

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089472.D
 Acq On : 31 Jul 2016 15:49
 Operator : UM/SJ
 Sample : H4257-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-2

Manual Integrations
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Quant Time: Aug 01 05:40:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	45037	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	175295	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	86459	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	149674	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	82008	20.00	ng	-0.01
86) Perylene-d12	14.94	264	82397	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.06	112	374449	132.76	ng	0.00
7) Phenol-d6	6.16	99	556329	149.25	ng	-0.01
23) Nitrobenzene-d5	7.06	82	311464	104.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	95392	133.22	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	511136	86.76	ng	-0.01
78) Terphenyl-d14	12.57	244	341480	97.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.17	94	8945	2.17	ng	# 77
49) Dimethylphthalate	9.26	163	94791	14.41	ng	98
74) Fluoranthene	12.19	202	16710	2.06	ng	96
77) Pyrene	12.42	202	15569	2.50	ng	97
80) Benzo(a)anthracene	13.60	228	10033	2.17	ng	97
85) Indeno(1,2,3-cd)pyrene	16.13	276	10028	2.86	ng	# 91
87) Benzo(b)fluoranthene	14.61	252	14123m	2.76	ng	
89) Benzo(a)pyrene	14.89	252	13456	2.93	ng	97
91) Benzo(g,h,i)perylene	16.47	276	10011	2.82	ng	95

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

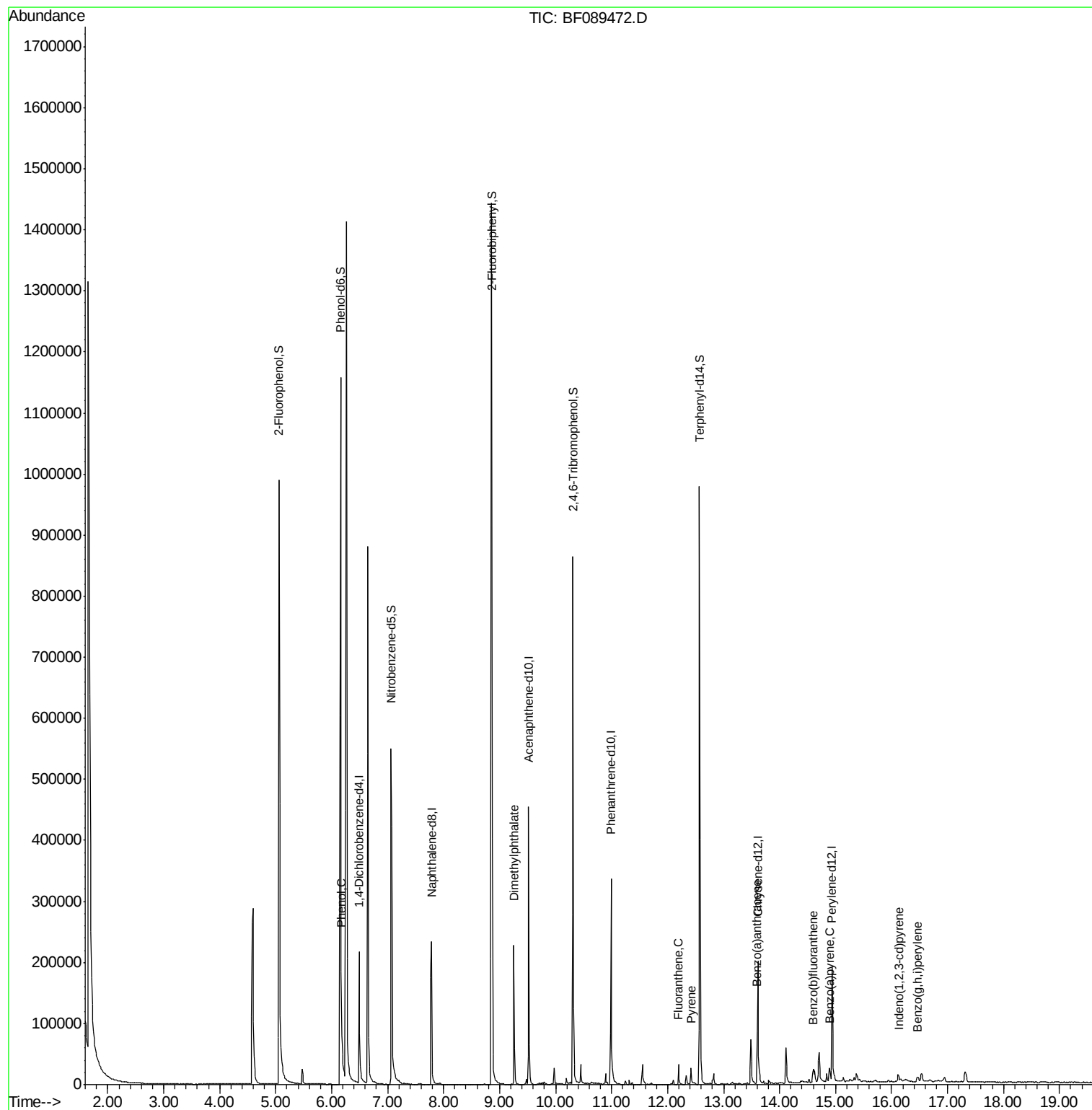
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089472.D
Acq On : 31 Jul 2016 15:49
Operator : UM/SJ
Sample : H4257-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

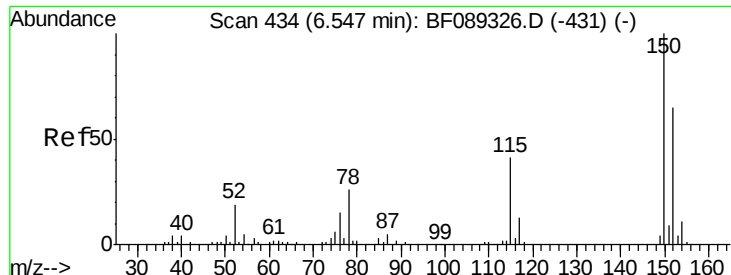
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-2

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Quant Time: Aug 01 05:40:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

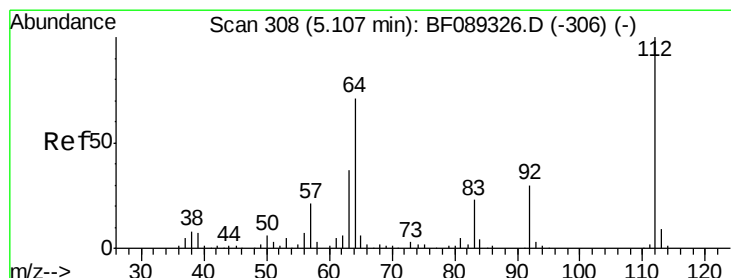
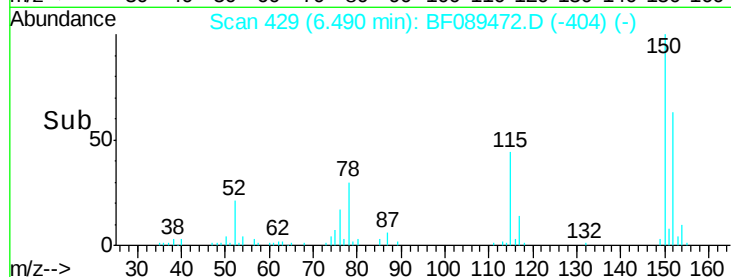
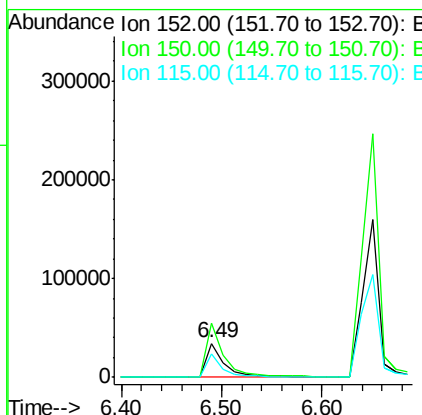
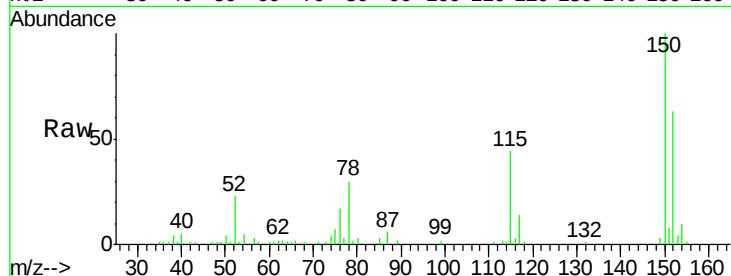
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF089472.D
Acq: 31 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	129.5	194.3
115	70.4	51.4	77.2

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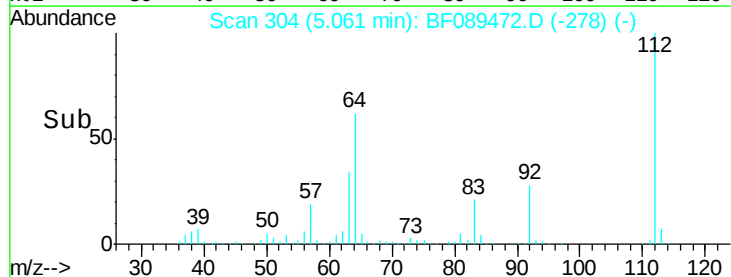
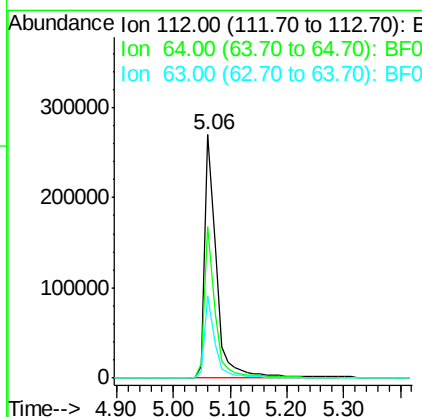
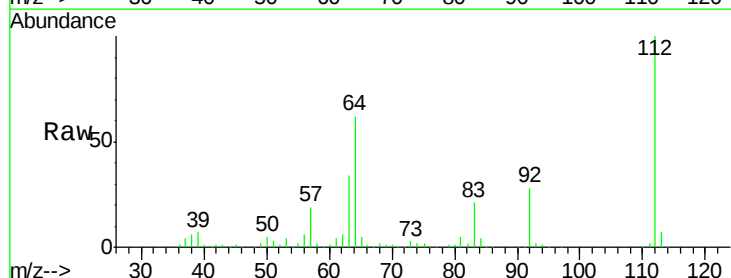
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#5

2-Fluorophenol
Concen: 132.76 ng
RT: 5.06 min Scan# 304
Delta R.T. 0.00 min
Lab File: BF089472.D
Acq: 31 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	55.0	82.6
63	33.8	29.4	44.2





#7

Phenol-d6

Concen: 149.25 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089472.D

Acq: 31 Jul 2016 15:49

Instrument :

BNA_F

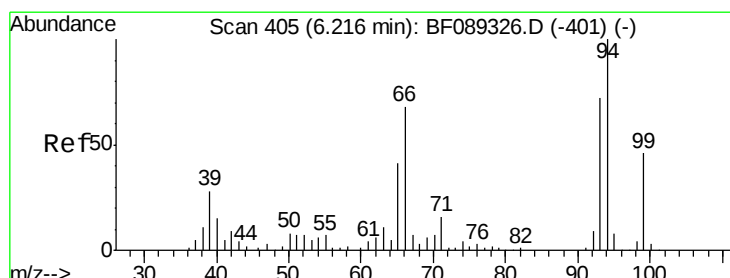
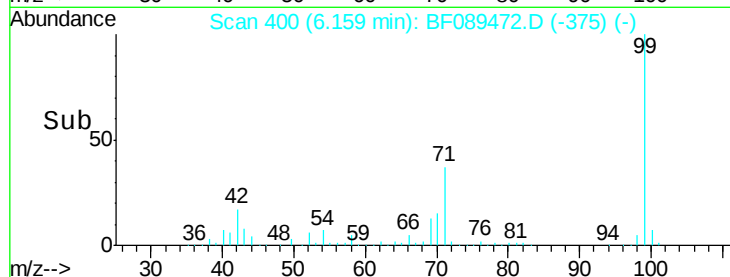
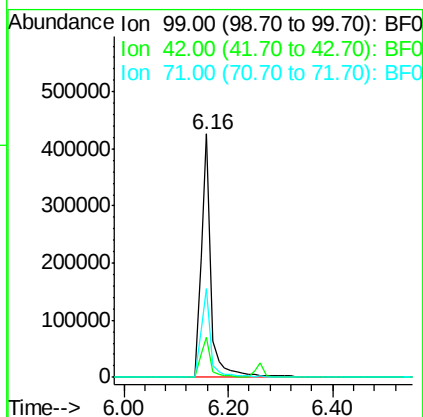
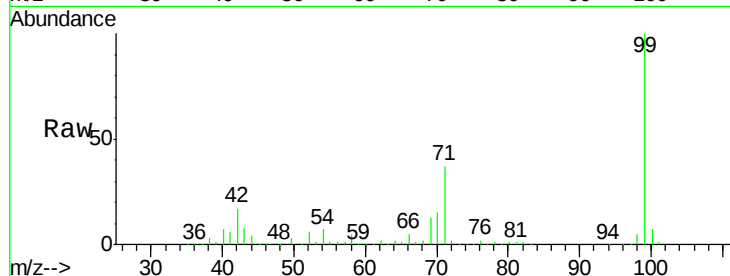
ClientSampled :

TEC-COMP-2

Tot Ion:	99	Resp:	556329
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	36.6	29.4	44.2

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#10

Phenol

Concen: 2.17 ng

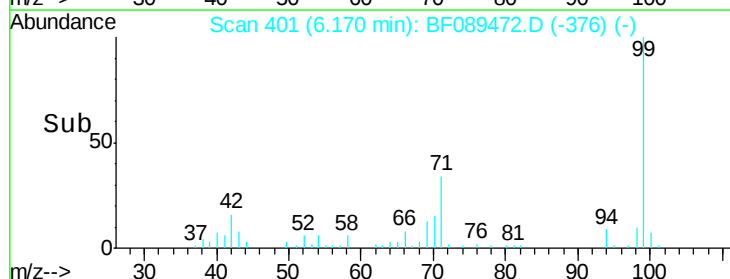
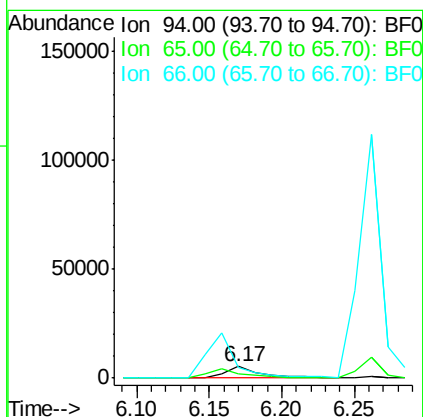
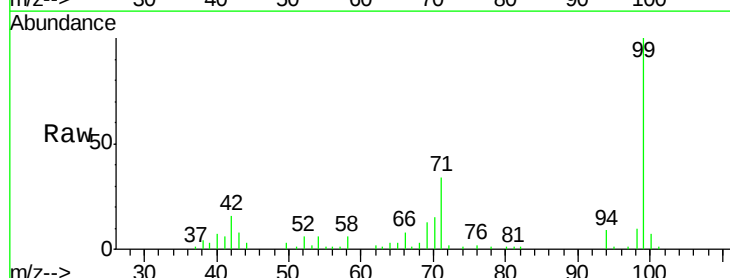
RT: 6.17 min Scan# 401

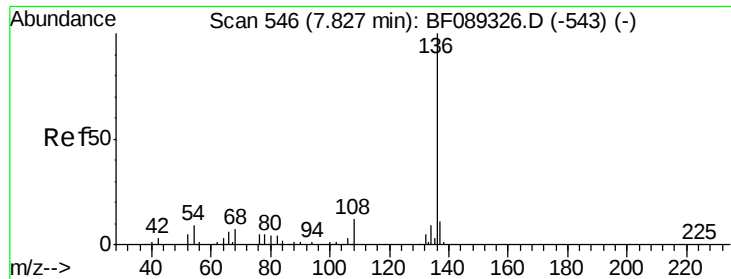
Delta R.T. -0.01 min

Lab File: BF089472.D

Acq: 31 Jul 2016 15:49

Tgt Ion:	94	Resp:	8945
Ion	Ratio	Lower	Upper
94	100		
65	40.6	19.1	59.1
66	92.0	44.4	84.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089472.D

Acq: 31 Jul 2016 15:49

Instrument :

BNA_F

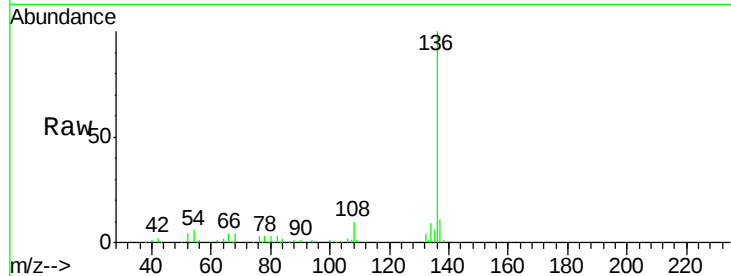
ClientSampleId :

TEC-COMP-2

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.7	7.0	10.4
68	4.5	4.9	7.3

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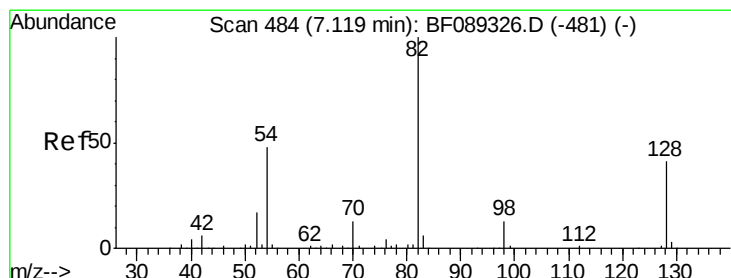
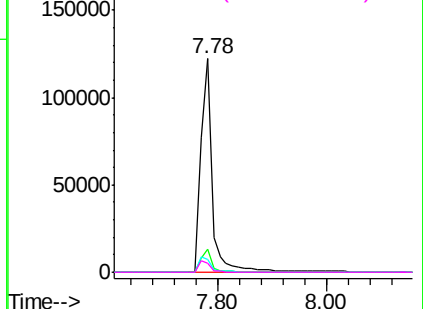
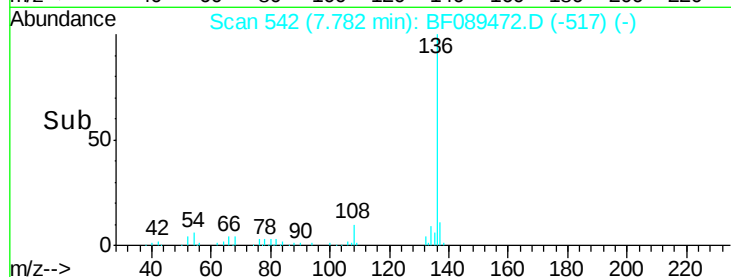


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 104.88 ng

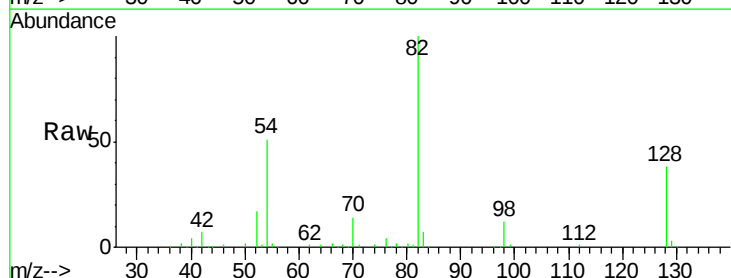
RT: 7.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF089472.D

Acq: 31 Jul 2016 15:49

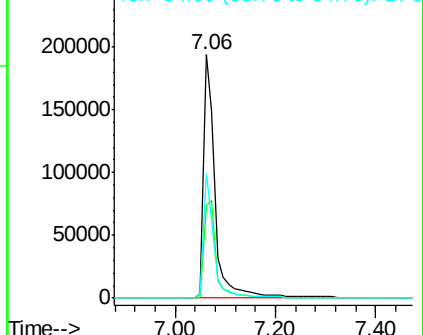
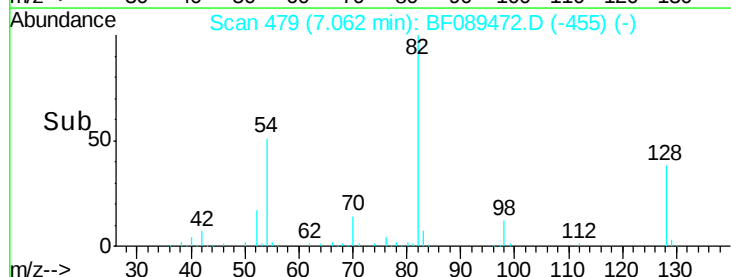
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	38.0	32.5	48.7
54	51.4	38.8	58.2

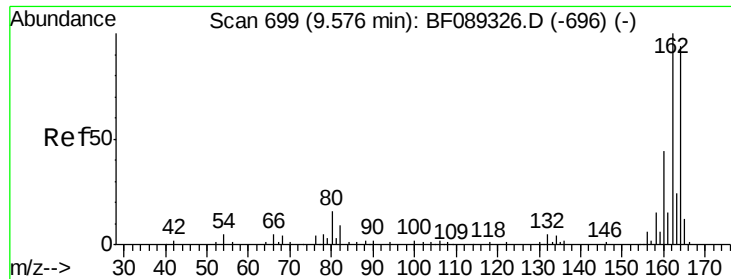


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





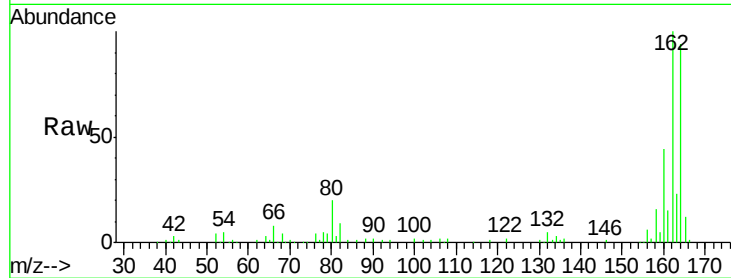
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089472.D
Acq: 31 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-2

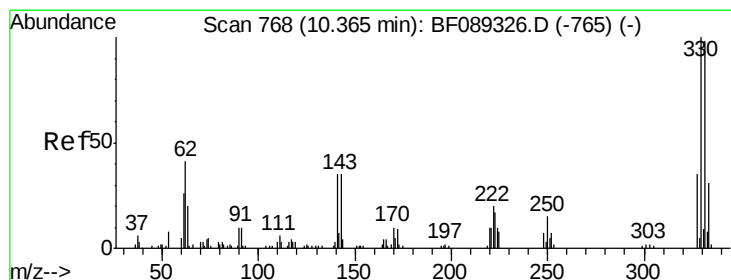
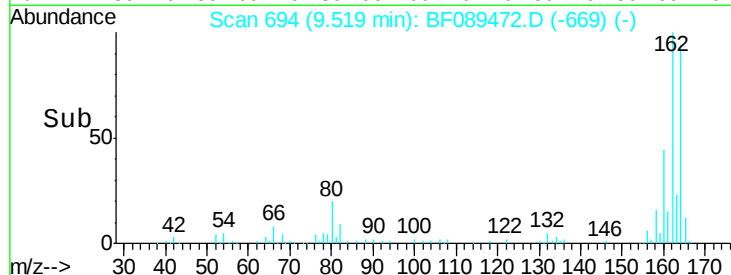
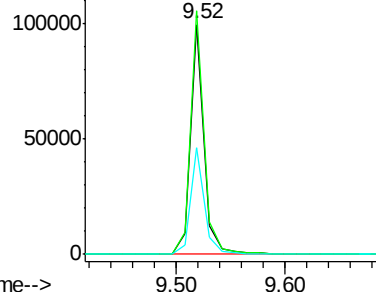
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.7	125.5
160	46.4	37.8	56.6

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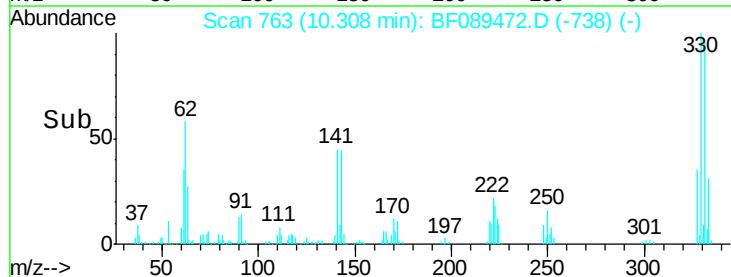
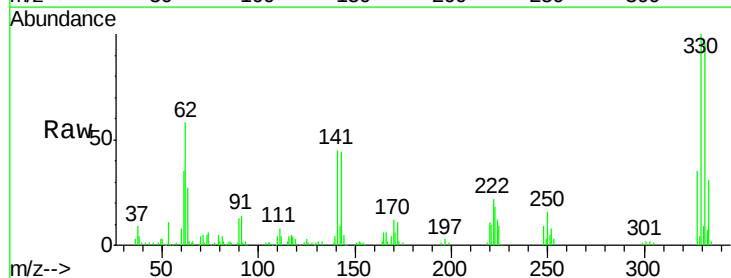
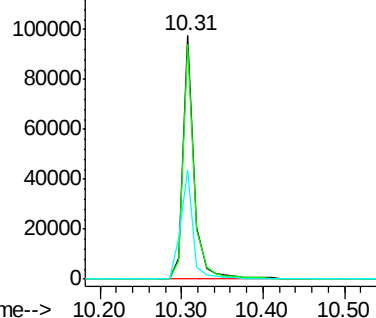
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

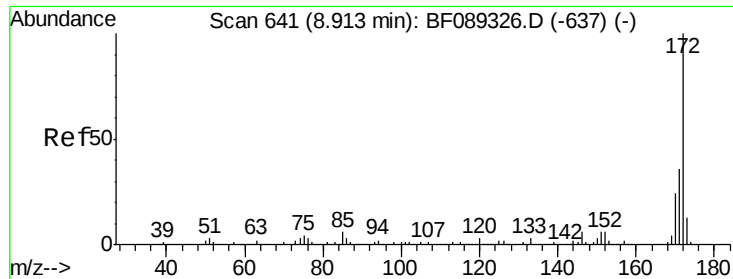


#41
2,4,6-Tribromophenol
Concen: 133.22 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF089472.D
Acq: 31 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	50.0	37.3	55.9

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





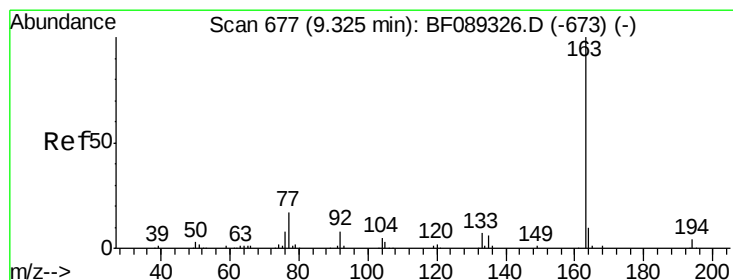
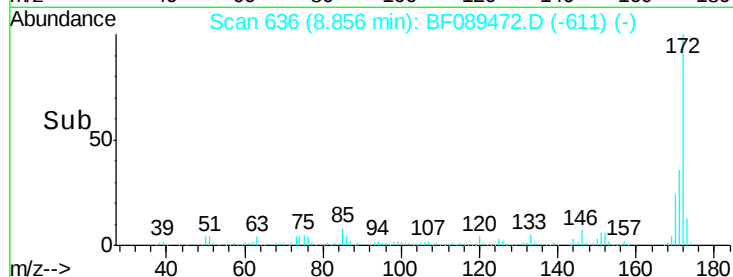
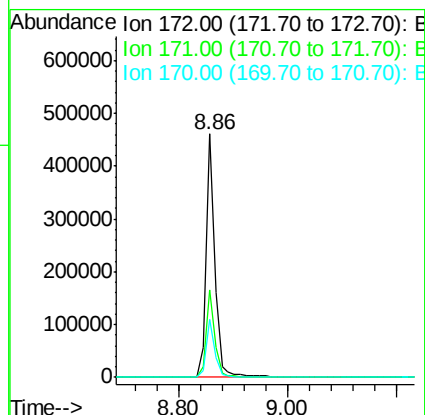
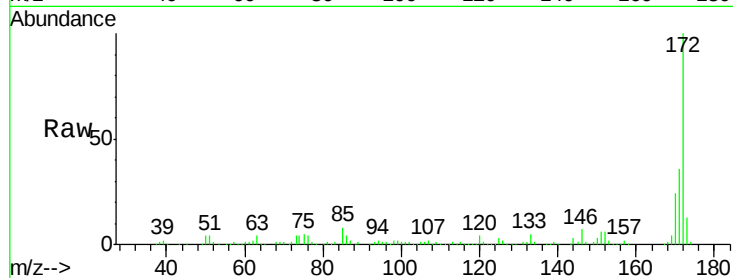
#44
2-Fluorobiphenyl
Concen: 86.76 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF089472.D
Acq: 31 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.6	19.2	28.8

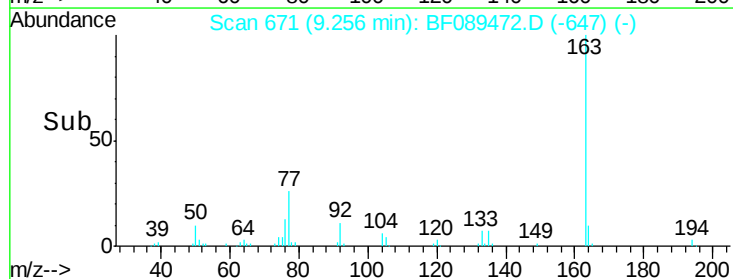
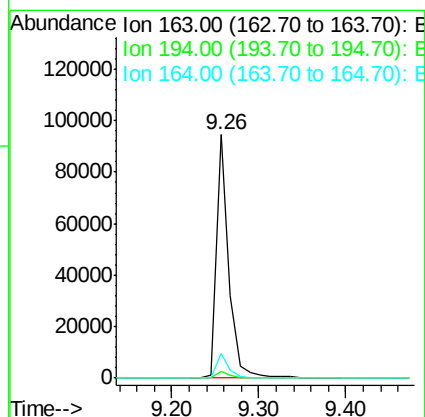
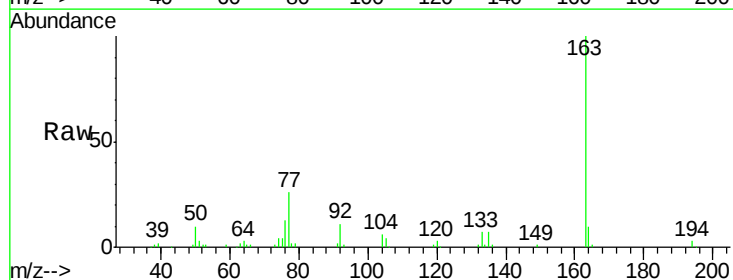
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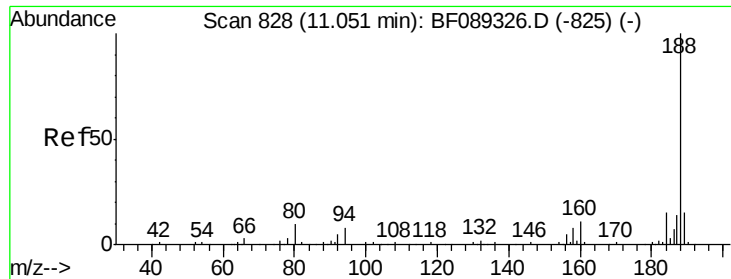
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#49
Dimethylphthalate
Concen: 14.41 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF089472.D
Acq: 31 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.4	7.8	11.8





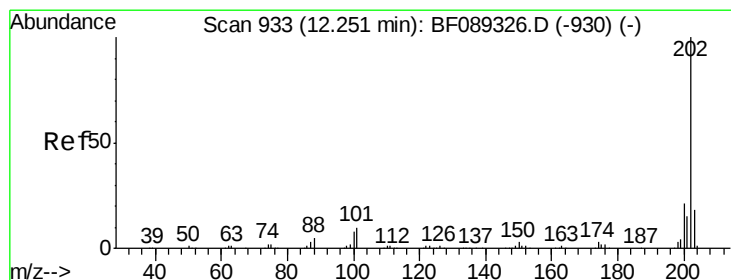
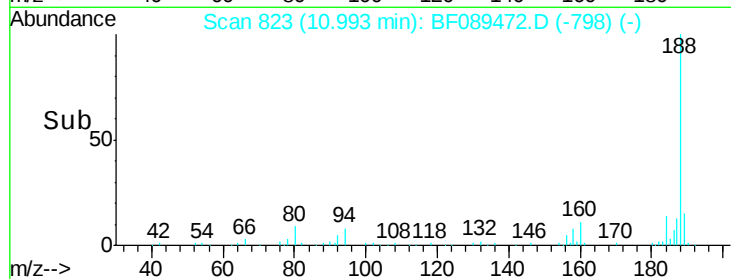
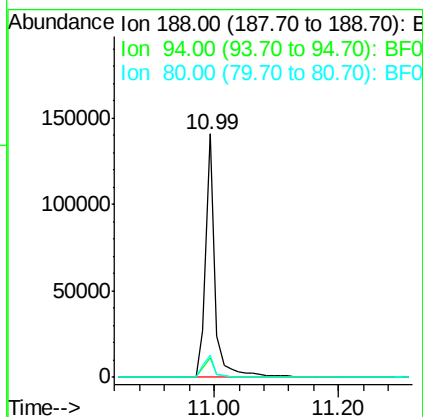
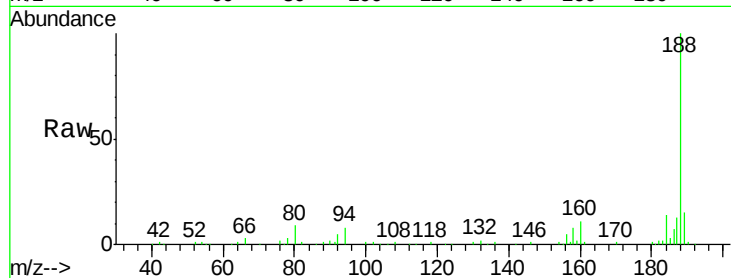
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089472.D
Acq: 31 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	149674		
94	7.9	6.5	9.7	
80	9.0	7.2	10.8	

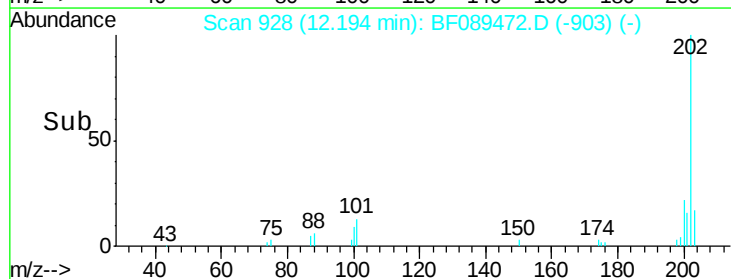
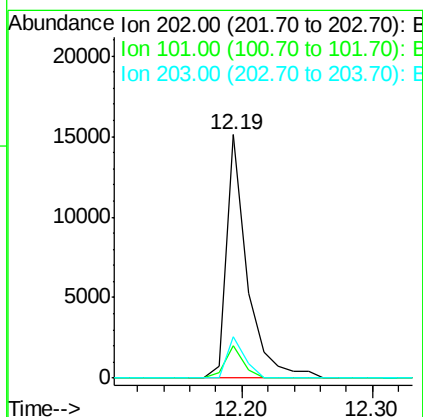
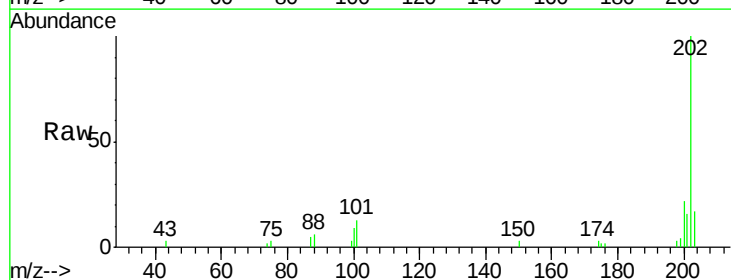
Manual Integrations
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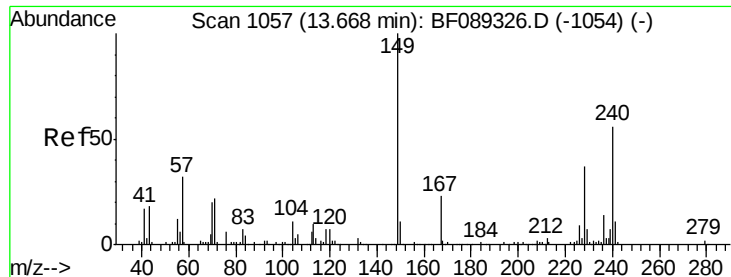
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#74
Fluoranthene
Concen: 2.06 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF089472.D
Acq: 31 Jul 2016 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	16710		
101	13.3	0.0	29.9	
203	16.8	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF089472.D

Acq: 31 Jul 2016 15:49

Instrument :

BNA_F

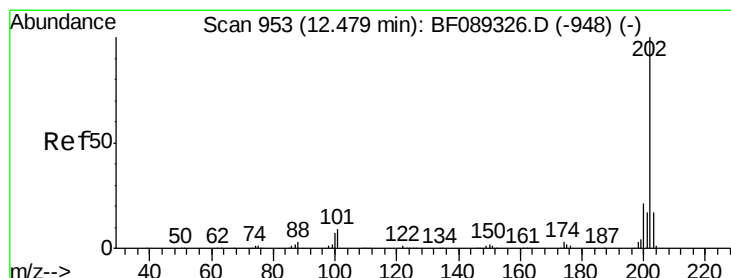
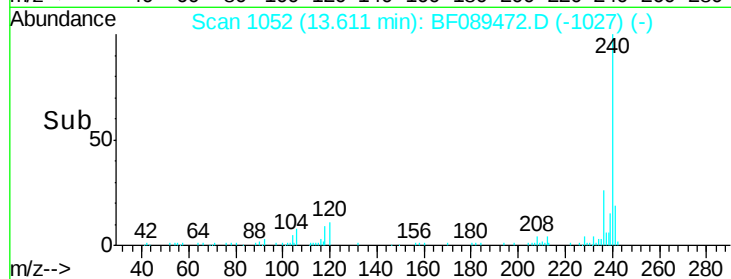
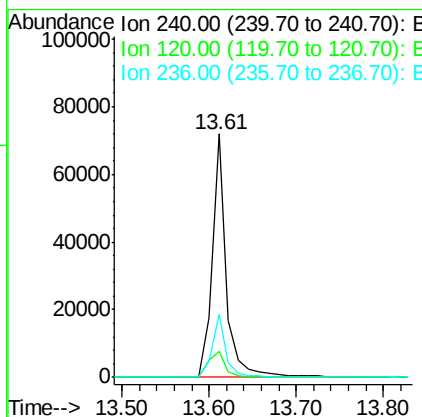
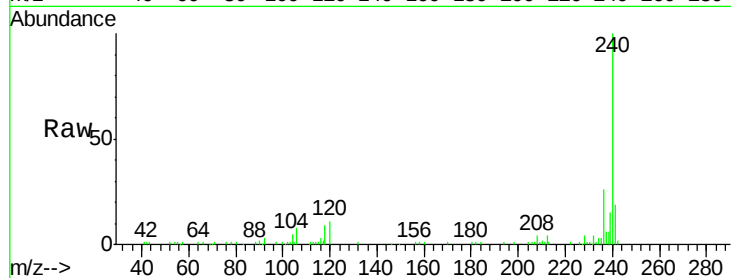
ClientSampleId :

TEC-COMP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.1	13.7
236	25.9	20.6	30.8

Manual Integrations
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#77

Pyrene

Concen: 2.50 ng

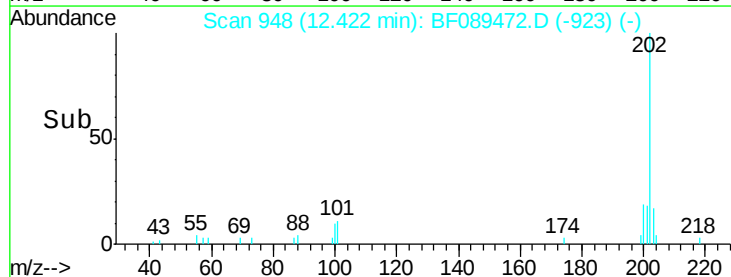
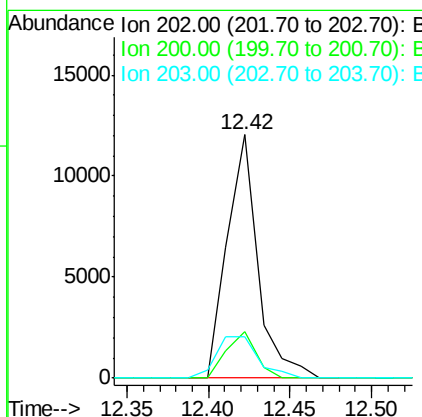
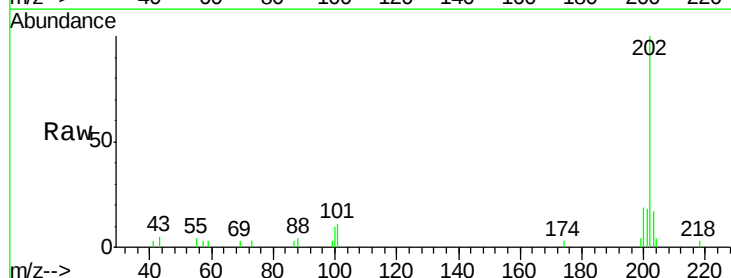
RT: 12.42 min Scan# 948

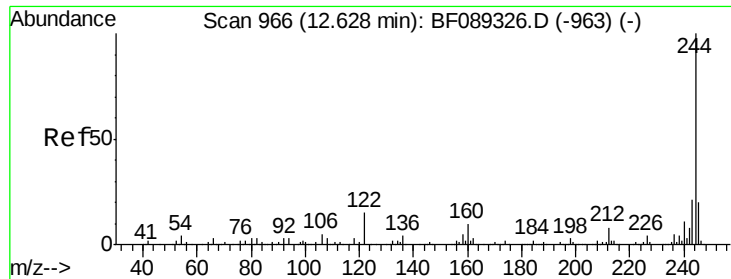
Delta R.T. -0.01 min

Lab File: BF089472.D

Acq: 31 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.9	25.3
203	17.1	14.0	21.0





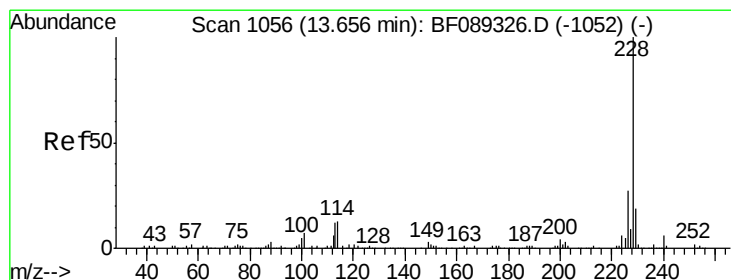
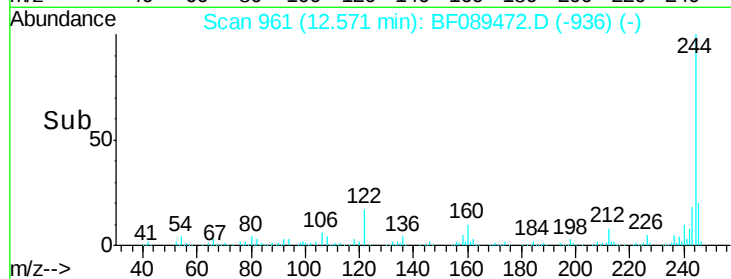
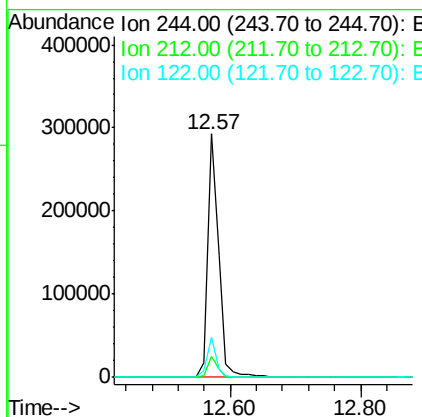
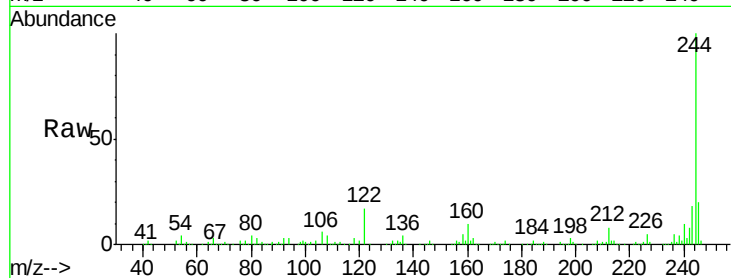
#78
 Terphenyl-d14
 Concen: 97.46 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF089472.D
 Acq: 31 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	16.5	11.4	17.0

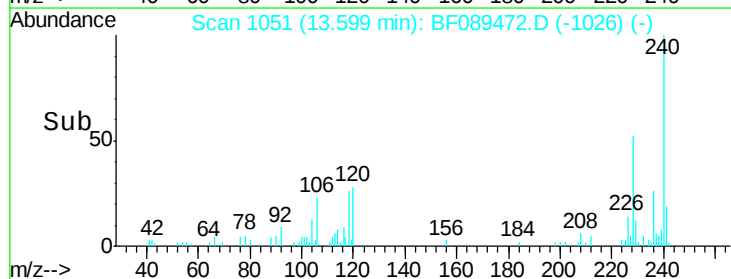
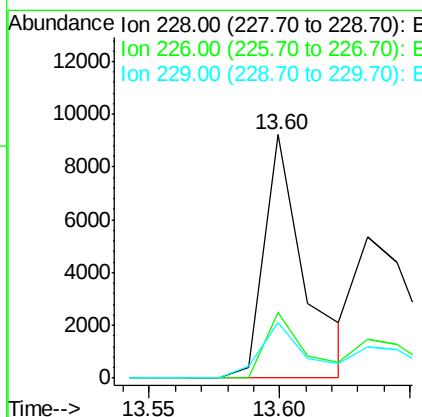
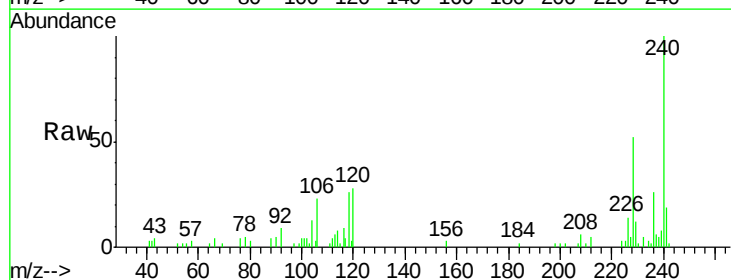
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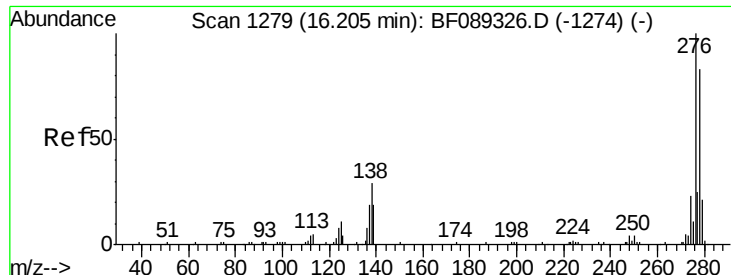
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#80
 Benzo(a)anthracene
 Concen: 2.17 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF089472.D
 Acq: 31 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	22.5	15.9	23.9





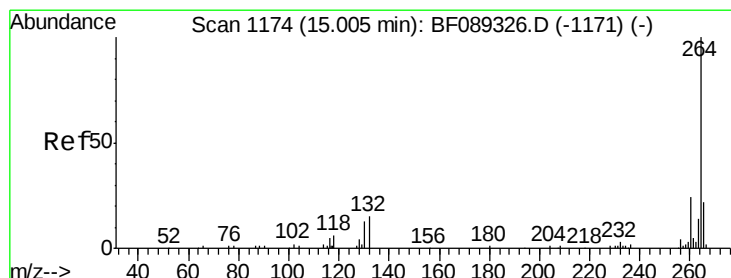
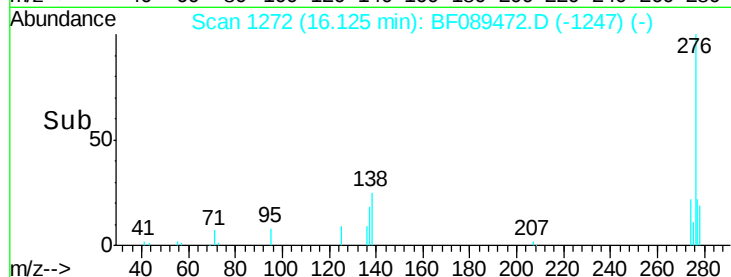
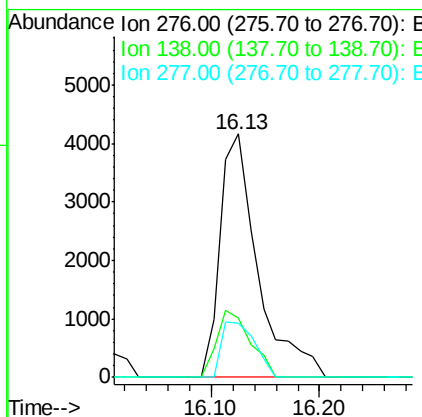
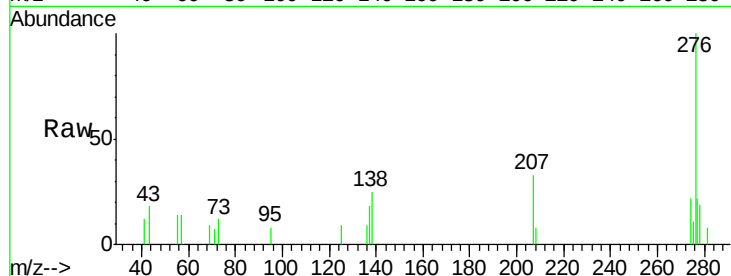
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.86 ng
 RT: 16.13 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF089472.D
 Acq: 31 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.0	34.4
277	20.1	20.2	30.4

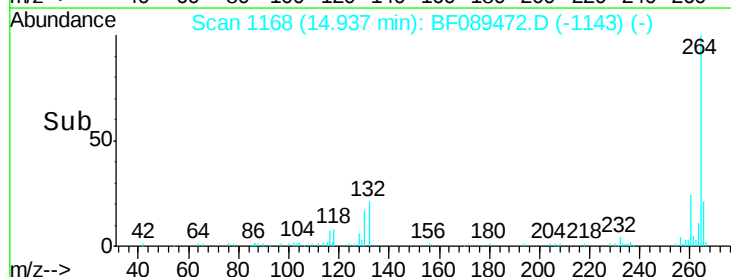
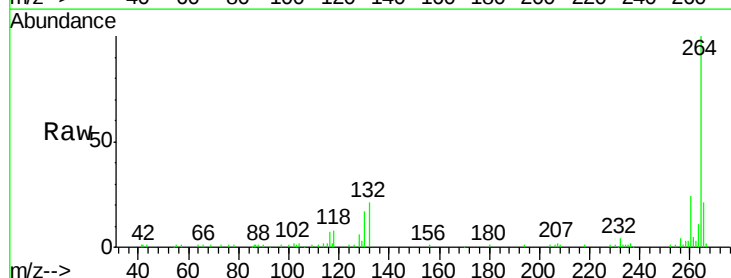
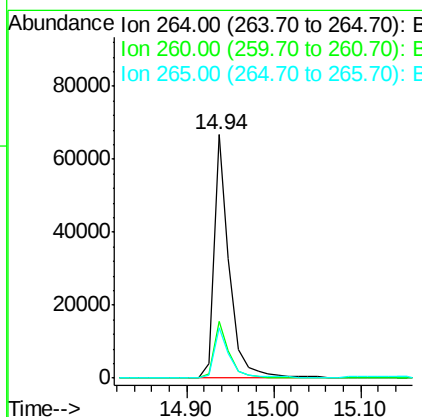
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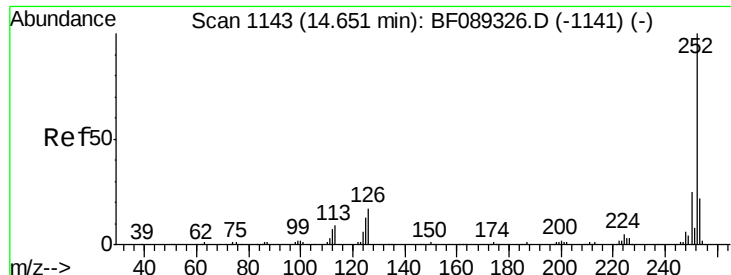
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF089472.D
 Acq: 31 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.76 ng m

RT: 14.61 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF089472.D

Acq: 31 Jul 2016 15:49

Instrument :

BNA_F

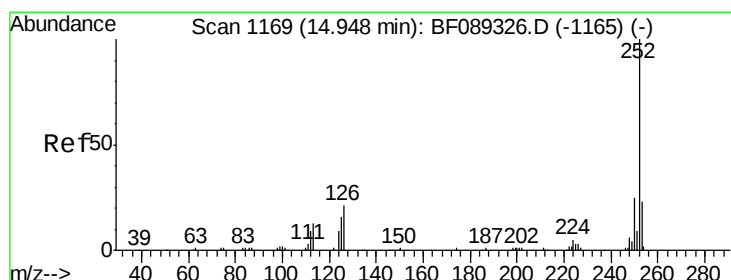
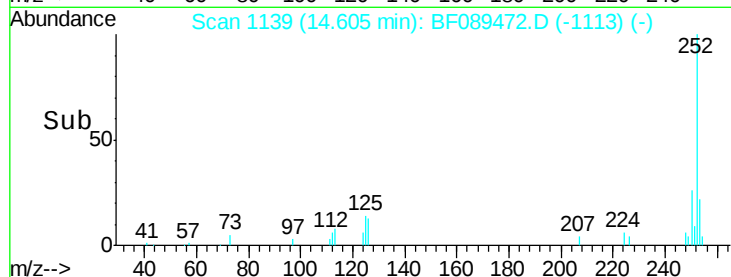
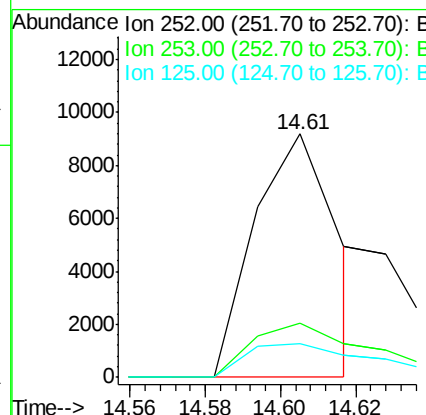
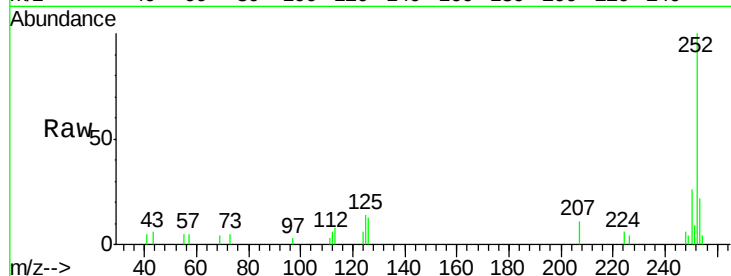
ClientSampleId :

TEC-COMP-2

Tot Ion:	252	Resp:	14123
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	13.7	9.7	14.5

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#89

Benzo(a)pyrene

Concen: 2.93 ng

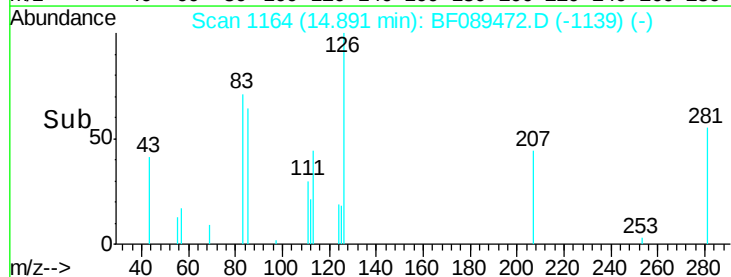
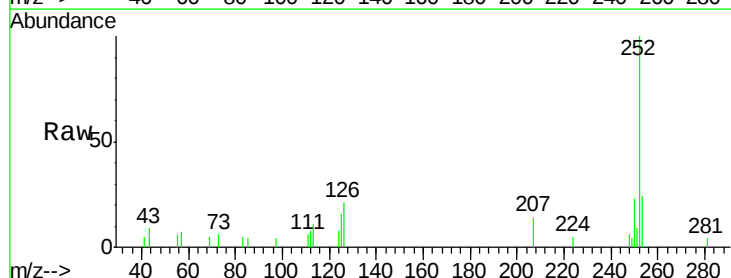
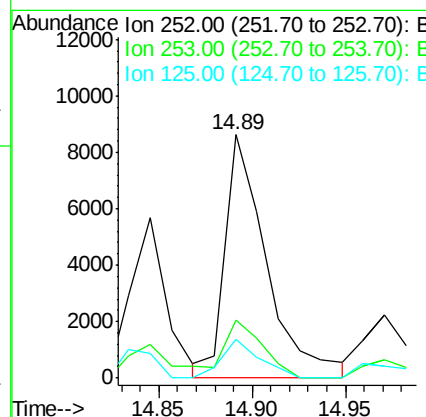
RT: 14.89 min Scan# 1164

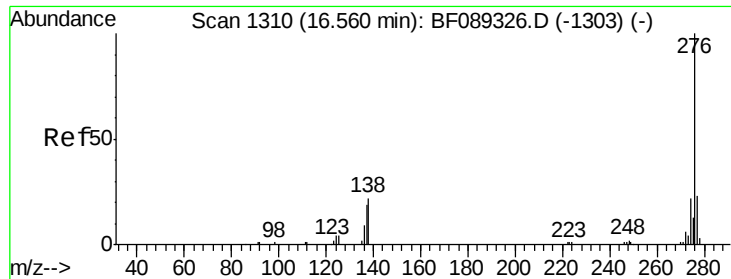
Delta R.T. -0.01 min

Lab File: BF089472.D

Acq: 31 Jul 2016 15:49

Tgt Ion:	252	Resp:	13456
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	15.8	12.4	18.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.82 ng
 RT: 16.47 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF089472.D
 Acq: 31 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	23.7	21.4	32.0

Manual Integrations
 APPROVED

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