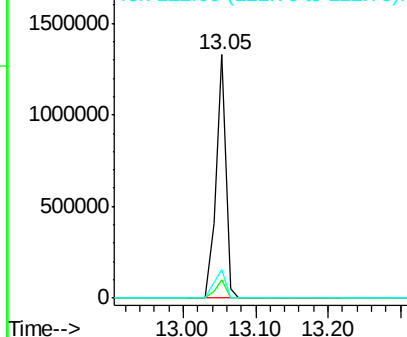
Lab File: BF085381.D

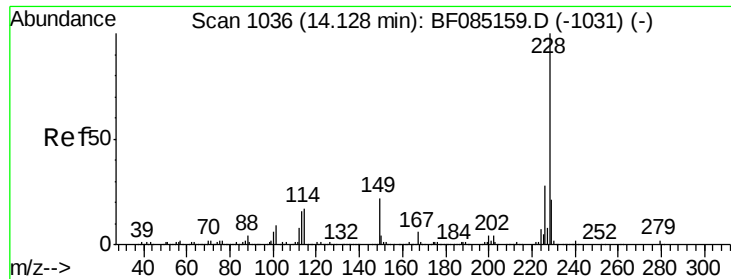
Acq: 11 Mar 2016 19:32

Tgt Ion:	244	Resp:	1235425
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.4	9.6
122	11.8	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





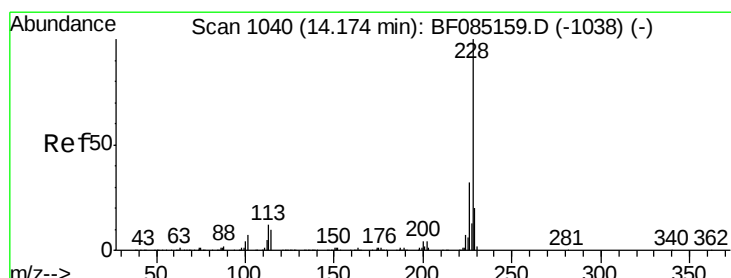
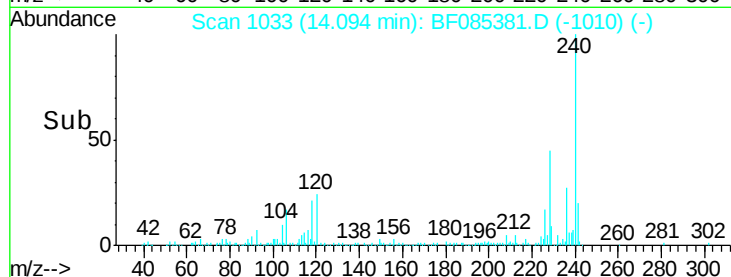
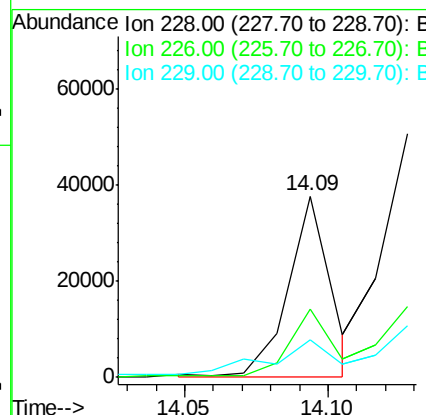
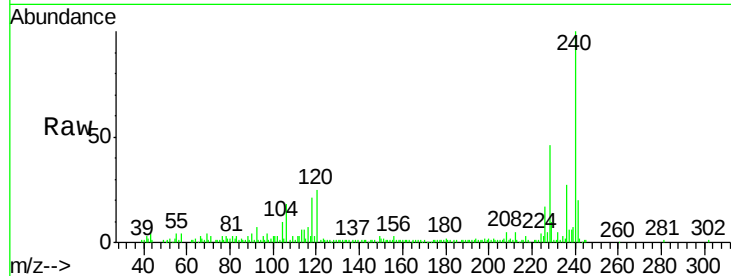
#80
Benzo(a)anthracene
Concen: 2.43 ng m
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.5	22.8	34.2#
229	20.9	16.6	24.8

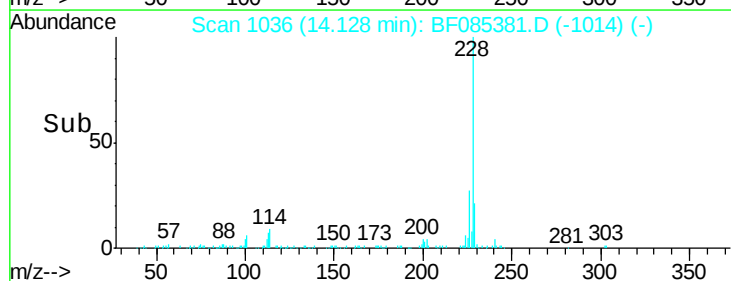
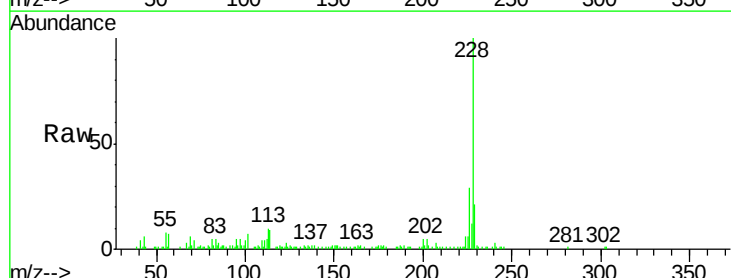
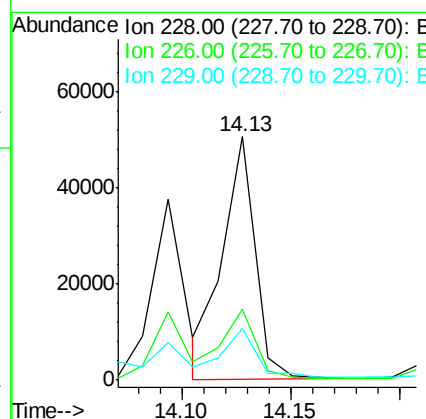
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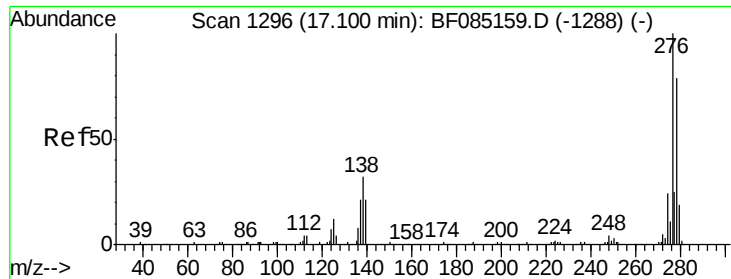
UMANGI
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#82
Chrysene
Concen: 3.51 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.2	37.8
229	21.1	16.0	24.0





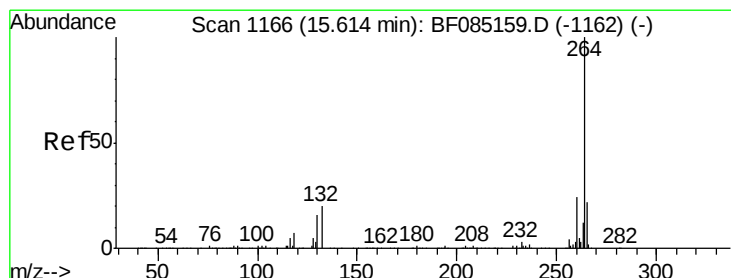
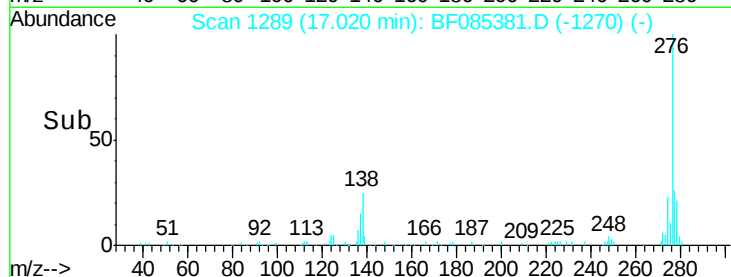
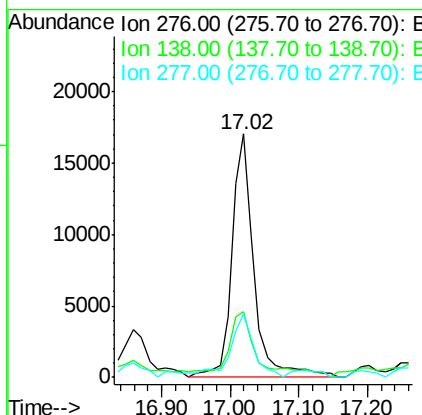
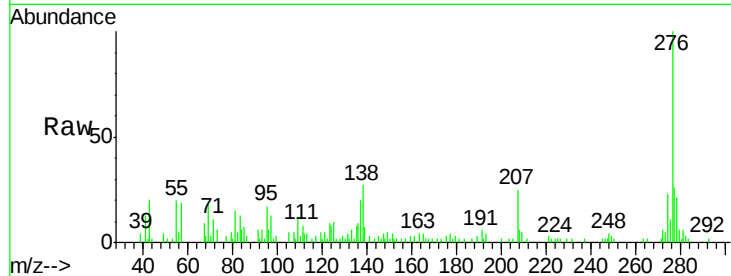
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.30 ng
RT: 17.02 min Scan# 1289
Delta R.T. -0.08 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

Tgt Ion:	276	Resp:	38362
Ion Ratio	Lower	Upper	
276	100		
138	35.8	26.4	39.6
277	27.9	20.2	30.2

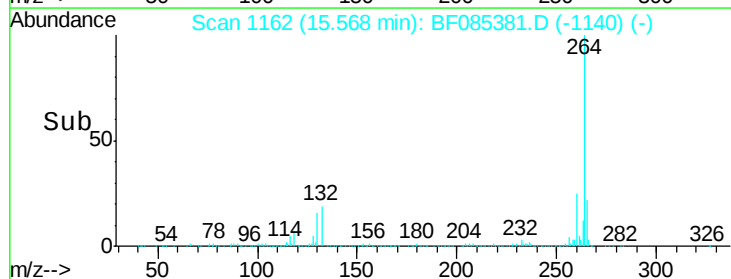
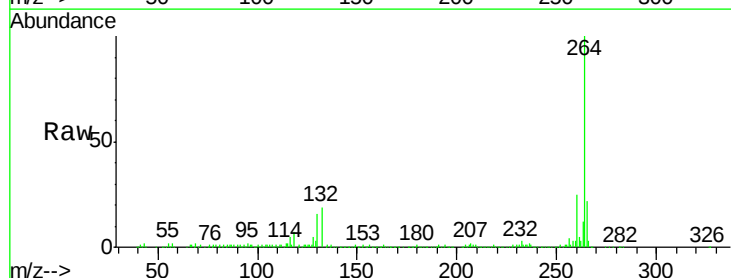
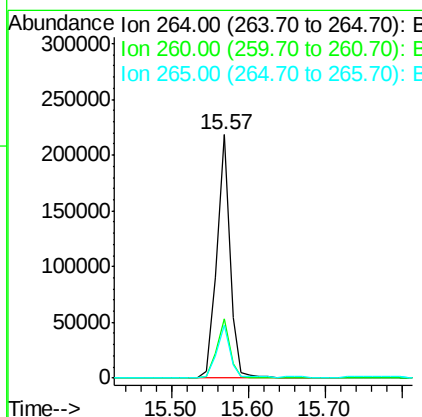
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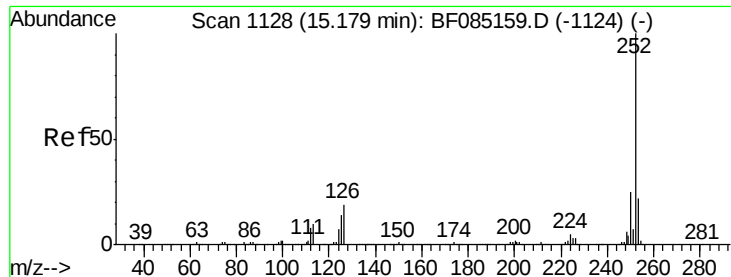
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Tgt Ion:	264	Resp:	262389
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.8	17.3	25.9





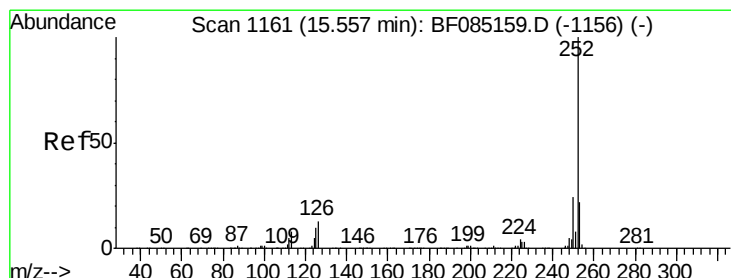
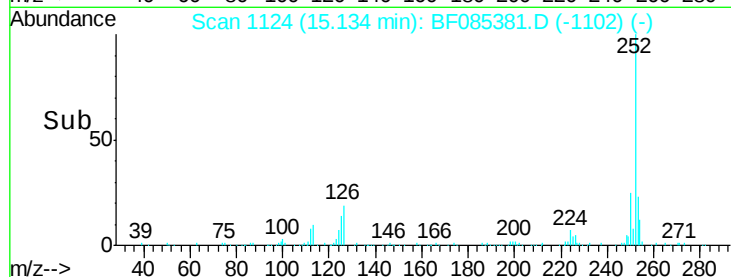
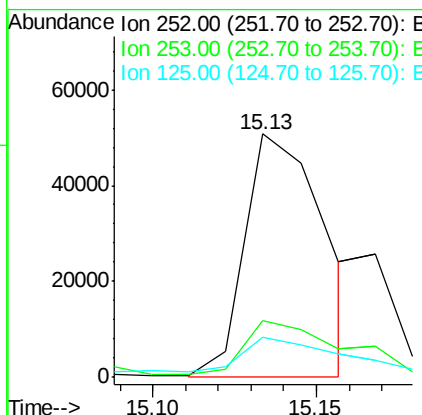
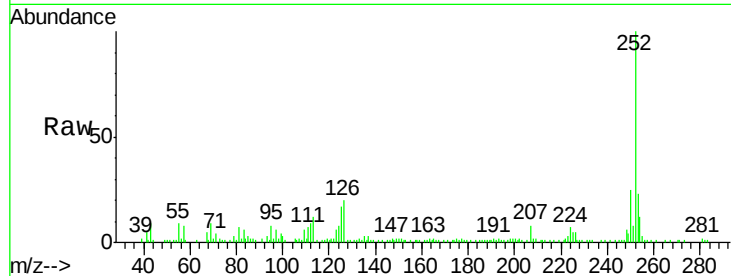
#87
Benzo(b)fluoranthene
Concen: 4.89 ng m
RT: 15.13 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

Tgt Ion:	252	Resp:	85471
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.6
125	16.7	11.3	16.9

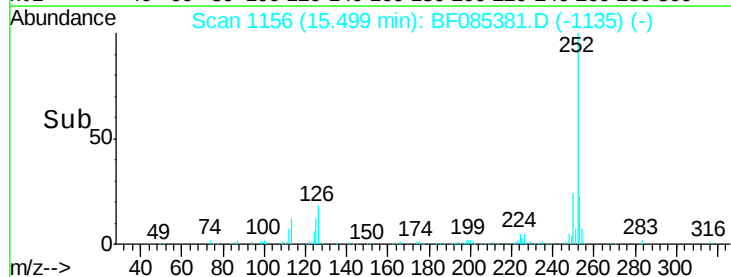
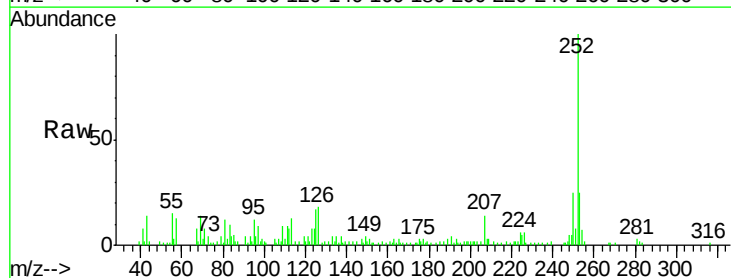
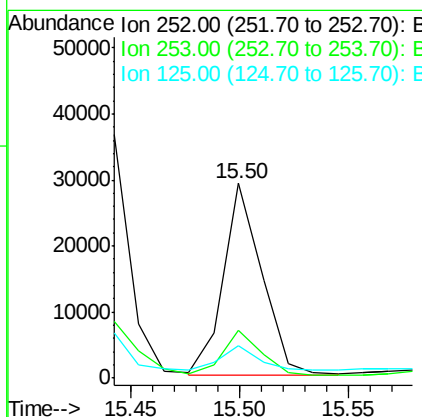
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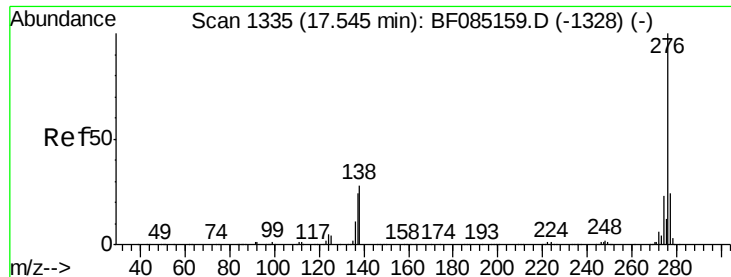
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#89
Benzo(a)pyrene
Concen: 2.47 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Tgt Ion:	252	Resp:	35822
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.4	26.0
125	16.8	8.2	12.4#





#91
 Benzo(g,h,i)perylene
 Concen: 2.72 ng
 RT: 17.45 min Scan# 1327
 Delta R.T. -0.09 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Tgt	Ion	276	Resp:	33895
Ion	Ratio	Lower	Upper	
276	100			
277	23.1	19.0	28.4	
138	29.4	22.5	33.7	

Manual Integrations
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