

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082497.D
 Acq On : 24 Oct 2015 7:14
 Operator : UM/IZ
 Sample : G4116-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB3-03(0-2)

Manual Integrations
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Quant Time: Oct 24 23:57:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	88752m	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	347865	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	166299	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	299342	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	218498	20.00	ng	-0.07
86) Perylene-d12	15.48	264	192956	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	598090	136.01	ng	0.01
7) Phenol-d6	6.41	99	802210	140.18	ng	-0.01
23) Nitrobenzene-d5	7.33	82	471975	91.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	169330	108.57	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	861502	85.91	ng	-0.01
78) Terphenyl-d14	12.88	244	769331	93.30	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	208306	17.79	ng	99
70) Phenanthrene	11.31	178	41252	2.81	ng	97
74) Fluoranthene	12.50	202	68111	4.32	ng	98
77) Pyrene	12.73	202	59576	4.59	ng	97
80) Benzo(a)anthracene	13.96	228	30357	2.67	ng	97
82) Chrysene	13.99	228	24972	2.08	ng	98
87) Benzo(b)fluoranthene	15.08	252	33283m	2.84	ng	
89) Benzo(a)pyrene	15.42	252	22168	2.20	ng	# 97

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

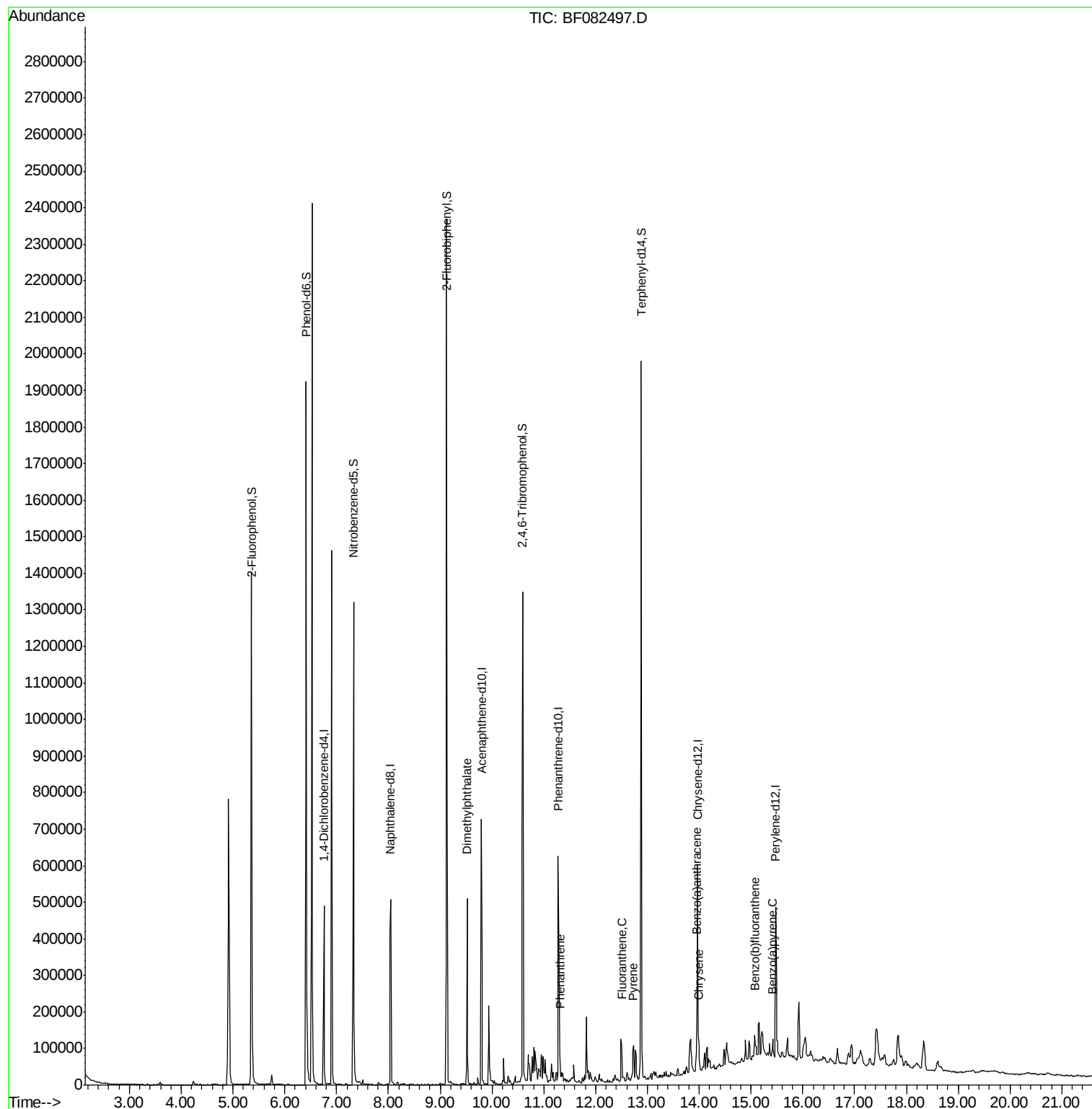
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082497.D
Acq On : 24 Oct 2015 7:14
Operator : UM/IZ
Sample : G4116-05
Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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Response via : Initial Calibration





#1

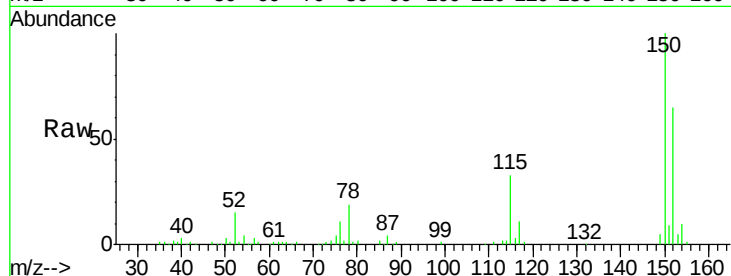
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

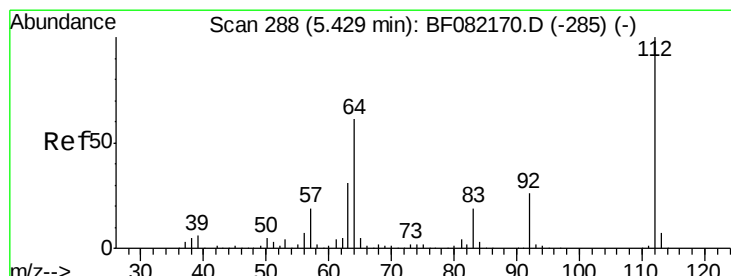
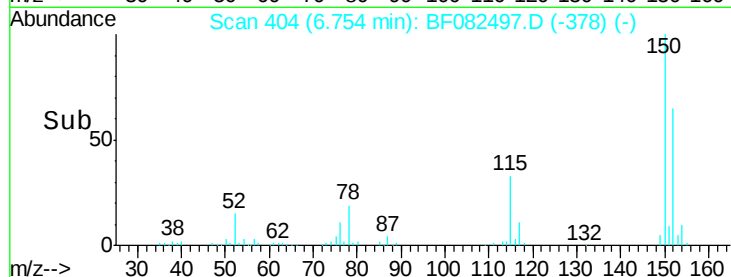
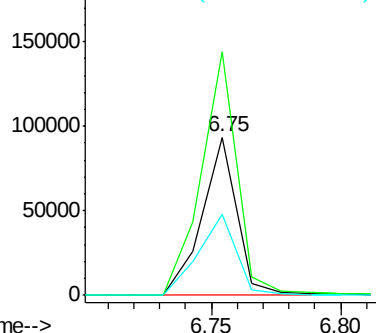
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	129.0	193.4
115	51.5	52.1	78.1#

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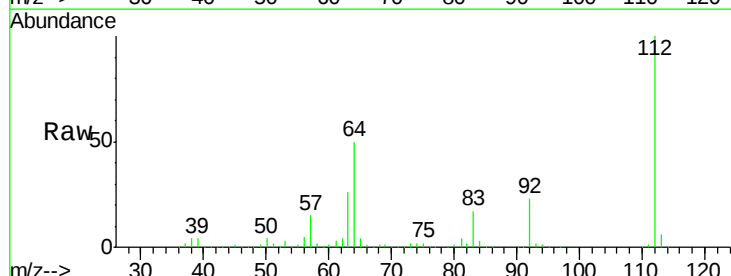
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



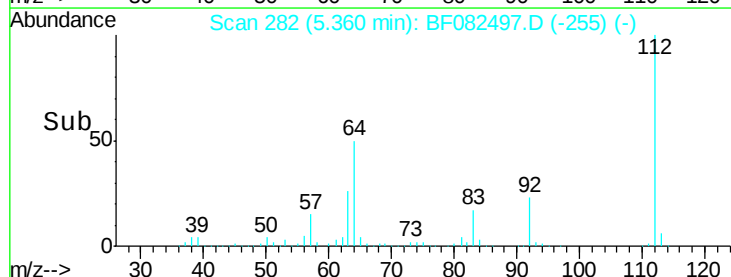
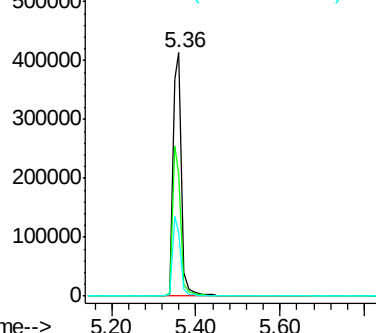
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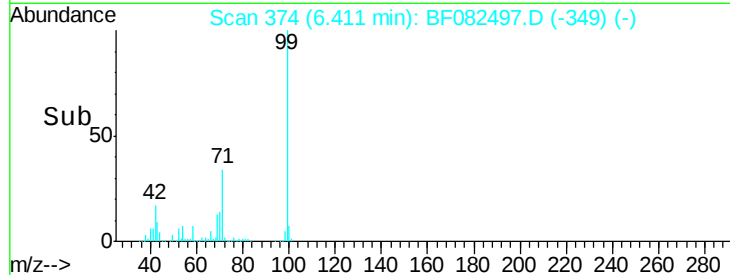
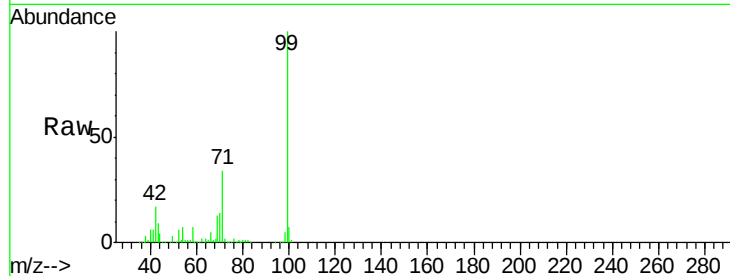
2-Fluorophenol
Concen: 136.01 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	48.6	73.0
63	25.7	25.1	37.7



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: 140.18 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082497.D

Acq: 24 Oct 2015 7:14

Tgt Ion:	99	Resp:	802210
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.2	19.8
71	34.0	25.6	38.4

Instrument :

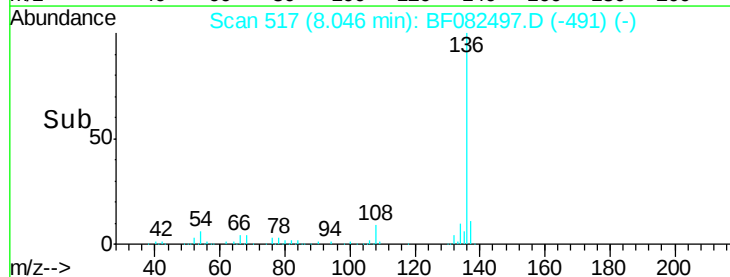
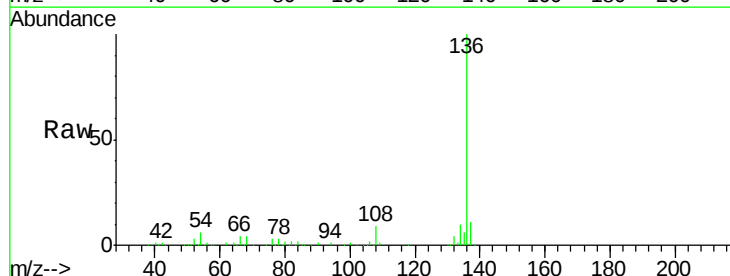
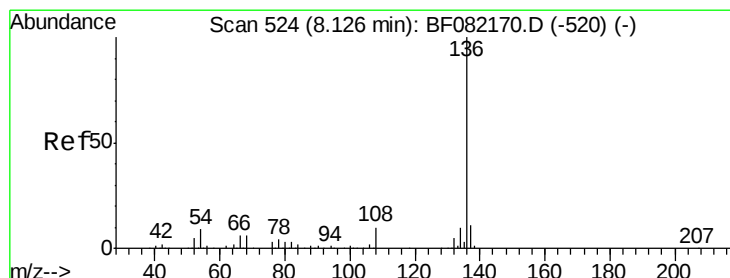
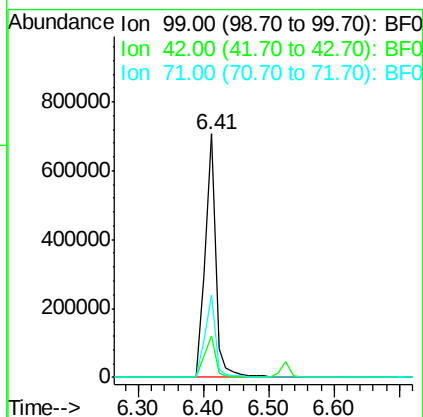
BNA_F

ClientSampleId :

NB3-03(0-2)

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#21

Naphthalene-d8

Concen: 20.00 ng

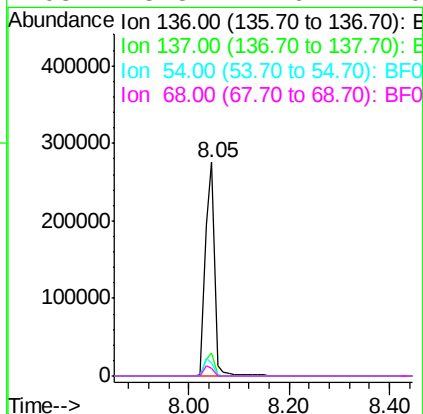
RT: 8.05 min Scan# 517

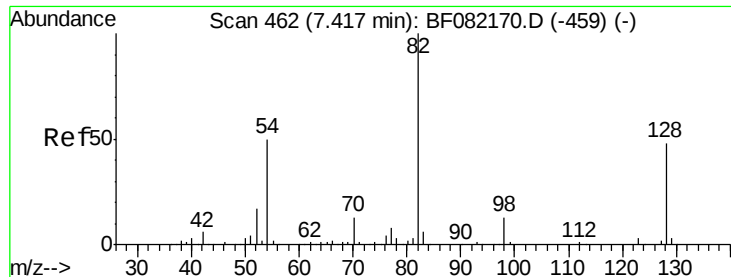
Delta R.T. -0.00 min

Lab File: BF082497.D

Acq: 24 Oct 2015 7:14

Tgt Ion:	136	Resp:	347865
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	5.7	7.5	11.3#
68	3.8	4.6	7.0#





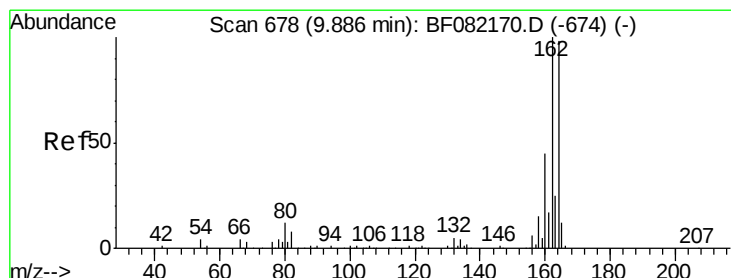
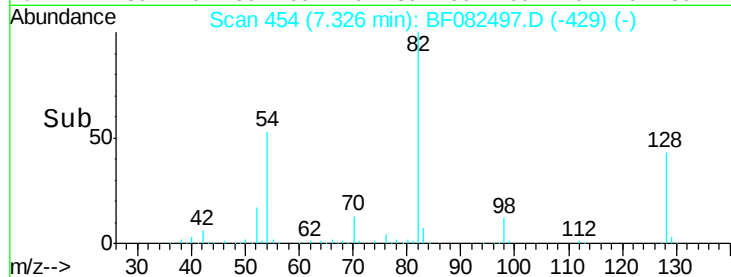
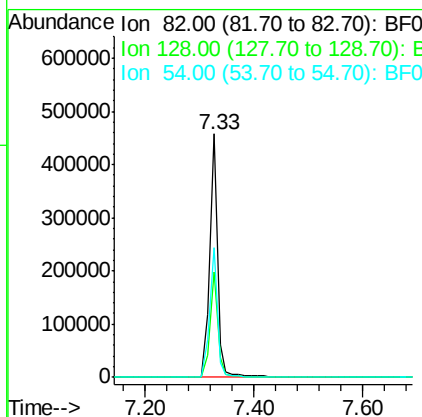
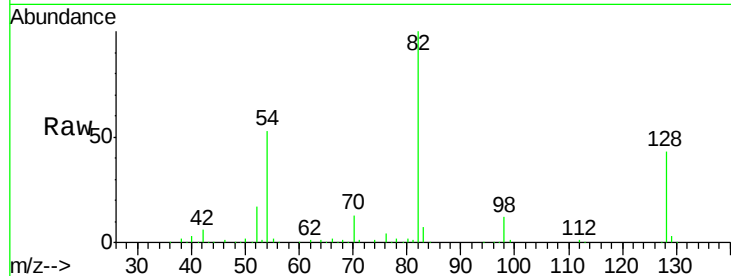
#23
 Nitrobenzene-d5
 Concen: 91.11 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082497.D
 Acq: 24 Oct 2015 7:14

Instrument :
 BNA_F
 ClientSampleId :
 NB3-03(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	38.7	58.1
54	53.4	40.1	60.1

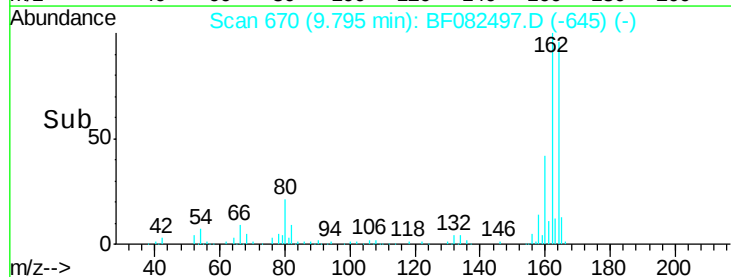
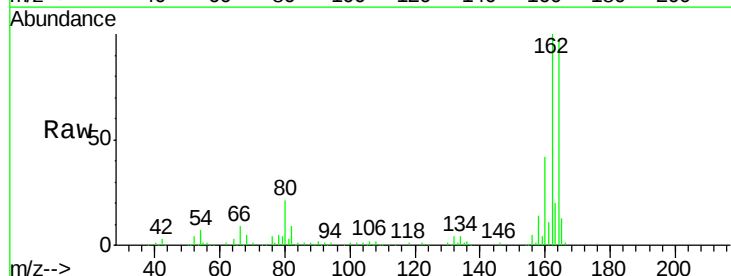
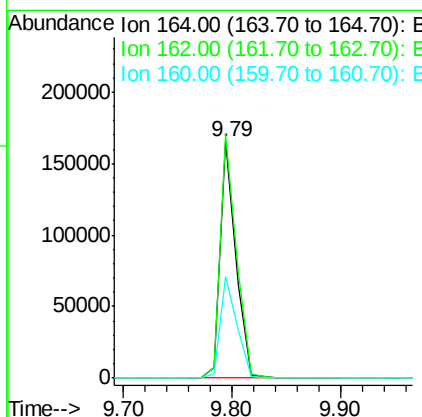
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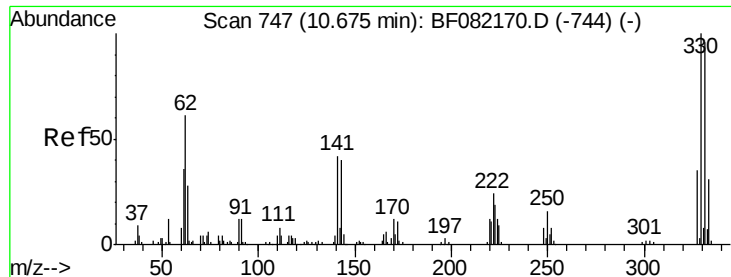
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF082497.D
 Acq: 24 Oct 2015 7:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.6	122.4
160	43.1	36.4	54.6





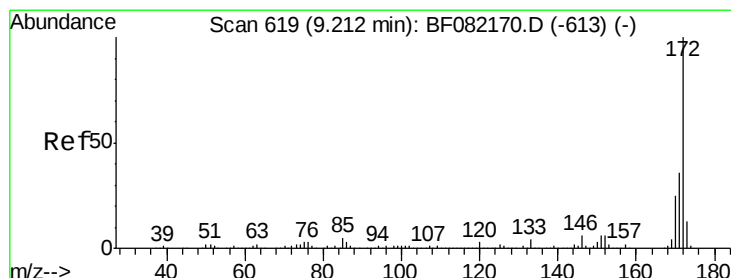
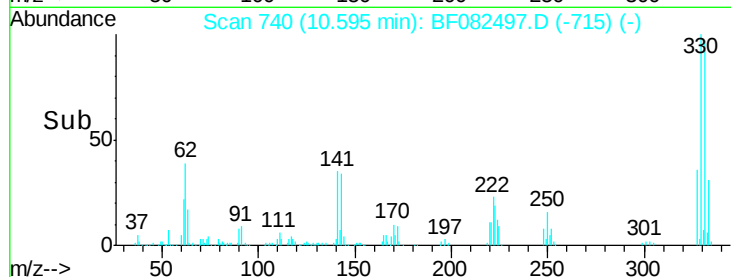
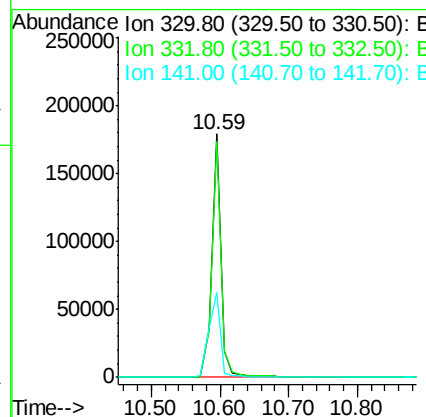
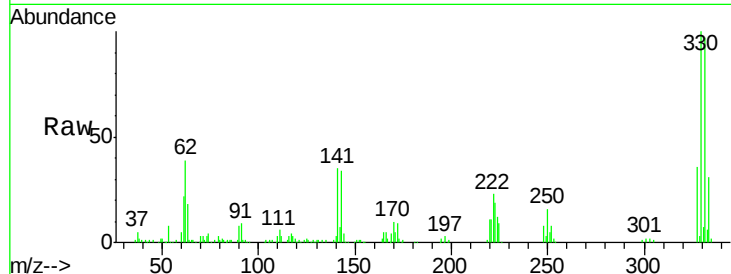
#41
 2,4,6-Tribromophenol
 Concen: 108.57 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF082497.D
 Acq: 24 Oct 2015 7:14

Instrument :
 BNA_F
 ClientSampleId :
 NB3-03(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	169330		
332	97.2	77.1	115.7	
141	43.0	29.8	44.8	

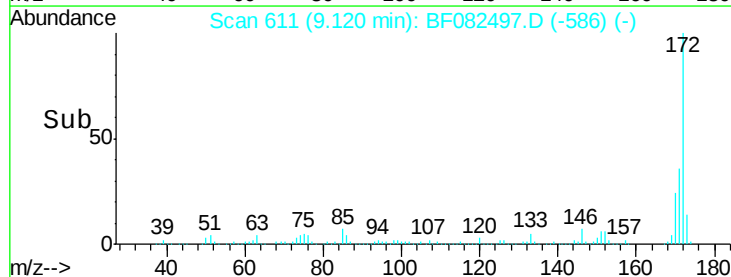
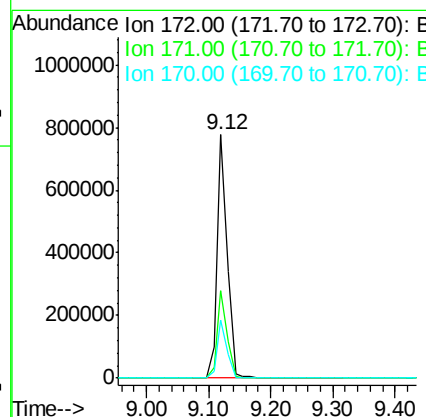
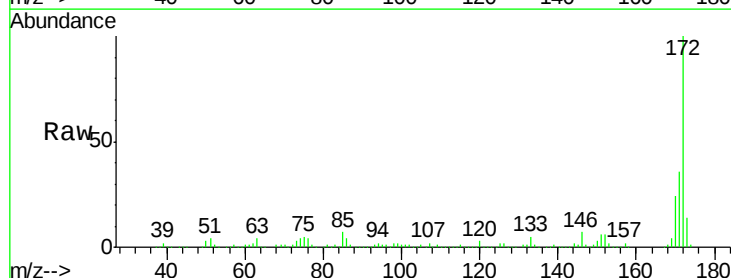
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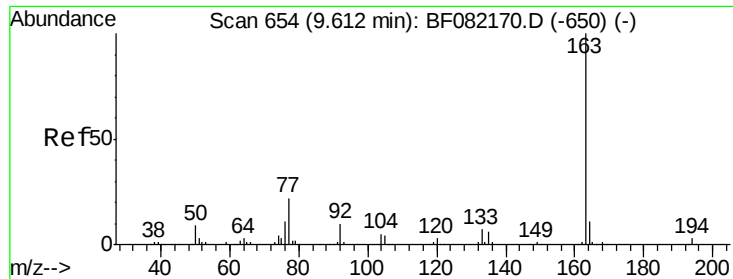
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#44
 2-Fluorobiphenyl
 Concen: 85.91 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082497.D
 Acq: 24 Oct 2015 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	861502		
171	36.0	28.6	42.8	
170	24.1	19.7	29.5	





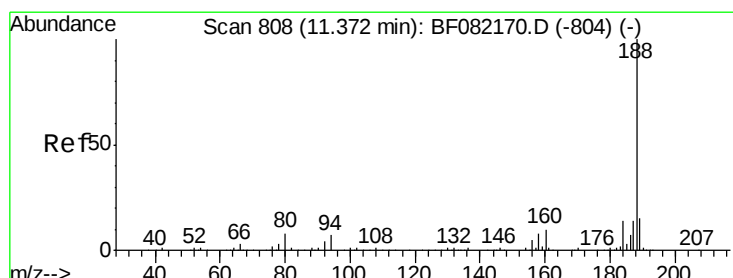
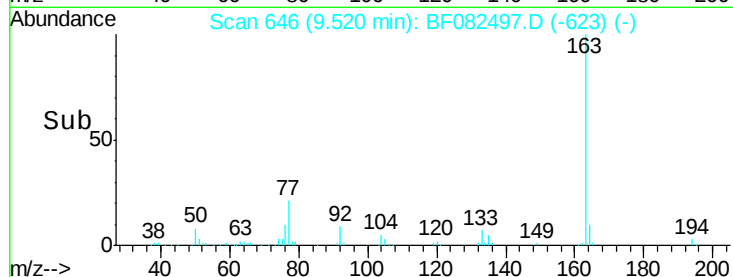
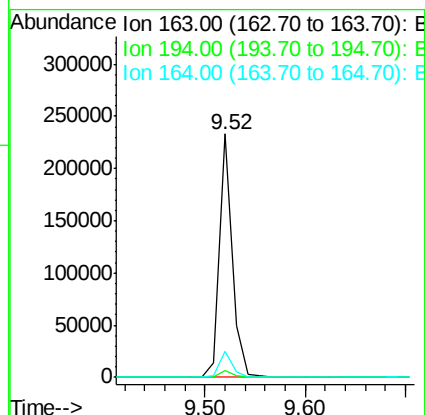
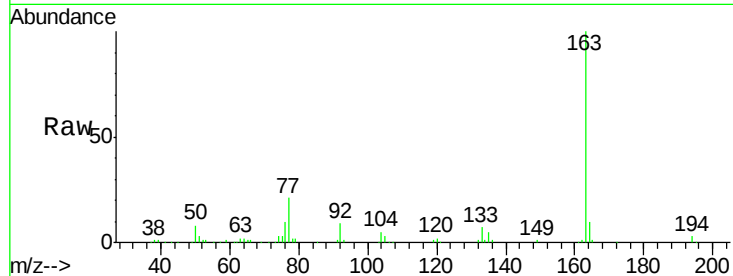
#49
Dimethylphthalate
Concen: 17.79 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.6	4.0
164	10.4	8.5	12.7

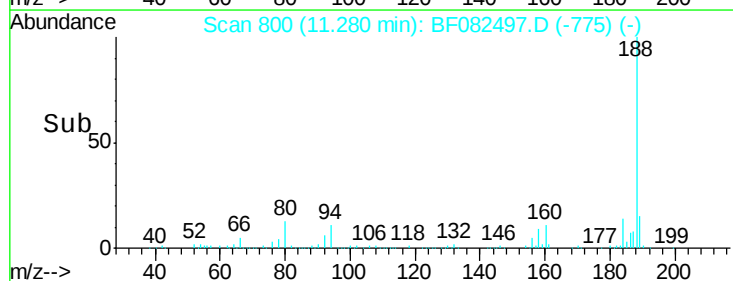
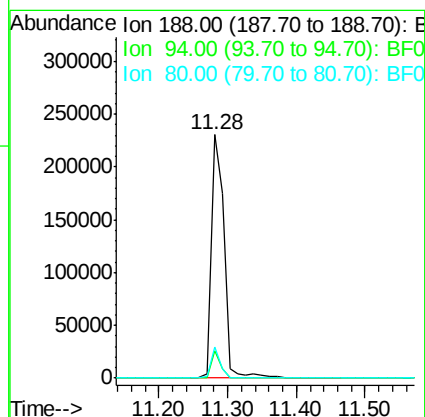
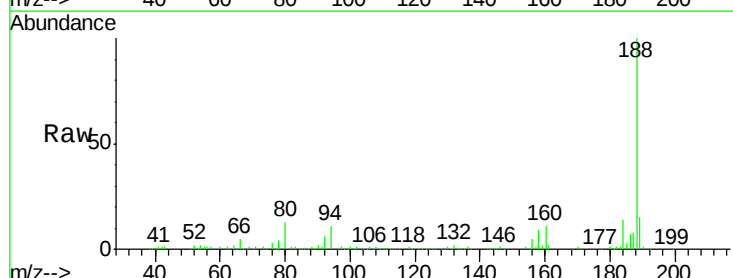
Manual Integrations
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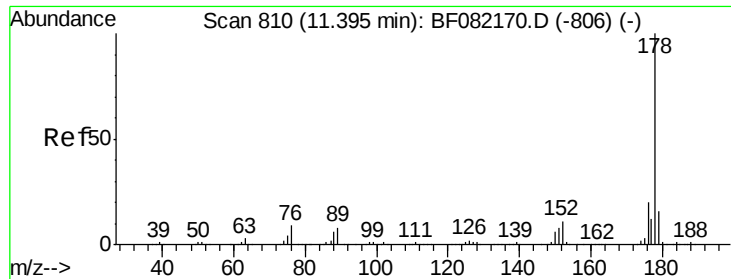
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	5.8	8.6#
80	12.9	6.4	9.6#





#70

Phenanthrene

Concen: 2.81 ng

RT: 11.31 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF082497.D

Acq: 24 Oct 2015 7:14

Instrument :

BNA_F

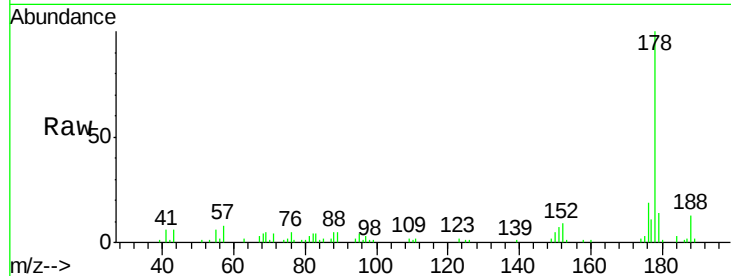
ClientSampleId :

NB3-03(0-2)

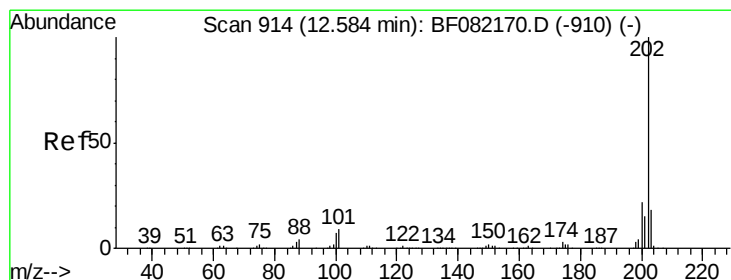
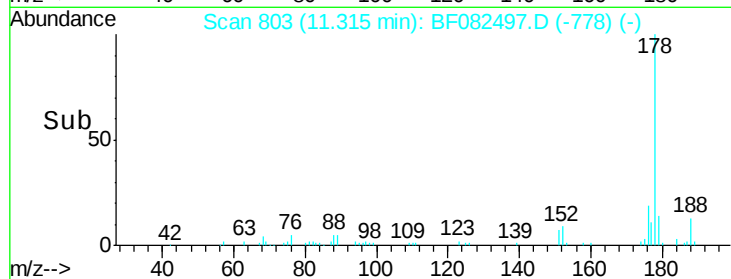
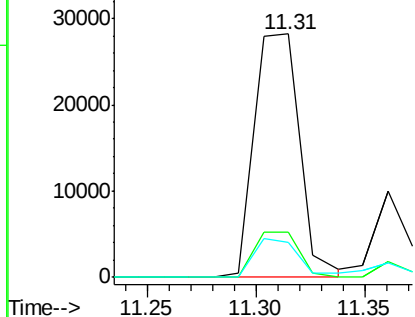
Tgt Ion:	178	Resp:	41252
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.0	24.0
179	14.4	12.6	19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 4.32 ng

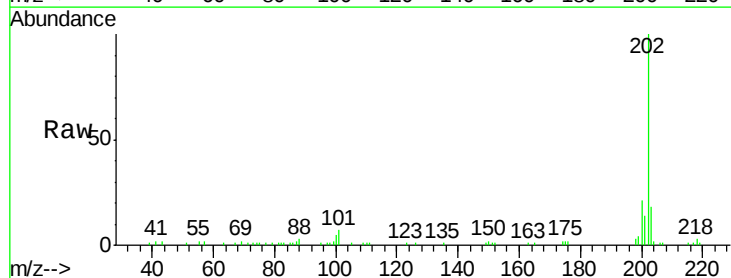
RT: 12.50 min Scan# 907

Delta R.T. -0.01 min

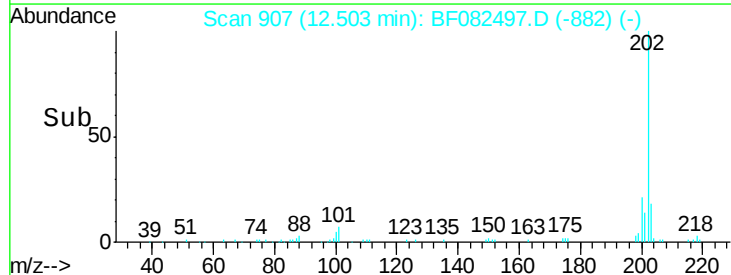
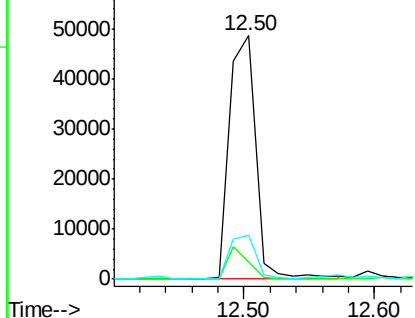
Lab File: BF082497.D

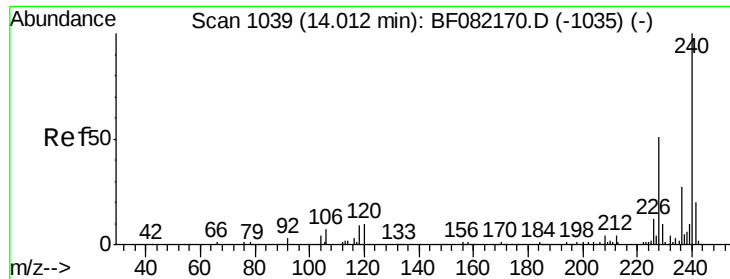
Acq: 24 Oct 2015 7:14

Tgt Ion:	202	Resp:	68111
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	29.3
203	18.0	0.0	37.8



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





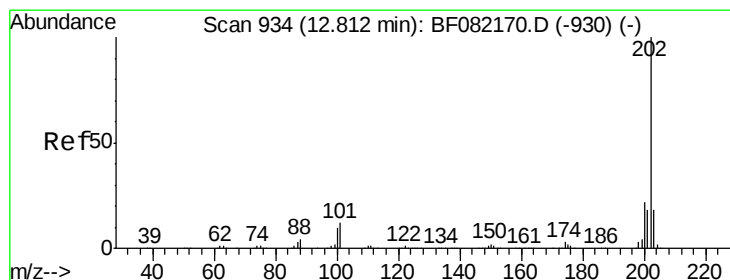
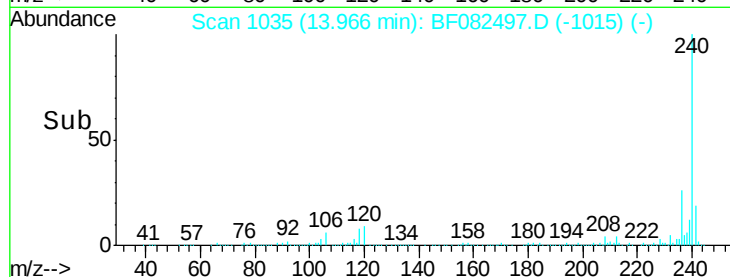
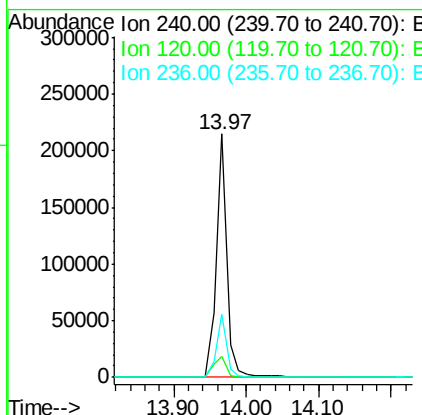
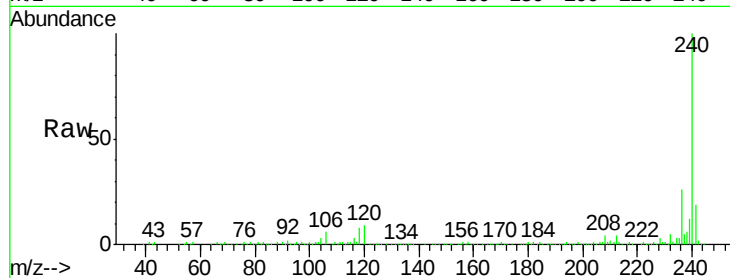
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.07 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	218498		
120	8.7	8.1	12.1	
236	25.7	21.3	31.9	

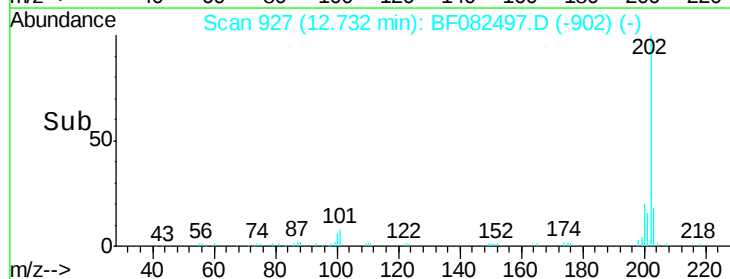
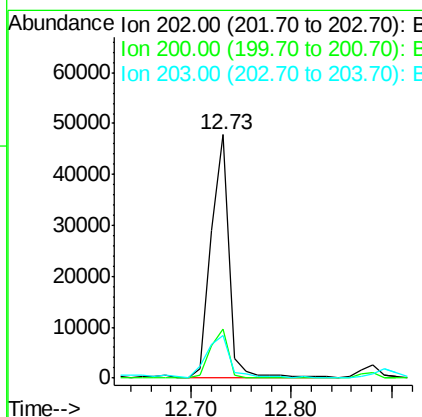
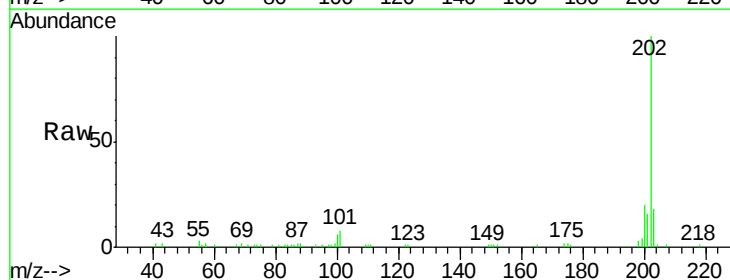
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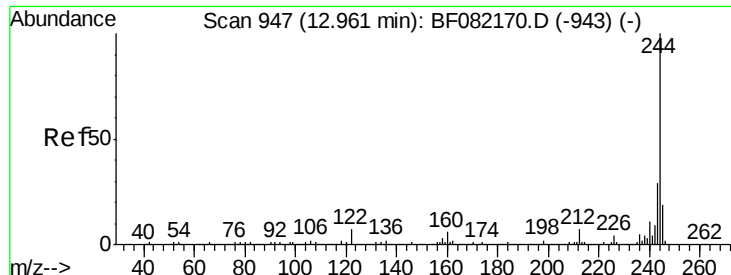
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#77
Pyrene
Concen: 4.59 ng
RT: 12.73 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	59576		
200	20.4	17.9	26.9	
203	17.5	14.5	21.7	





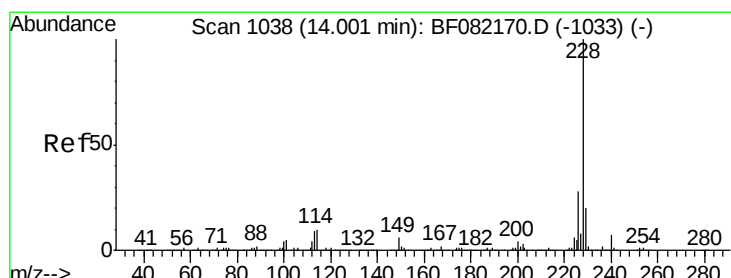
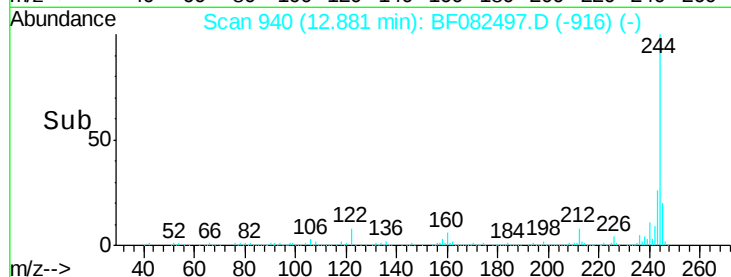
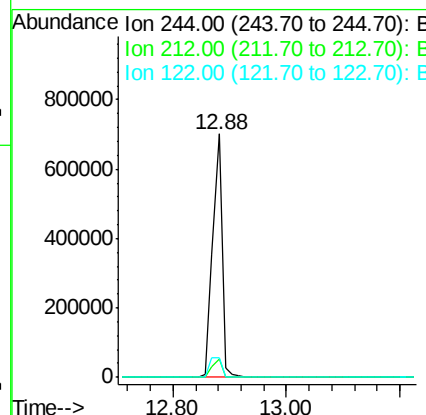
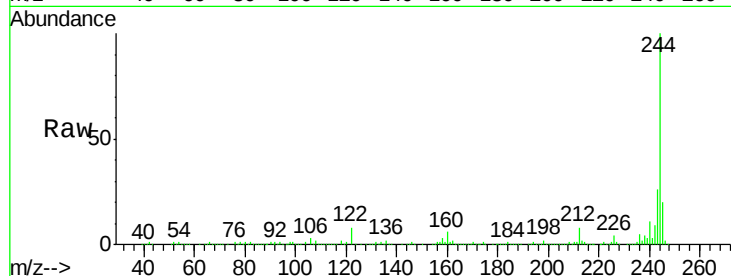
#78
 Terphenyl-d14
 Concen: 93.30 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF082497.D
 Acq: 24 Oct 2015 7:14

Instrument :
 BNA_F
 ClientSampleId :
 NB3-03(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	5.8	8.6
122	8.1	5.9	8.9

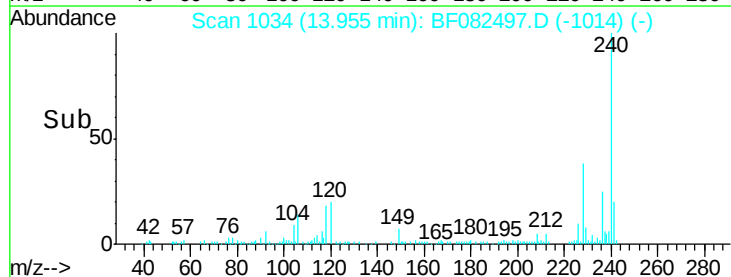
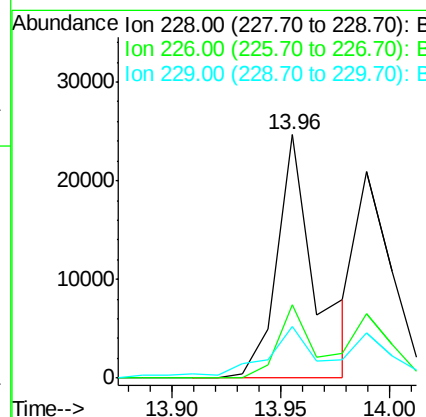
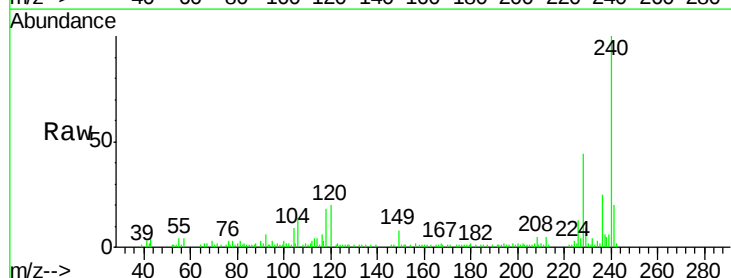
Manual Integrations
 APPROVED

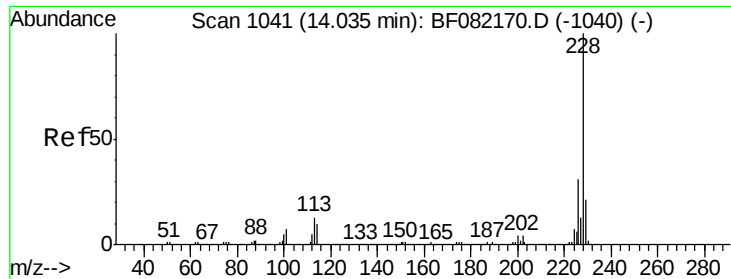
MmDadoda
 10/26/2015 7:22:49 PM



#80
 Benzo(a)anthracene
 Concen: 2.67 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. -0.07 min
 Lab File: BF082497.D
 Acq: 24 Oct 2015 7:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.9	22.3	33.5
229	21.1	16.2	24.2





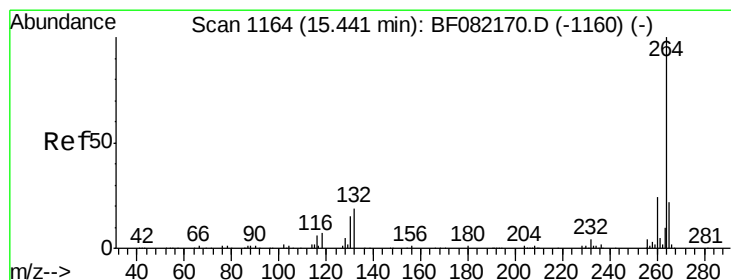
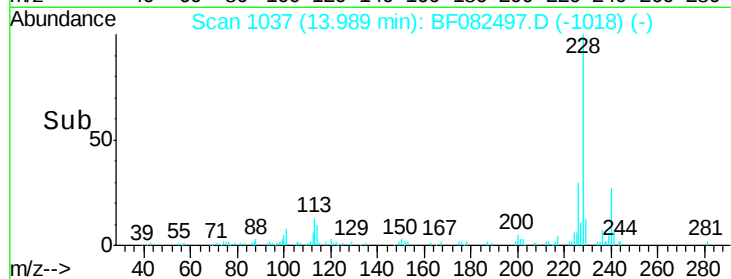
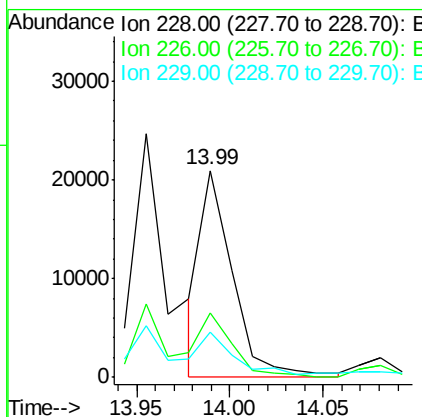
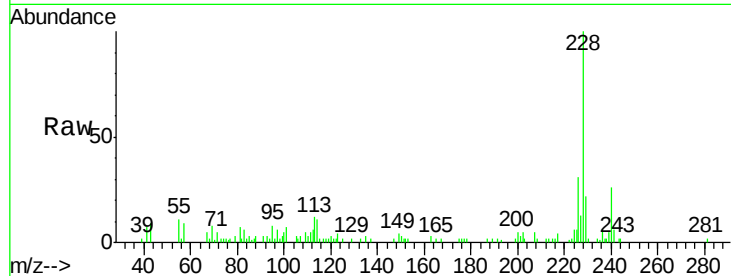
#82
Chrysene
Concen: 2.08 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	22.1	16.3	24.5

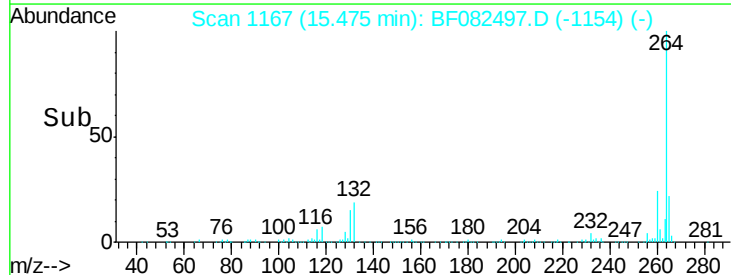
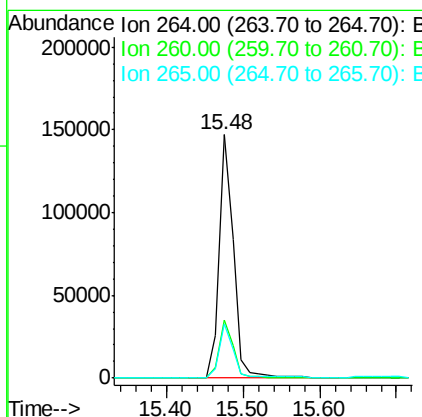
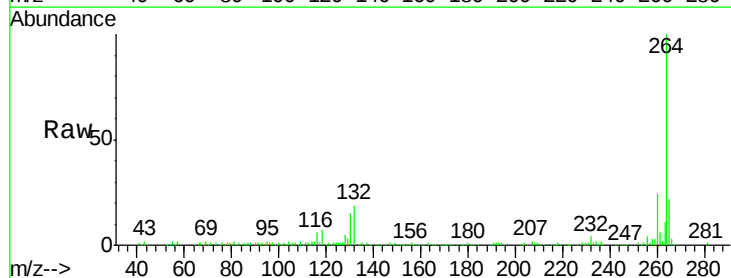
Manual Integrations
APPROVED

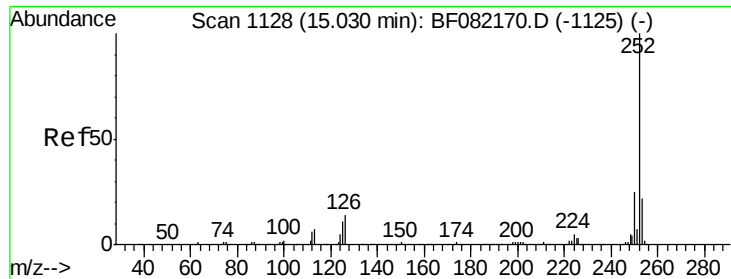
MmDadoda
10/26/2015 7:22:49 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.15 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 2.84 ng m

RT: 15.08 min Scan# 1132

Delta R.T. -0.13 min

Lab File: BF082497.D

Acq: 24 Oct 2015 7:14

Instrument :

BNA_F

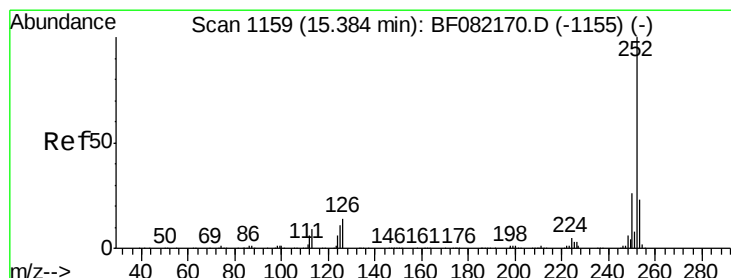
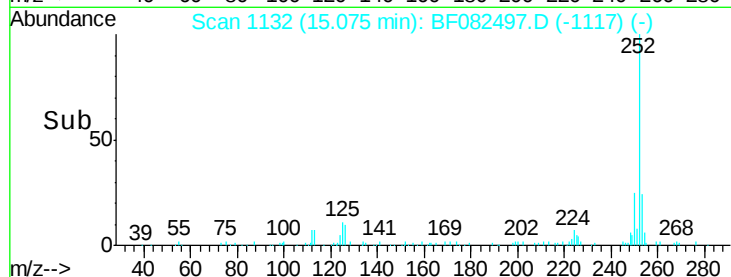
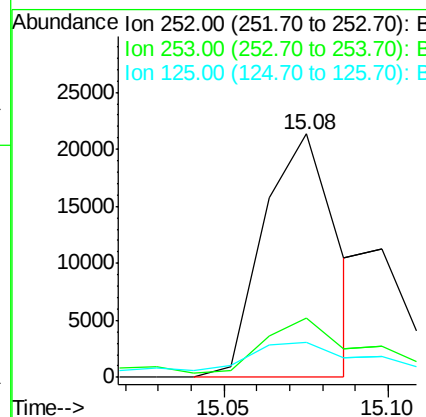
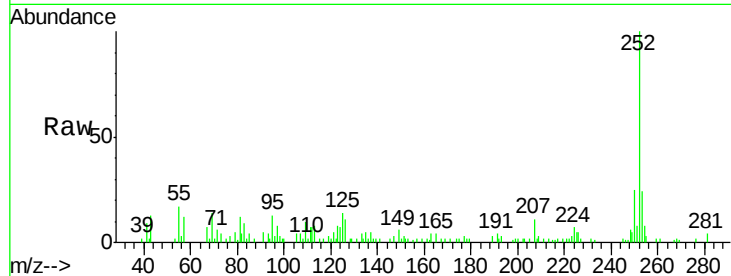
ClientSampleId :

NB3-03(0-2)

Tgt Ion:	252	Resp:	33283
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	14.3	8.6	12.8#

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:49 PM



#89

Benzo(a)pyrene

Concen: 2.20 ng

RT: 15.42 min Scan# 1162

Delta R.T. -0.15 min

Lab File: BF082497.D

Acq: 24 Oct 2015 7:14

Tgt Ion:	252	Resp:	22168
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	13.9	8.9	13.3#

