

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094670.D
 Acq On : 27 Apr 2017 18:19
 Operator : SJ/MA
 Sample : I2855-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-2

Manual Integrations
 APPROVED

mohammad
 4/28/2017 3:00:40 PM

Quant Time: Apr 28 04:43:48 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	5.78	152	119361	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	478168	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	154157	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	378937	20.00	ng	0.00
75) Chrysene-d12	14.47	240	240685	20.00	ng	0.00
86) Perylene-d12	16.09	264	27585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	895280	124.44	ng	0.04
7) Phenol-d6	5.40	99	837359	98.73	ng	0.00
23) Nitrobenzene-d5	6.42	82	732834	94.63	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	263855	218.82	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1368814	130.65	ng	0.00
78) Terphenyl-d14	13.20	244	1053499	117.00	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	5.97	146	18483	2.20	ng	Qvalue 95
20) 3+4-Methylphenols	6.28	107	24706	2.82	ng	# 54
32) Benzoic acid	7.08	122	96093m	25.54	ng	

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

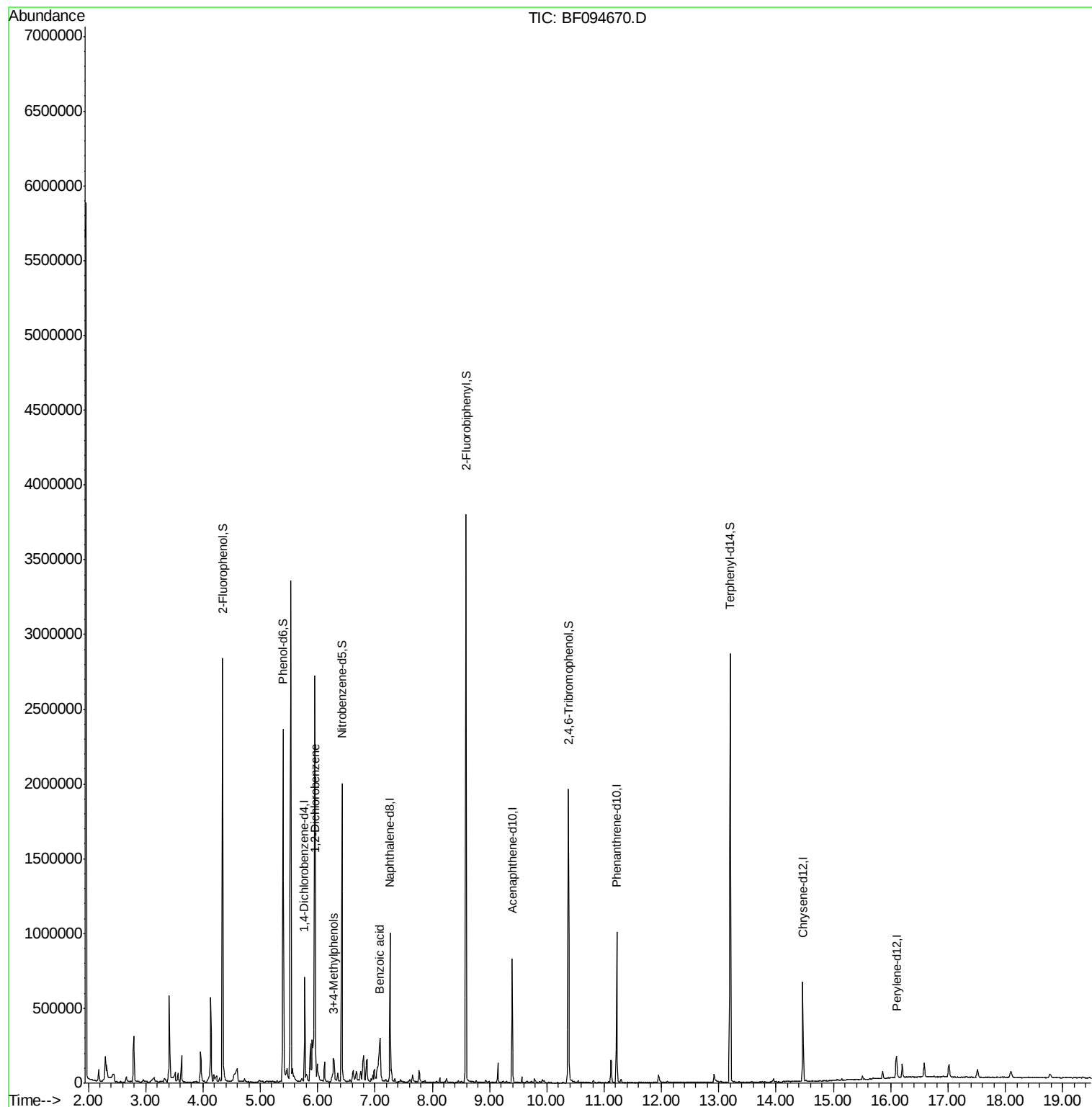
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094670.D
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ALS Vial : 7 Sample Multiplier: 1

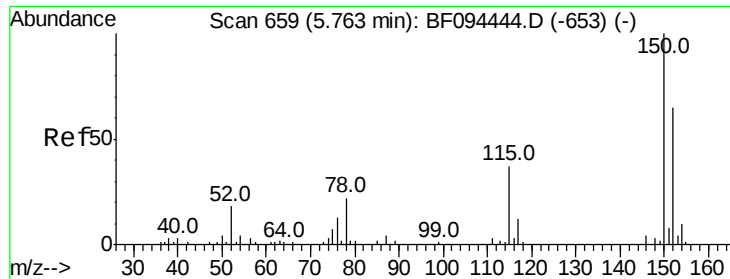
Instrument :
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OWS-2

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#1

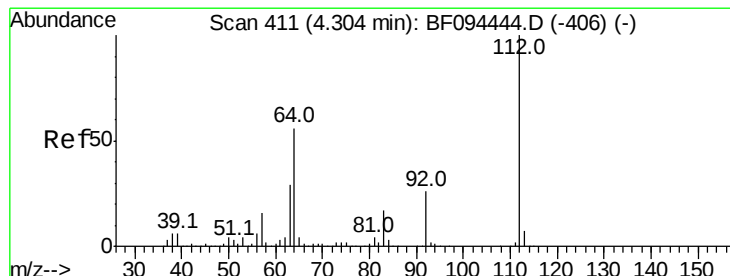
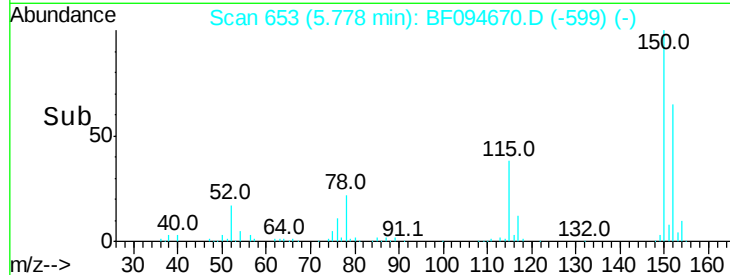
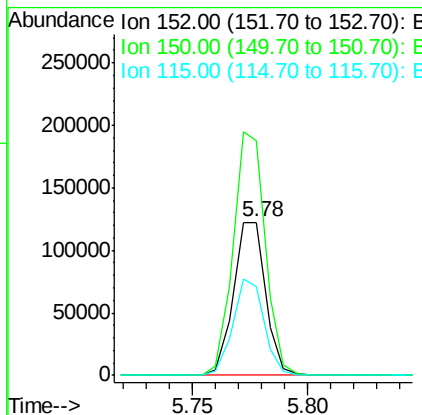
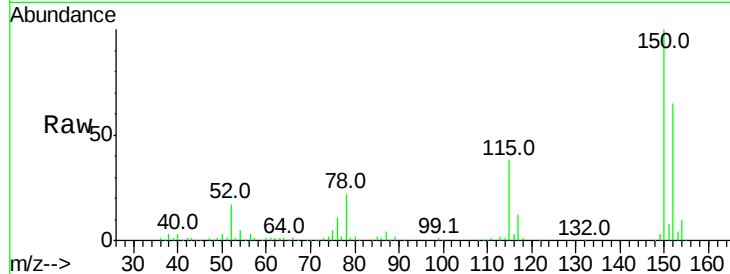
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Instrument :
BNA_F
ClientSampled :
OWS-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.2	189.2
115	58.2	52.2	78.2

Manual Integrations
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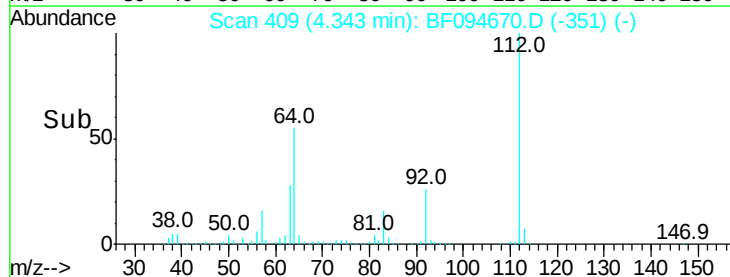
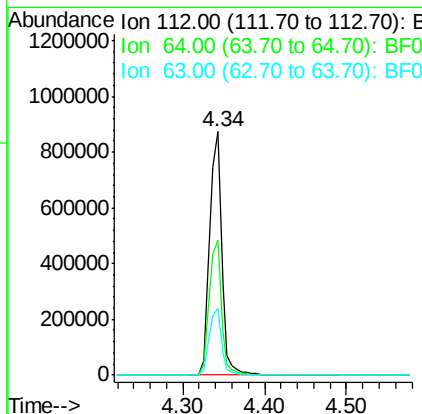
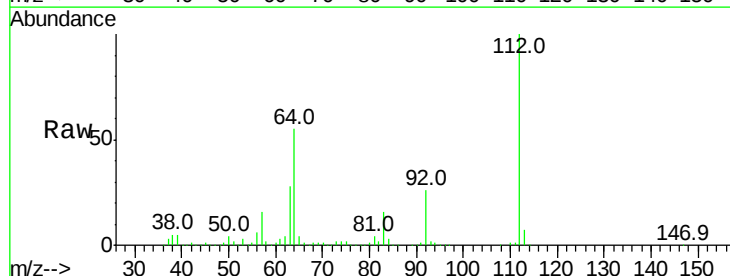
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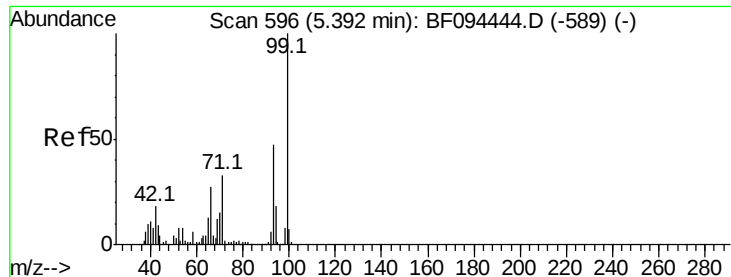


#5

2-Fluorophenol
Concen: 124.44 ng
RT: 4.34 min Scan# 409
Delta R.T. 0.04 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	27.6	23.4	35.0





#7

Phenol-d6

Concen: 98.73 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

Instrument :

BNA_F

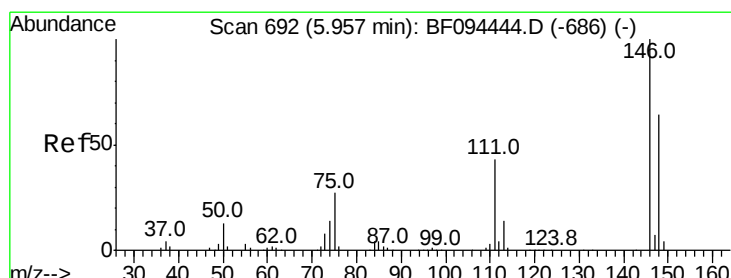
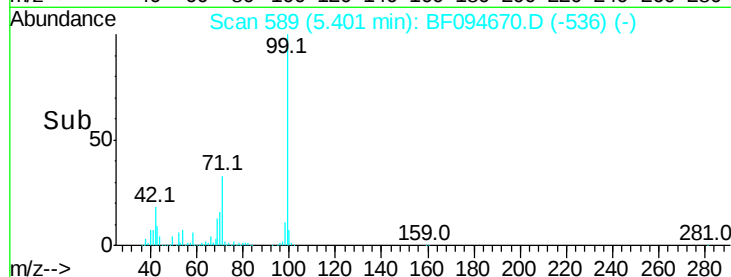
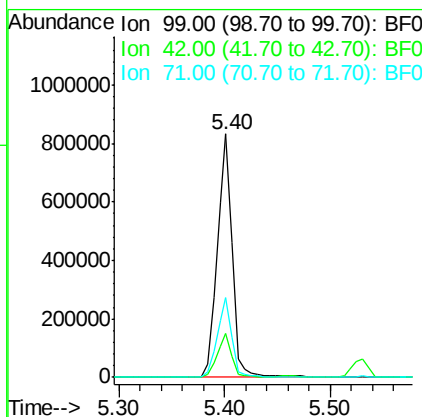
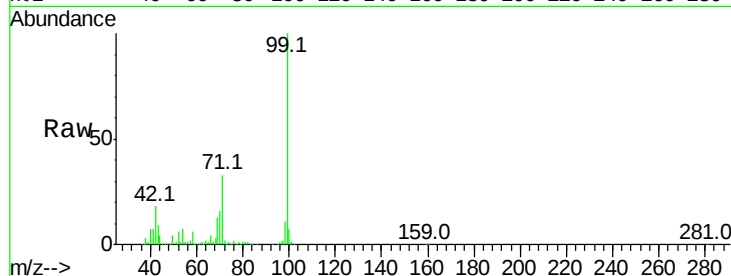
ClientSampled :

OWS-2

Tot Ion:	99	Resp:	837359
Ion Ratio	Lower	Upper	
99	100		
42	18.0	13.5	20.3
71	33.0	24.5	36.7

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#14

1,2-Dichlorobenzene

Concen: 2.20 ng

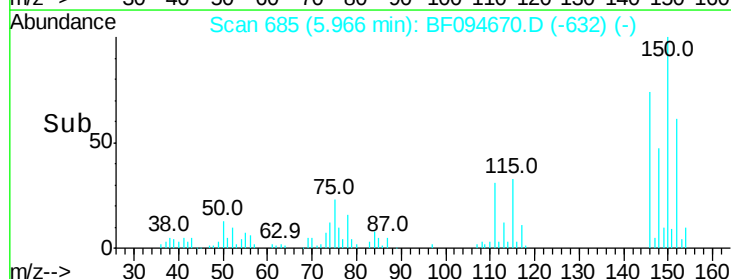
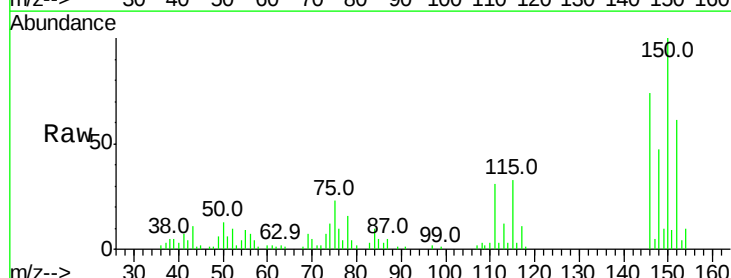
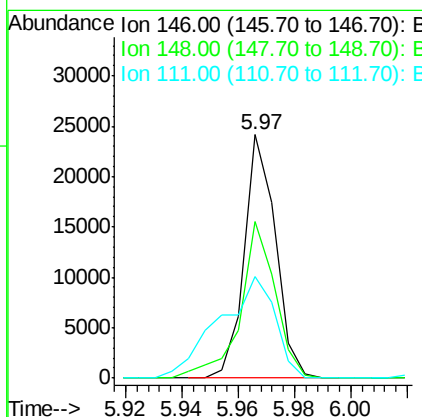
RT: 5.97 min Scan# 685

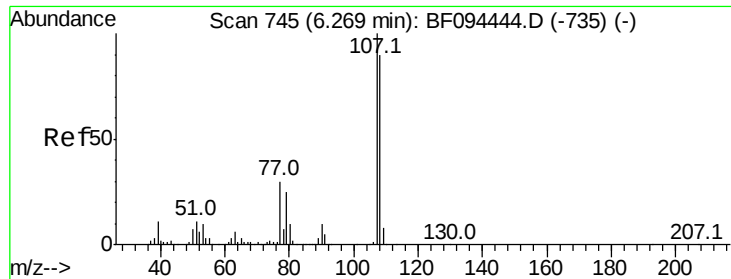
Delta R.T. 0.01 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

Tgt Ion:	146	Resp:	18483
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.4	75.6
111	41.8	38.2	57.4





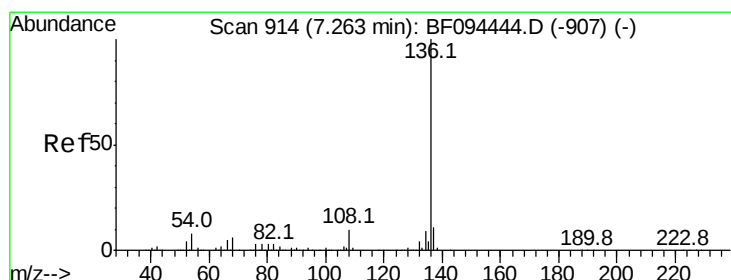
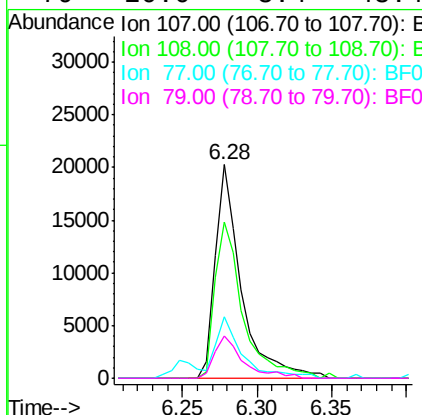
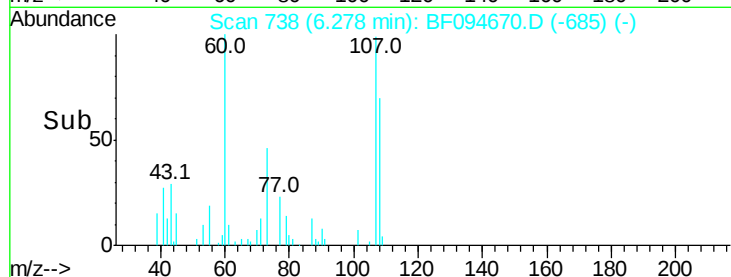
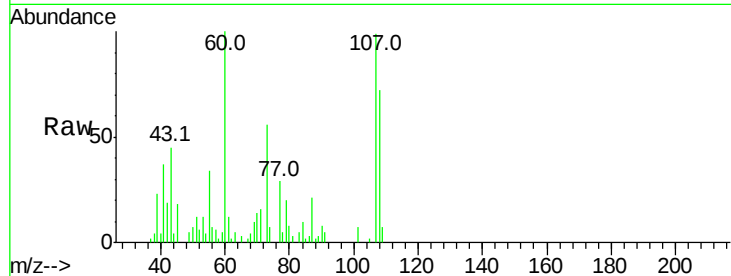
#20
3+4-Methylphenols
Concen: 2.82 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Instrument :
BNA_F
ClientSampleId :
OWS-2

Tot Ion	Ratio	Resp	Lower	Upper
107	100	24706		
108	73.4		71.0	111.0
77	28.9		90.5	130.5#
79	20.0		8.4	48.4

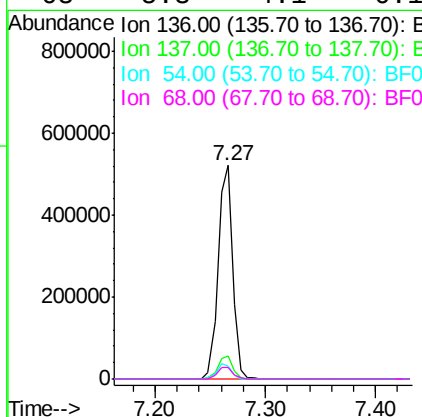
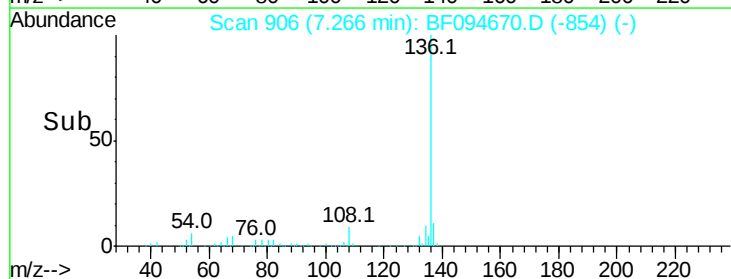
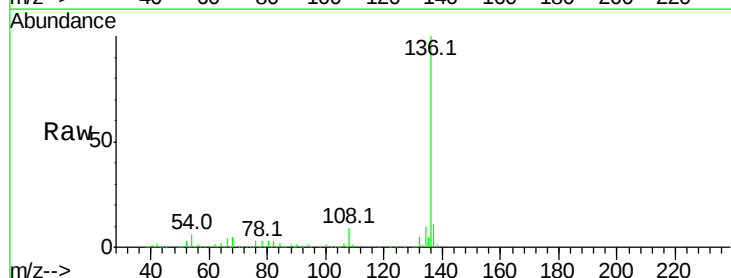
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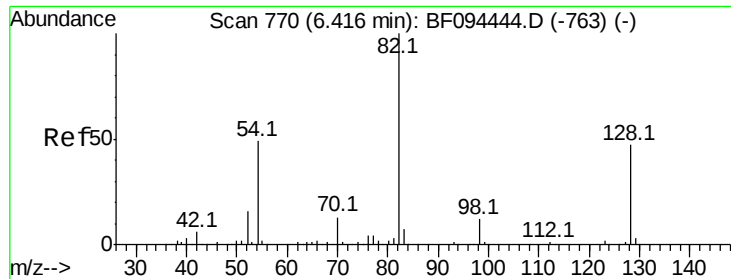
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	478168		
137	10.9		8.5	12.7
54	6.3		4.9	7.3
68	5.3		4.1	6.1





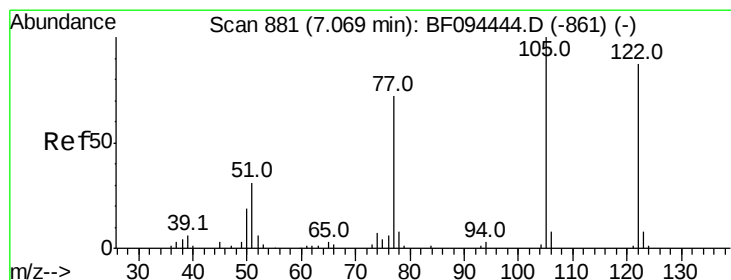
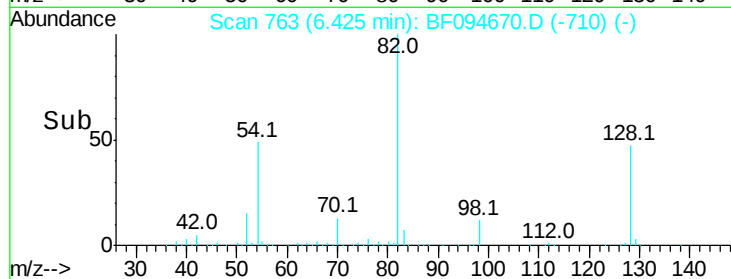
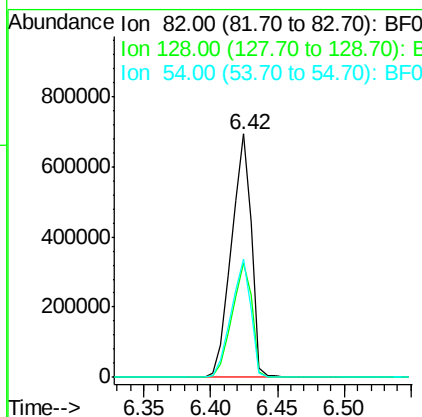
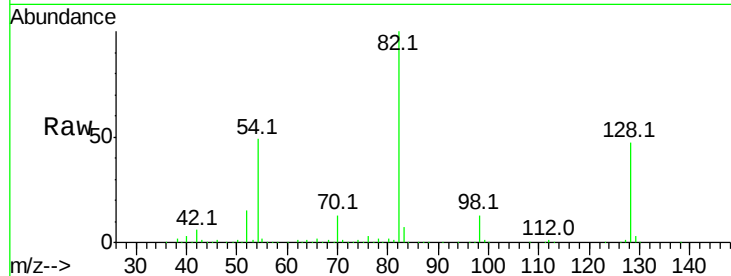
#23
 Nitrobenzene-d5
 Concen: 94.63 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094670.D
 Acq: 27 Apr 2017 18:19

Instrument :
 BNA_F
 ClientSampled :
 OWS-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	34.0	51.0	
54	48.8	42.2	63.2	

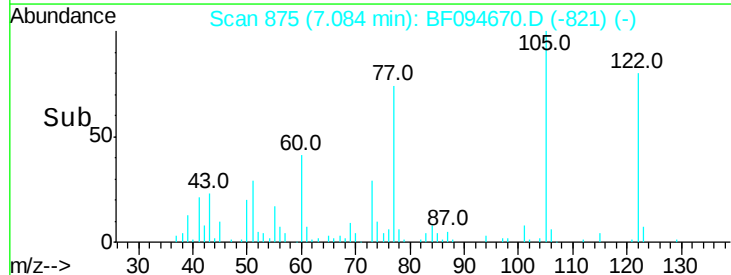
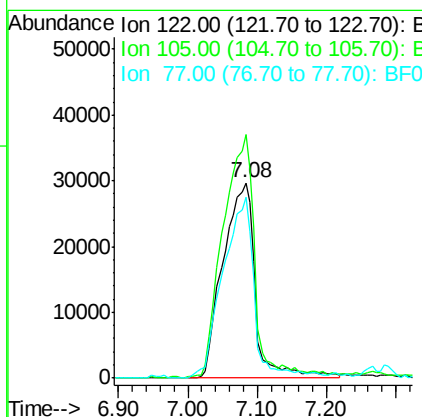
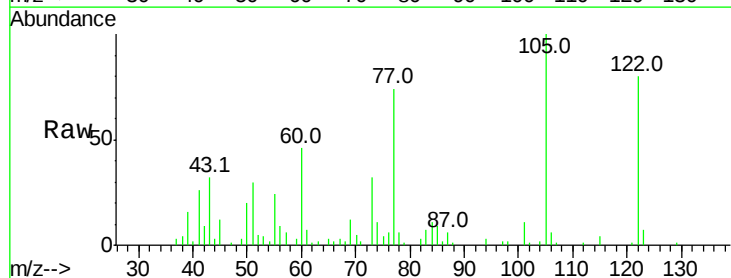
Manual Integrations
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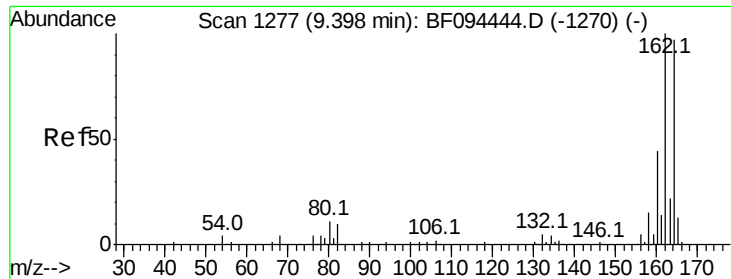
mohammad
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#32
 Benzoic acid
 Concen: 25.54 ng m
 RT: 7.08 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: BF094670.D
 Acq: 27 Apr 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.8	103.3	143.3	
77	92.9	73.7	113.7	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

Instrument :

BNA_F

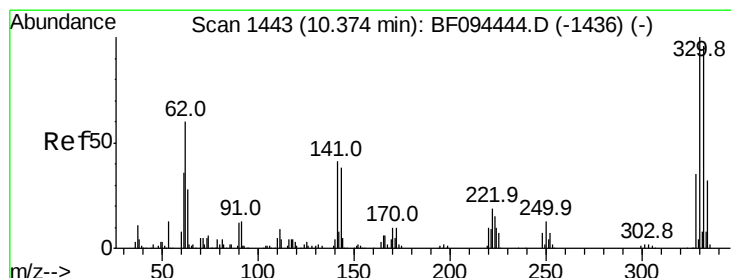
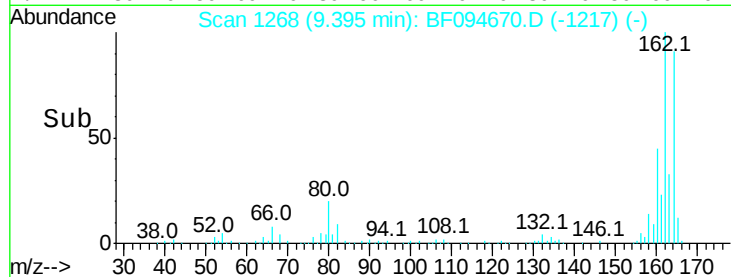
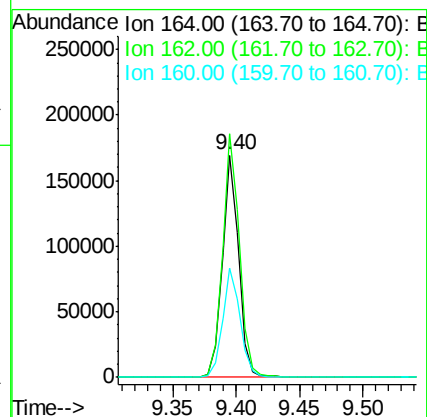
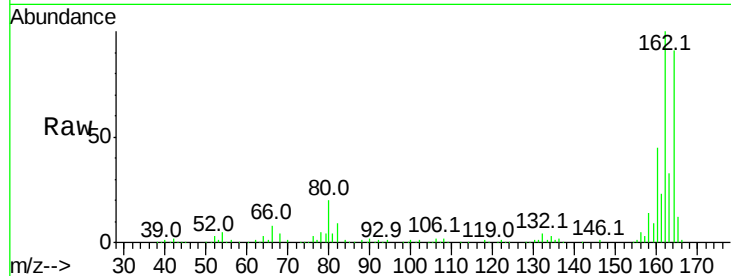
ClientSampleId :

OWS-2

Tot Ion:	164	Resp:	154157
Ion Ratio	Lower	Upper	
164	100		
162	109.7	82.6	123.8
160	49.0	36.2	54.2

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 218.82 ng

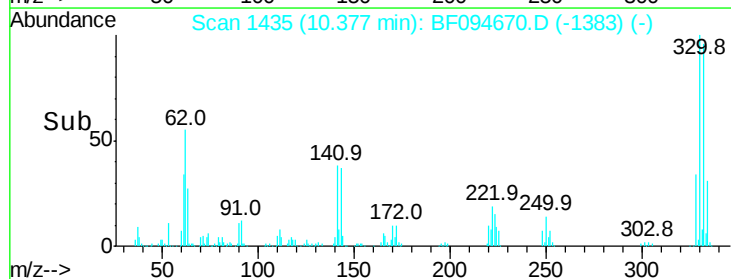
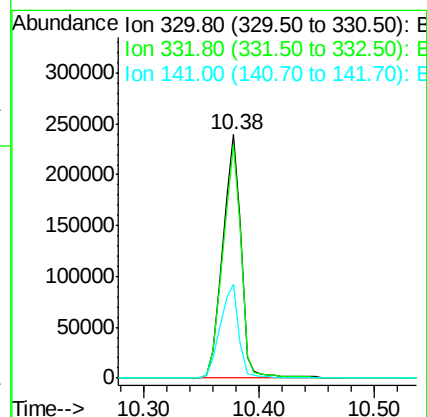
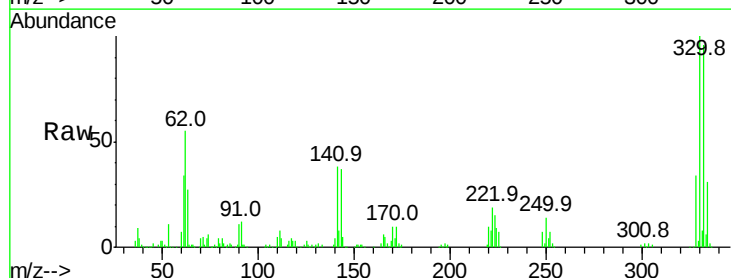
RT: 10.38 min Scan# 1435

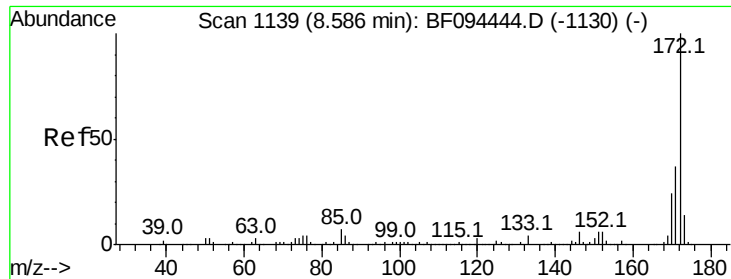
Delta R.T. 0.00 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

Tgt Ion:	330	Resp:	263855
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.6	115.0
141	39.4	31.4	47.2





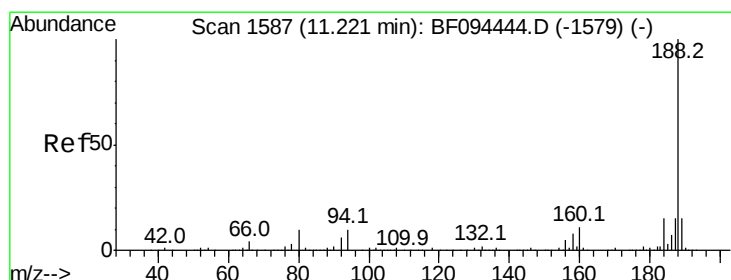
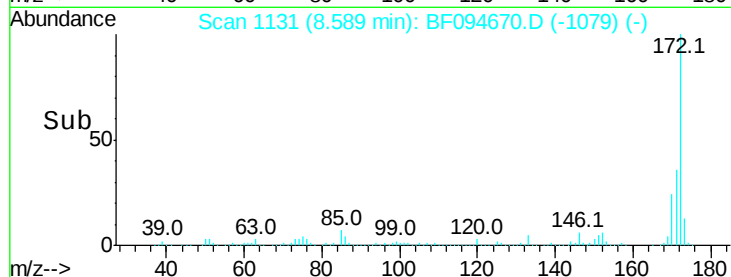
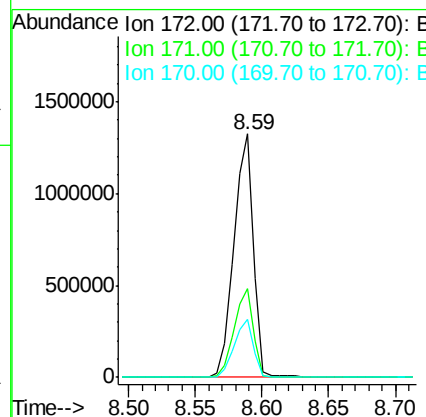
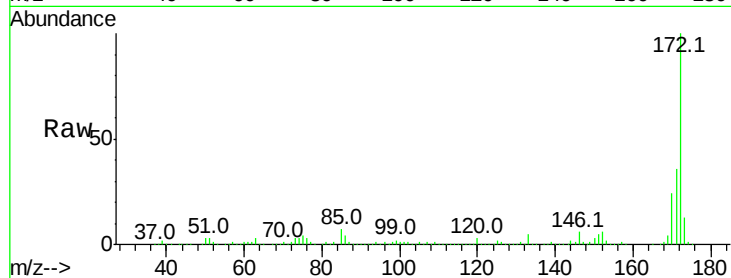
#44
 2-Fluorobiphenyl
 Concen: 130.65 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094670.D
 Acq: 27 Apr 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :
 QWS-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	19.8	29.8

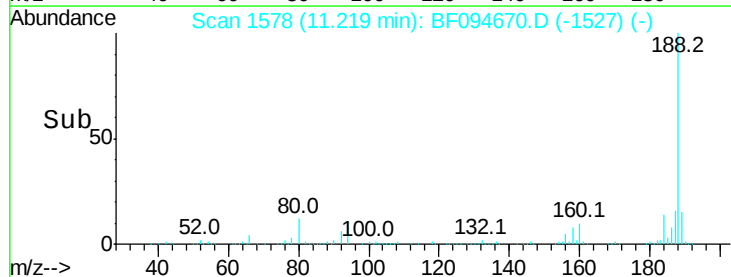
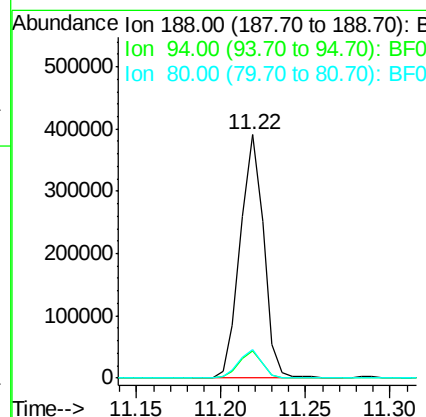
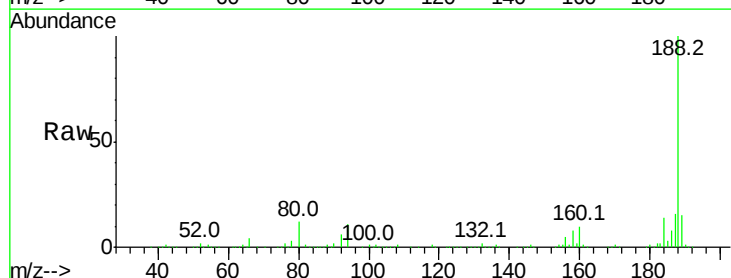
Manual Integrations
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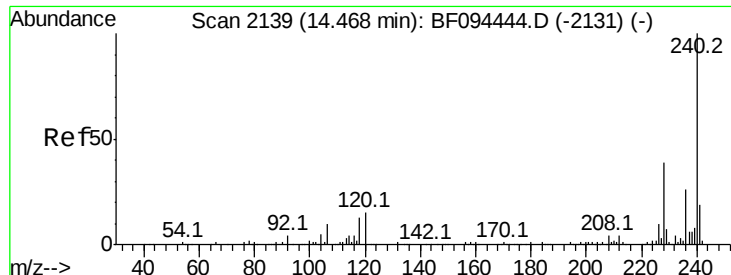
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094670.D
 Acq: 27 Apr 2017 18:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.9	10.2	15.2





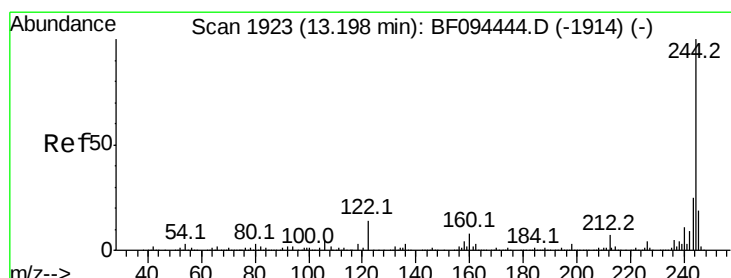
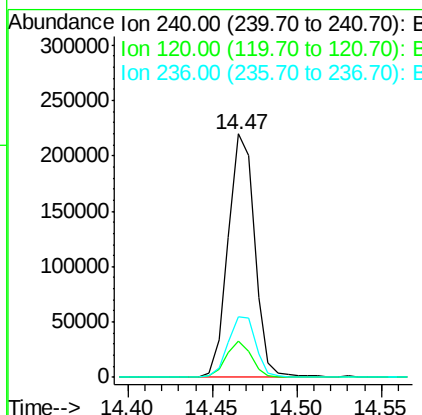
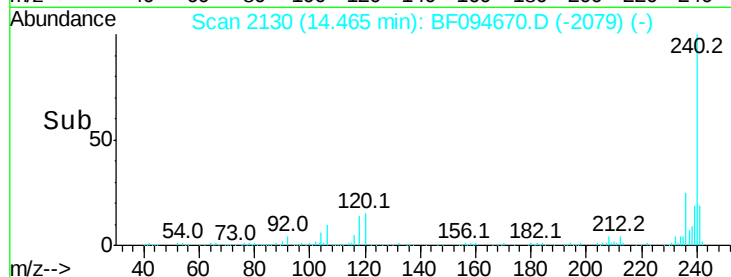
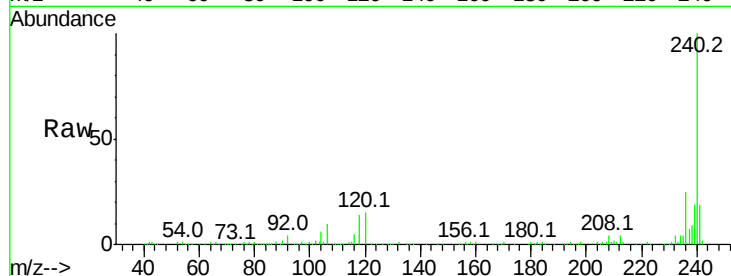
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094670.D
 Acq: 27 Apr 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :
 QWS-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.0	20.5	30.7

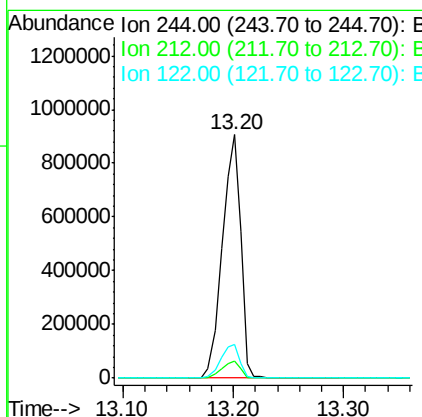
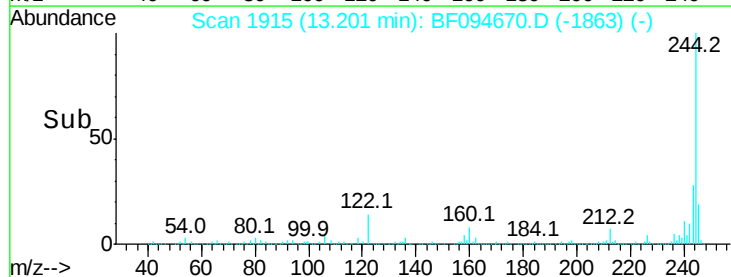
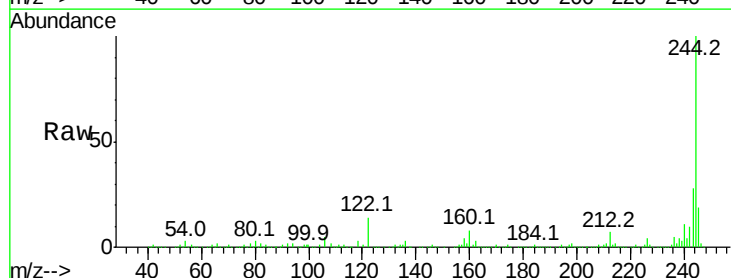
Manual Integrations
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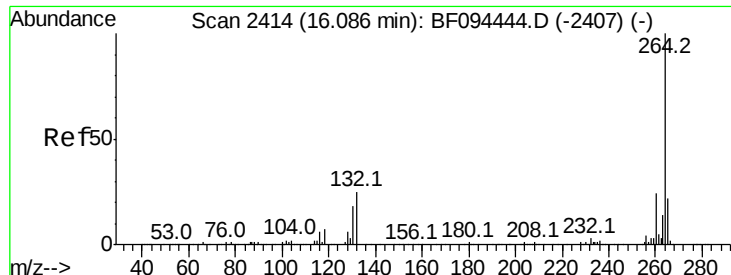
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#78
 Terphenyl-d14
 Concen: 117.00 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF094670.D
 Acq: 27 Apr 2017 18:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5





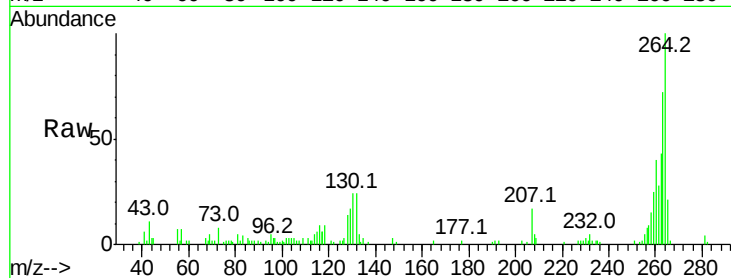
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Instrument :
BNA_F
ClientSampleId :
OWS-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	39.6	19.5	29.3#
265	21.4	17.2	25.8

Manual Integrations
APPROVED

mohammad
4/28/2017 3:00:40 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

