

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089475.D
 Acq On : 31 Jul 2016 17:19
 Operator : UM/SJ
 Sample : H4257-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-5

Manual Integrations
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Quant Time: Aug 01 05:46:42 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	45203	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	178479	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	87033	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	151961	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	85166	20.00	ng	-0.01
86) Perylene-d12	14.94	264	81554	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	393078	138.85	ng	0.00
7) Phenol-d6	6.16	99	568263	151.89	ng	-0.01
23) Nitrobenzene-d5	7.06	82	318333	105.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	94769	131.47	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	503843	84.96	ng	-0.01
78) Terphenyl-d14	12.57	244	354313	97.37	ng	-0.01
Target Compounds						
10) Phenol	6.17	94	12518	3.03	ng	89
49) Dimethylphthalate	9.26	163	89339	13.49	ng	98
74) Fluoranthene	12.19	202	24353	2.95	ng	97
77) Pyrene	12.42	202	17948	2.78	ng	99
87) Benzo(b)fluoranthene	14.61	252	10386m	2.05	ng	

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

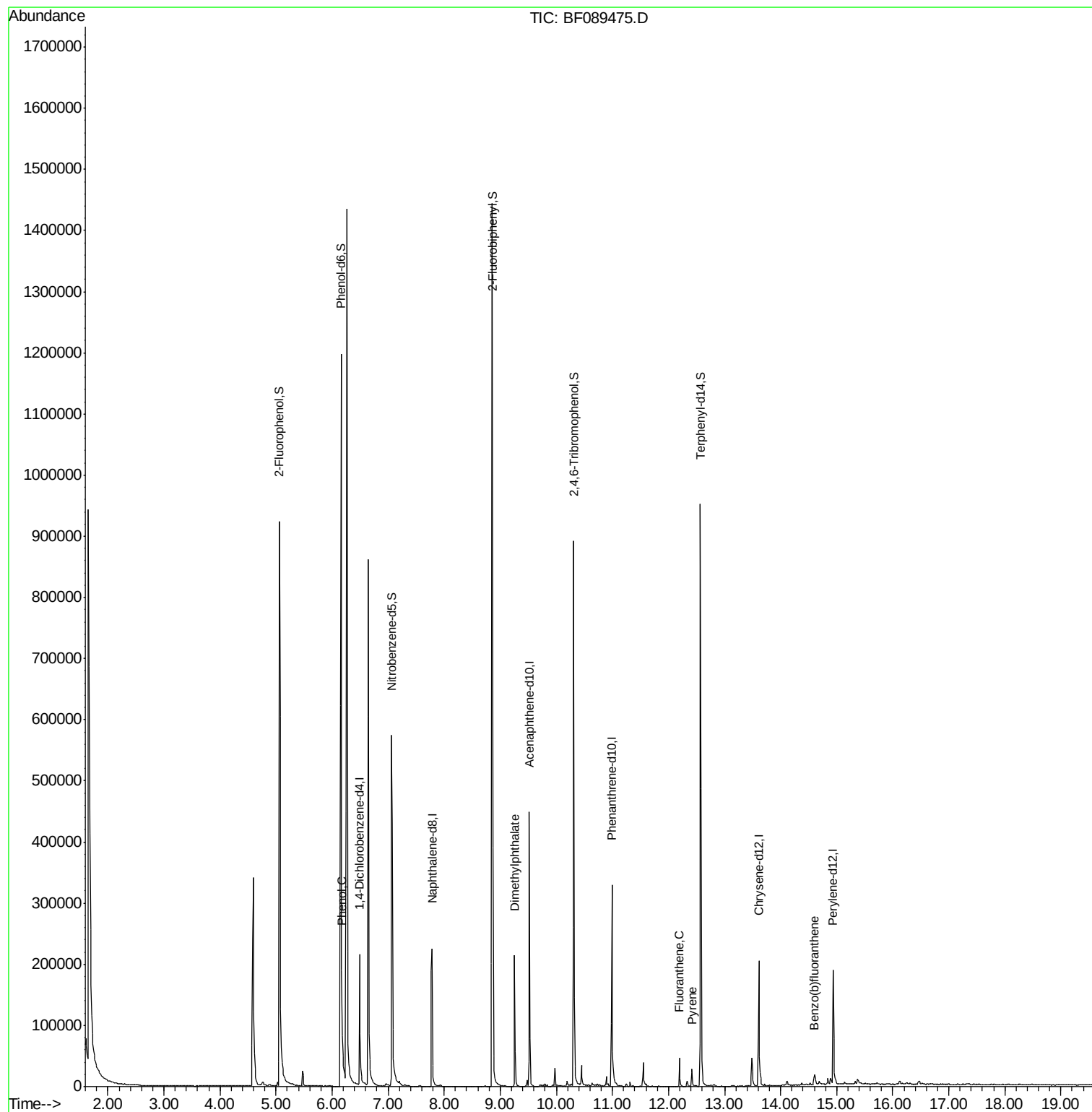
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089475.D
Acq On : 31 Jul 2016 17:19
Operator : UM/SJ
Sample : H4257-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

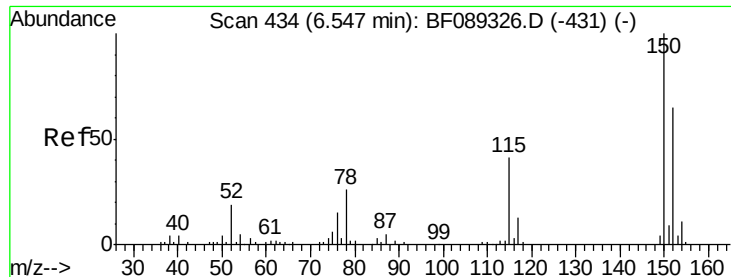
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-5

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Quant Time: Aug 01 05:46:42 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

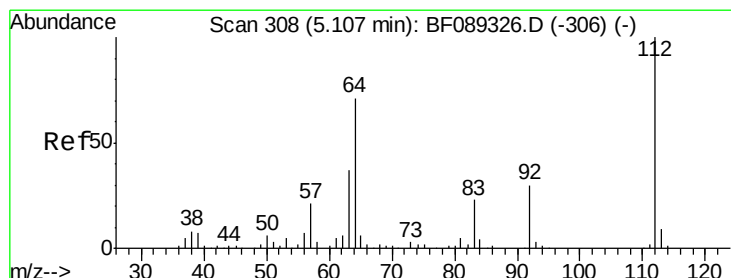
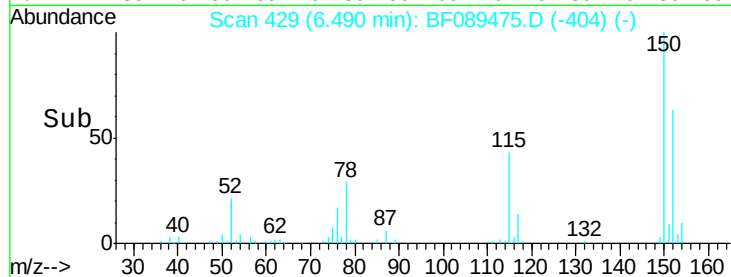
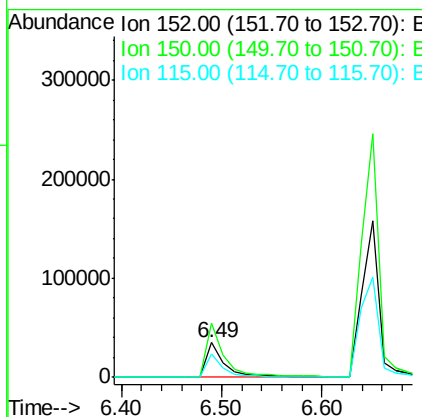
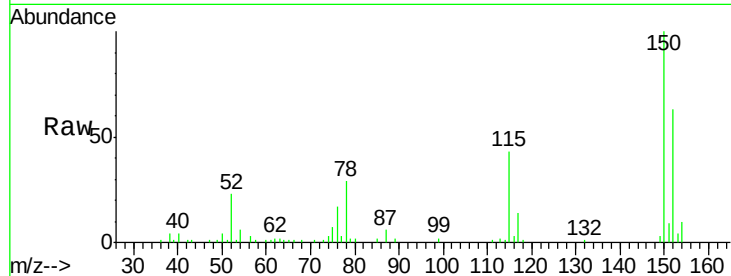
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	129.5	194.3
115	68.3	51.4	77.2

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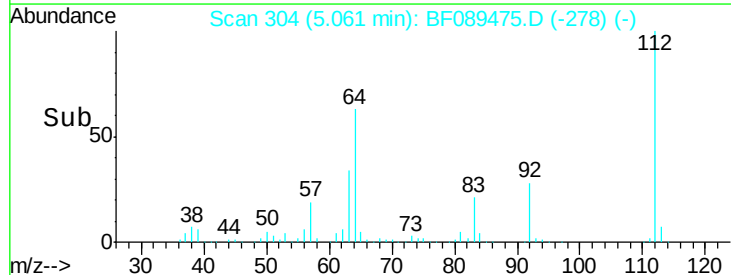
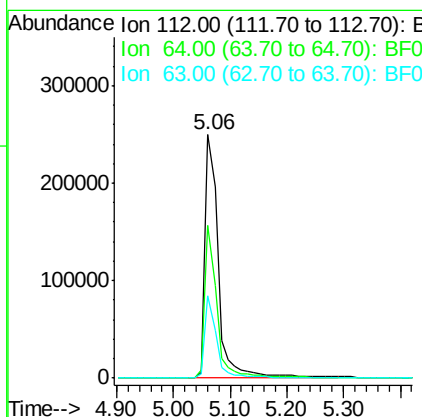
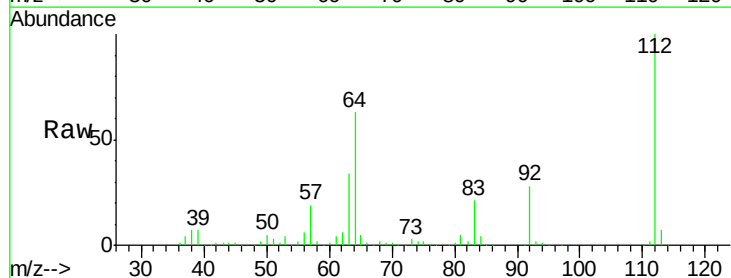
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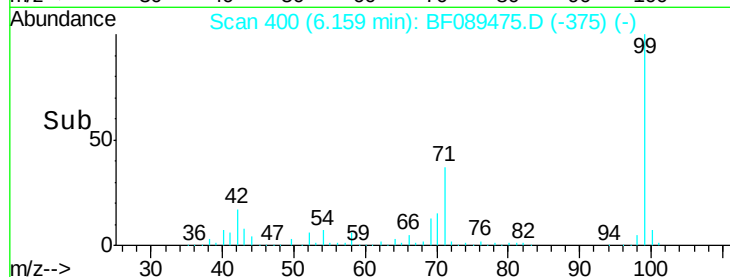
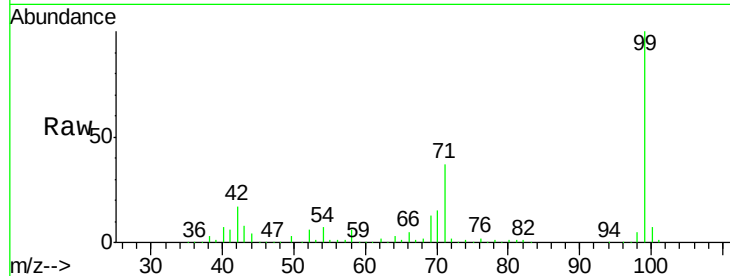
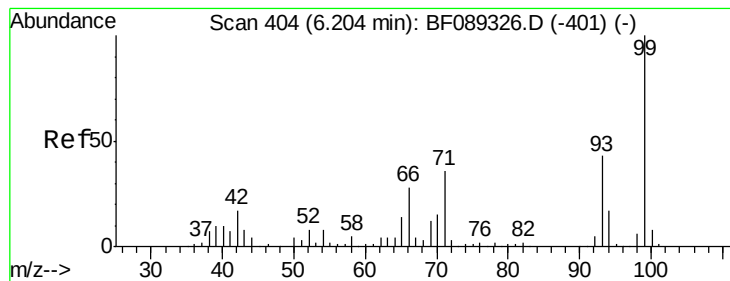


#5

2-Fluorophenol
Concen: 138.85 ng
RT: 5.06 min Scan# 304
Delta R.T. 0.00 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	55.0	82.6
63	33.9	29.4	44.2





#7

Phenol-d6

Concen: 151.89 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

Tot Ion:	99	Resp:	568263
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	36.9	29.4	44.2

Instrument :

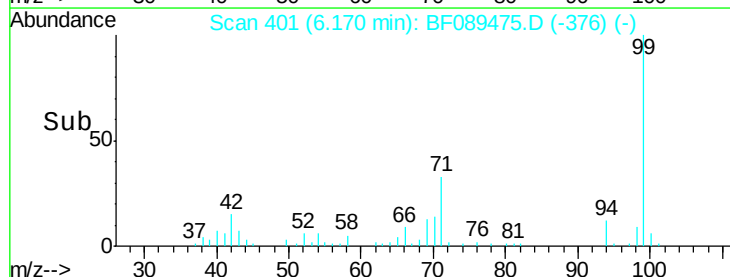
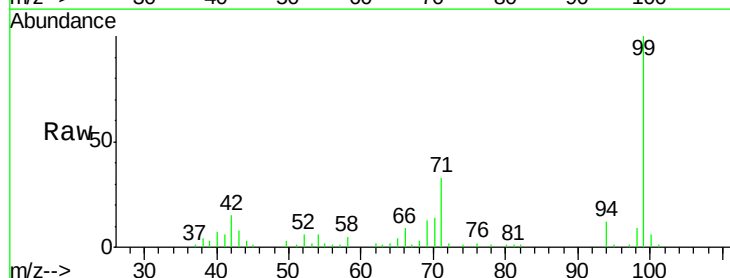
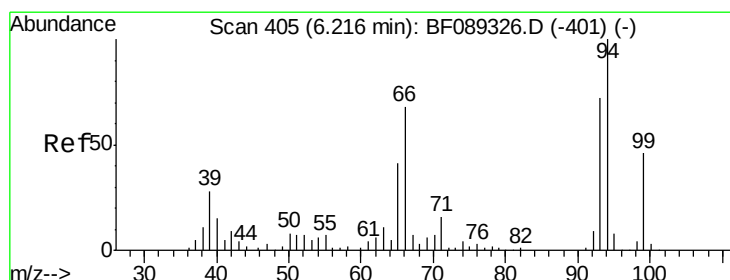
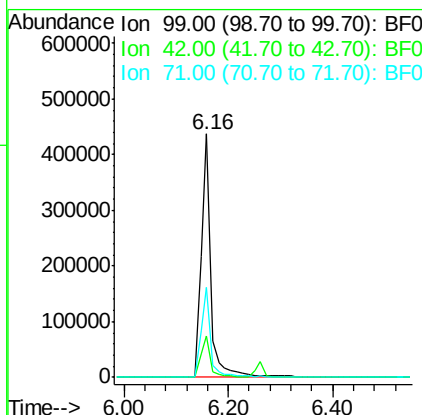
BNA_F

ClientSampled :

TEC-COMP-5

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#10

Phenol

Concen: 3.03 ng

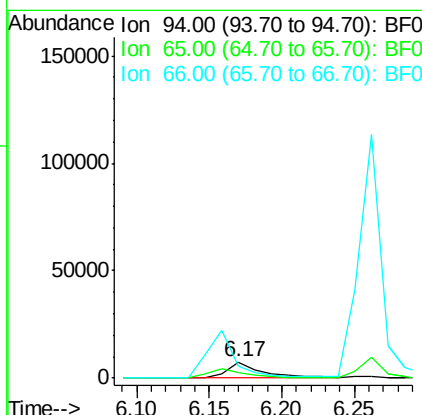
RT: 6.17 min Scan# 401

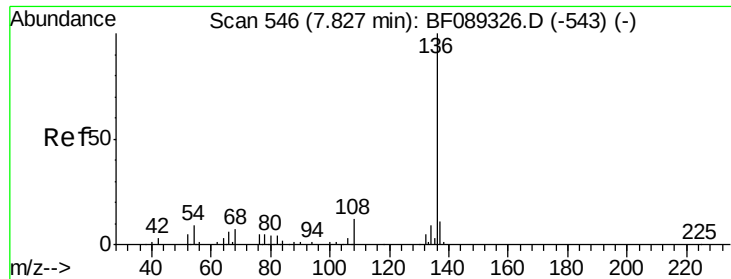
Delta R.T. -0.01 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

Tgt Ion:	94	Resp:	12518
Ion	Ratio	Lower	Upper
94	100		
65	35.4	19.1	59.1
66	75.3	44.4	84.4





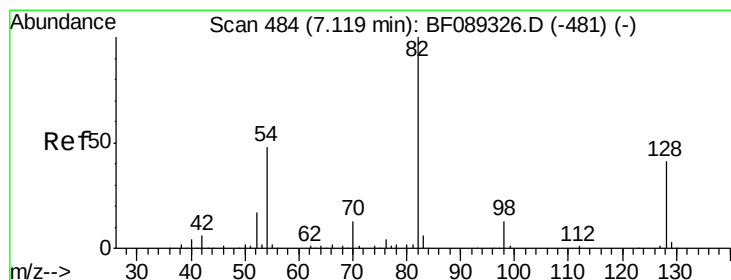
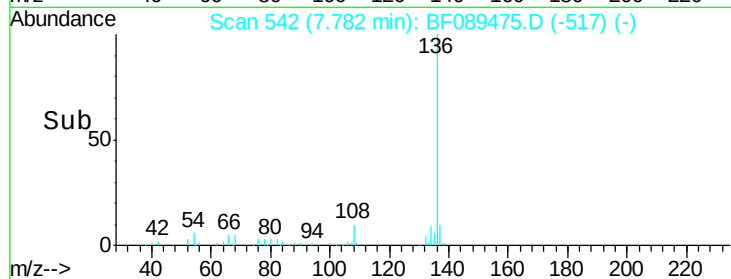
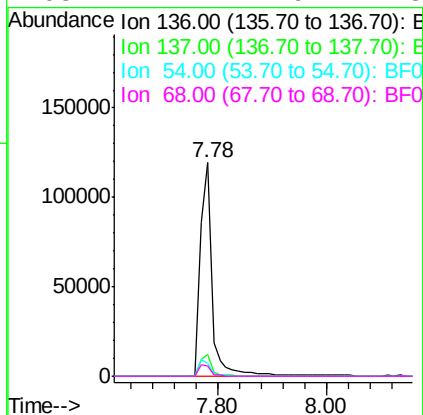
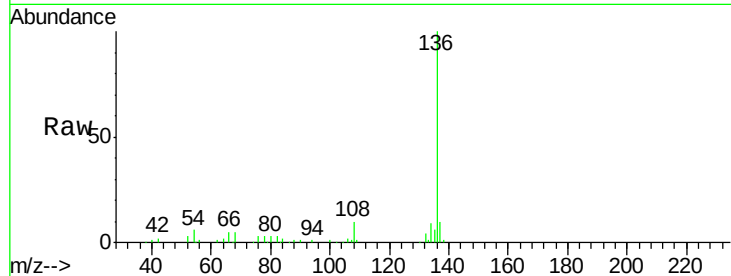
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	178479		
137	10.5	8.6	13.0	
54	5.8	7.0	10.4	
68	4.7	4.9	7.3	

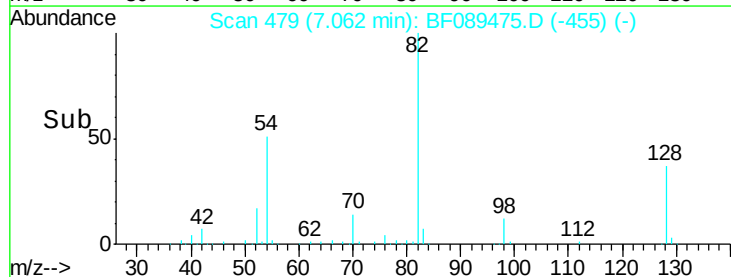
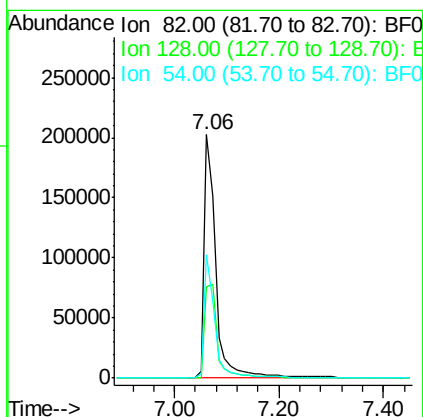
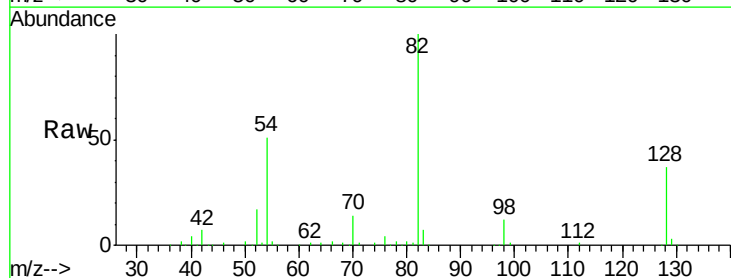
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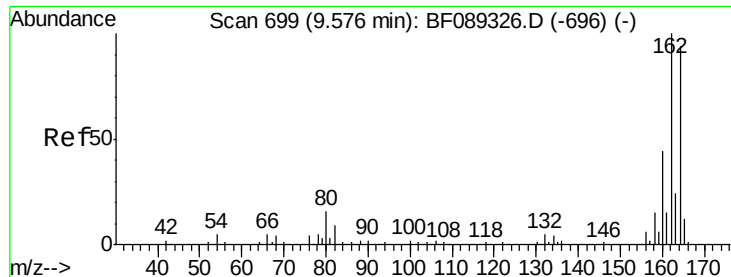
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#23
Nitrobenzene-d5
Concen: 105.28 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	318333		
128	37.2	32.5	48.7	
54	50.6	38.8	58.2	





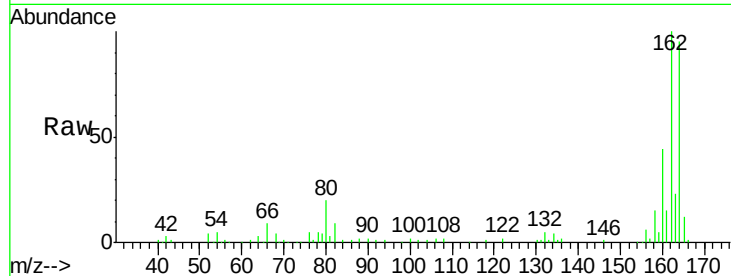
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-5

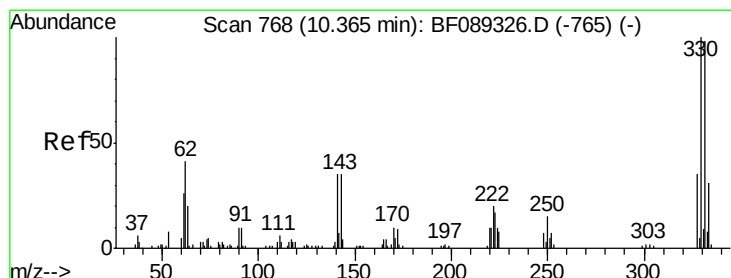
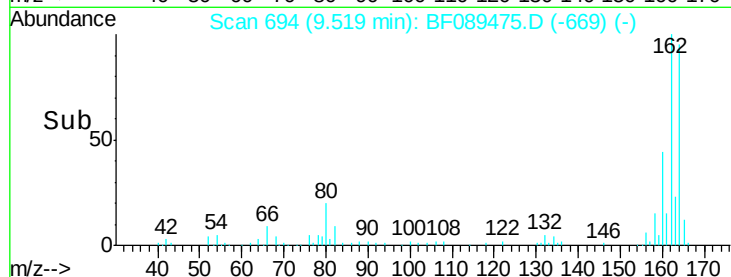
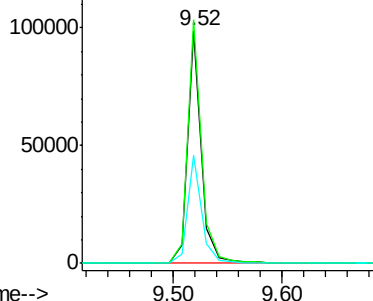
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.7	125.5
160	46.6	37.8	56.6

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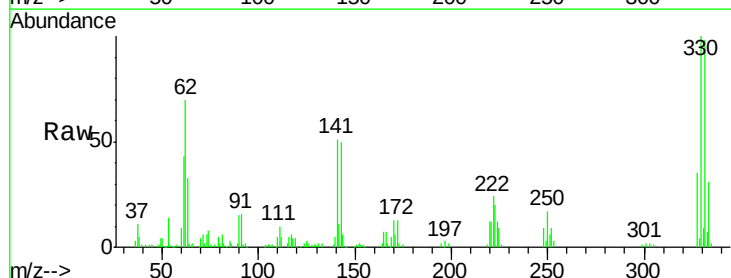


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

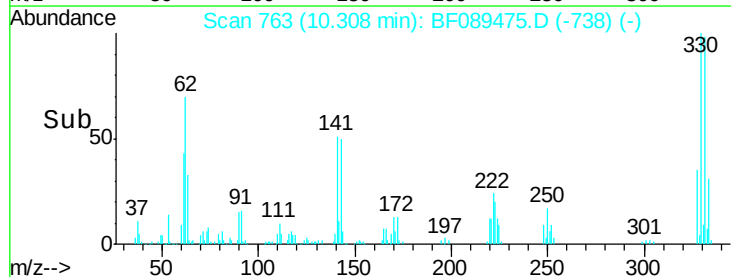
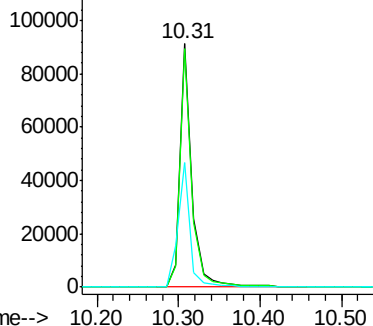


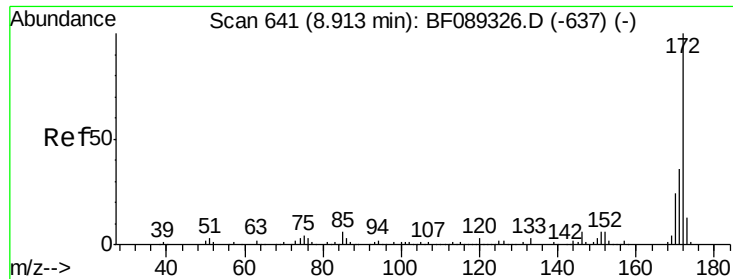
#41
2,4,6-Tribromophenol
Concen: 131.47 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	52.6	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





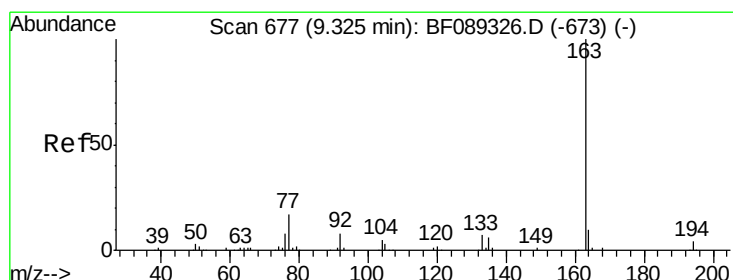
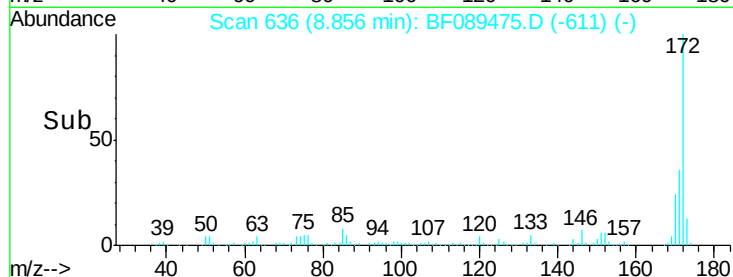
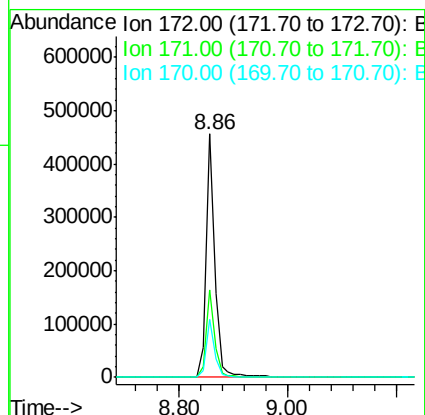
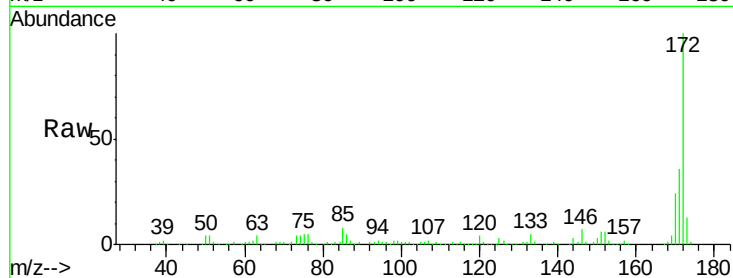
#44
 2-Fluorobiphenyl
 Concen: 84.96 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.7	19.2	28.8

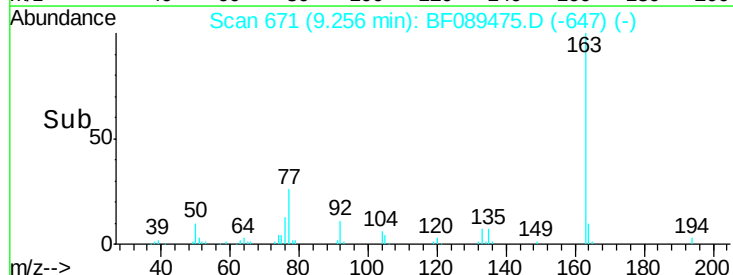
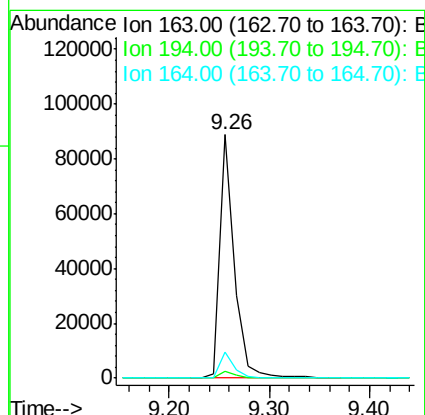
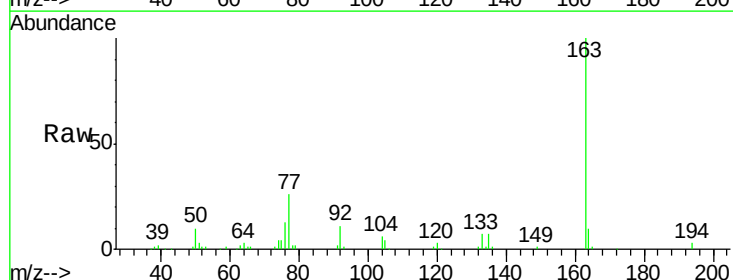
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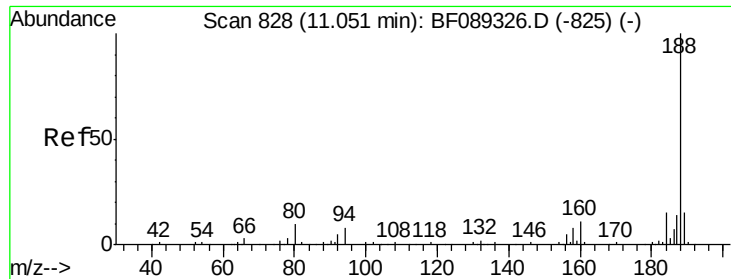
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#49
 Dimethylphthalate
 Concen: 13.49 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.5	7.8	11.8





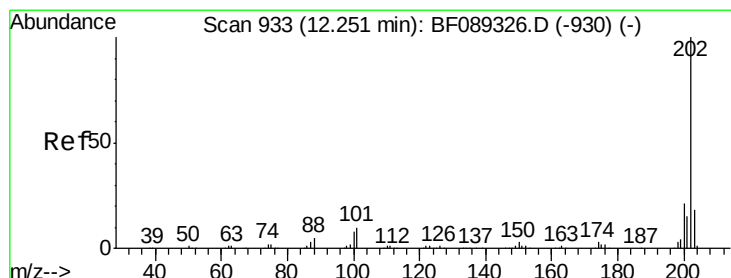
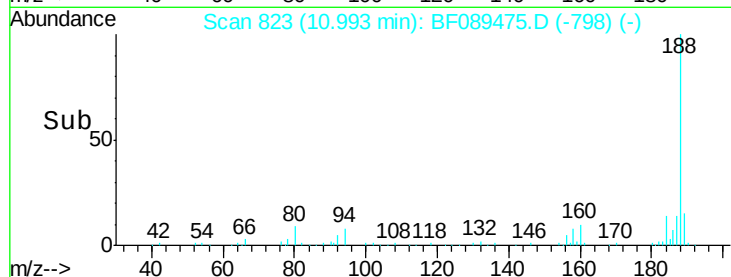
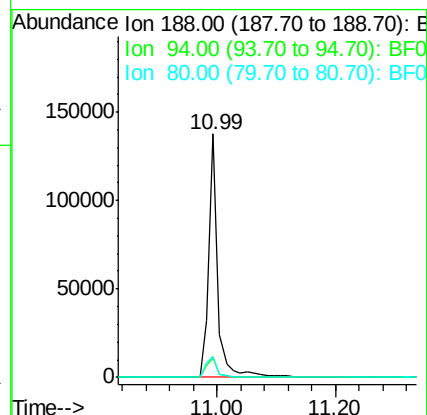
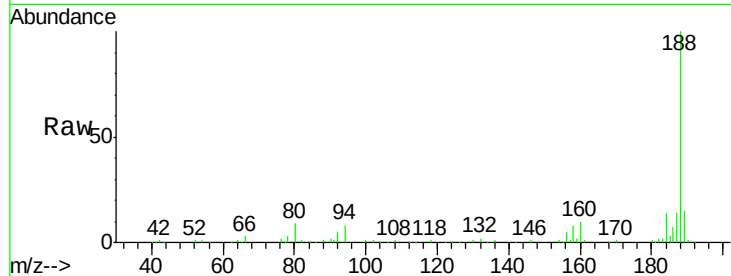
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	151961		
94	8.0		6.5	9.7
80	8.7		7.2	10.8

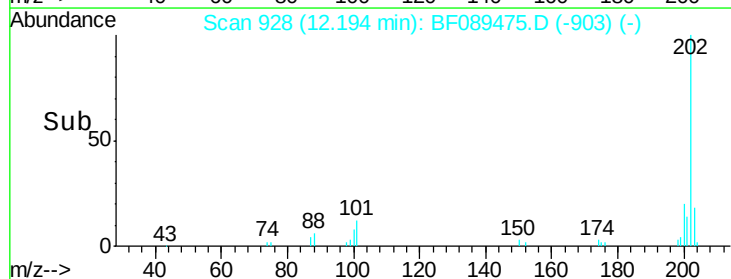
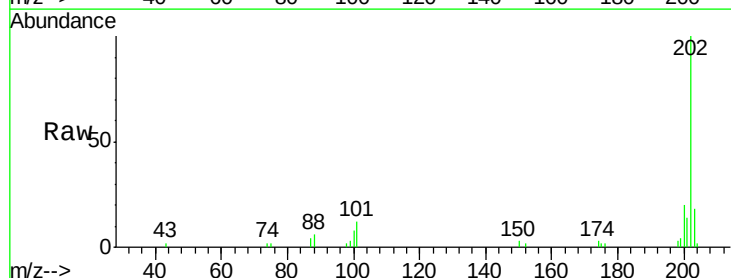
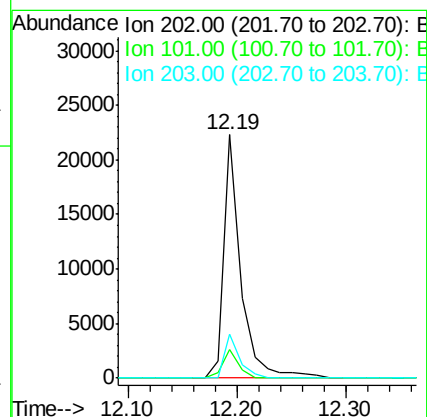
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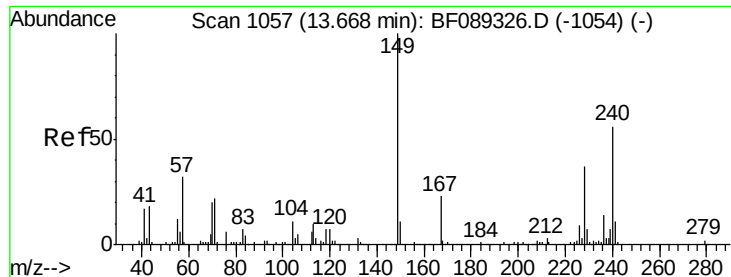
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#74
 Fluoranthene
 Concen: 2.95 ng
 RT: 12.19 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	24353		
101	11.7		0.0	29.9
203	18.1		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: BF089475.D

Acq: 31 Jul 2016 17:19

Instrument :

BNA_F

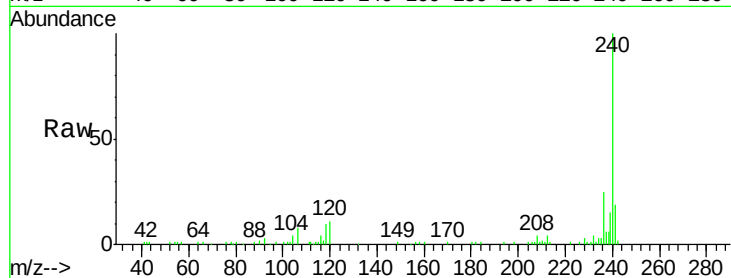
ClientSampleId :

TEC-COMP-5

Tot Ion	Ion	Ratio	Lower	Upper
240	100			
120	10.9	9.1	13.7	
236	25.1	20.6	30.8	

Manual Integrations
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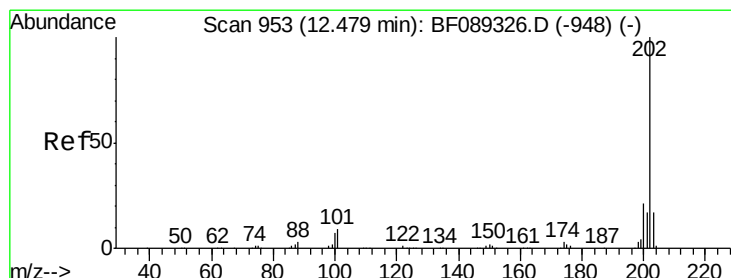
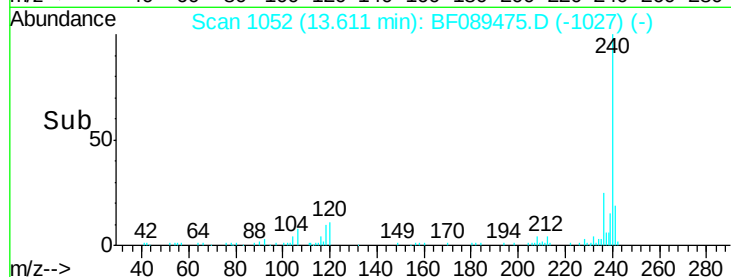
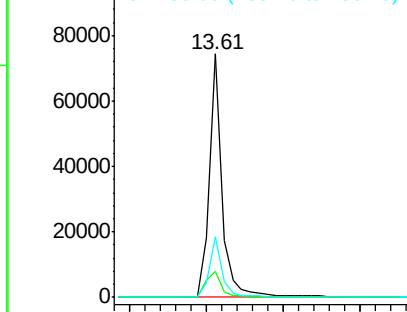
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.78 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF089475.D

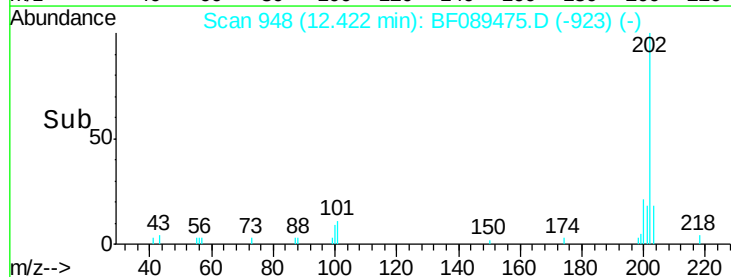
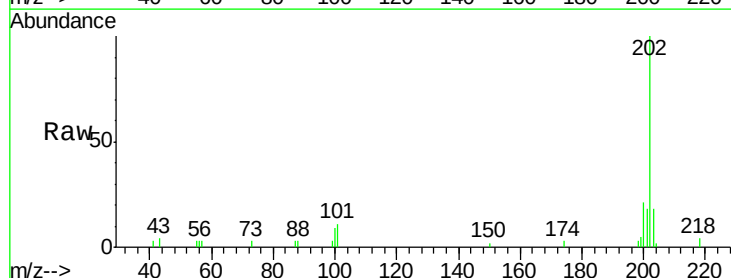
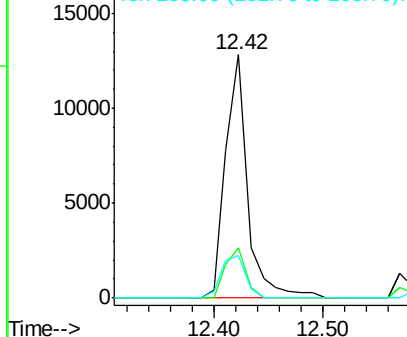
Acq: 31 Jul 2016 17:19

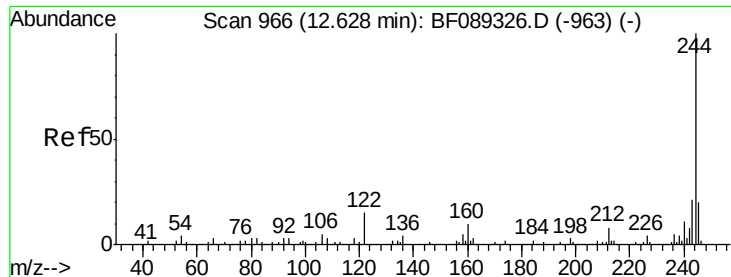
Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	20.7	16.9	25.3	
203	17.7	14.0	21.0	

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





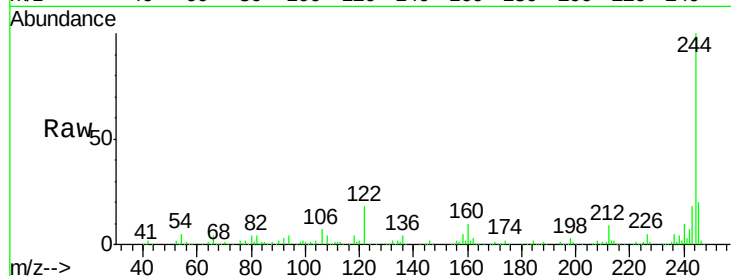
#78
 Terphenyl-d14
 Concen: 97.37 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-5

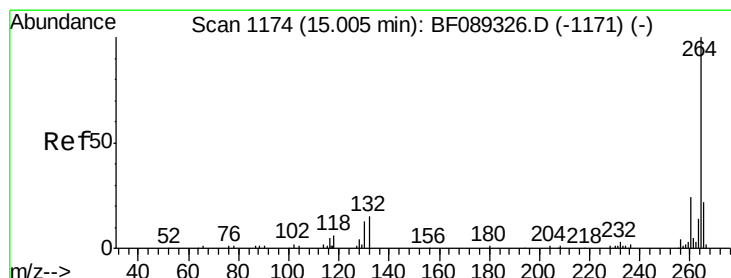
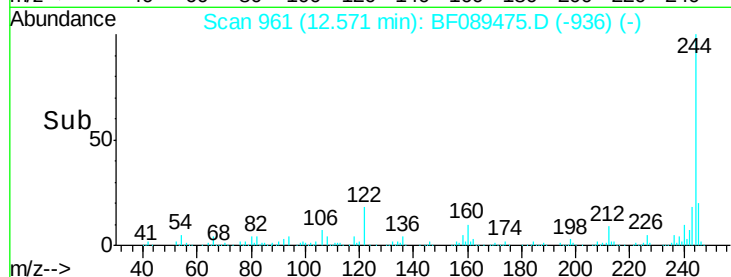
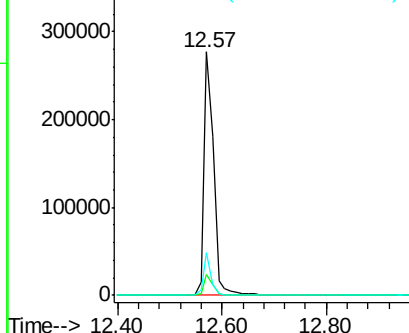
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	17.6	11.4	17.0

Manual Integrations
 APPROVED

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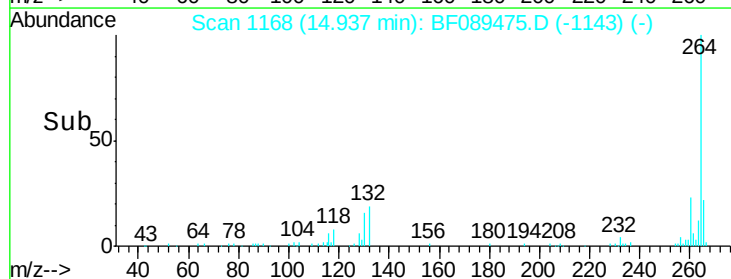
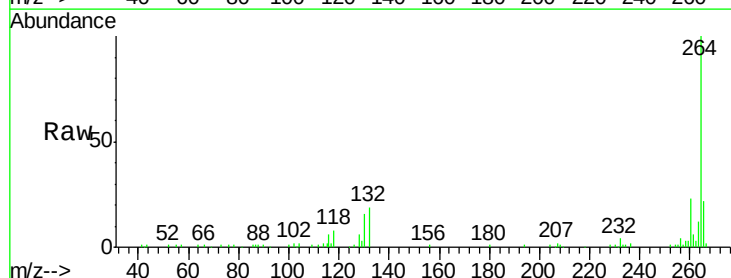
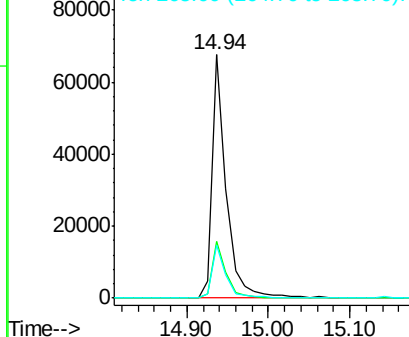
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

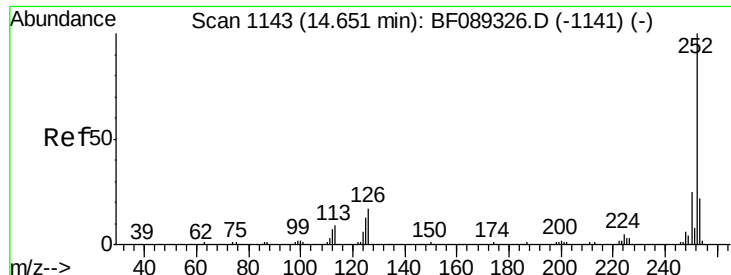


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.9	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.05 ng m
 RT: 14.61 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-5

Tot Ion:	252	Resp:	10386
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	12.8	9.7	14.5

Manual Integrations
 APPROVED

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