Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101893.D
Acq On : 4 Jan 2018 16:20
Operator : SJ/JU
Sample : J1011-07 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010318

Manual Integrations APPROVED
Sohil
1/5/2018 10:29:28 AM

Quant Time: Jan 04 17:25:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114113	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	443843	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	159858	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	236800	20.00	ng		0.00
75) Chrysene-d12	13.97	240	136611	20.00	ng		0.02
86) Perylene-d12	15.47	264	130505	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	88405m	11.54	ng		0.04
7) Phenol-d6	6.46	99	106961	11.22	ng		0.04
23) Nitrobenzene-d5	7.36	82	64521	8.09	ng		0.02
41) 2,4,6-Tribromophenol	10.62	330	11599	7.53	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	110061	10.68	ng		0.00
78) Terphenyl-d14	12.89	244	63288	11.17	ng		0.00
Target Compounds							Qvalue
74) Fluoranthene	12.53	202	32698	2.366	ng		85
77) Pyrene	12.76	202	41592	4.057	ng	#	93
82) Chrysene	14.00	228	17188	2.018	ng	#	70
83) Bis(2-ethylhexyl)phthalate	13.91	149	25748	4.382	ng	#	80

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

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Manual Integrations APPROVED
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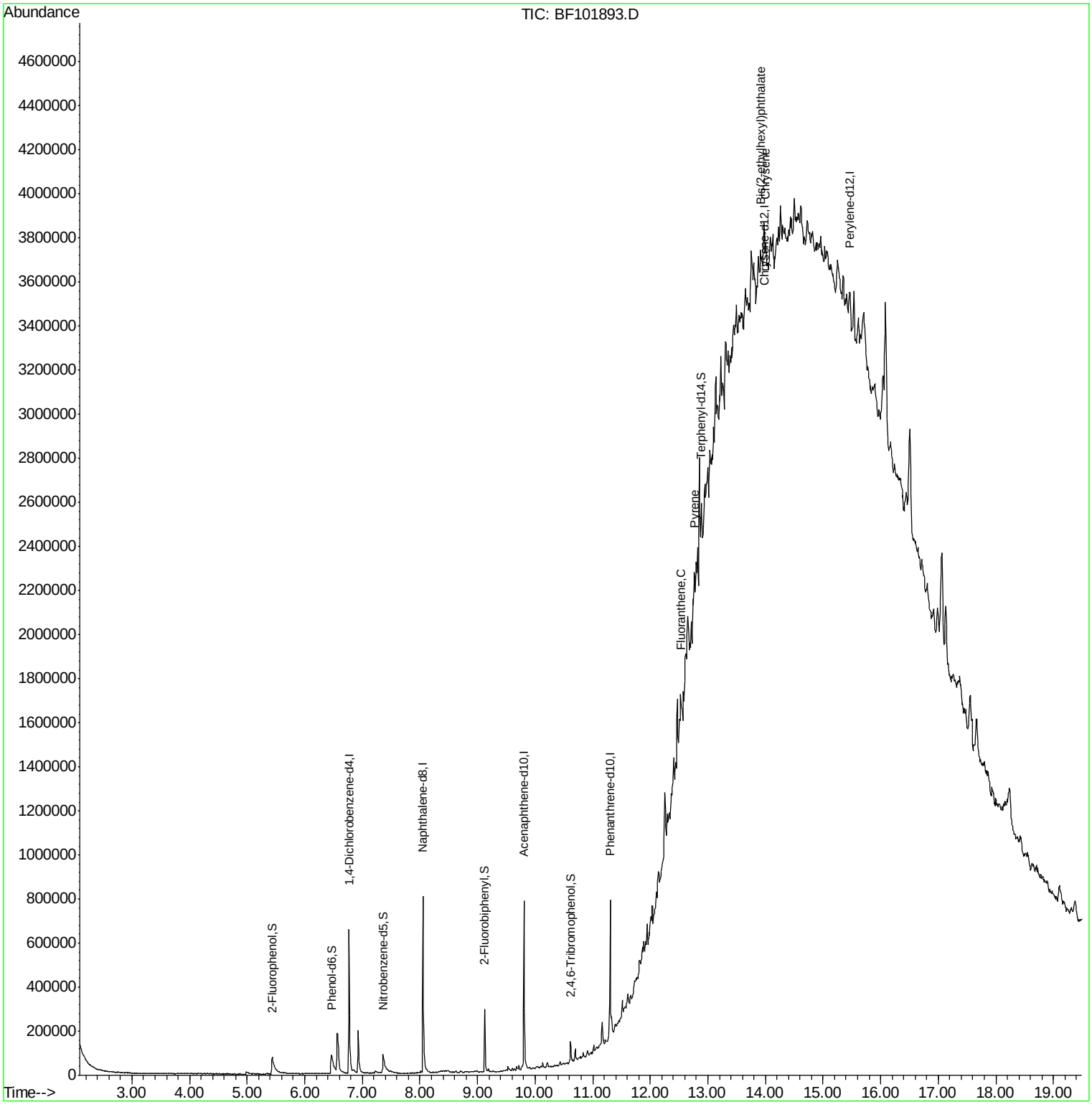
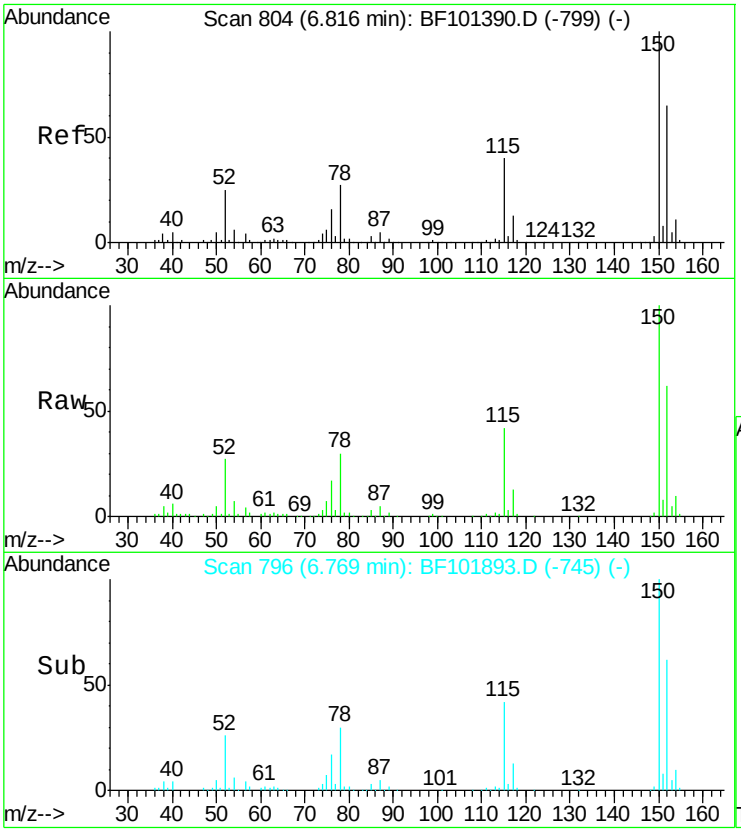
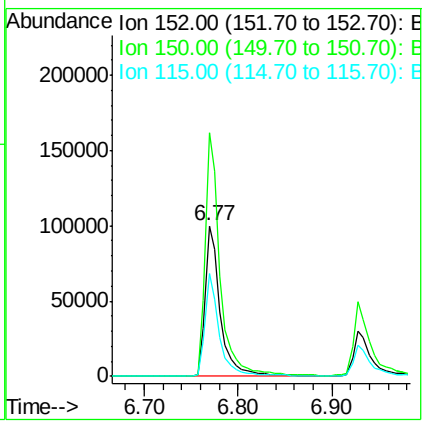




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:152 Resp: 114113

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	68.0	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
HR-06-010318

Manual Integrations APPROVED
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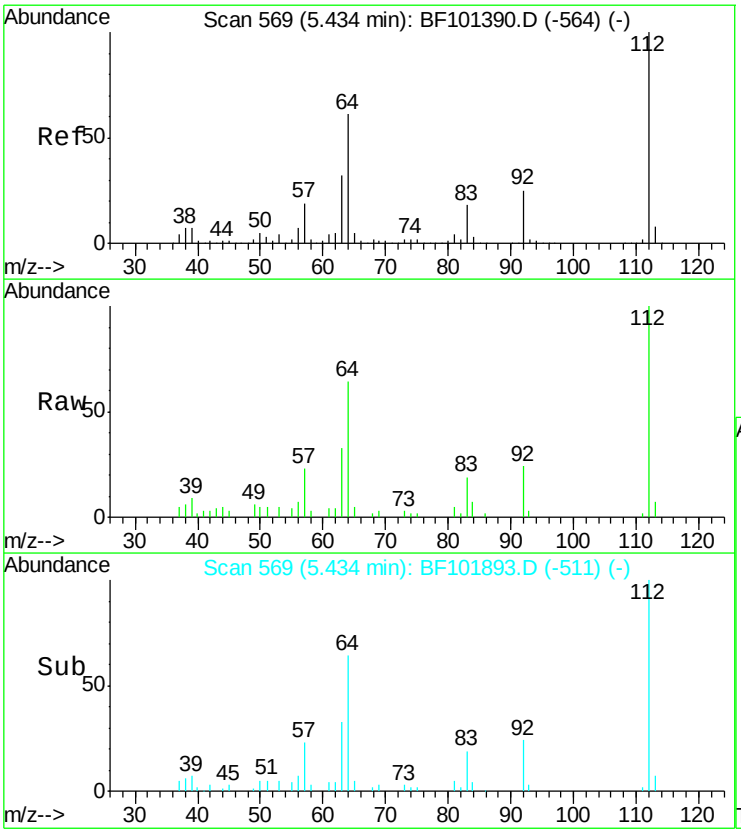
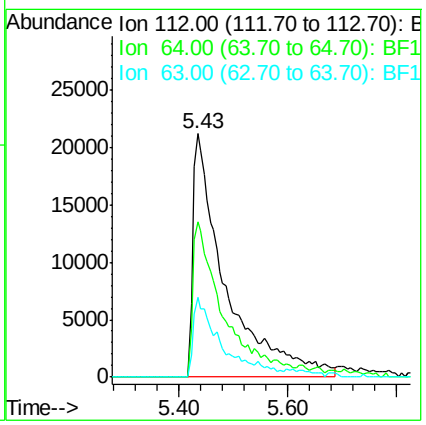
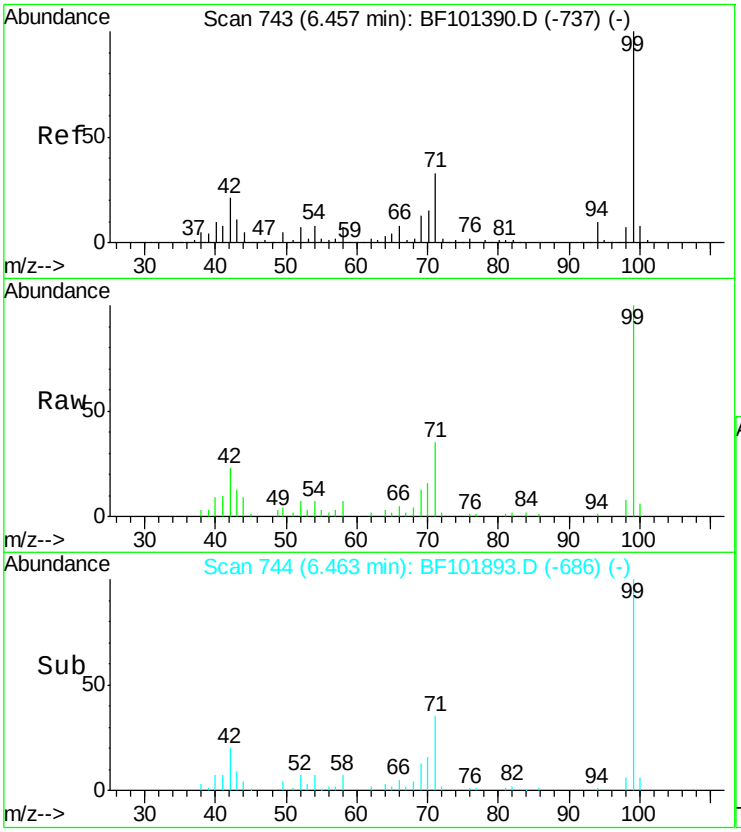


#5
2-Fluorophenol
Concen: 11.540 ng m
RT: 5.43 min Scan# 569
Delta R.T. 0.04 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:112 Resp: 88405

Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.6	23.7	35.5

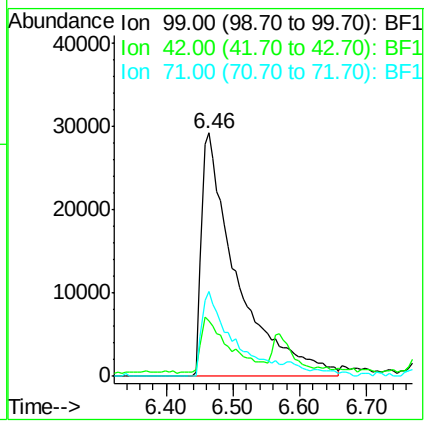




#7
Phenol-d6
Concen: 11.219 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.04 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion: 99 Resp: 106961

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.5	21.7#
71	34.7	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
HR-06-010318

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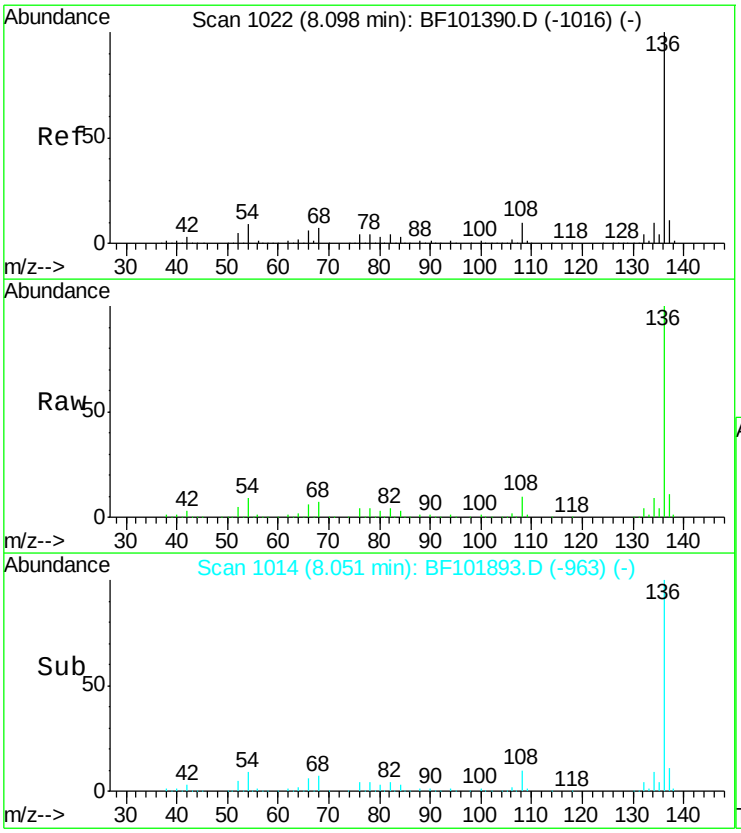
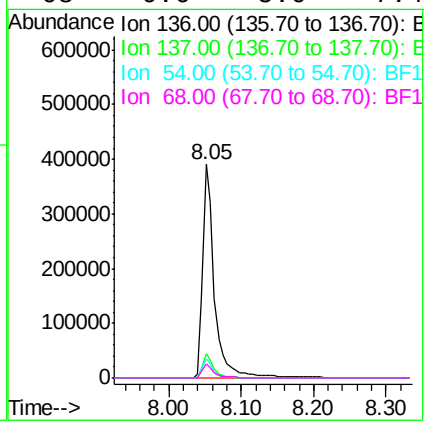
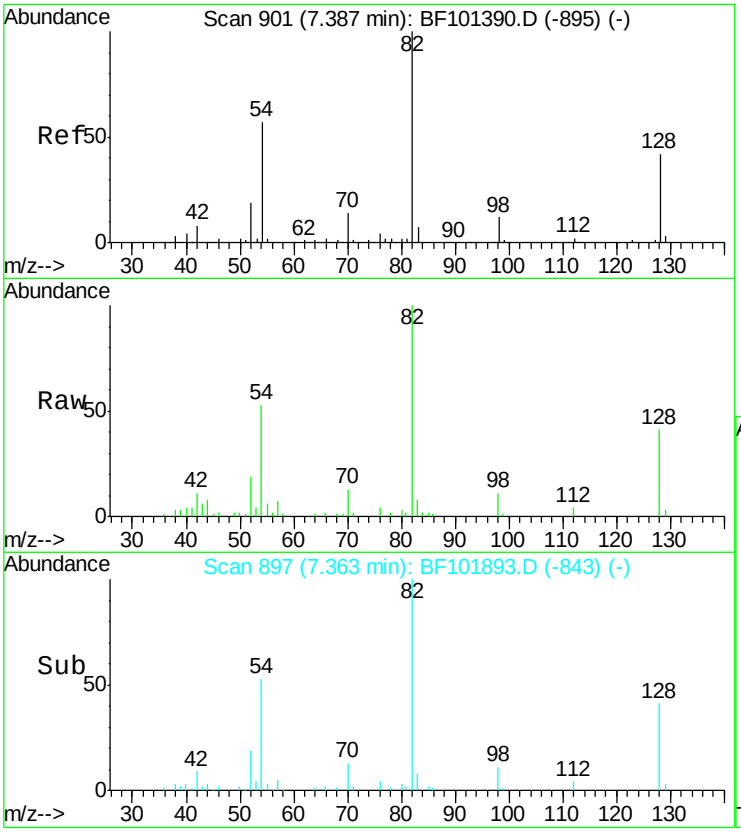


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:136 Resp: 443843

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4

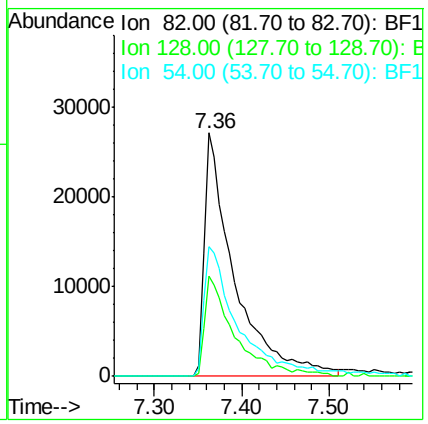




#23
Nitrobenzene-d5
Concen: 8.092 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.02 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

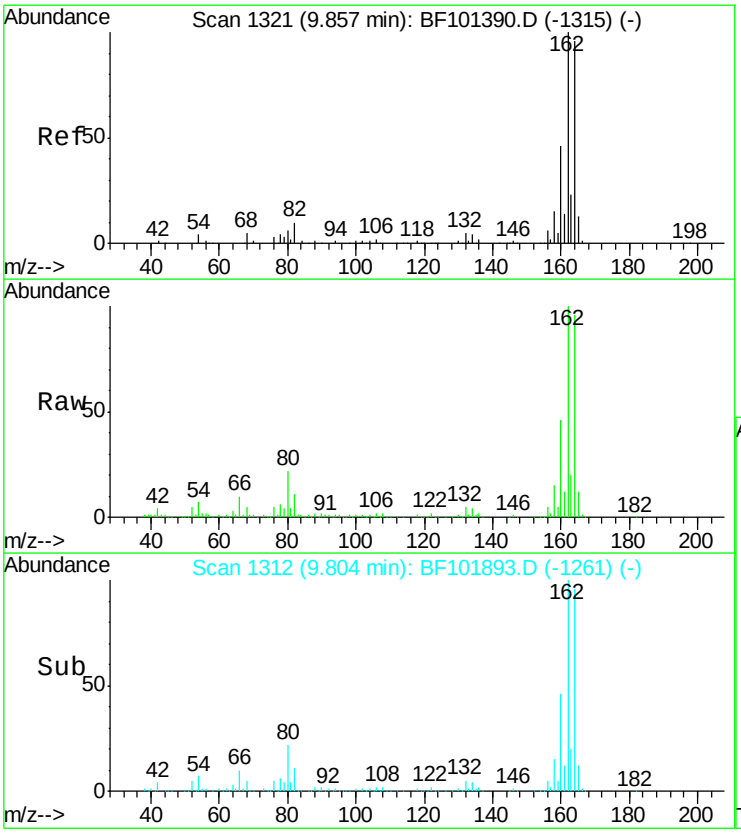
Tgt Ion: 82 Resp: 64521

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	53.4	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
HR-06-010318

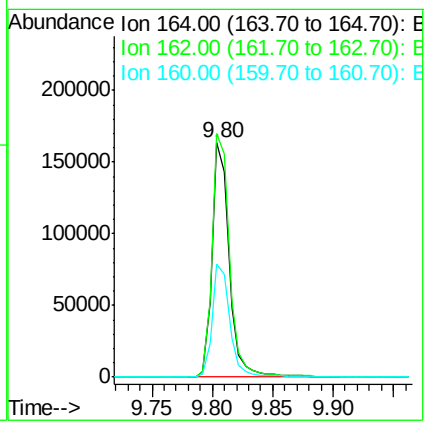
Manual Integrations APPROVED
Sohil
1/5/2018 10:29:28 AM

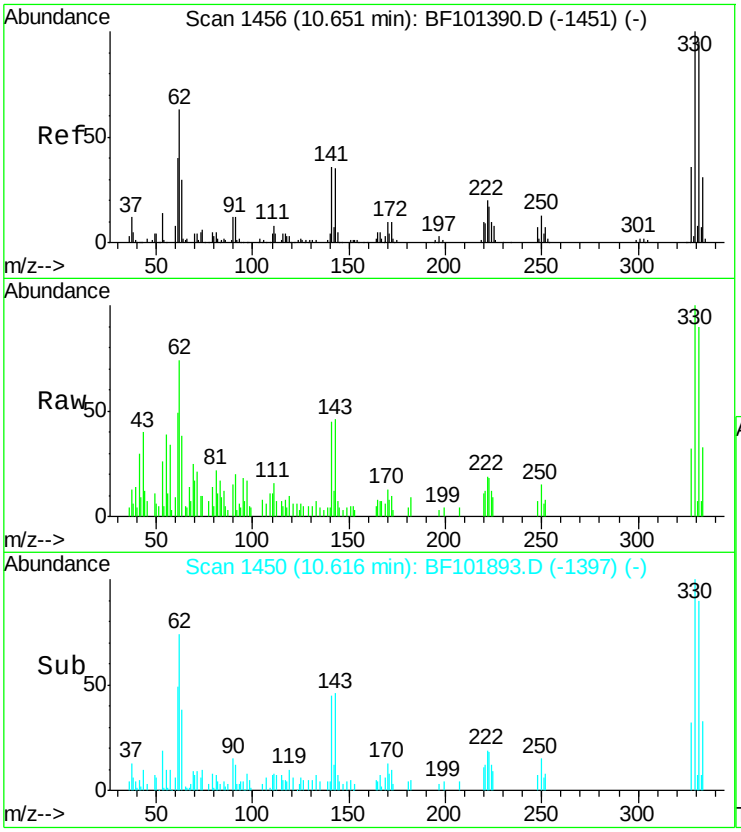


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:164 Resp: 159858

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	48.1	38.3	57.5

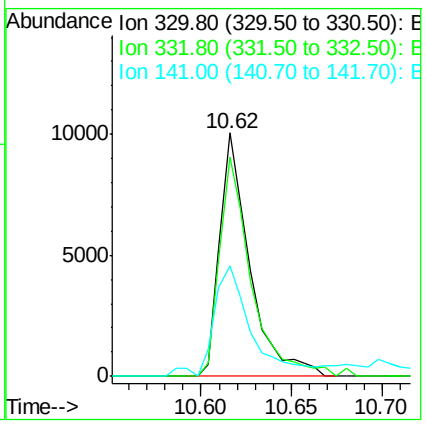




#41
2,4,6-Tribromophenol
Concen: 7.530 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

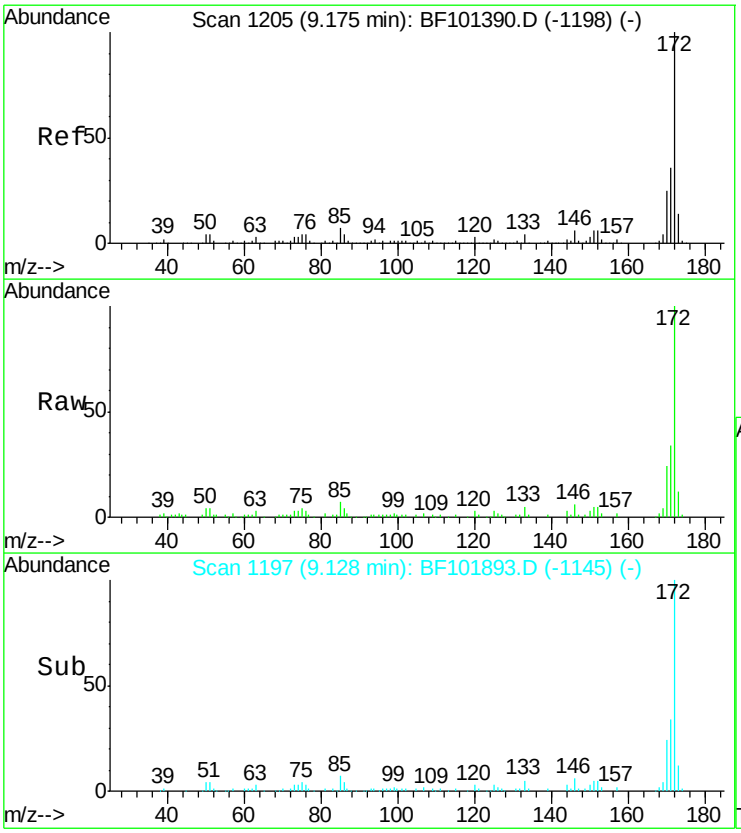
Tgt Ion:330 Resp: 11599

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	57.3	29.9	44.9#



Instrument :
BNA_F
ClientSampleId :
HR-06-010318

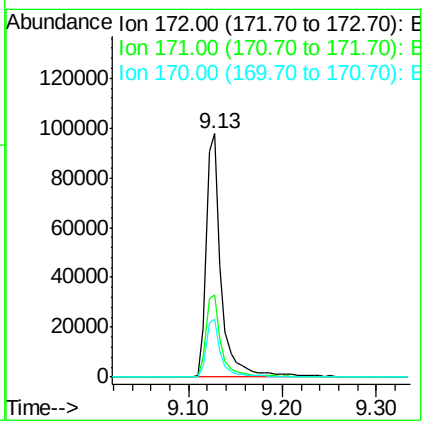
Manual Integrations APPROVED
Sohil
1/5/2018 10:29:28 AM

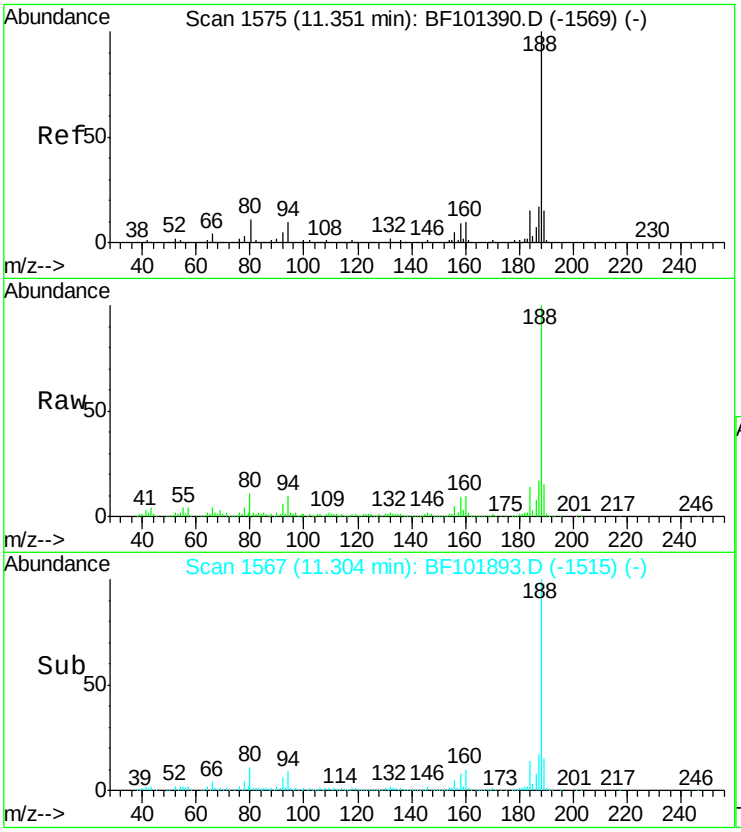


#44
2-Fluorobiphenyl
Concen: 10.680 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:172 Resp: 110061

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.7	44.5
170	23.6	19.6	29.4

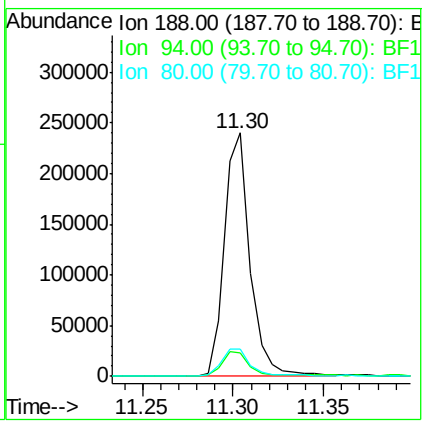




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:188 Resp: 236800

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	11.0	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
HR-06-010318

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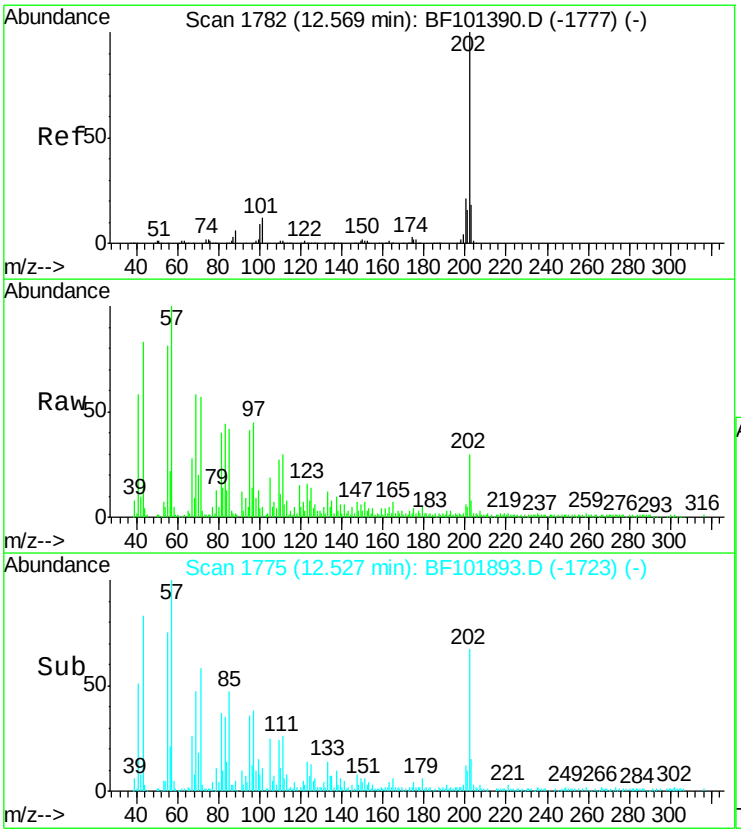
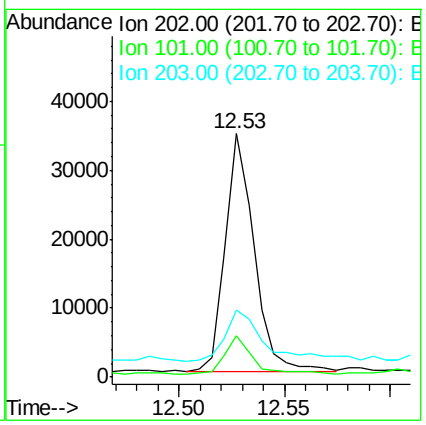
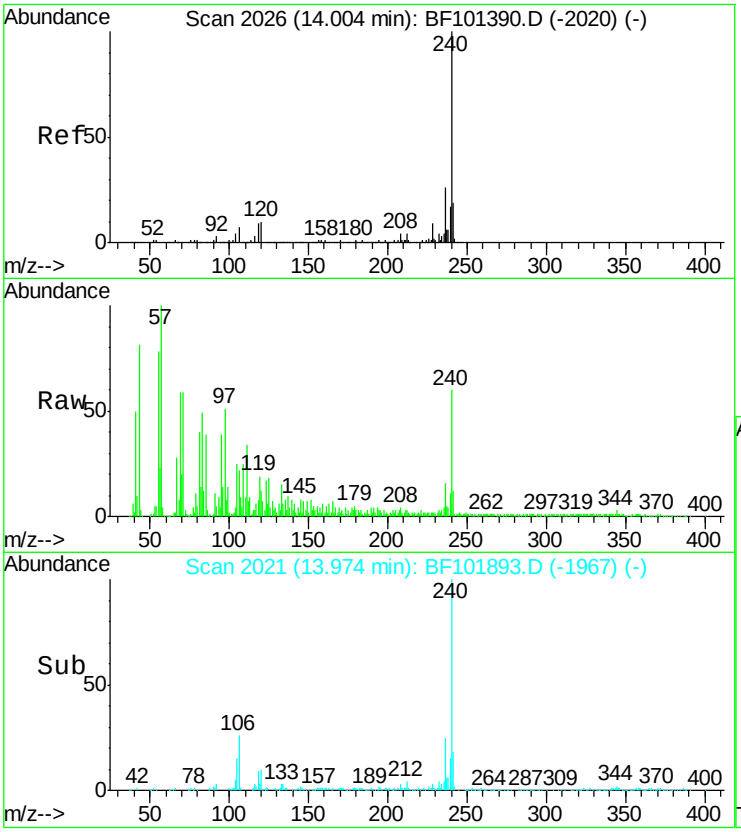


#74
Fluoranthene
Concen: 2.366 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:202 Resp: 32698

Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	34.1
203	27.4	0.0	38.1





#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:240 Resp: 136611

Ion	Ratio	Lower	Upper
240	100		
120	20.1	9.5	14.3#
236	27.1	20.7	31.1

Instrument :
BNA_F
ClientSampleId :
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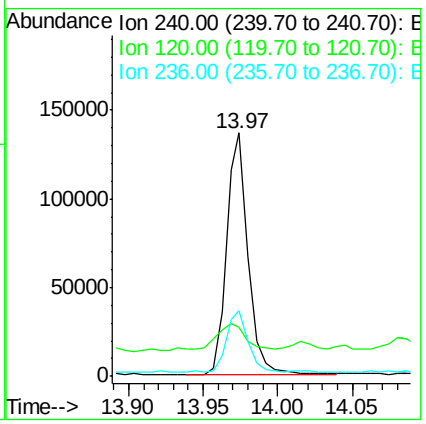
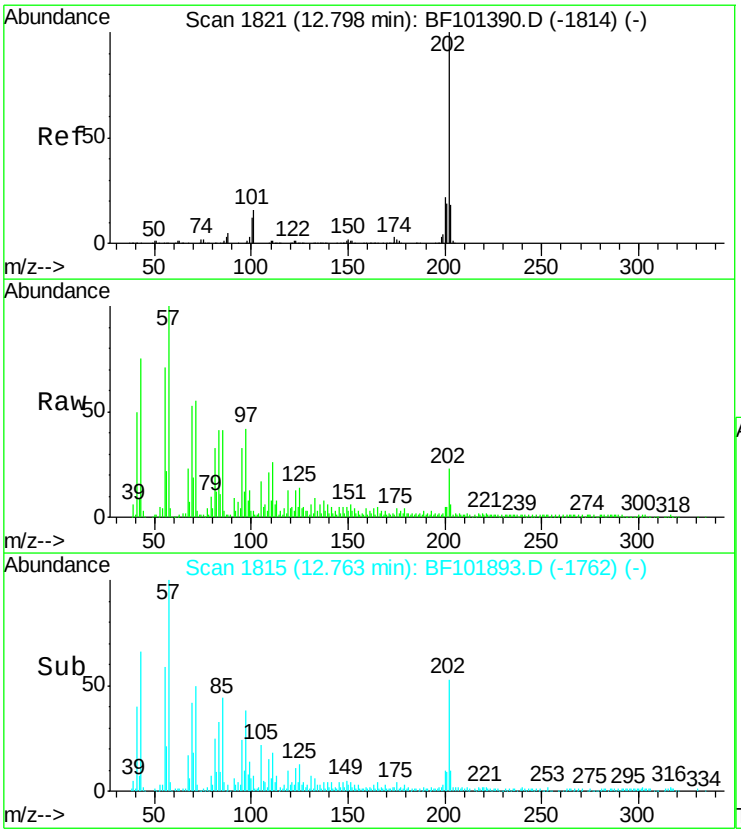
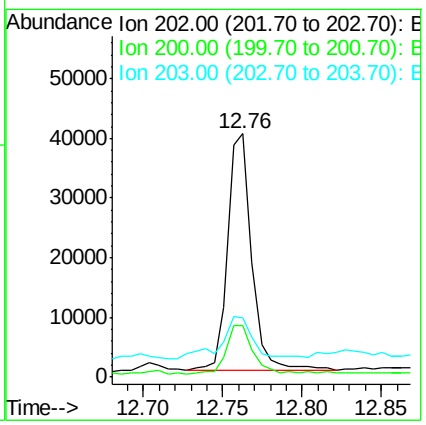


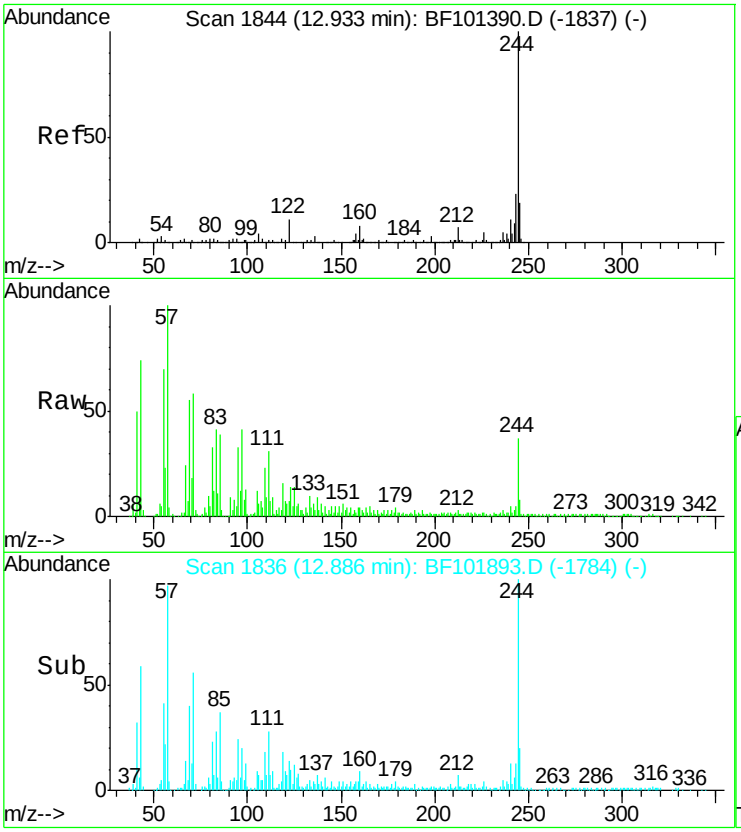


#77
Pyrene
Concen: 4.057 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:202 Resp: 41592

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	24.6	14.3	21.5#





#78
Terphenyl-d14
Concen: 11.168 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.01 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:244 Resp: 63288

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.0
122	19.0	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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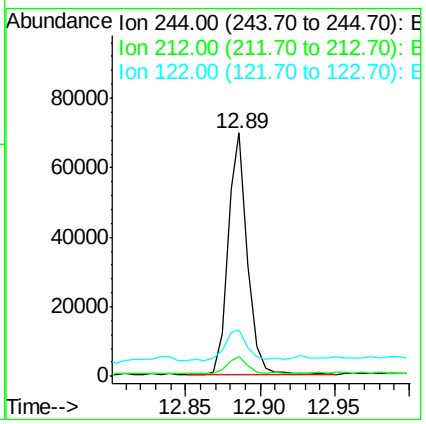
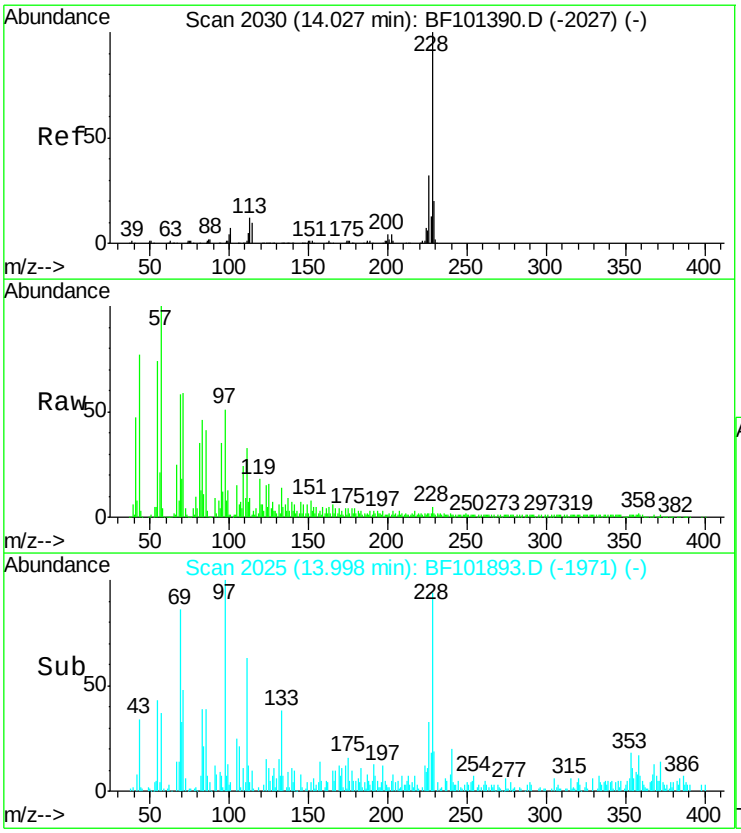
1/5/2018 10:29:28 AM

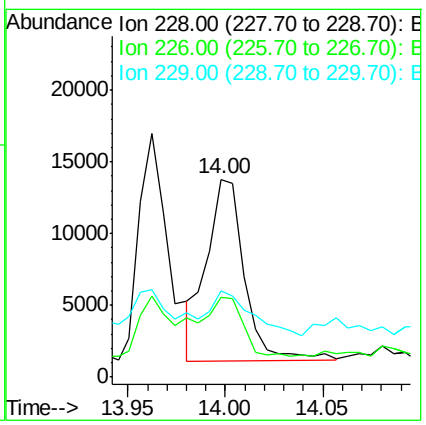


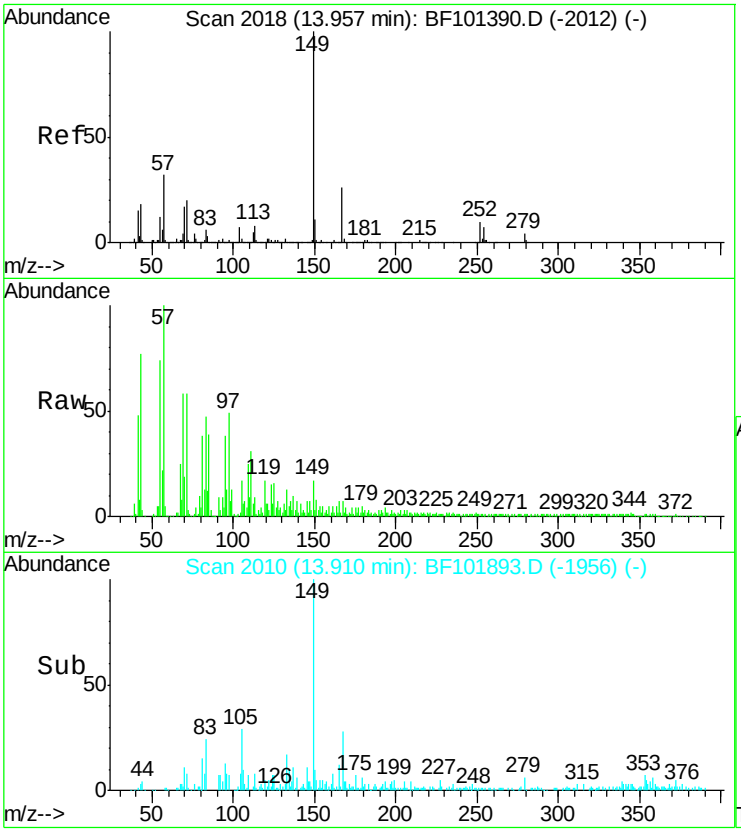


#82
Chrysene
Concen: 2.018 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:228 Resp: 17188

Ion	Ratio	Lower	Upper
228	100		
226	40.3	25.0	37.6#
229	43.8	16.2	24.4#





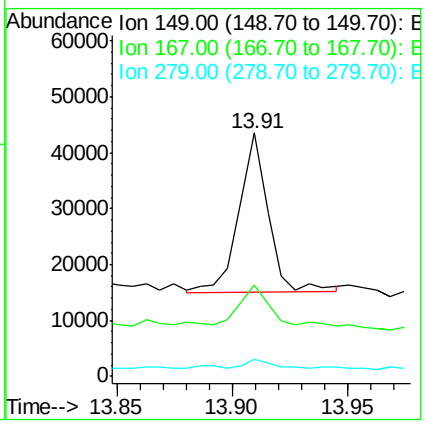
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.382 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

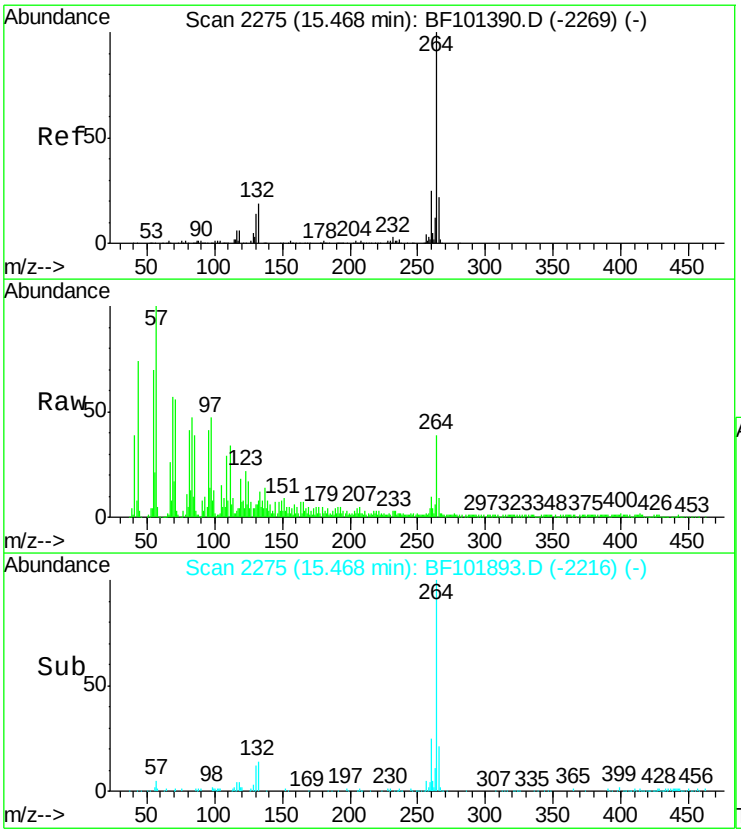
Tgt Ion:149 Resp: 25748

Ion	Ratio	Lower	Upper
149	100		
167	37.5	21.3	31.9#
279	6.9	3.0	4.4#

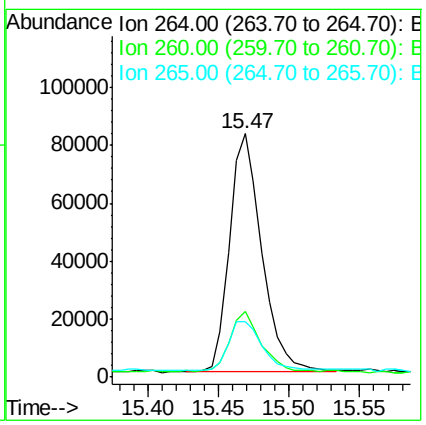
Instrument :
BNA_F
ClientSampleId :
HR-06-010318

Manual Integrations APPROVED
Sohil
1/5/2018 10:29:28 AM





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.05 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:264 Resp: 130505

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.2	28.8
265	23.0	17.5	26.3