Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092159.D
Acq On : 10 Jan 2017 1:04
Operator : UM/SJ
Sample : I1045-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP2

Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

Quant Time: Jan 10 03:50:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	130314	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	476923	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	226058	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	360076	20.00	ng	0.00
75) Chrysene-d12	13.80	240	210068	20.00	ng	0.01
86) Perylene-d12	15.18	264	148740	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	388935	49.83	ng	0.01
7) Phenol-d6	6.31	99	494318	51.88	ng	0.00
23) Nitrobenzene-d5	7.20	82	218002	25.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	77035	41.18	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	476583	35.72	ng	0.00
78) Terphenyl-d14	12.75	244	343180	39.62	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.33	94	25976	2.39	ng	# 75
49) Dimethylphthalate	9.41	163	76726	5.31	ng	100
70) Phenanthrene	11.18	178	84340	4.32	ng	98
74) Fluoranthene	12.37	202	182114	7.44	ng	97
77) Pyrene	12.60	202	158818	10.30	ng	98
80) Benzo(a)anthracene	13.79	228	72930m	6.15	ng	
82) Chrysene	13.82	228	86402m	7.26	ng	

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

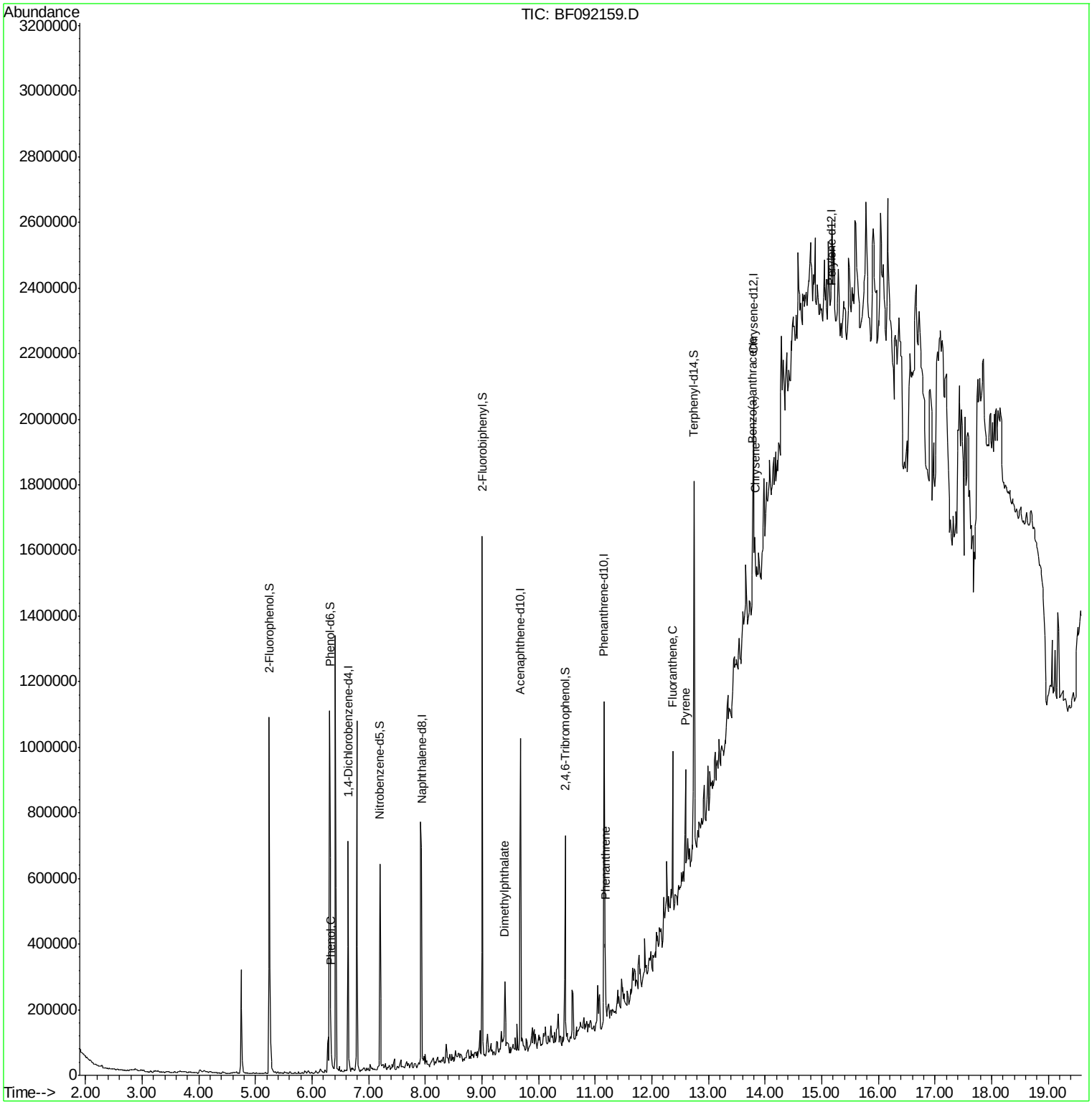
Quantitation Report (LSC Reviewed)

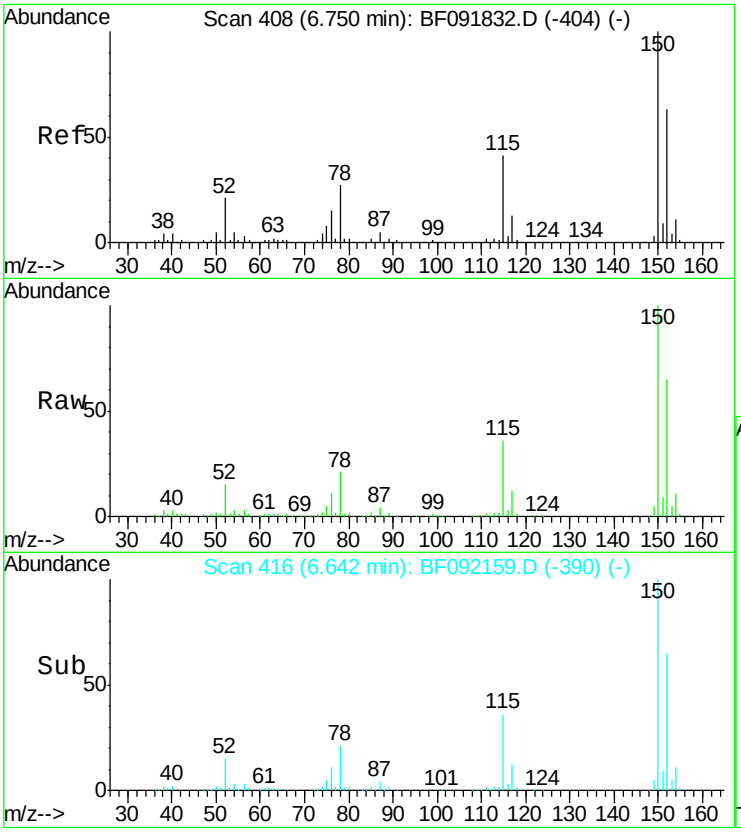
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092159.D
Acq On : 10 Jan 2017 1:04
Operator : UM/SJ
Sample : I1045-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 10 03:50:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RAP-SP2

Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

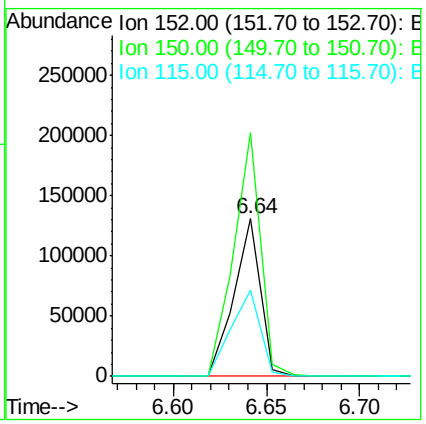




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

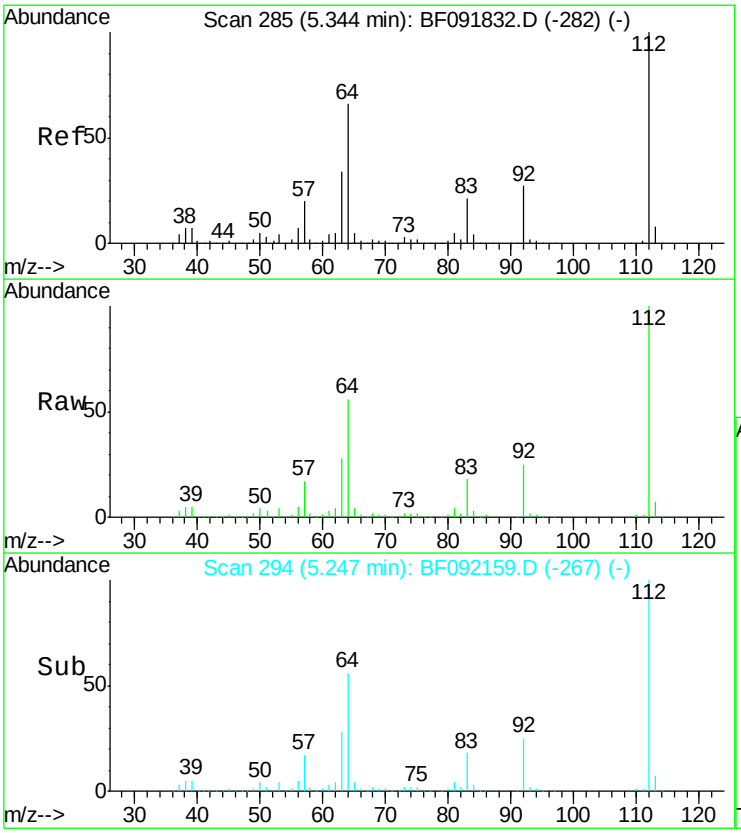
Tgt Ion:152 Resp: 130314

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.9	187.3
115	55.1	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

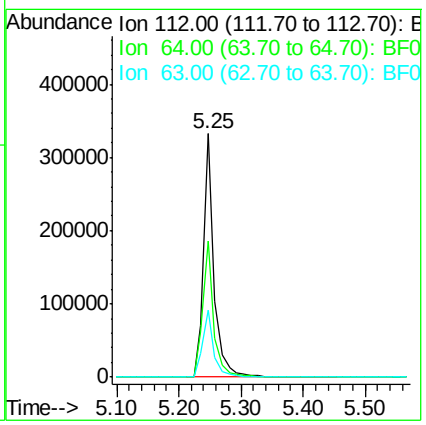
Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

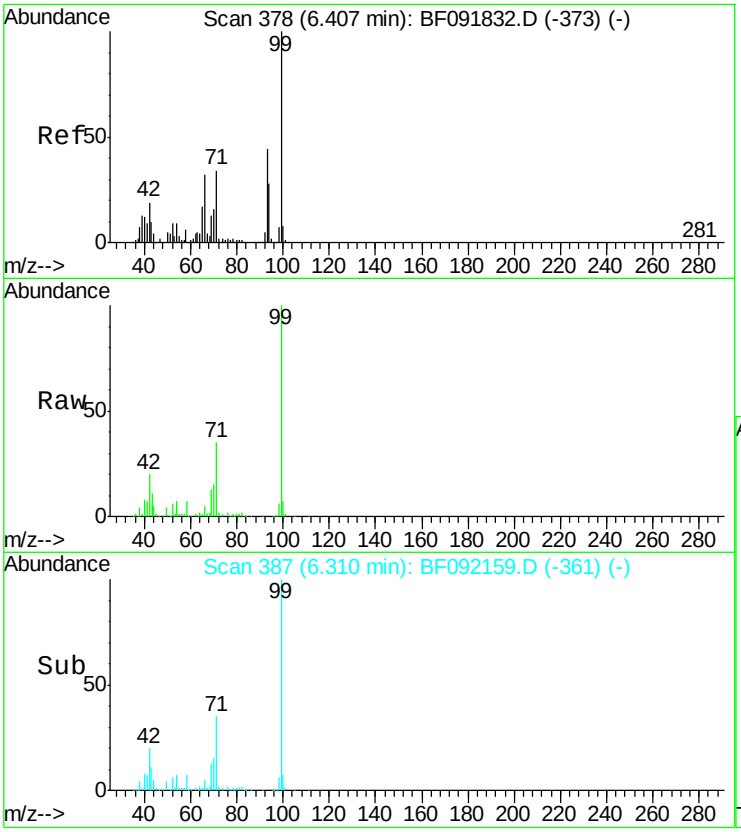


#5
2-Fluorophenol
Concen: 49.83 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion:112 Resp: 388935

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.1	69.1
63	27.6	23.8	35.6

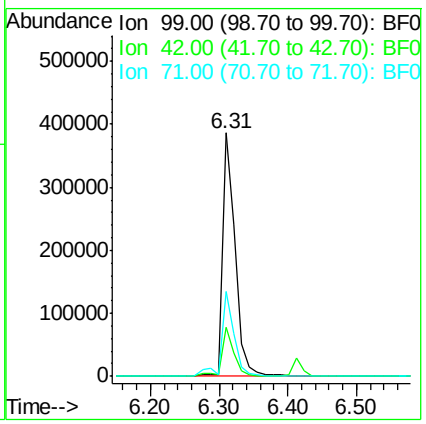




#7
Phenol-d6
Concen: 51.88 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

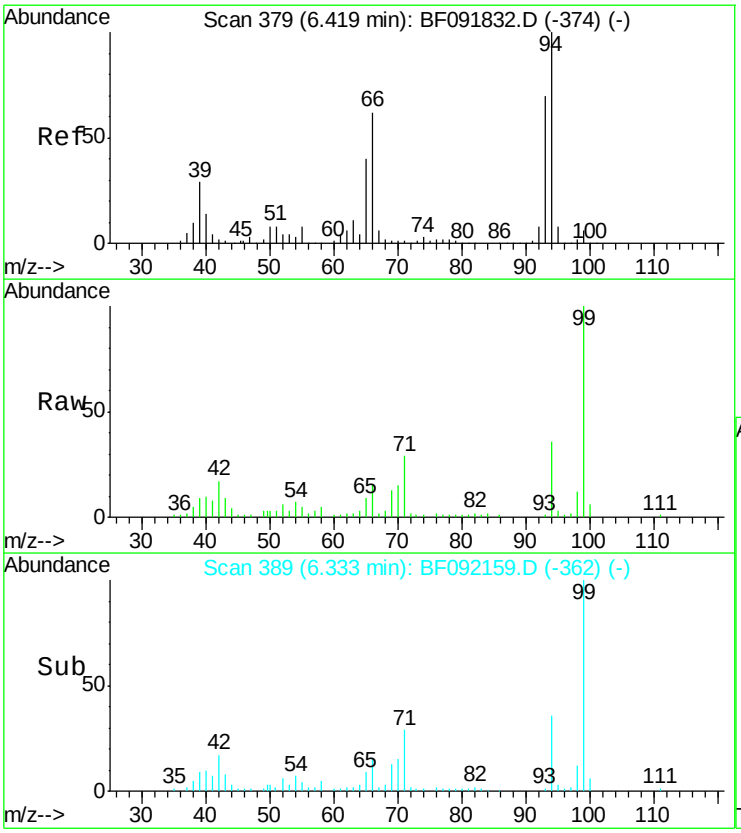
Tgt Ion: 99 Resp: 494318

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	34.7	27.5	41.3



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

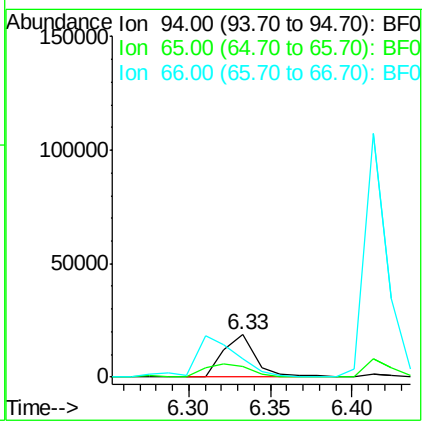
Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

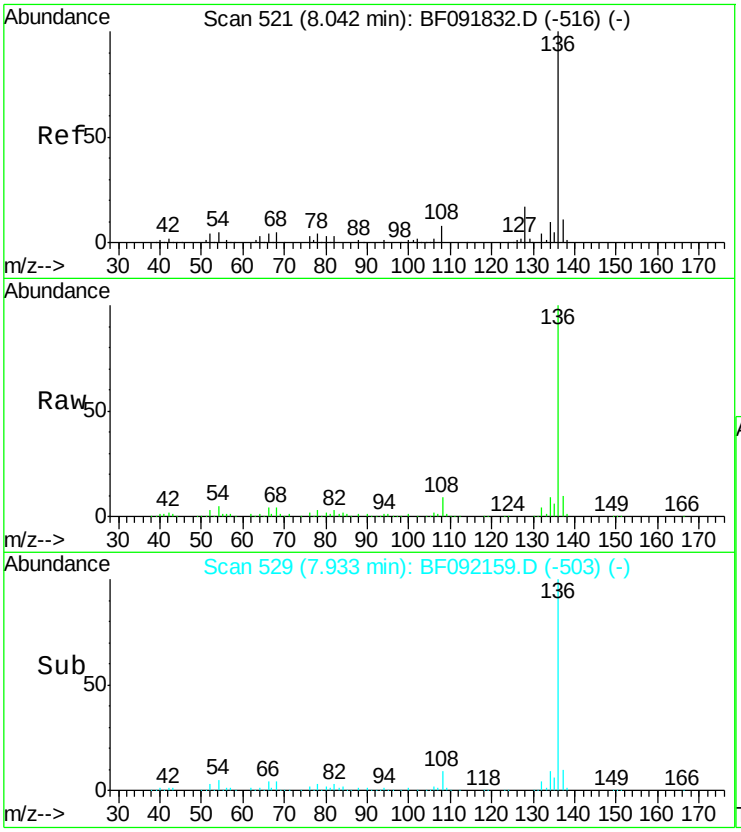


#10
Phenol
Concen: 2.39 ng
RT: 6.33 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion: 94 Resp: 25976

Ion	Ratio	Lower	Upper
94	100		
65	26.4	21.4	61.4
66	43.3	44.0	84.0#

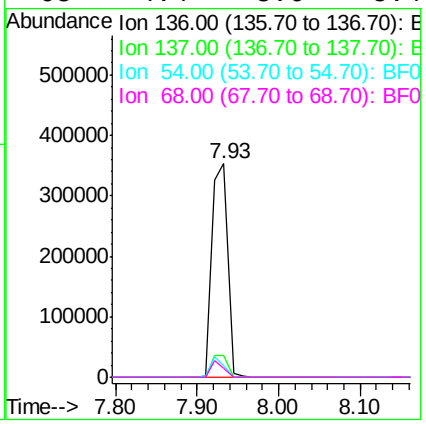




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

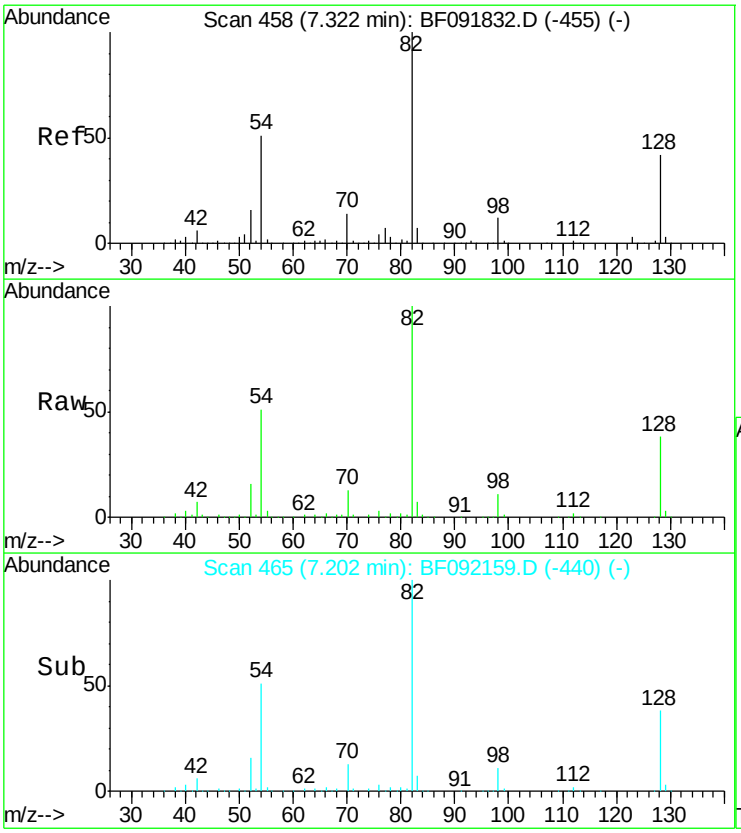
Tgt Ion:136 Resp: 476923

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	5.2	4.5	6.7
68	4.4	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

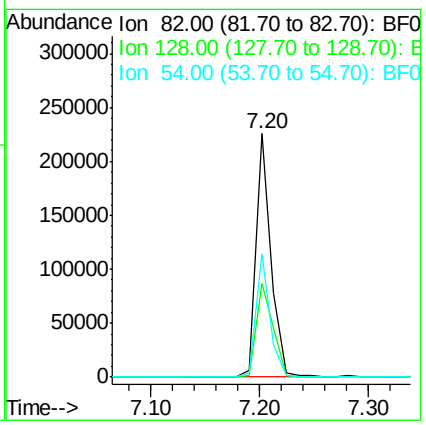
Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

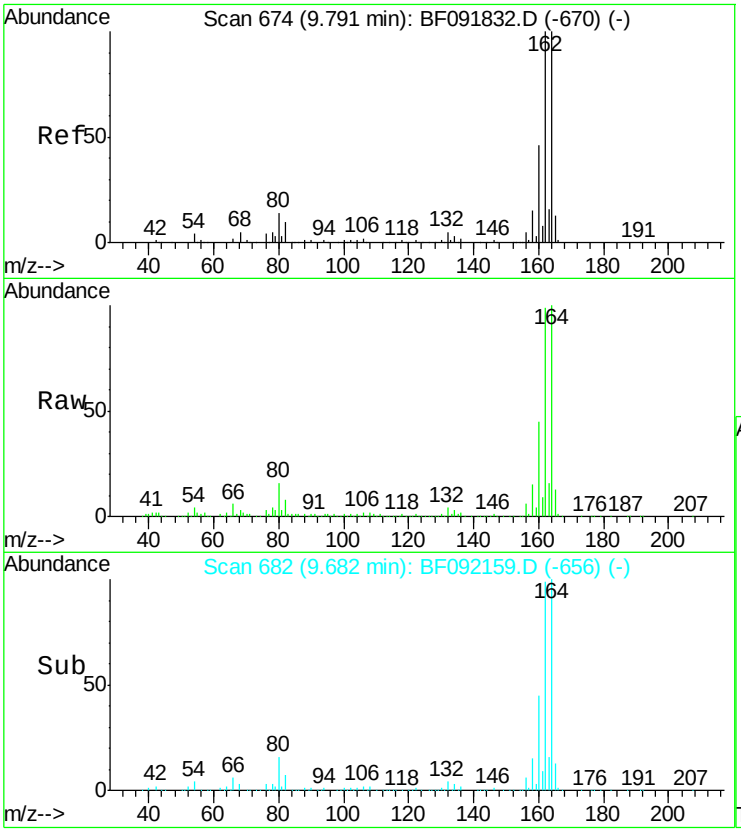


#23
Nitrobenzene-d5
Concen: 25.42 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion: 82 Resp: 218002

Ion	Ratio	Lower	Upper
82	100		
128	38.5	34.6	52.0
54	50.9	39.5	59.3

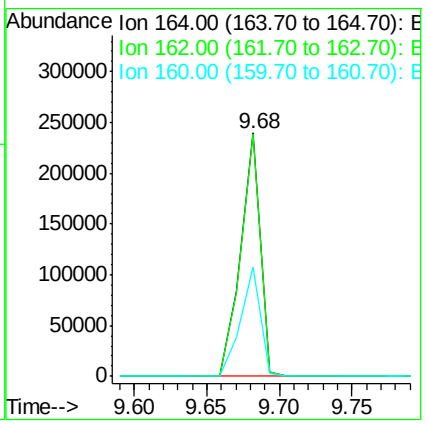




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

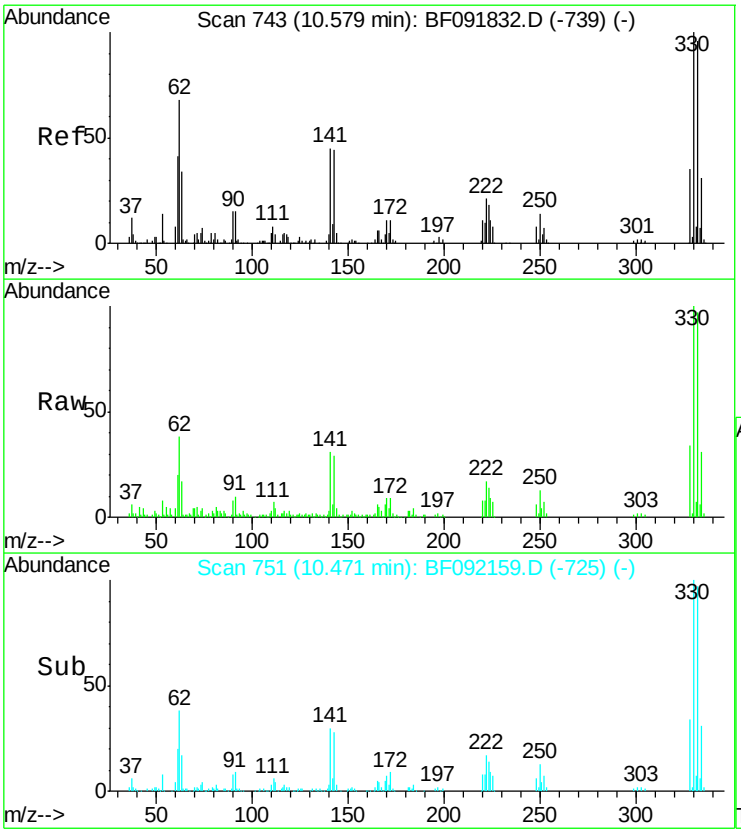
Tgt Ion:164 Resp: 226058

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.2
160	44.6	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

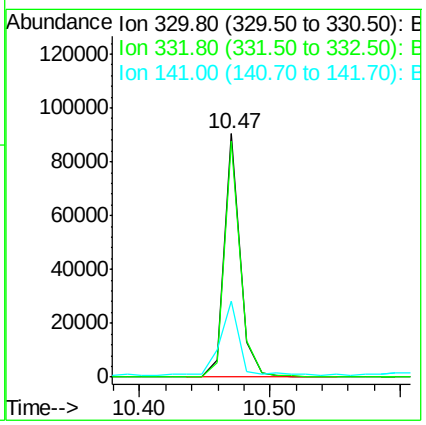
Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

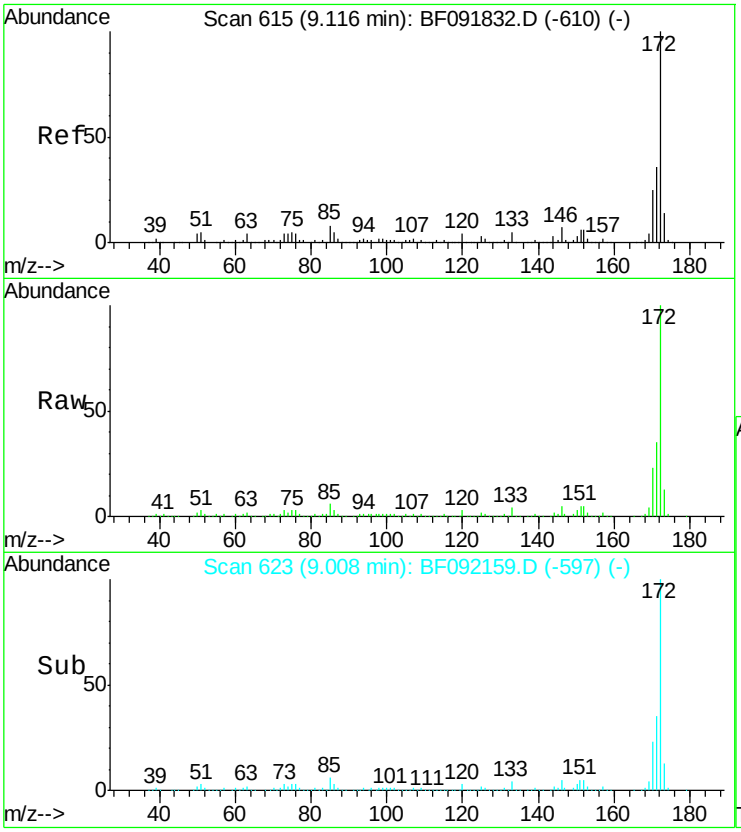


#41
2,4,6-Tribromophenol
Concen: 41.18 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion:330 Resp: 77035

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	36.9	34.1	51.1

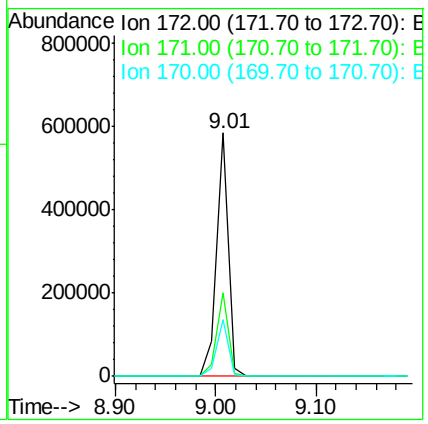




#44
2-Fluorobiphenyl
Concen: 35.72 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

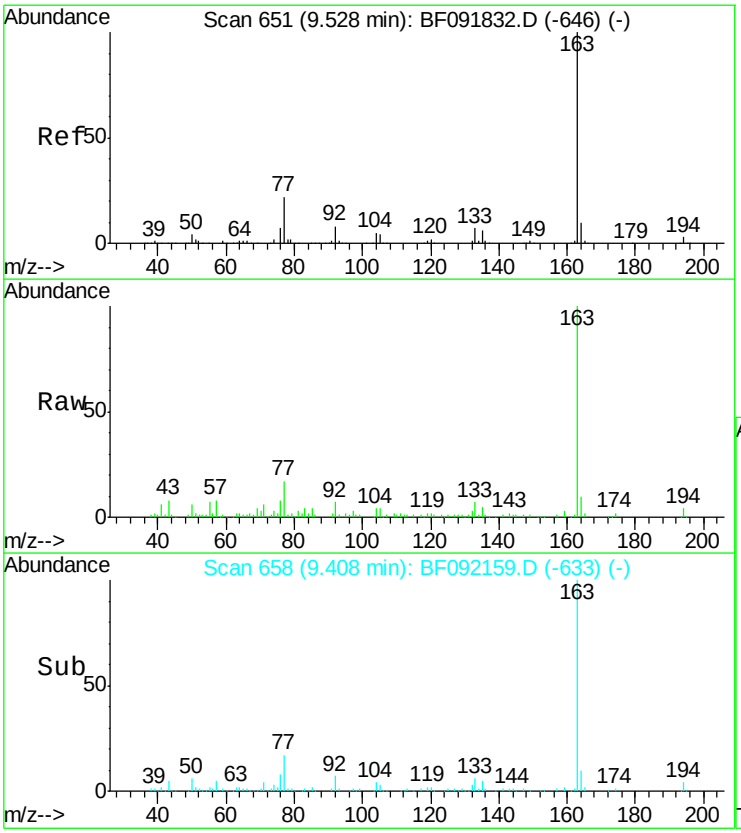
Tgt Ion:172 Resp: 476583

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.0
170	23.2	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

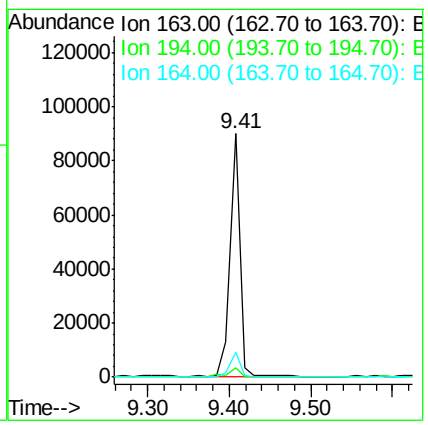
Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

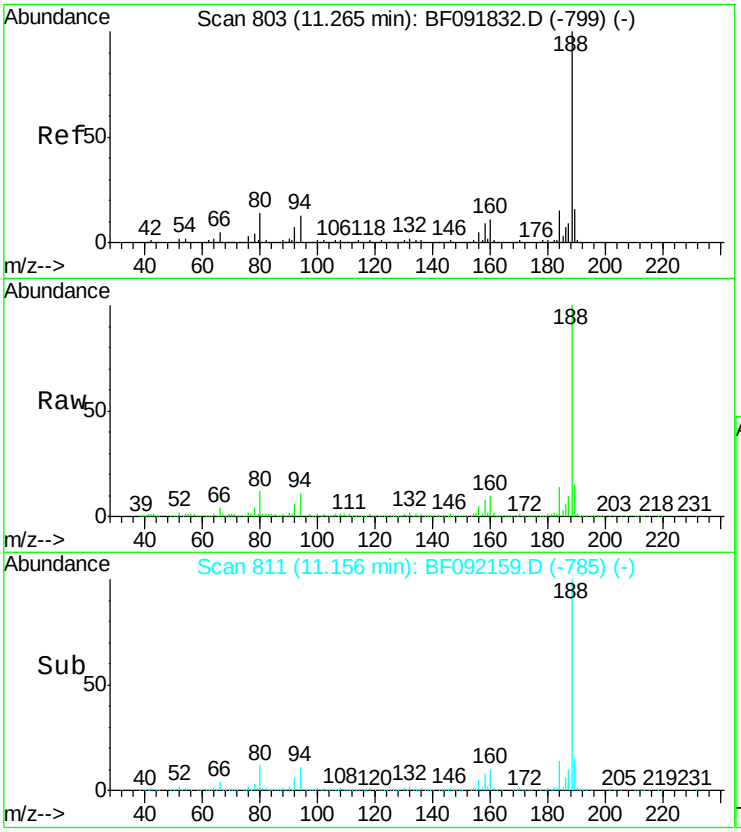


#49
Dimethylphthalate
Concen: 5.31 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion:163 Resp: 76726

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.2	8.0	12.0

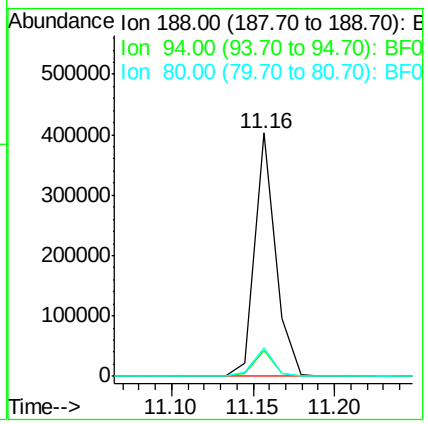




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

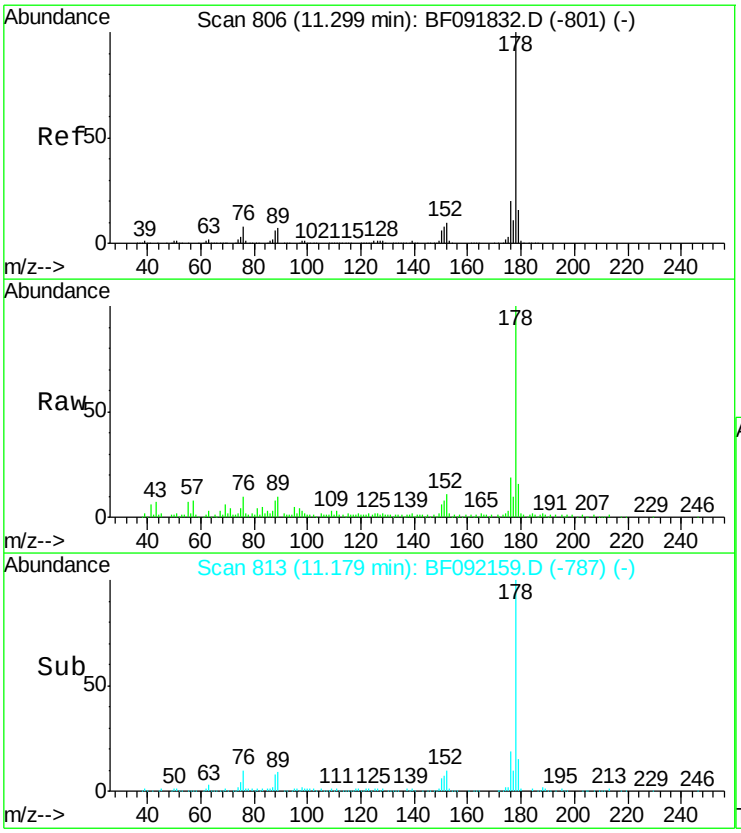
Tgt Ion:188 Resp: 360076

Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.7	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

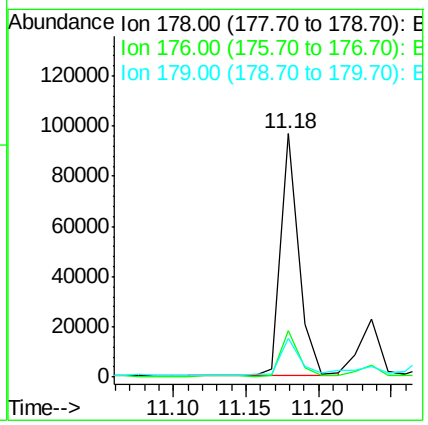
Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

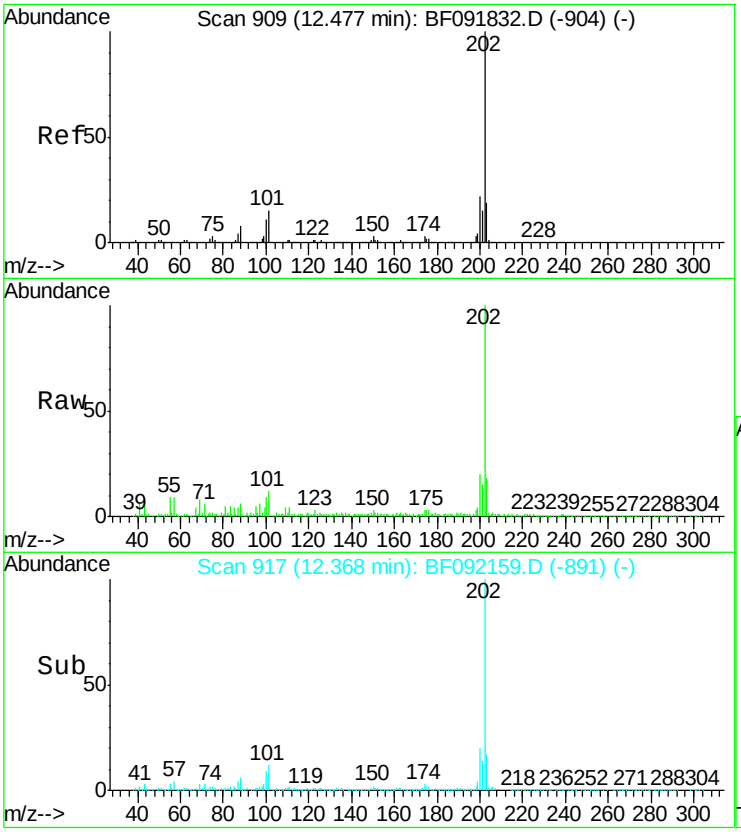


#70
Phenanthrene
Concen: 4.32 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion:178 Resp: 84340

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	16.0	12.8	19.2

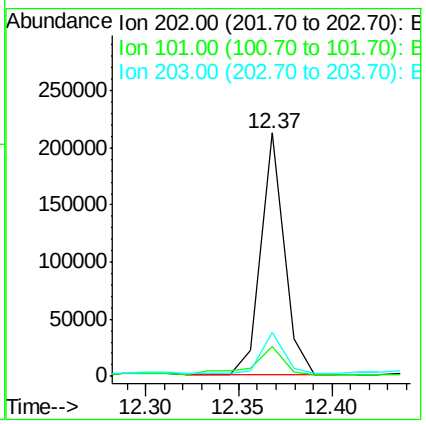




#74
Fluoranthene
Concen: 7.44 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

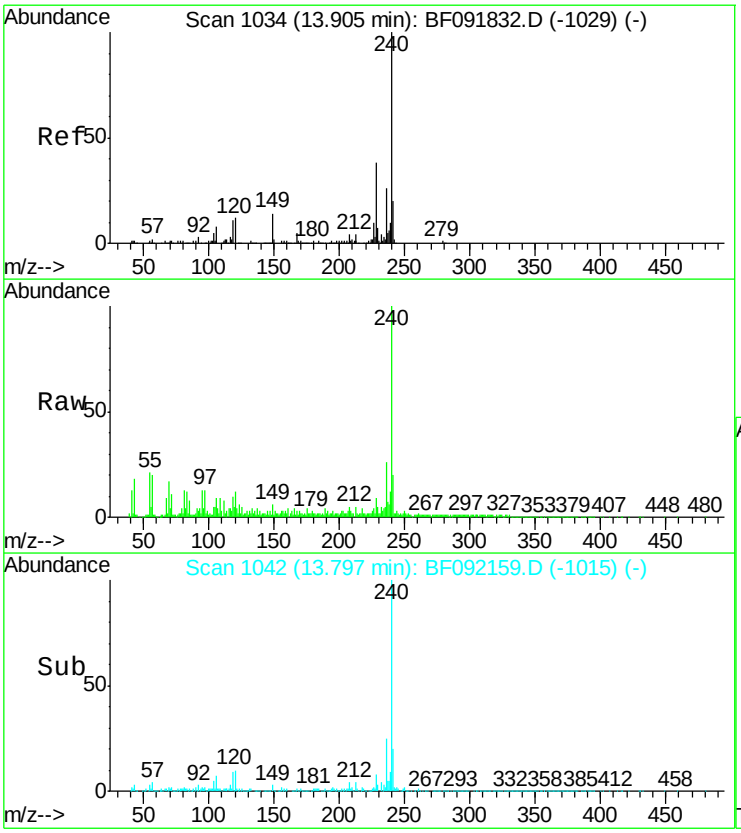
Tgt Ion:202 Resp: 182114

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.6
203	18.1	0.0	38.7



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

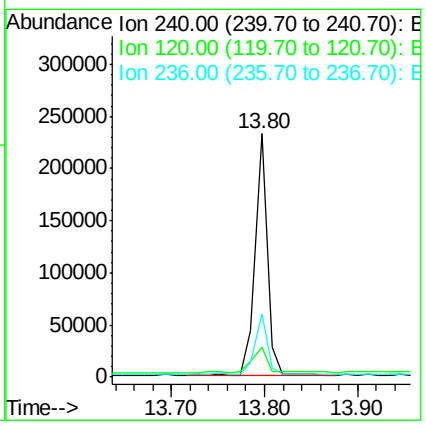
Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

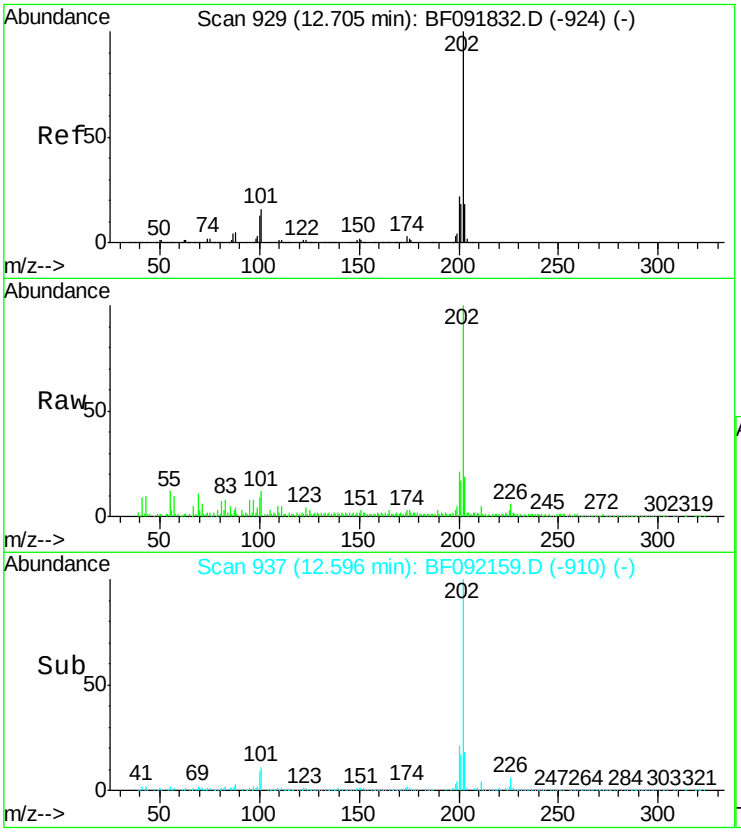


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion:240 Resp: 210068

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.9	19.3#
236	26.0	20.9	31.3

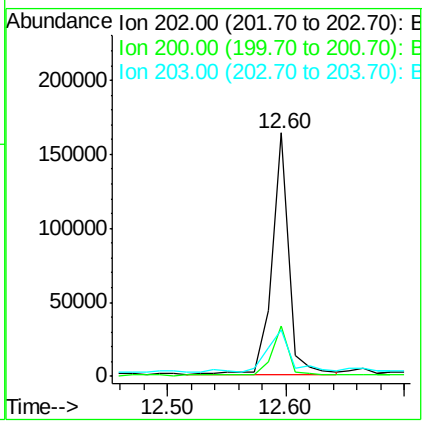




#77
Pyrene
Concen: 10.30 ng
RT: 12.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

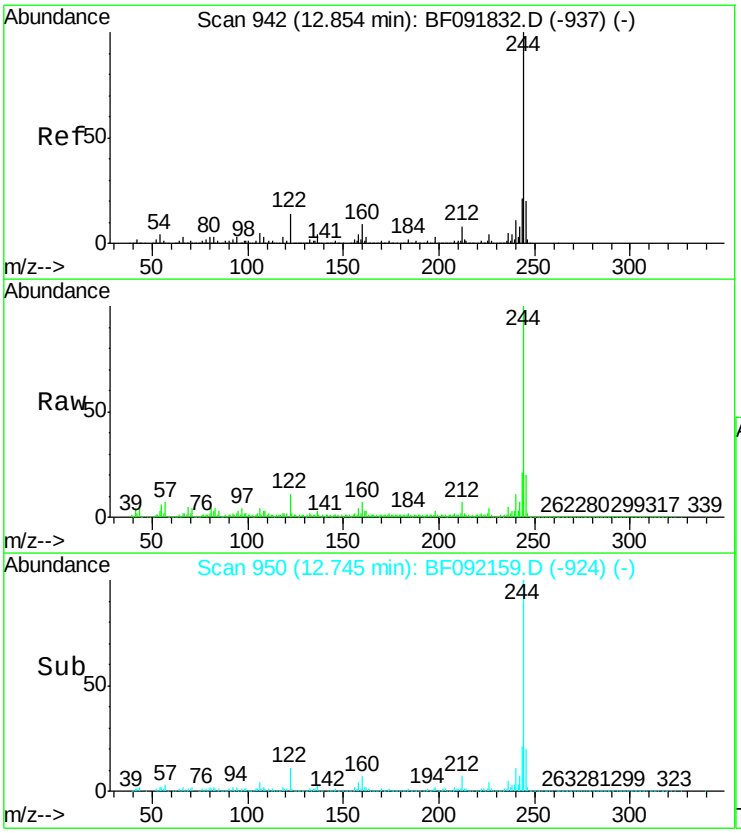
Tgt Ion:202 Resp: 158818

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	19.1	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

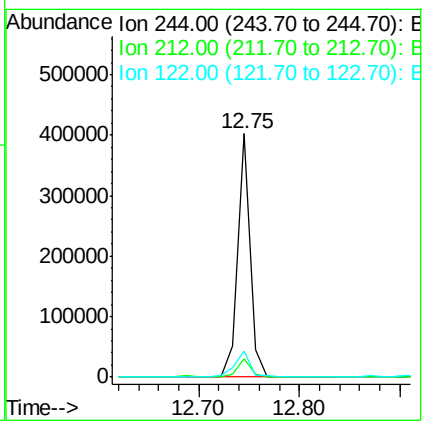
Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

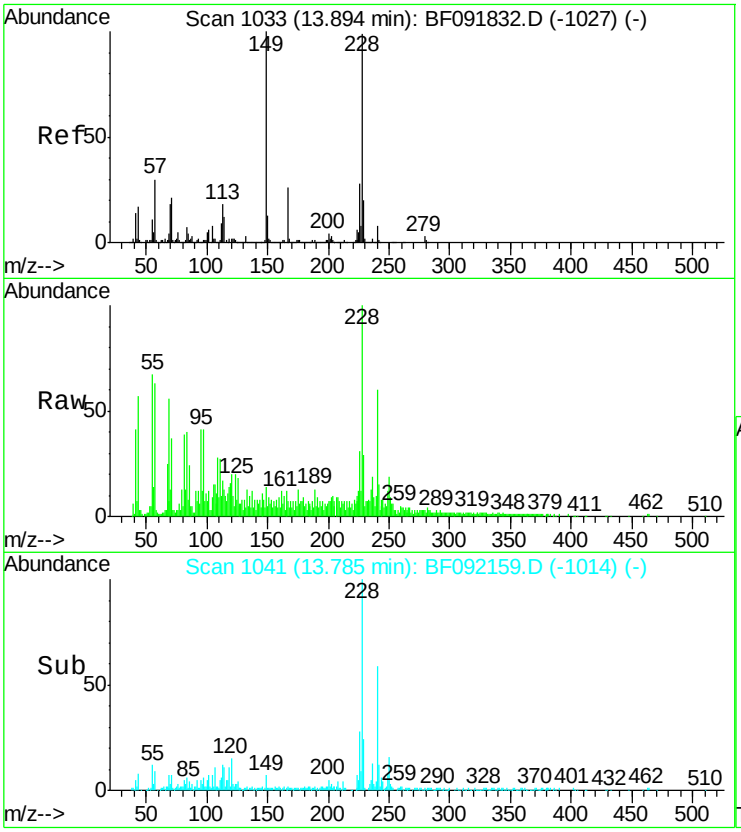


#78
Terphenyl-d14
Concen: 39.62 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion:244 Resp: 343180

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.9	11.4	17.2#

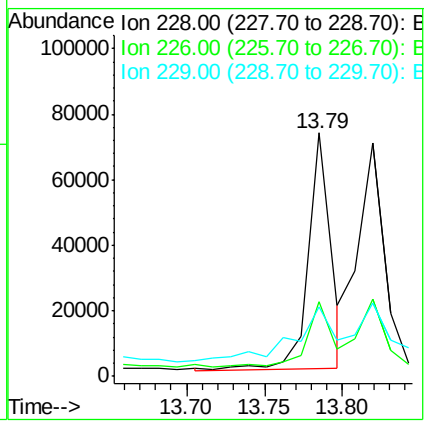




#80
Benzo(a)anthracene
Concen: 6.15 ng m
RT: 13.79 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

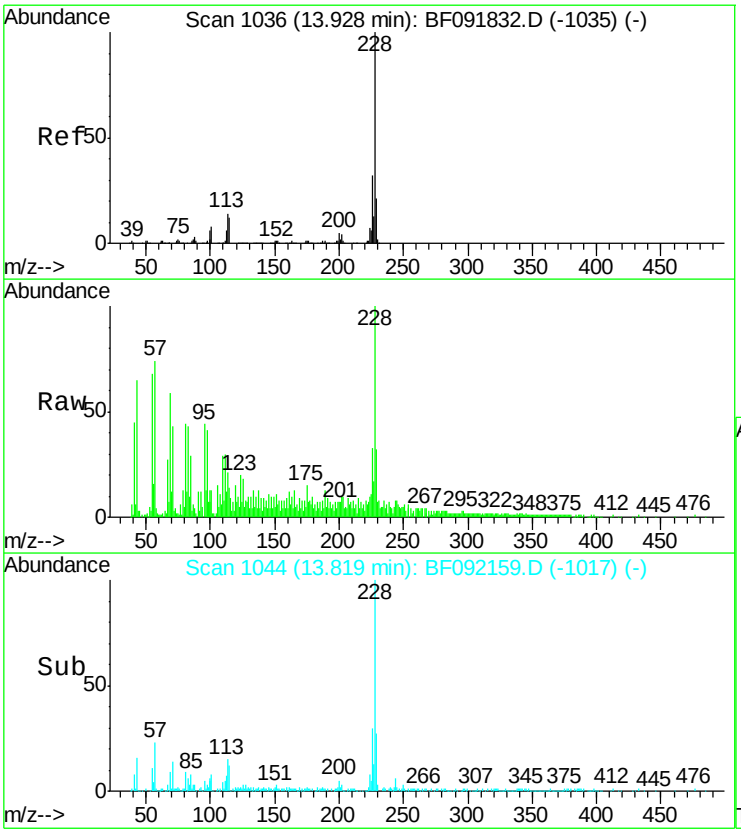
Tgt Ion:228 Resp: 72930

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.4	33.6
229	28.7	16.2	24.4#



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

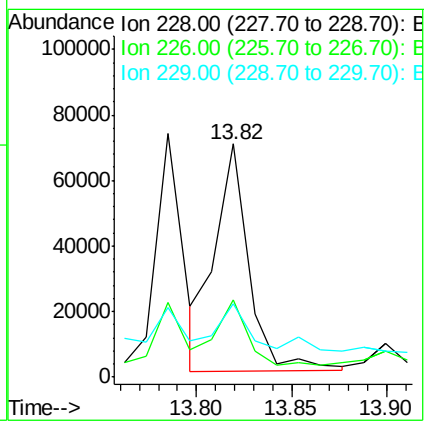
Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM

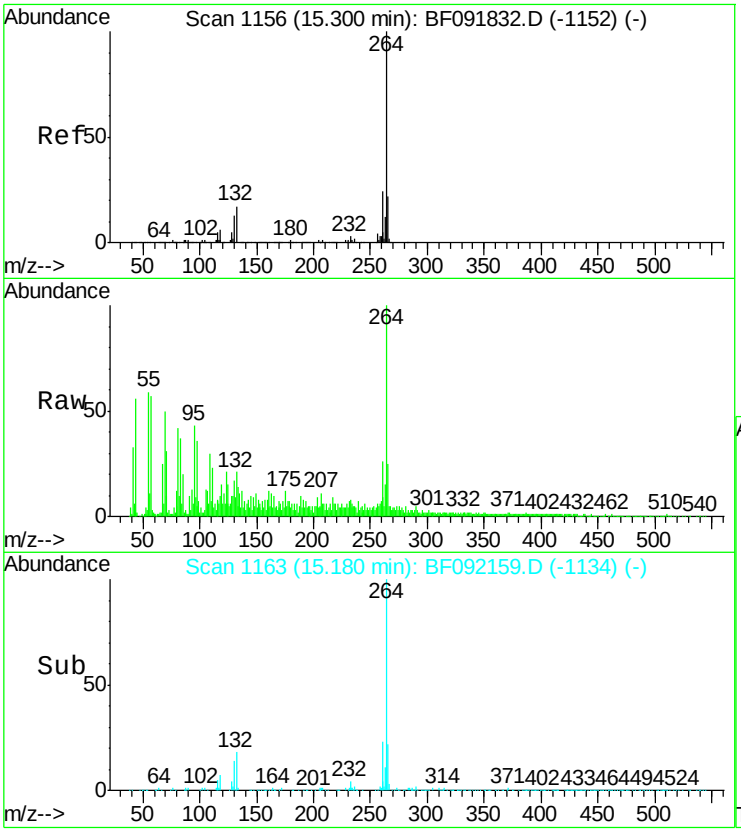


#82
Chrysene
Concen: 7.26 ng m
RT: 13.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion:228 Resp: 86402

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.0
229	31.5	16.2	24.2#

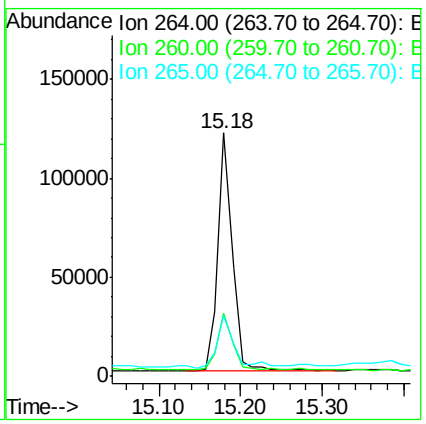




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092159.D
Acq: 10 Jan 2017 1:04

Tgt Ion:264 Resp: 148740

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.2	28.8
265	25.0	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
RAP-SP2

Manual Integrations APPROVED
Sohil
1/10/2017 10:01:48 AM