

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094616.D
 Acq On : 25 Apr 2017 20:13
 Operator : SJ/MA
 Sample : I2832-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-CURVE-(0-5)

Manual Integrations
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Quant Time: Apr 26 04:16:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	128211	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	514762	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	218270	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	343694	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	273041	20.00	ng	-0.02
86) Perylene-d12	16.08	264	236168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1056707	136.74	ng	0.00
7) Phenol-d6	5.38	99	1329332	145.91	ng	0.00
23) Nitrobenzene-d5	6.41	82	800330	96.00	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	217192	127.22	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1316165	88.72	ng	-0.01
78) Terphenyl-d14	13.18	244	834550	81.70	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.07	163	115123	7.08	ng	98
74) Fluoranthene	12.69	202	73469	3.66	ng	97
77) Pyrene	12.97	202	64582	3.39	ng	97
82) Chrysene	14.48	228	35112m	2.42	ng	
87) Benzo(b)fluoranthene	15.68	252	43478m	3.01	ng	
89) Benzo(a)pyrene	16.02	252	29172	2.17	ng	# 93

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

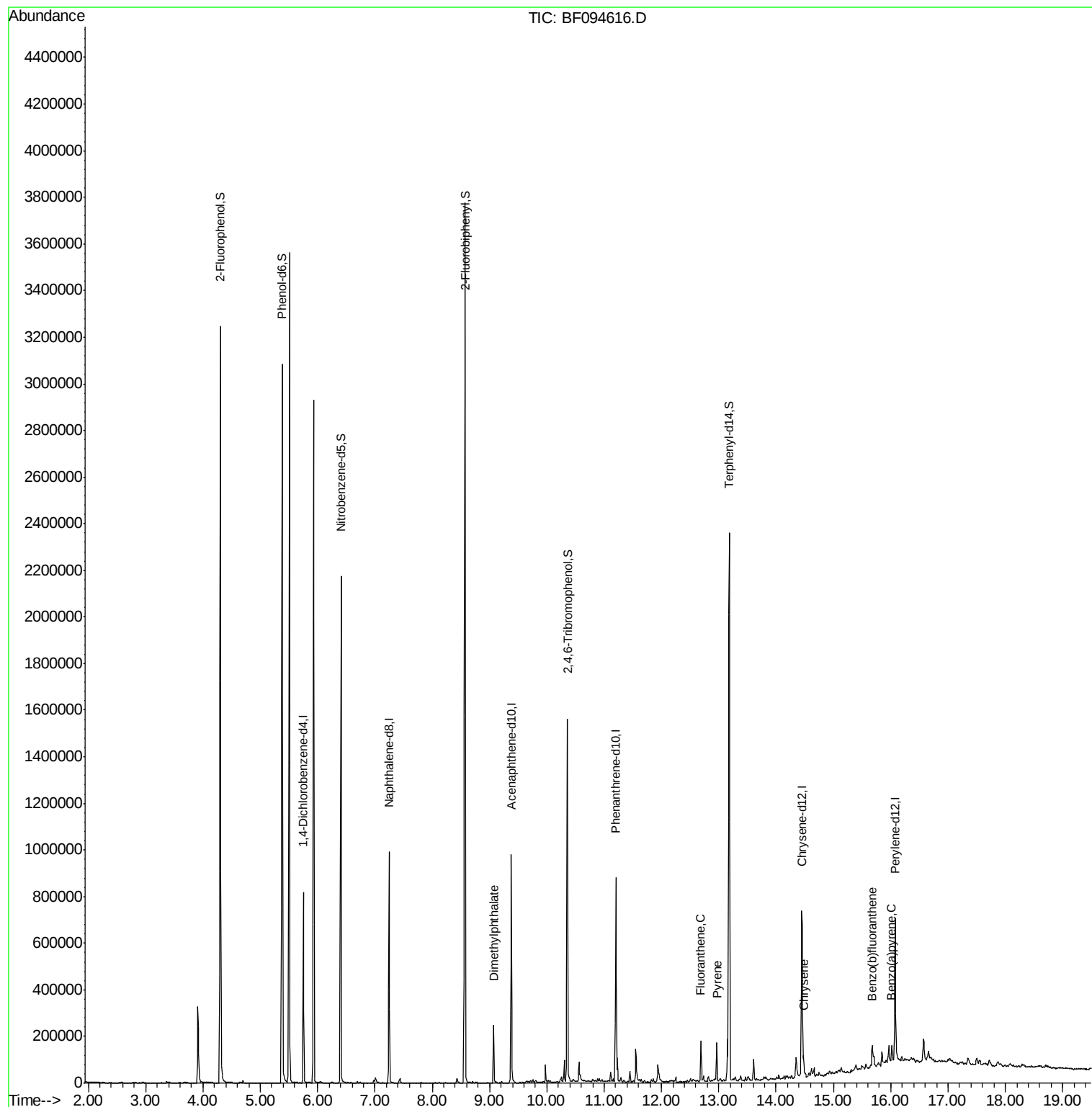
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
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ALS Vial : 21 Sample Multiplier: 1

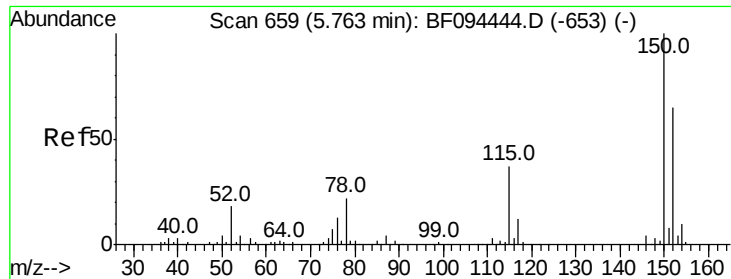
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-CURVE-(0-5)

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QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Instrument :

BNA_F

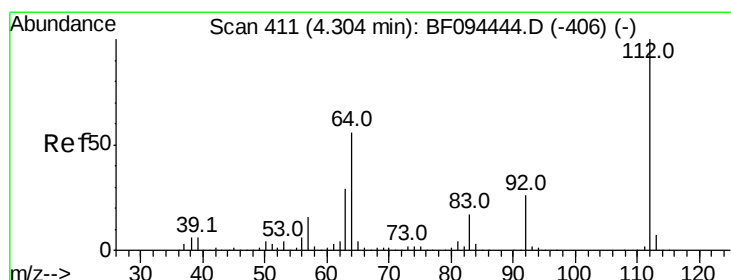
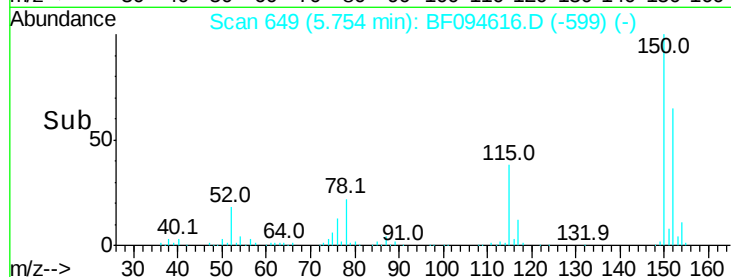
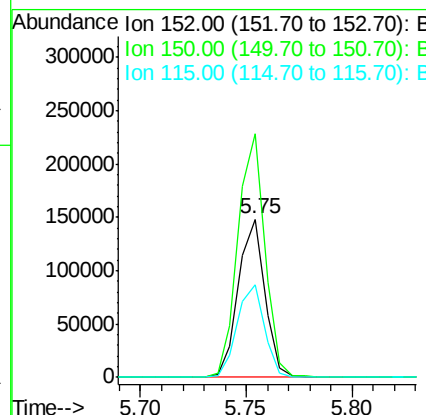
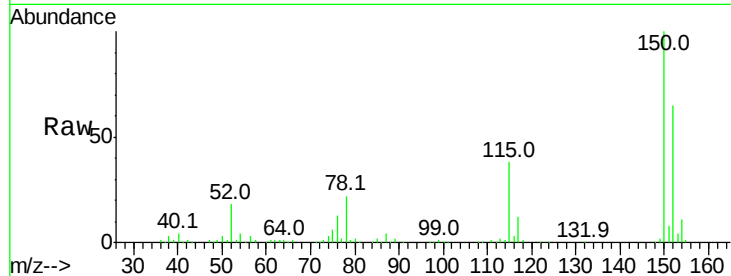
ClientSampleId :

TEST-PIT-CURVE-(0-5)

Tot Ion:	152	Resp:	128211
Ion Ratio	Lower	Upper	
152	100		
150	153.8	126.2	189.2
115	58.2	52.2	78.2

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#5

2-Fluorophenol

Concen: 136.74 ng

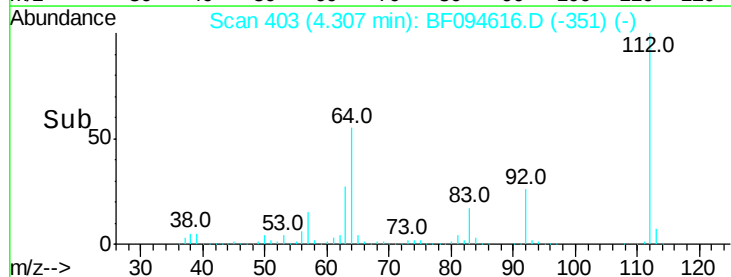
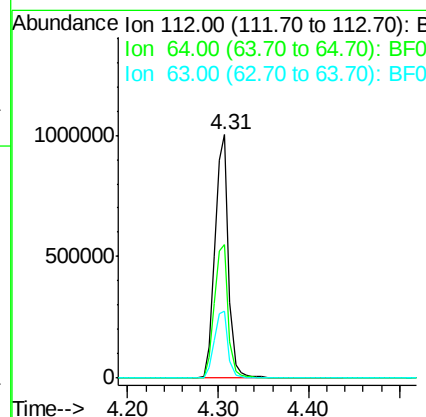
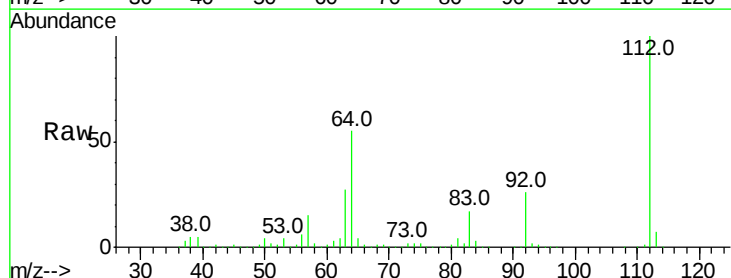
RT: 4.31 min Scan# 403

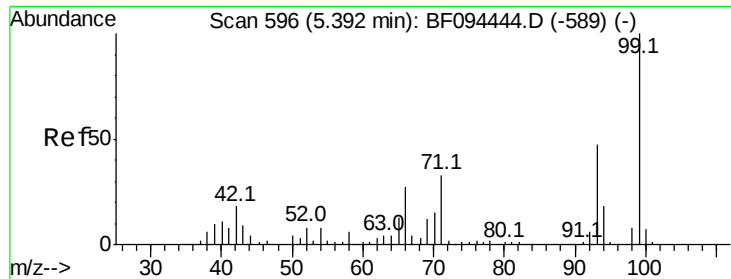
Delta R.T. 0.00 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Tgt Ion:	112	Resp:	1056707
Ion Ratio	Lower	Upper	
112	100		
64	54.9	46.0	69.0
63	27.5	23.4	35.0





#7

Phenol-d6

Concen: 145.91 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-CURVE-(0-5)

Tot Ion: 99 Resp: 1329332

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

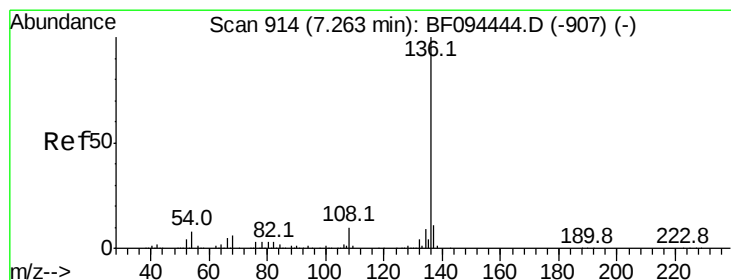
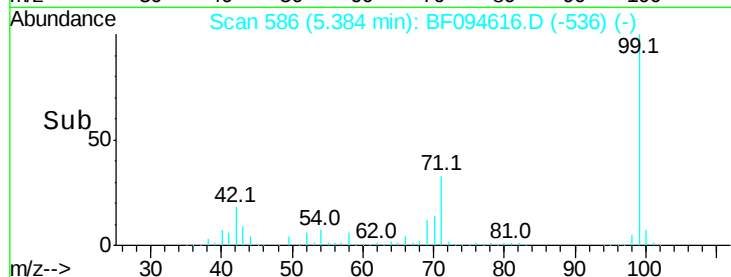
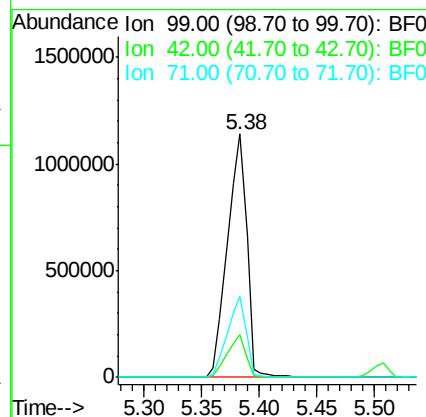
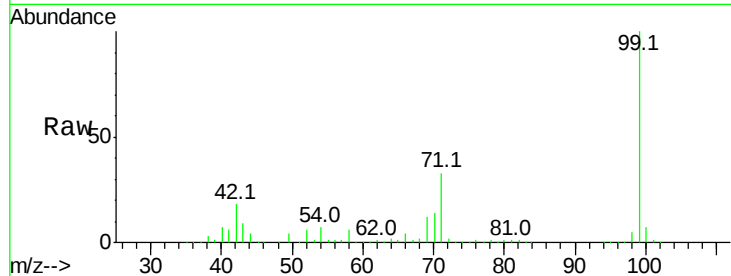
71 33.3 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Tgt Ion: 136 Resp: 514762

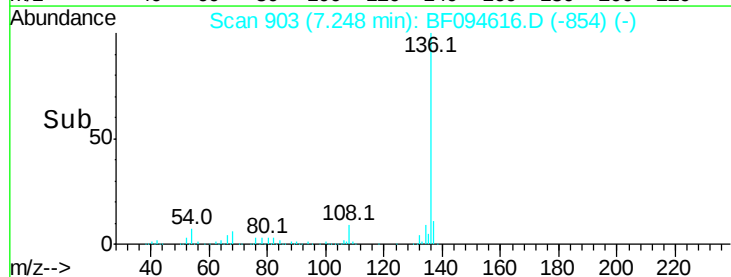
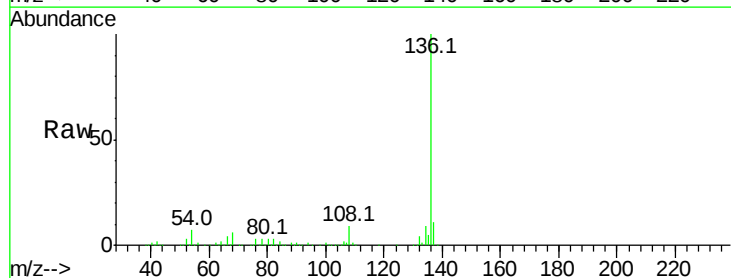
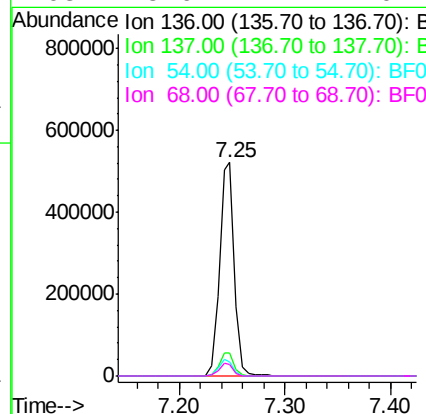
Ion Ratio Lower Upper

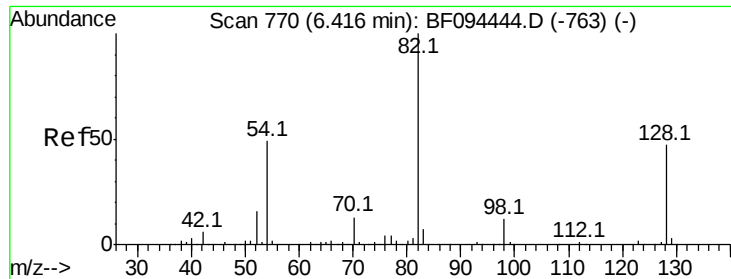
136 100

137 10.7 8.5 12.7

54 6.6 4.9 7.3

68 5.6 4.1 6.1





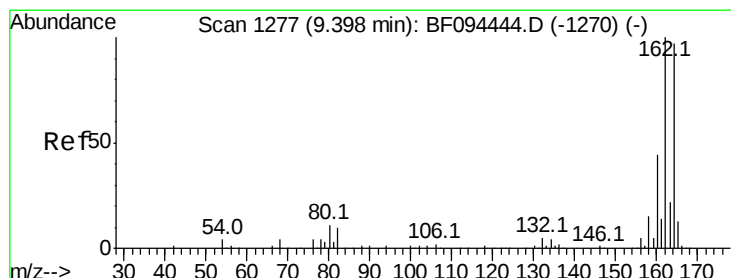
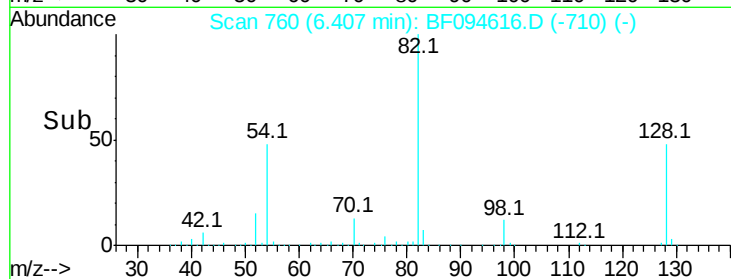
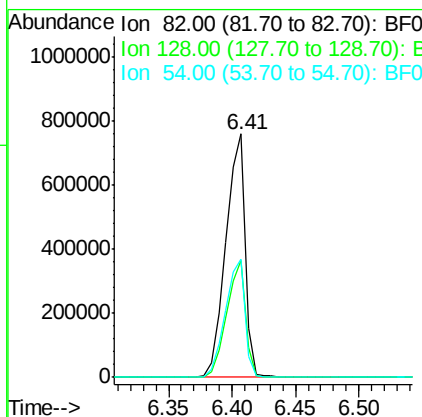
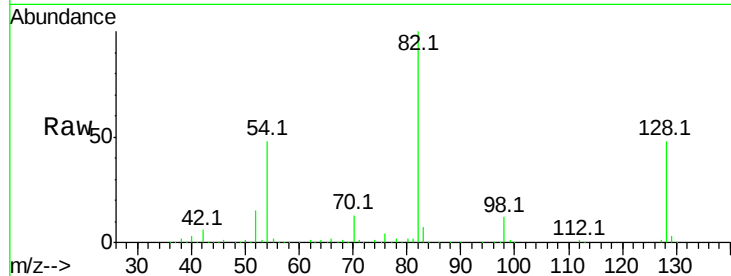
#23
 Nitrobenzene-d5
 Concen: 96.00 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-CURVE-(0-5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	48.5	42.2	63.2

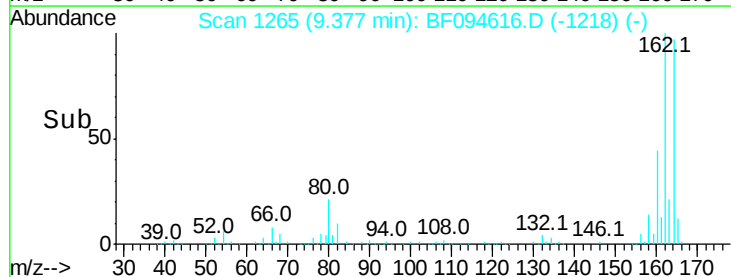
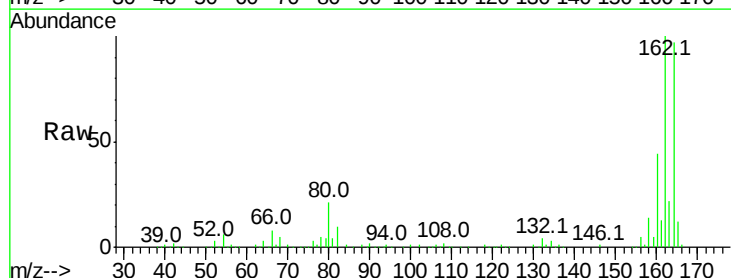
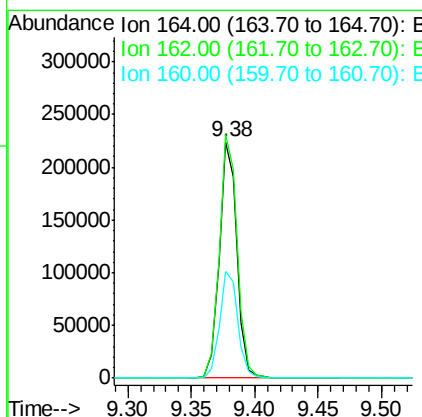
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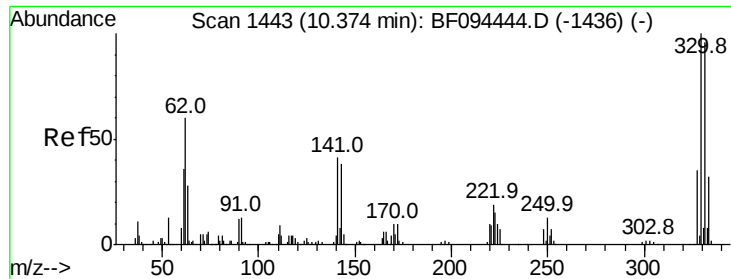
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.0	36.2	54.2





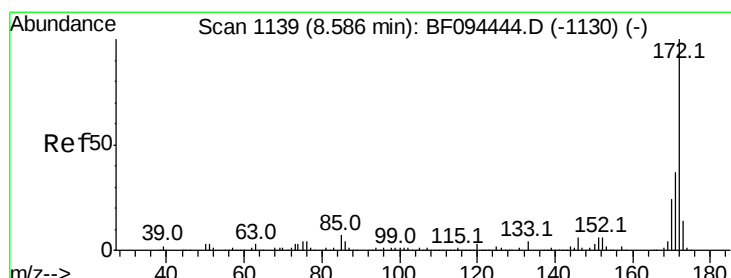
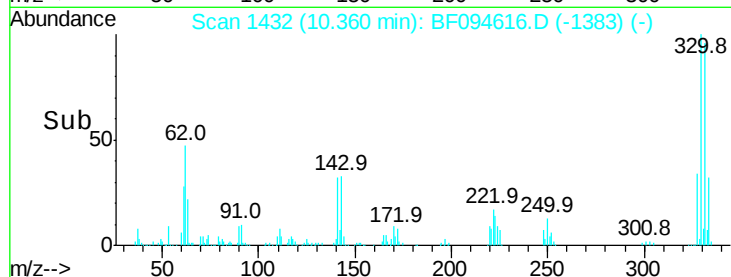
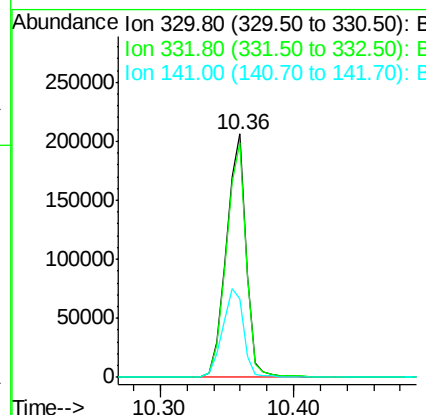
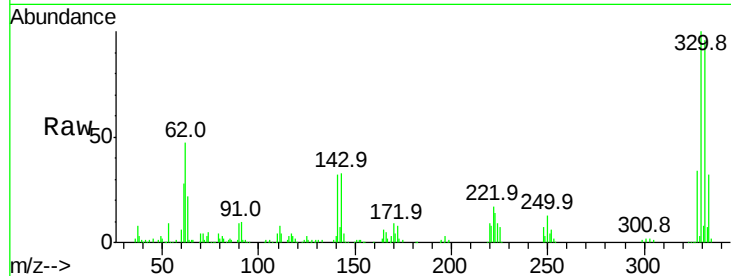
#41
 2,4,6-Tribromophenol
 Concen: 127.22 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-CURVE-(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	217192		
332	96.7	76.6	115.0	
141	39.1	31.4	47.2	

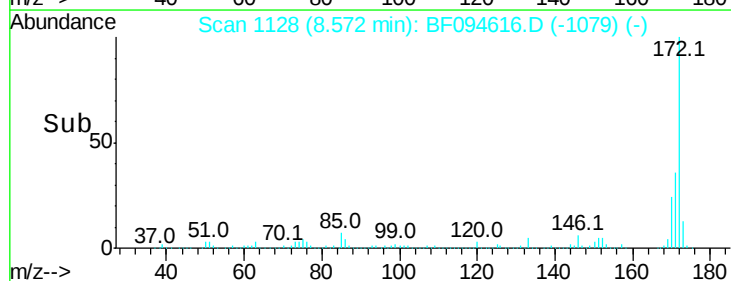
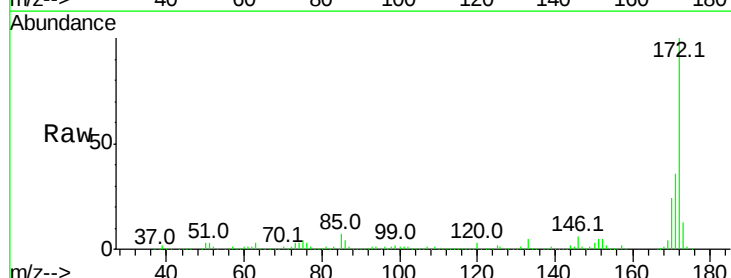
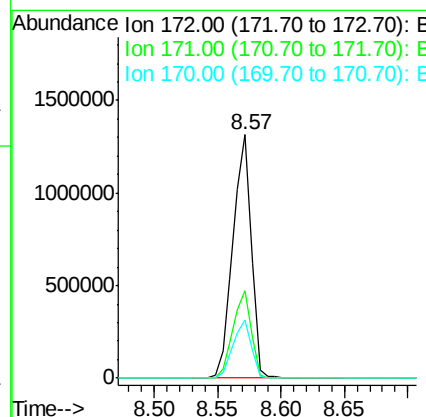
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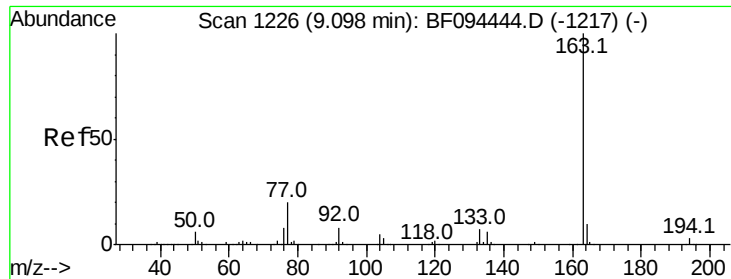
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#44
 2-Fluorobiphenyl
 Concen: 88.72 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1316165		
171	36.0	29.6	44.4	
170	23.8	19.8	29.8	





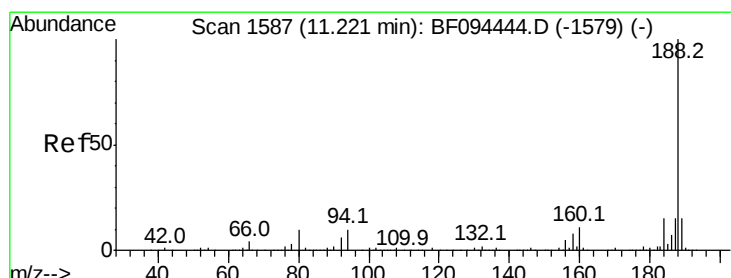
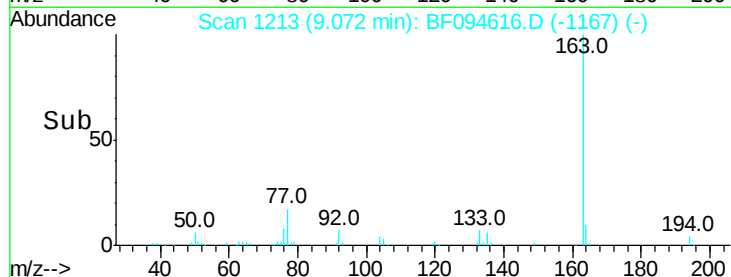
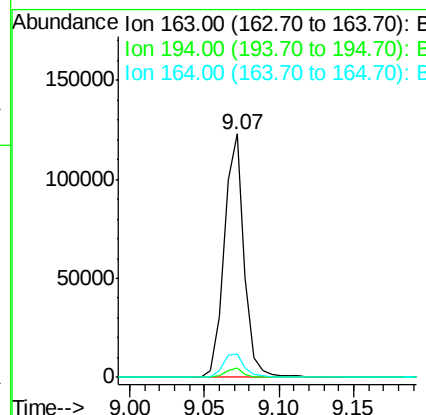
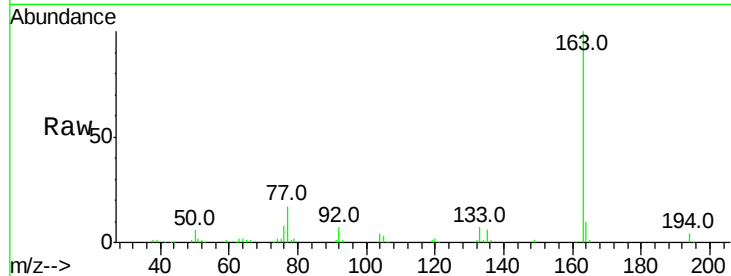
#49
Dimethylphthalate
Concen: 7.08 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-CURVE-(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	115123		
194	3.7	2.6	4.0	
164	9.7	8.4	12.6	

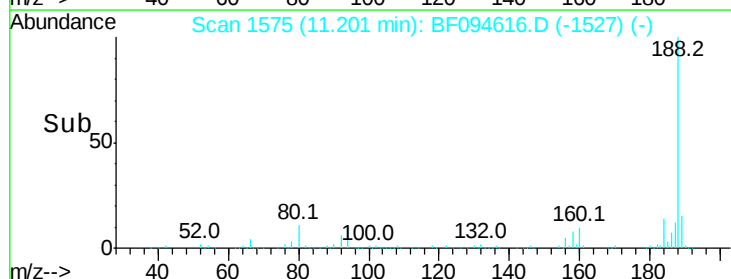
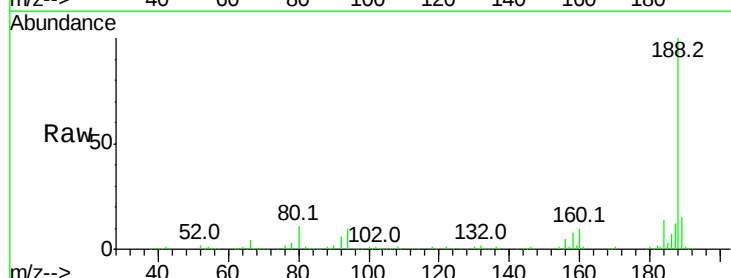
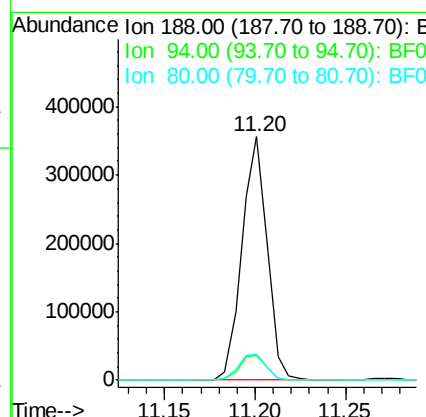
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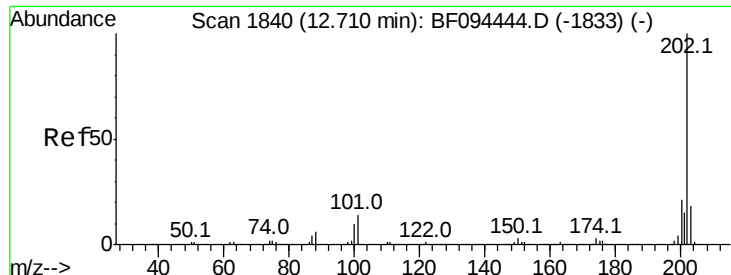
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	343694		
94	10.1	9.4	14.2	
80	10.7	10.2	15.2	





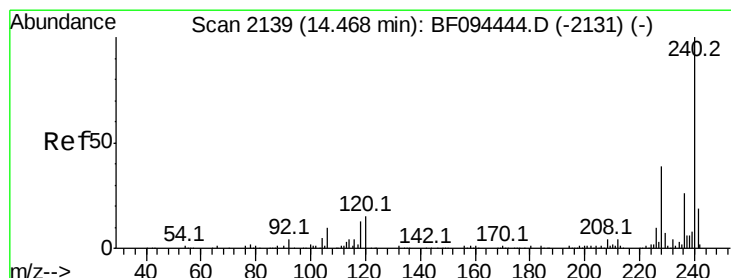
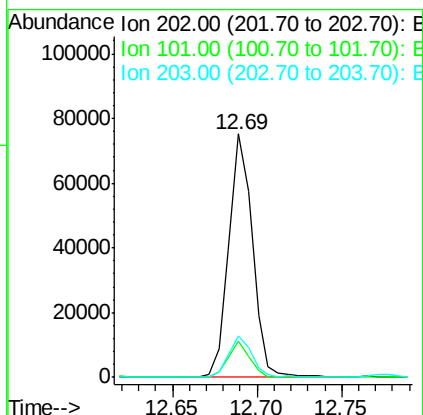
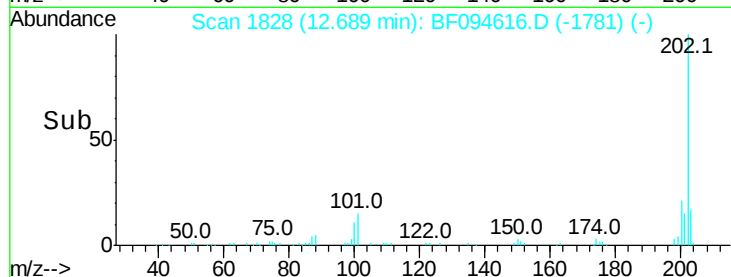
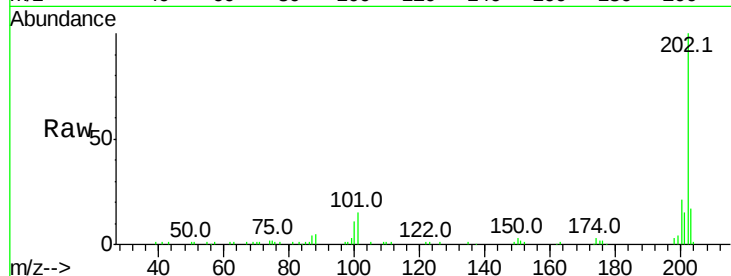
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Fluoranthene
 Concen: 3.66 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-CURVE-(0-5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.1	0.0	38.1

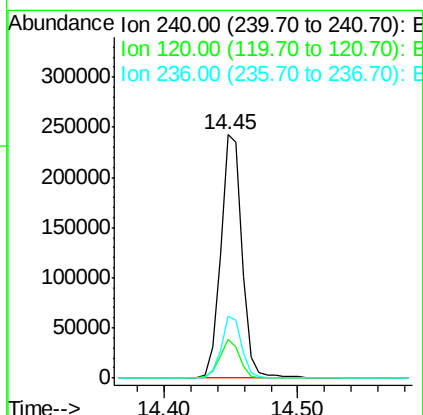
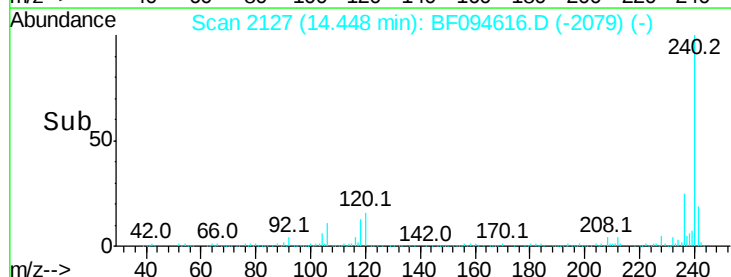
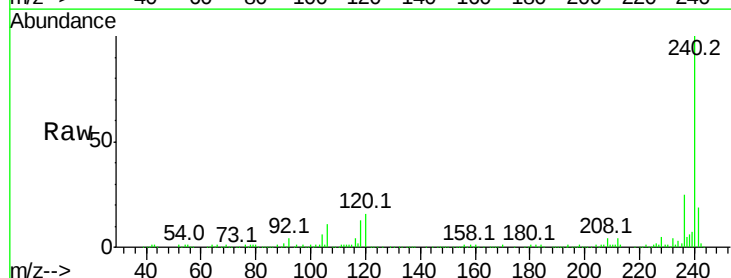
Manual Integrations
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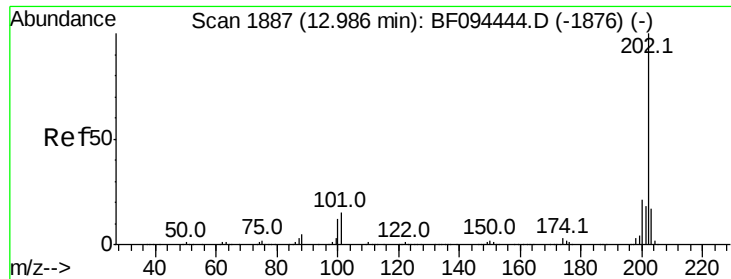
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.3	20.5	30.7





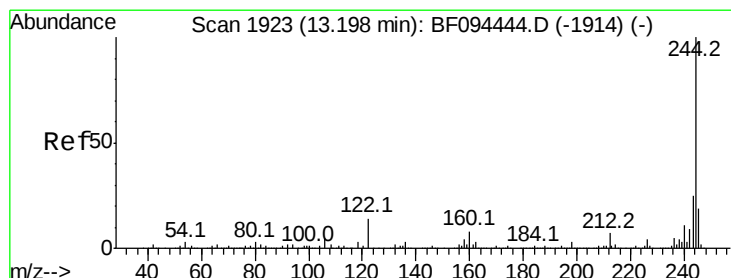
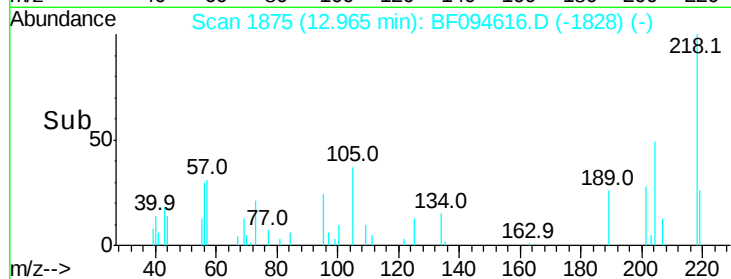
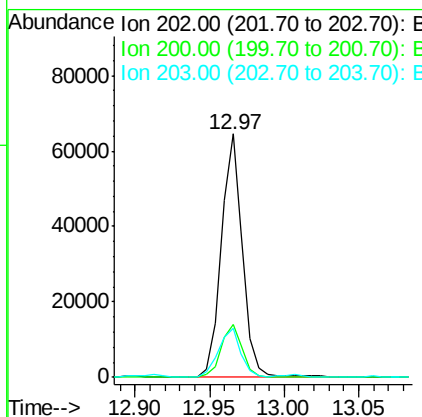
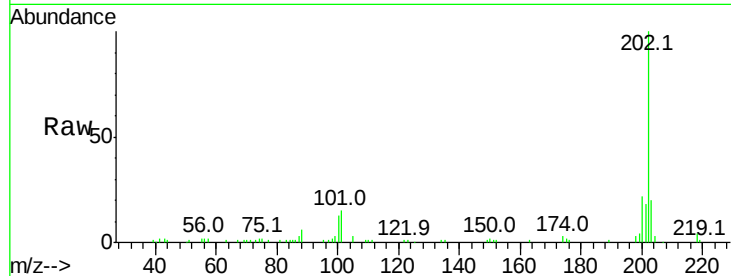
#77
Pvrene
Concen: 3.39 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-CURVE-(0-5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	20.1	14.4	21.6

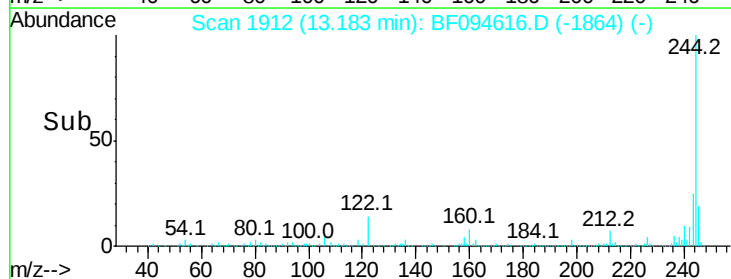
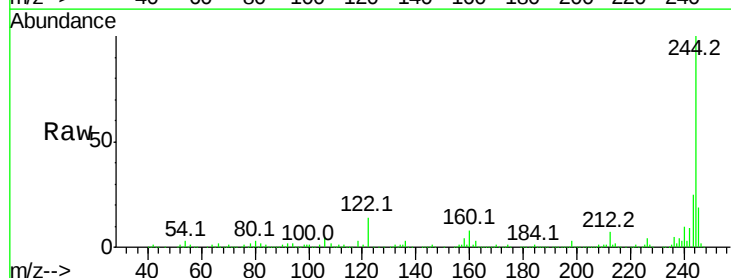
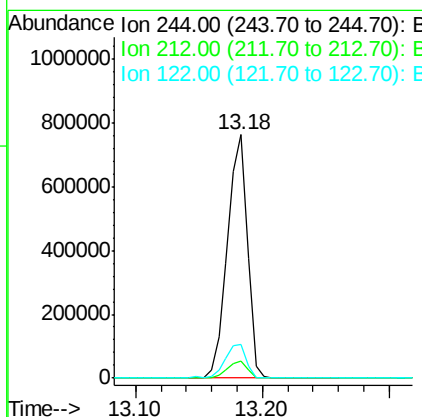
Manual Integrations
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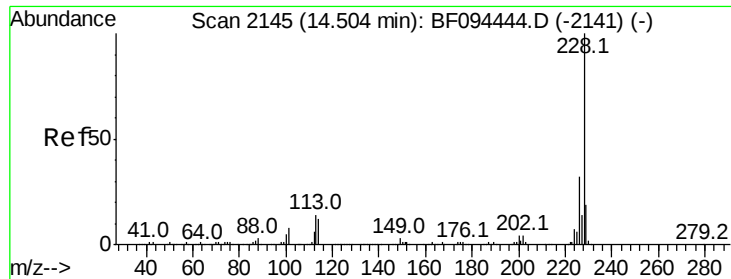
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#78
Terphenyl-d14
Concen: 81.70 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.7	10.3	15.5





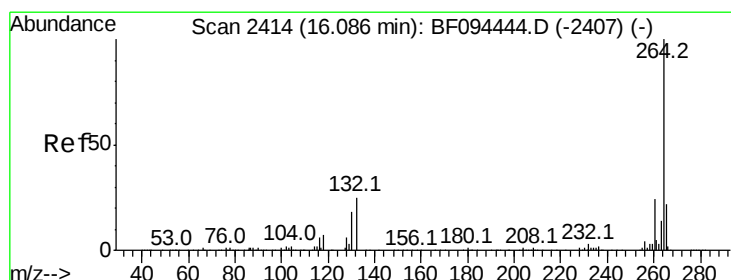
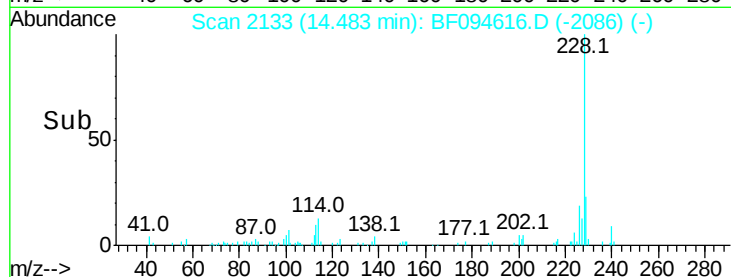
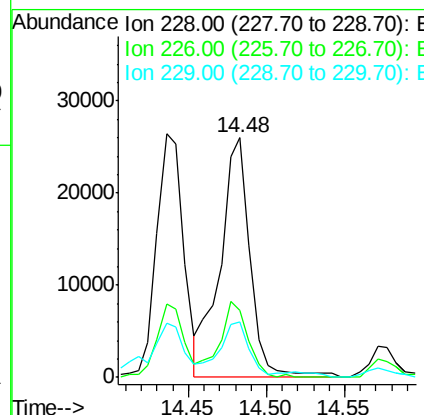
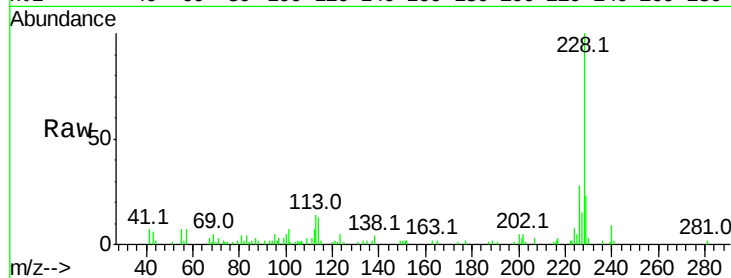
#82
Chrysene
Concen: 2.42 ng/mL
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-CURVE-(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.9	37.3
229	22.9	15.8	23.6

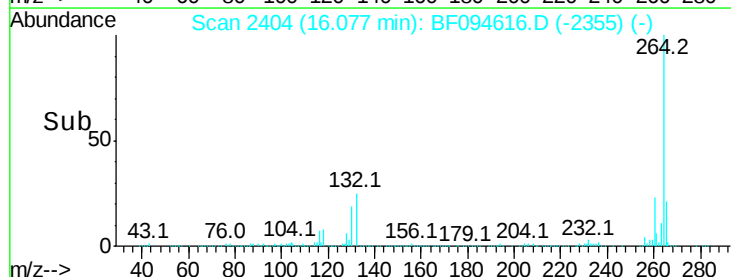
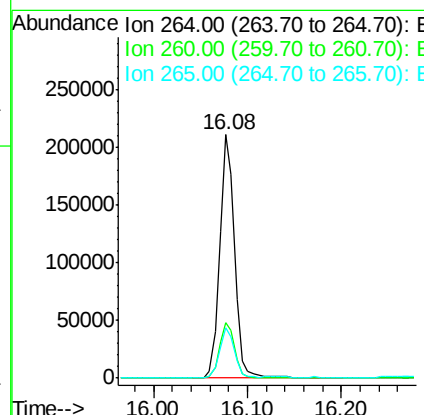
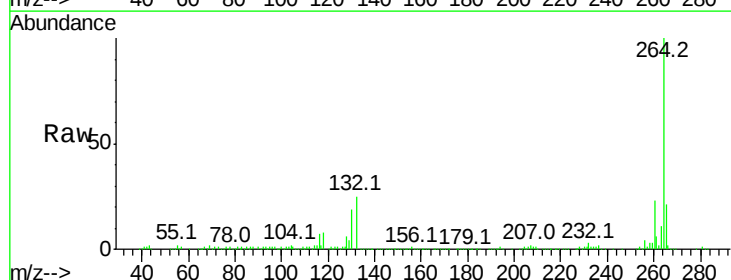
Manual Integrations
APPROVED

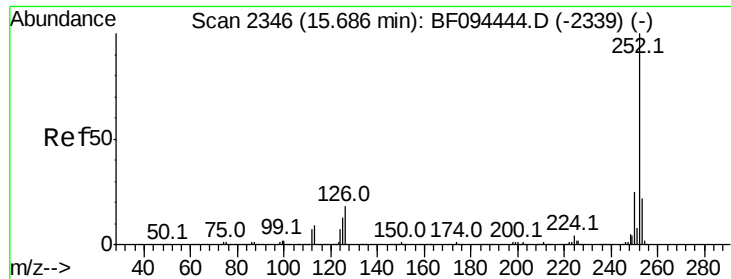
mohammad
4/26/2017 2:22:09 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.7	17.2	25.8





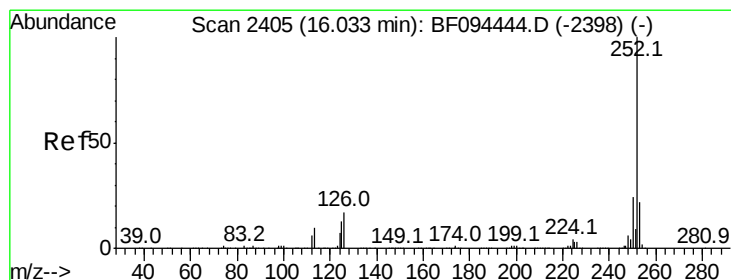
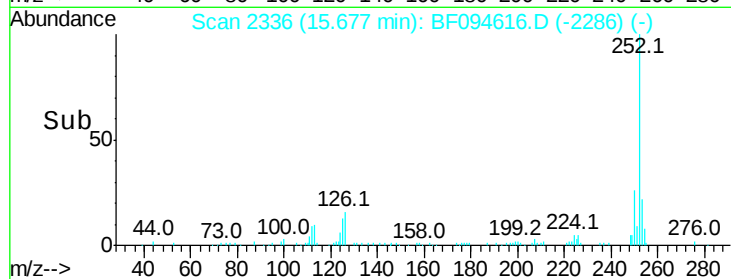
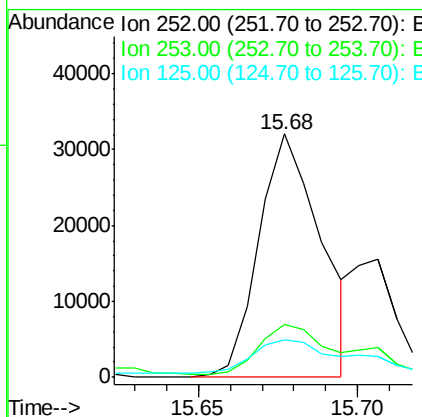
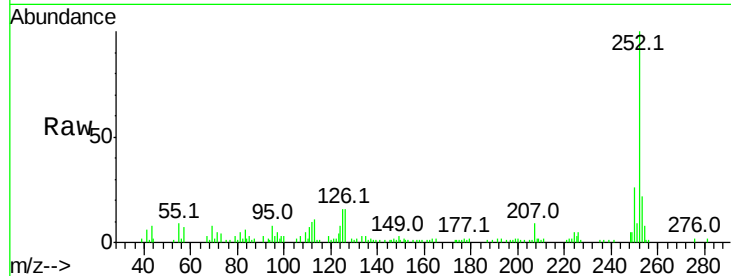
#87
Benzo(b)fluoranthene
Concen: 3.01 ng
RT: 15.68 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-CURVE-(0-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	15.5	9.8	14.8

Manual Integrations
APPROVED

mohammad
4/26/2017 2:22:09 PM



#89
Benzo(a)pyrene
Concen: 2.17 ng
RT: 16.02 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	18.5	11.0	16.4

