

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096110.D
 Acq On : 22 Jun 2017 6:57
 Operator : SJ/MA
 Sample : I3747-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02

Manual Integrations
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Quant Time: Jun 22 07:43:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	76046	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	334679	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	113966	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	178281	20.00	ng	0.00
75) Chrysene-d12	18.27	240	153071	20.00	ng	0.00
86) Perylene-d12	19.94	264	102241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	553719	116.03	ng	0.00
7) Phenol-d6	6.87	99	712560	124.72	ng	0.00
23) Nitrobenzene-d5	8.22	82	389145	72.21	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	90332	89.59	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	548639	66.99	ng	0.00
78) Terphenyl-d14	16.92	244	334910	54.30	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.64	79	48343	12.33	ng	98
17) 2-Methylphenol	7.92	107	17086	4.01	ng	88
20) 3+4-Methylphenols	8.23	107	16823m	3.11	ng	
27) 2,4-Dimethylphenol	8.99	122	14242	3.04	ng	98
49) Dimethylphthalate	11.80	163	381217	44.06	ng	99
74) Fluoranthene	16.37	202	26622	2.61	ng	98
77) Pyrene	16.67	202	25232	2.21	ng	# 93

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

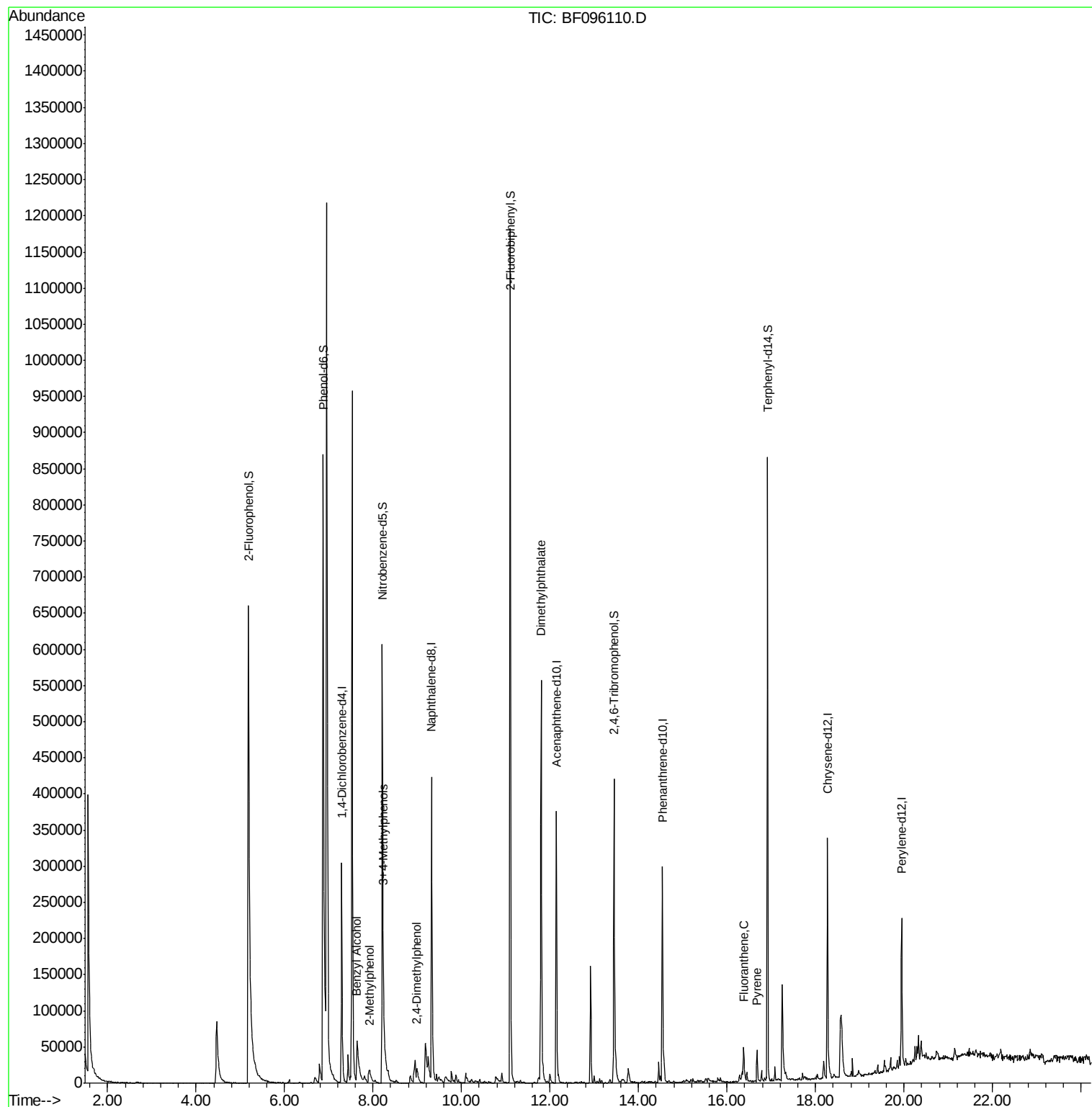
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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Instrument :
BNA_F
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QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

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#1

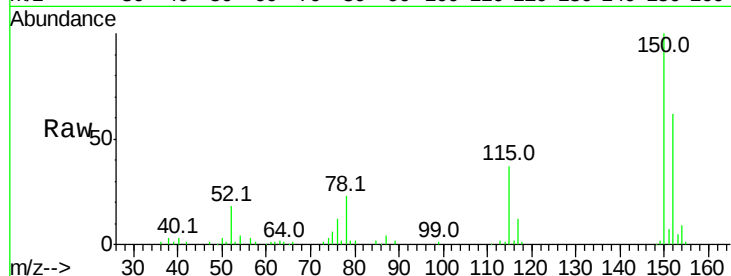
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	58.9	52.2	78.2

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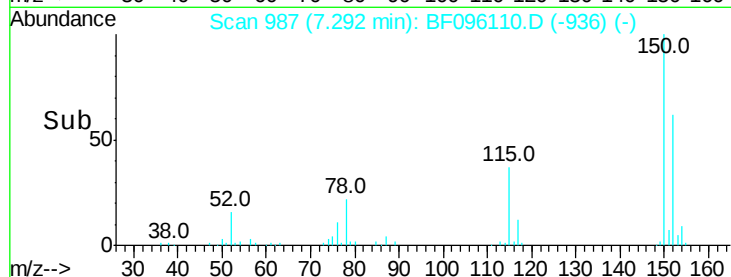
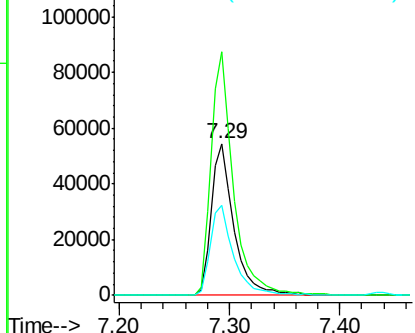


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

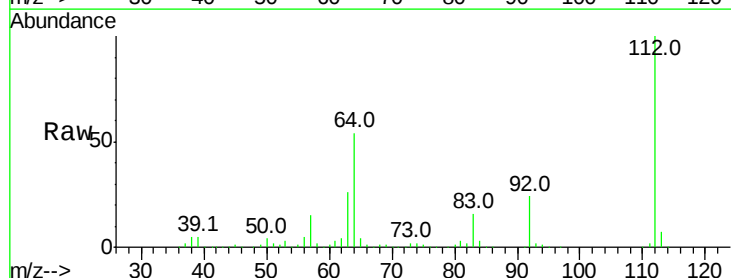
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.03 ng
RT: 5.19 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	25.9	23.4	35.0

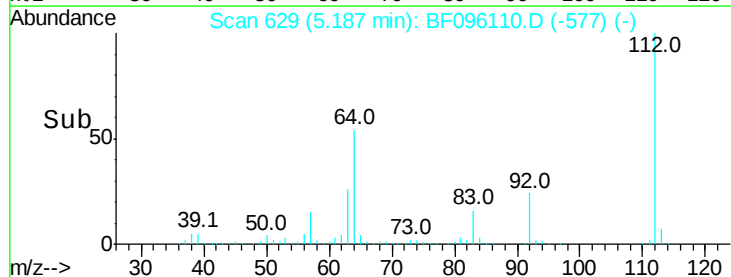
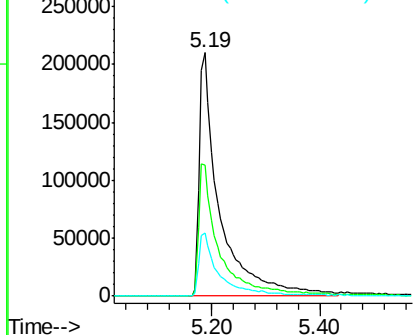


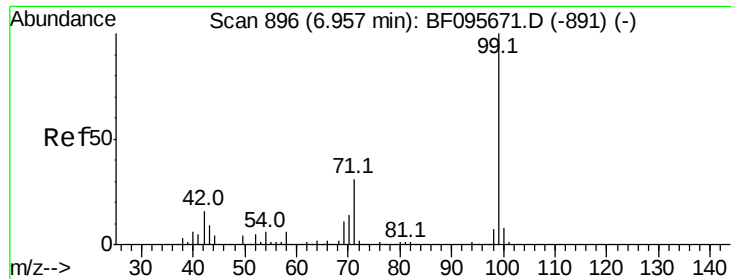
Abundance

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: 124.72 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096110.D

Acq: 22 Jun 2017 6:57

Instrument :

BNA_F

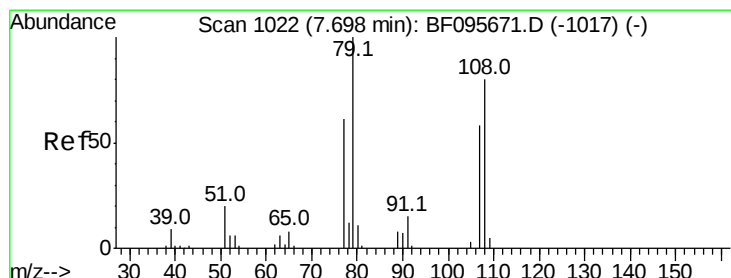
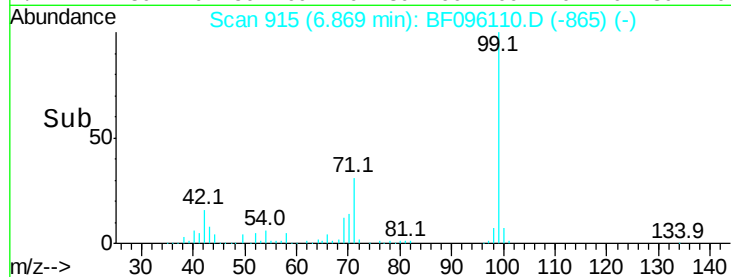
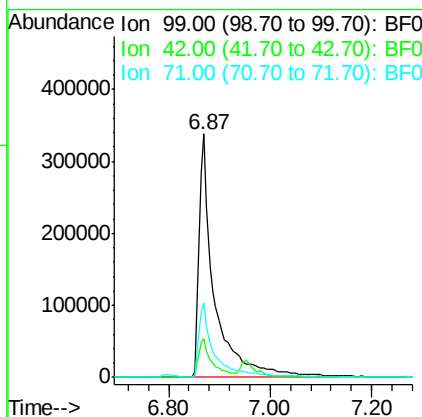
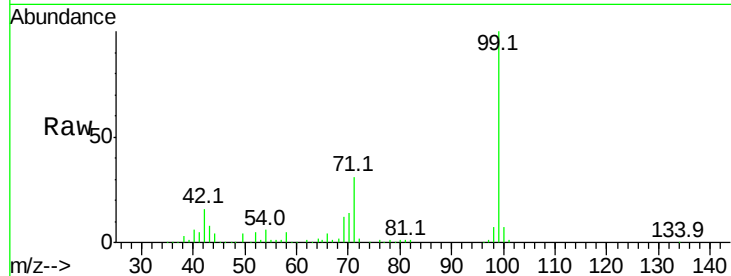
ClientSampleId :

E2-R9-BASE-02

Tot Ion:	99	Resp:	712560
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	30.8	24.5	36.7

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#15

Benzyl Alcohol

Concen: 12.33 ng

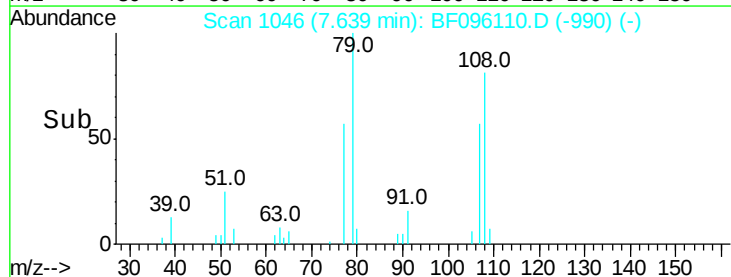
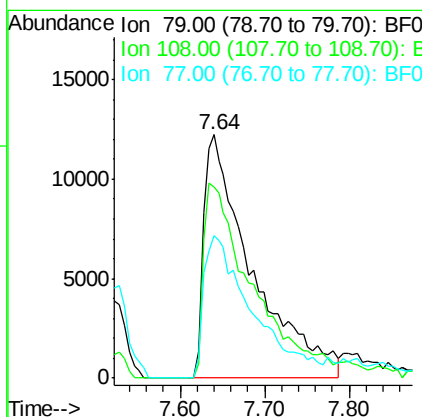
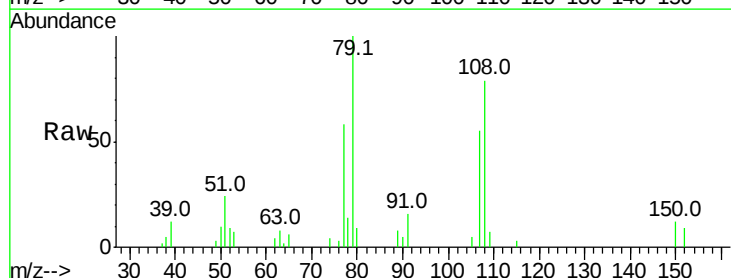
RT: 7.64 min Scan# 1046

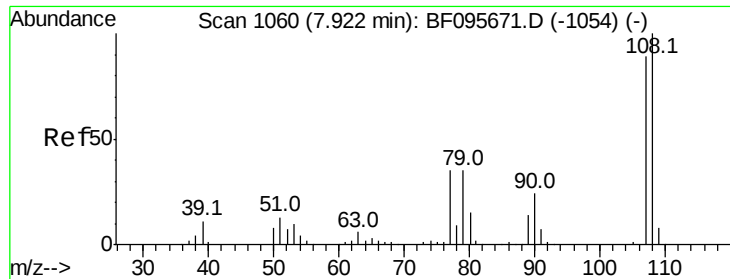
Delta R.T. 0.03 min

Lab File: BF096110.D

Acq: 22 Jun 2017 6:57

Tgt Ion:	79	Resp:	48343
Ion Ratio	Lower	Upper	
79	100		
108	78.7	63.4	95.0
77	58.4	49.2	73.8





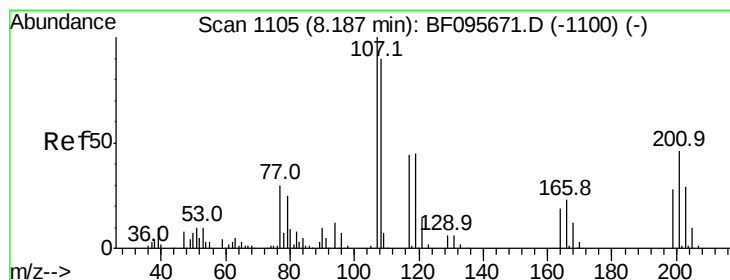
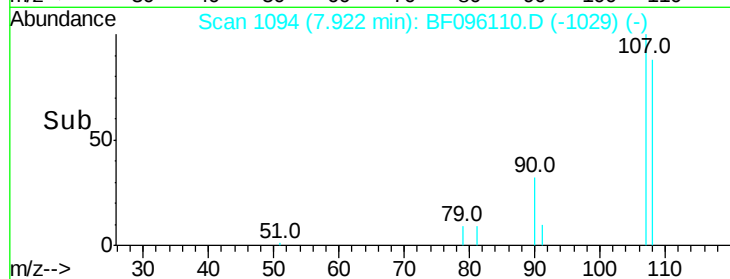
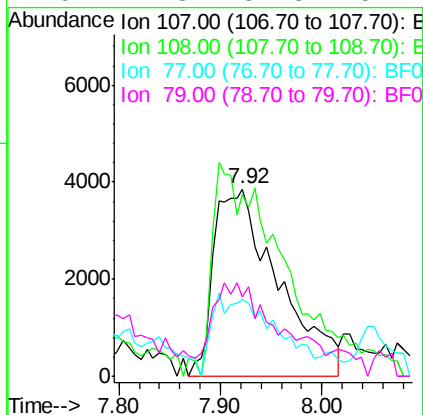
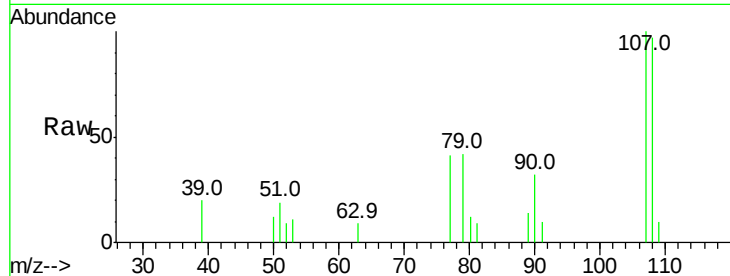
#17
2-Methylphenol
Concen: 4.01 ng
RT: 7.92 min Scan# 1094
Delta R.T. 0.08 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	97.1	93.4	140.0
77	41.4	35.8	53.6
79	42.3	34.8	52.2

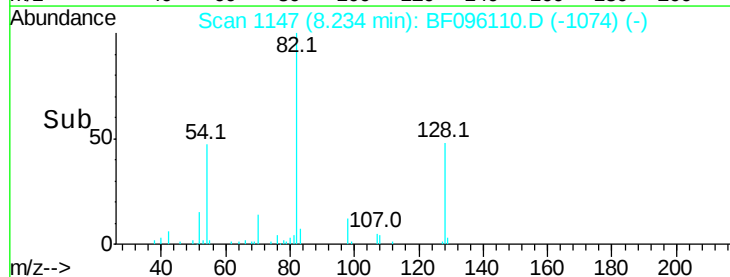
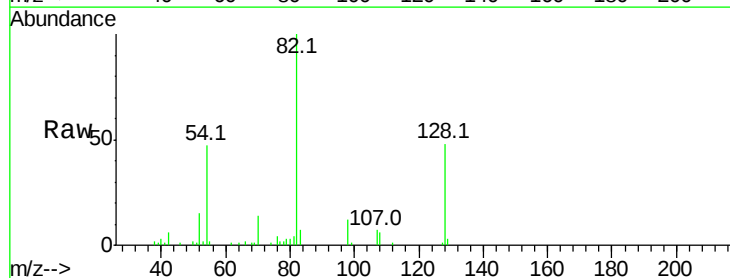
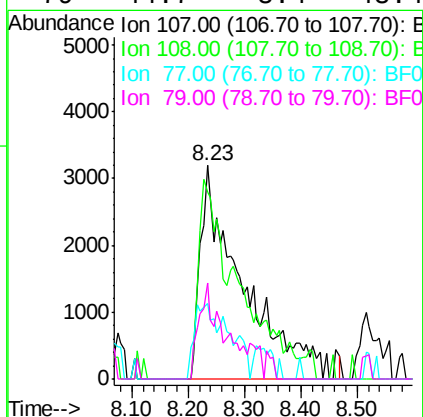
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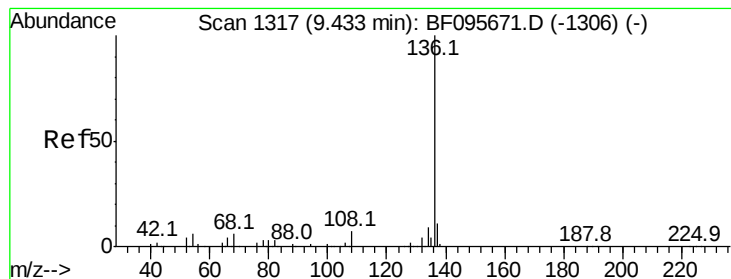
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#20
3+4-Methylphenols
Concen: 3.11 ng m
RT: 8.23 min Scan# 1147
Delta R.T. 0.13 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.3	71.0	111.0
77	35.6	90.5	130.5#
79	44.7	8.4	48.4





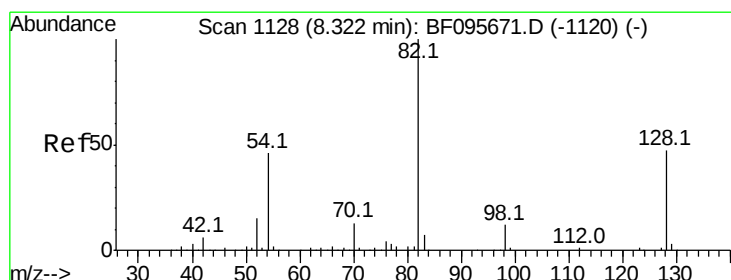
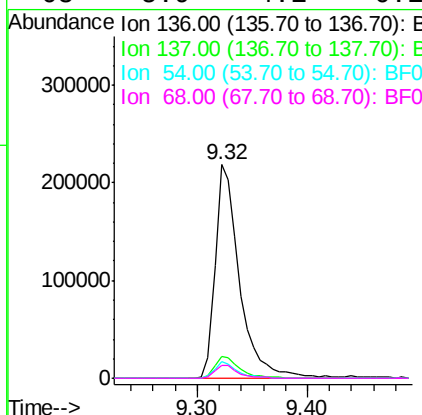
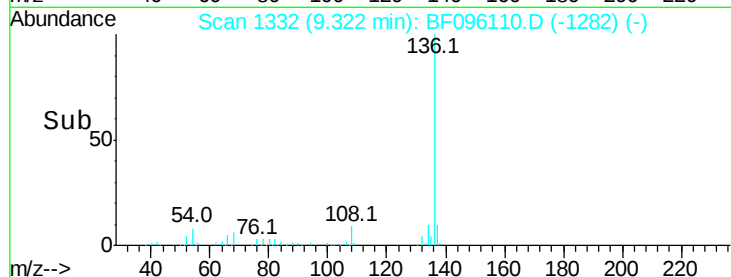
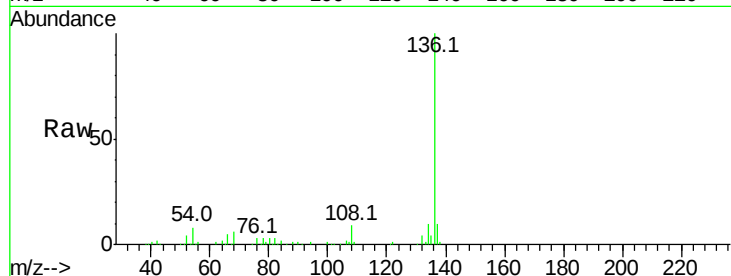
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.5	12.7	
54	7.8	4.9	7.3	
68	5.9	4.1	6.1	

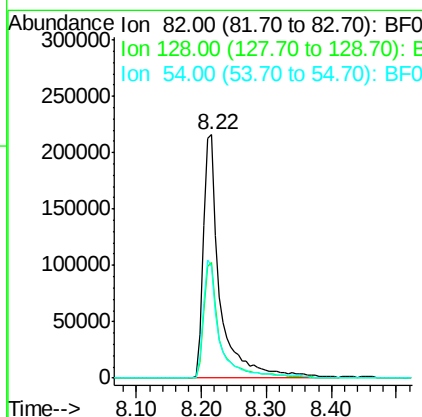
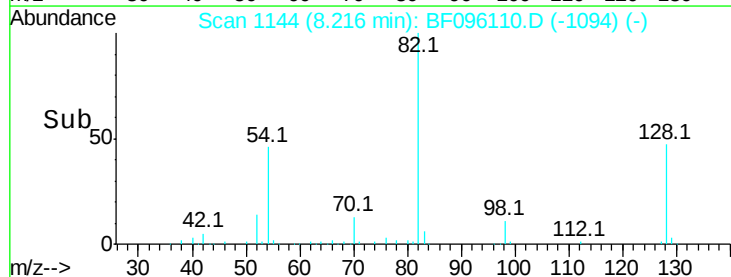
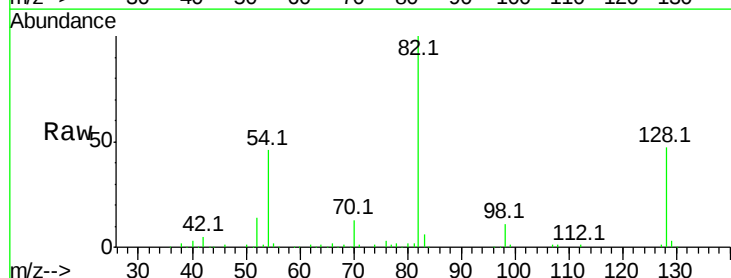
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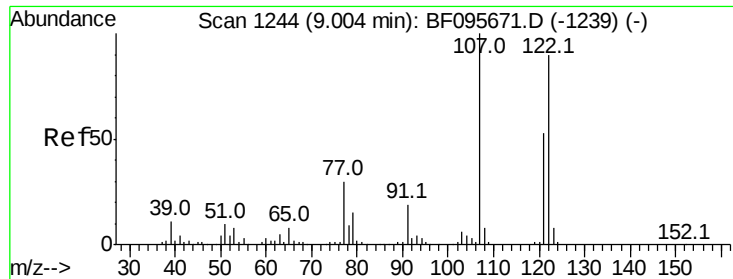
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#23
Nitrobenzene-d5
Concen: 72.21 ng
RT: 8.22 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	34.0	51.0	
54	46.0	42.2	63.2	





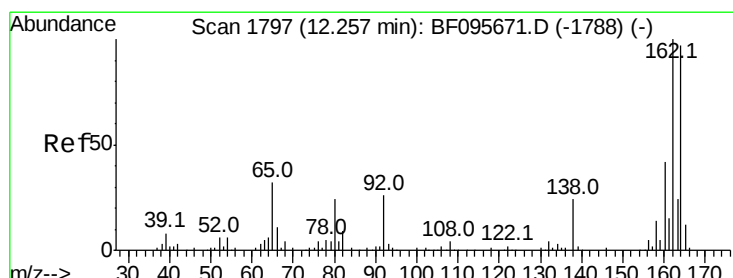
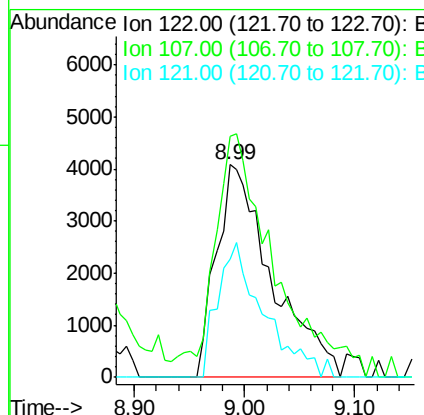
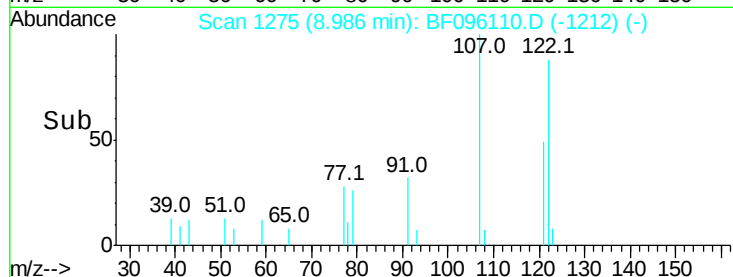
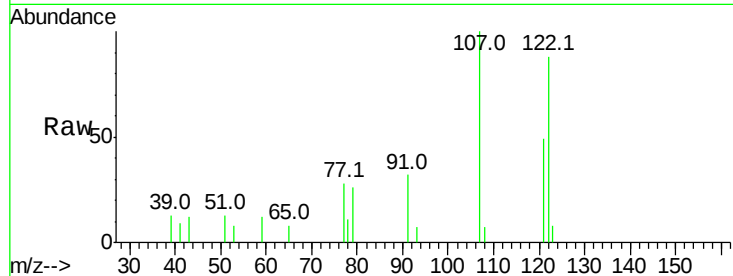
#27
2,4-Dimethylphenol
Concen: 3.04 ng
RT: 8.99 min Scan# 1275
Delta R.T. 0.07 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.2	133.8
121	55.5	45.2	67.8

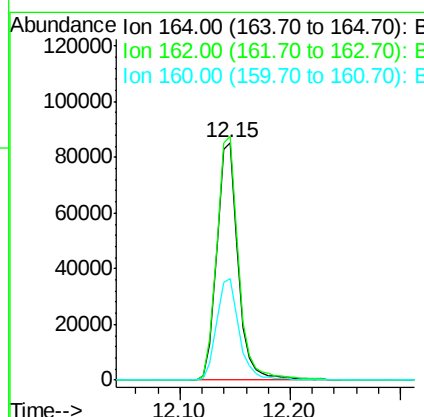
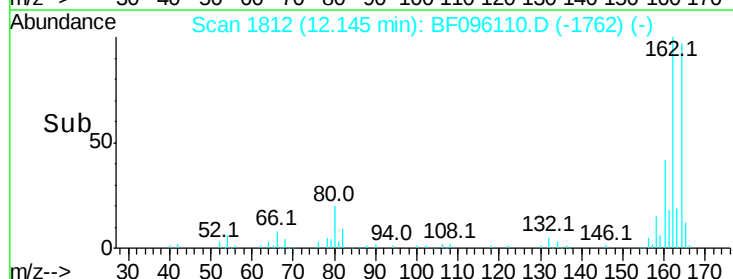
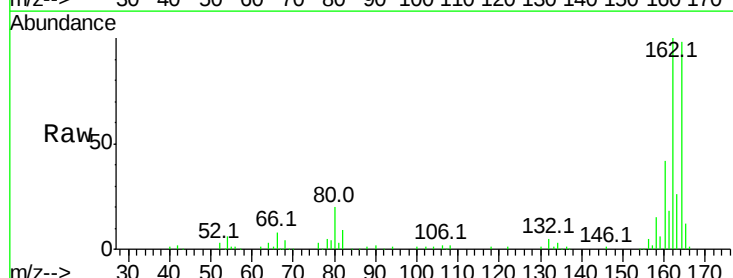
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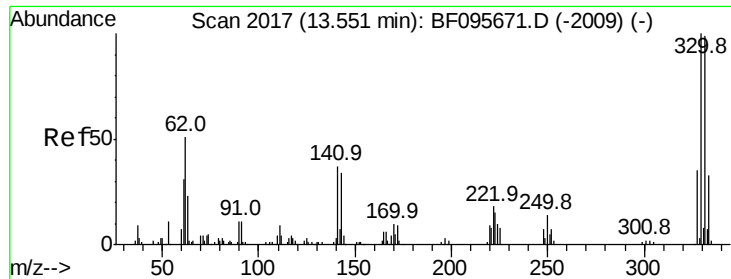
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	42.9	36.2	54.2





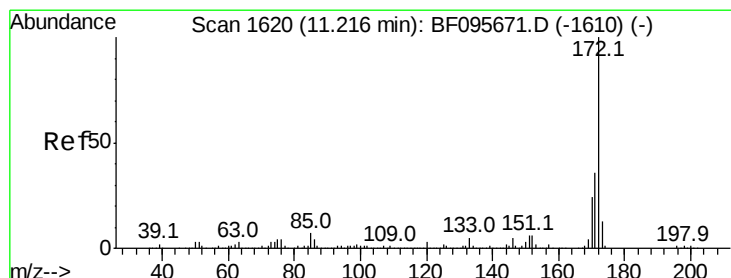
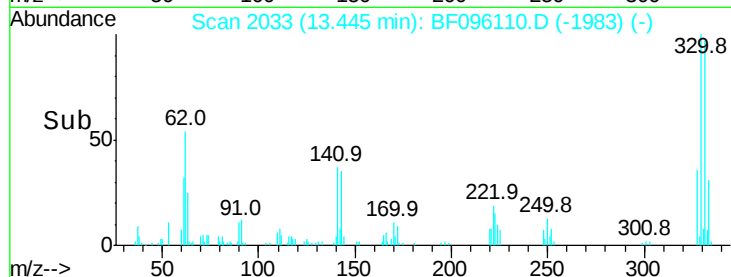
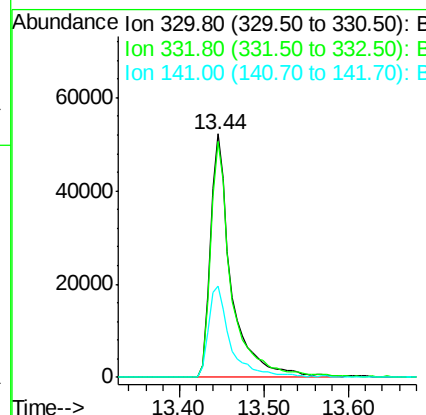
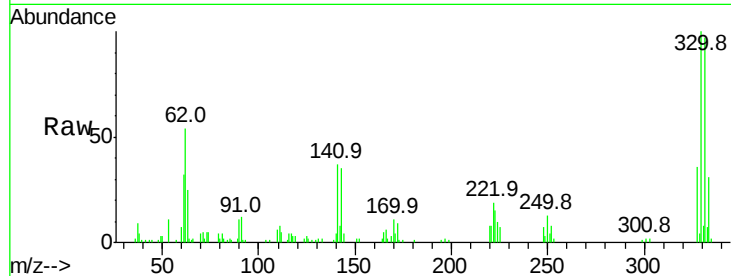
#41
 2,4,6-Tribromophenol
 Concen: 89.59 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096110.D
 Acq: 22 Jun 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6		76.6	115.0
141	38.9		31.4	47.2

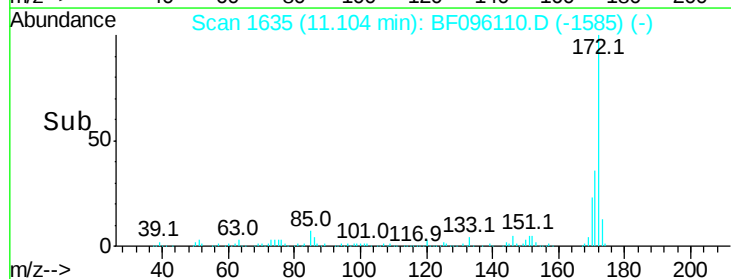
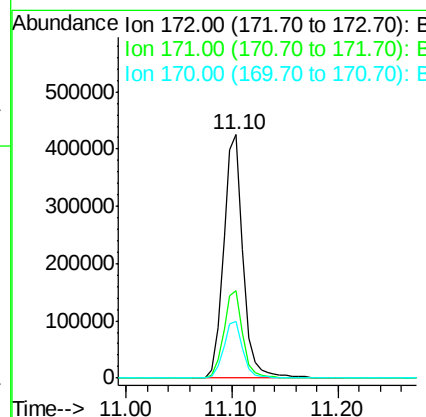
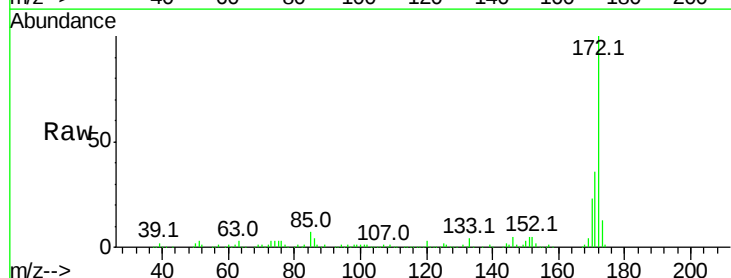
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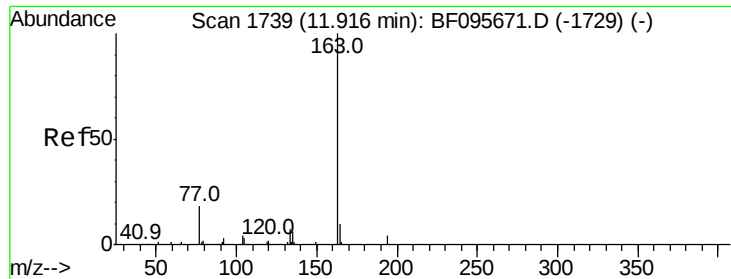
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#44
 2-Fluorobiphenyl
 Concen: 66.99 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096110.D
 Acq: 22 Jun 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7		29.6	44.4
170	23.1		19.8	29.8





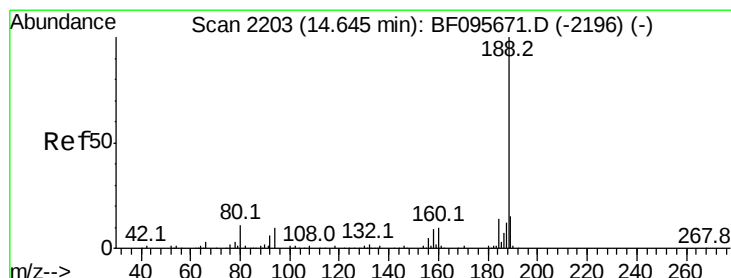
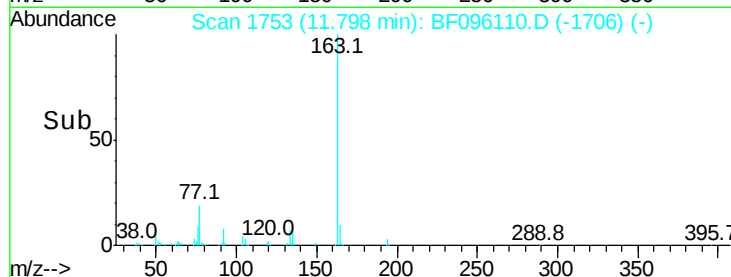
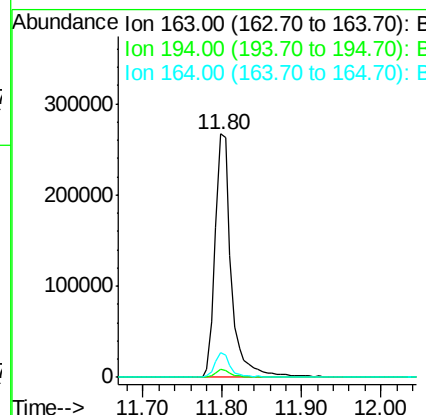
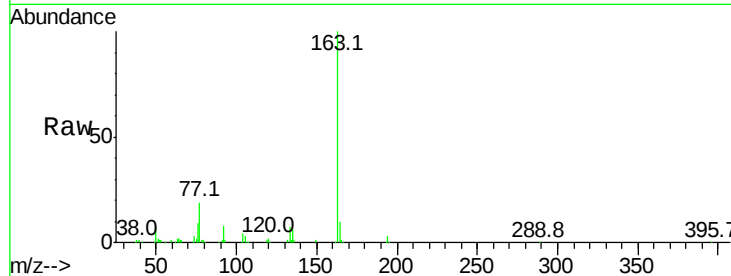
#49
Dimethylphthalate
Concen: 44.06 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	9.9	8.4	12.6	

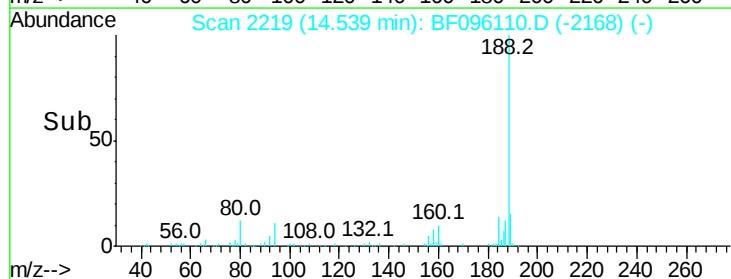
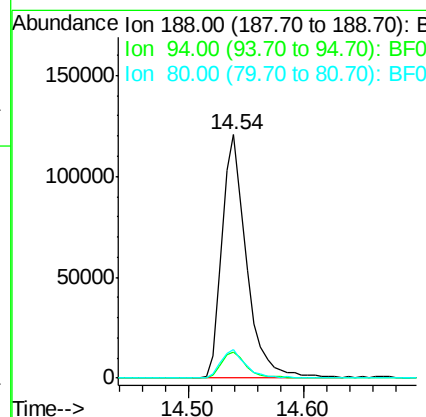
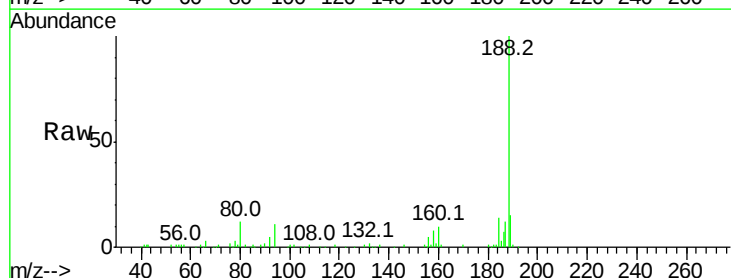
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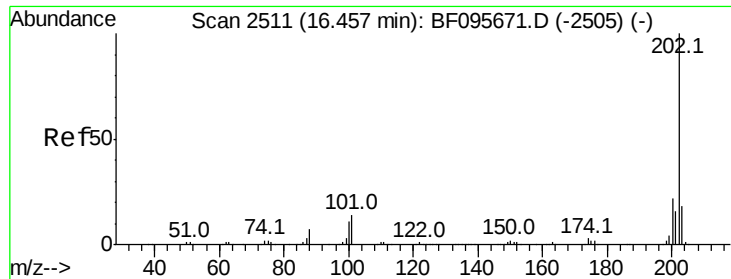
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	11.7	10.2	15.2	





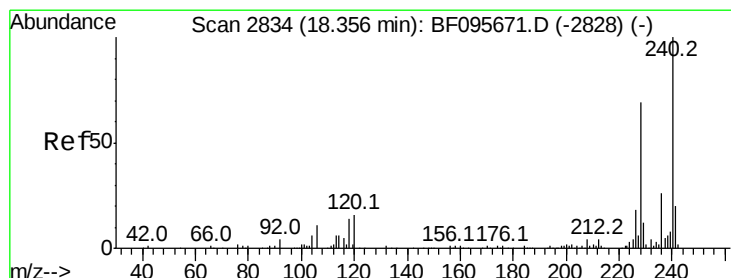
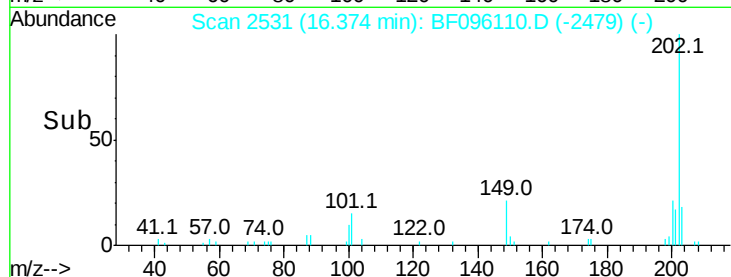
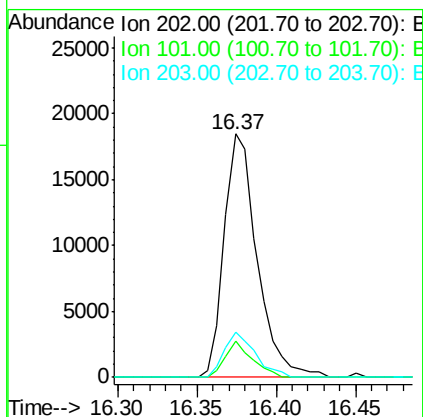
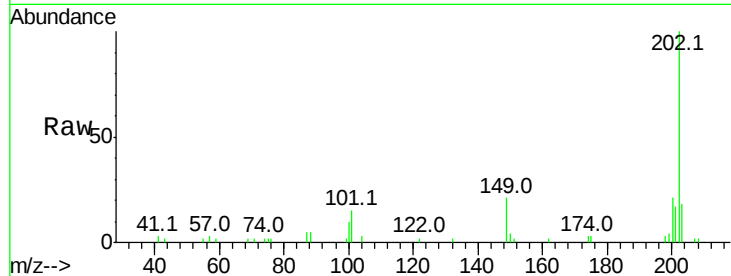
#74
 Fluoranthene
 Concen: 2.61 ng
 RT: 16.37 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF096110.D
 Acq: 22 Jun 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.9	0.0	33.2
203	18.4	0.0	38.1

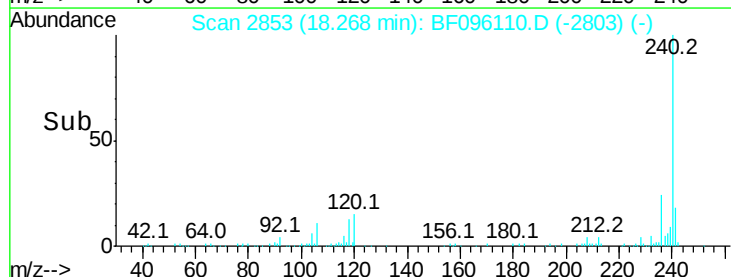
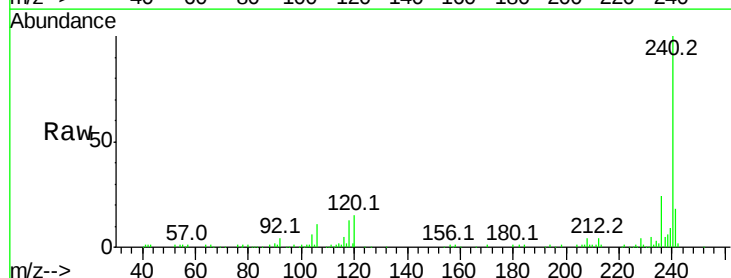
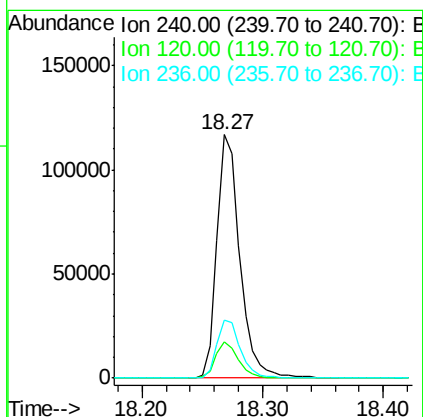
Manual Integrations
 APPROVED

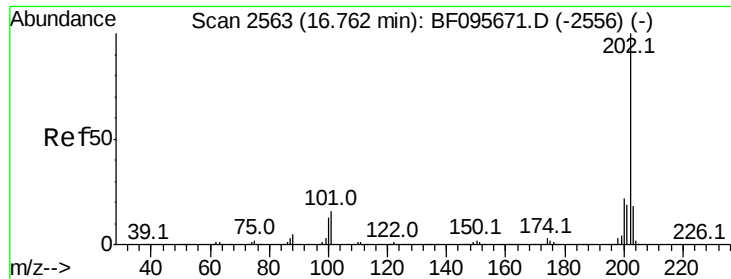
mohammad
 6/22/2017 6:03:04 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096110.D
 Acq: 22 Jun 2017 6:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	23.6	20.5	30.7





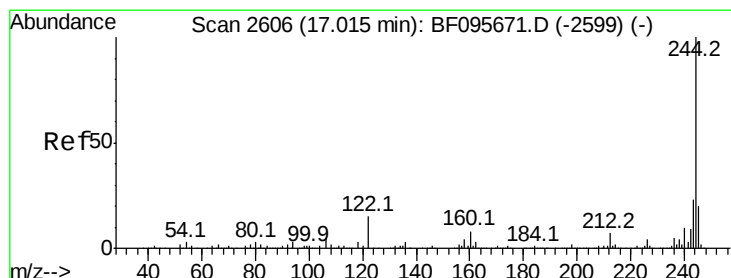
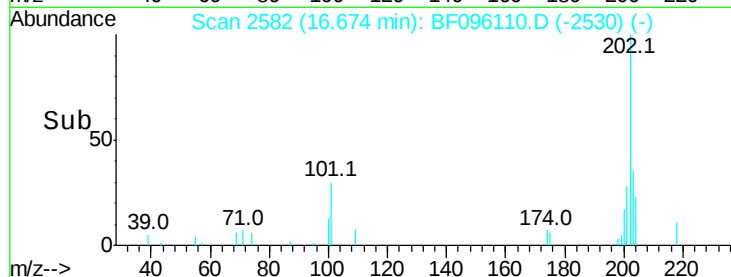
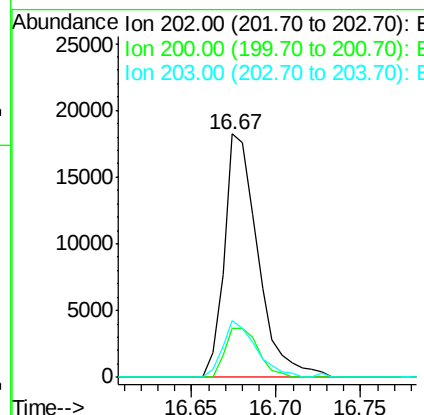
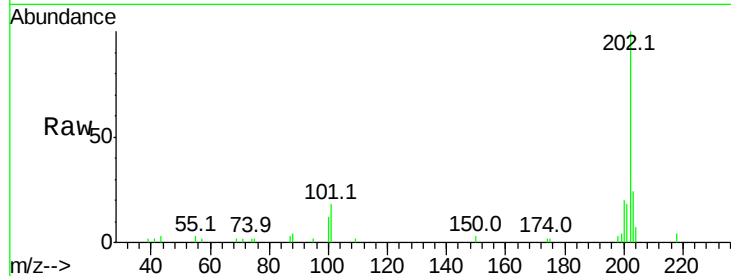
#77
Pvrene
Concen: 2.21 ng
RT: 16.67 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.6	26.4
203	23.6	14.4	21.6

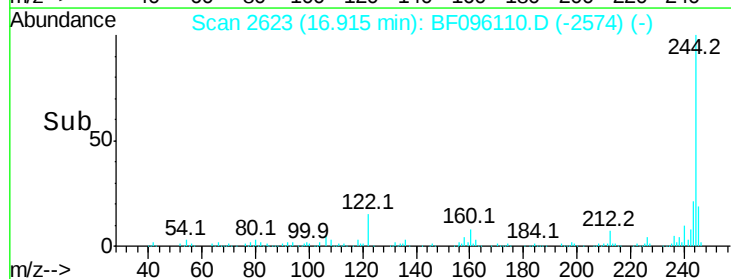
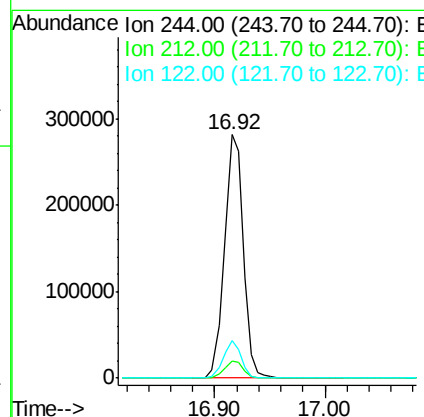
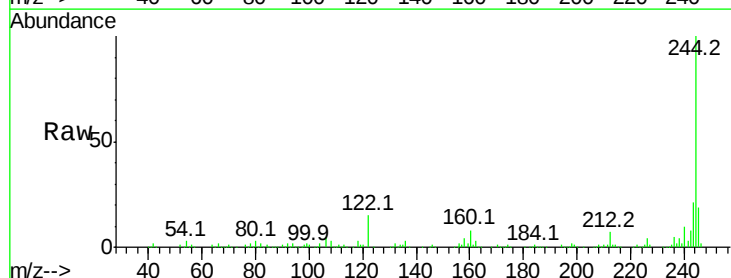
Manual Integrations
APPROVED

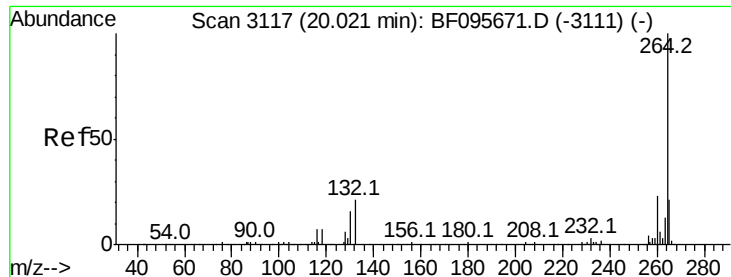
mohammad
6/22/2017 6:03:04 PM



#78
Terphenyl-d14
Concen: 54.30 ng
RT: 16.92 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.3	10.3	15.5





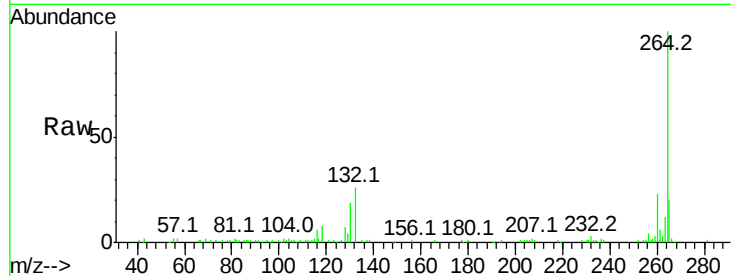
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096110.D
Acq: 22 Jun 2017 6:57

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02

Tot Ion:	264	Resp:	102241
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	20.4	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/22/2017 6:03:04 PM



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

