Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100163.D
Acq On : 4 Nov 2017 5:21
Operator : SJ/JU
Sample : I6297-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-24646

Manual Integrations APPROVED
Sohil
11/4/2017 2:19:18 PM

Quant Time: Nov 04 07:13:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	55090	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	237835	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	112414	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	140810	20.00	ng	0.01
75) Chrysene-d12	14.04	240	25398m	20.00	ng	0.09
86) Perylene-d12	15.62	264	29960m	20.00	ng	0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	55325	15.77	ng	0.02
7) Phenol-d6	6.44	99	74190	17.83	ng	0.01
23) Nitrobenzene-d5	7.35	82	45097	12.21	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	13932	13.60	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	112839	15.49	ng	0.00
78) Terphenyl-d14	12.92	244	32871	28.28	ng	0.04
Target Compounds						Qvalue

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

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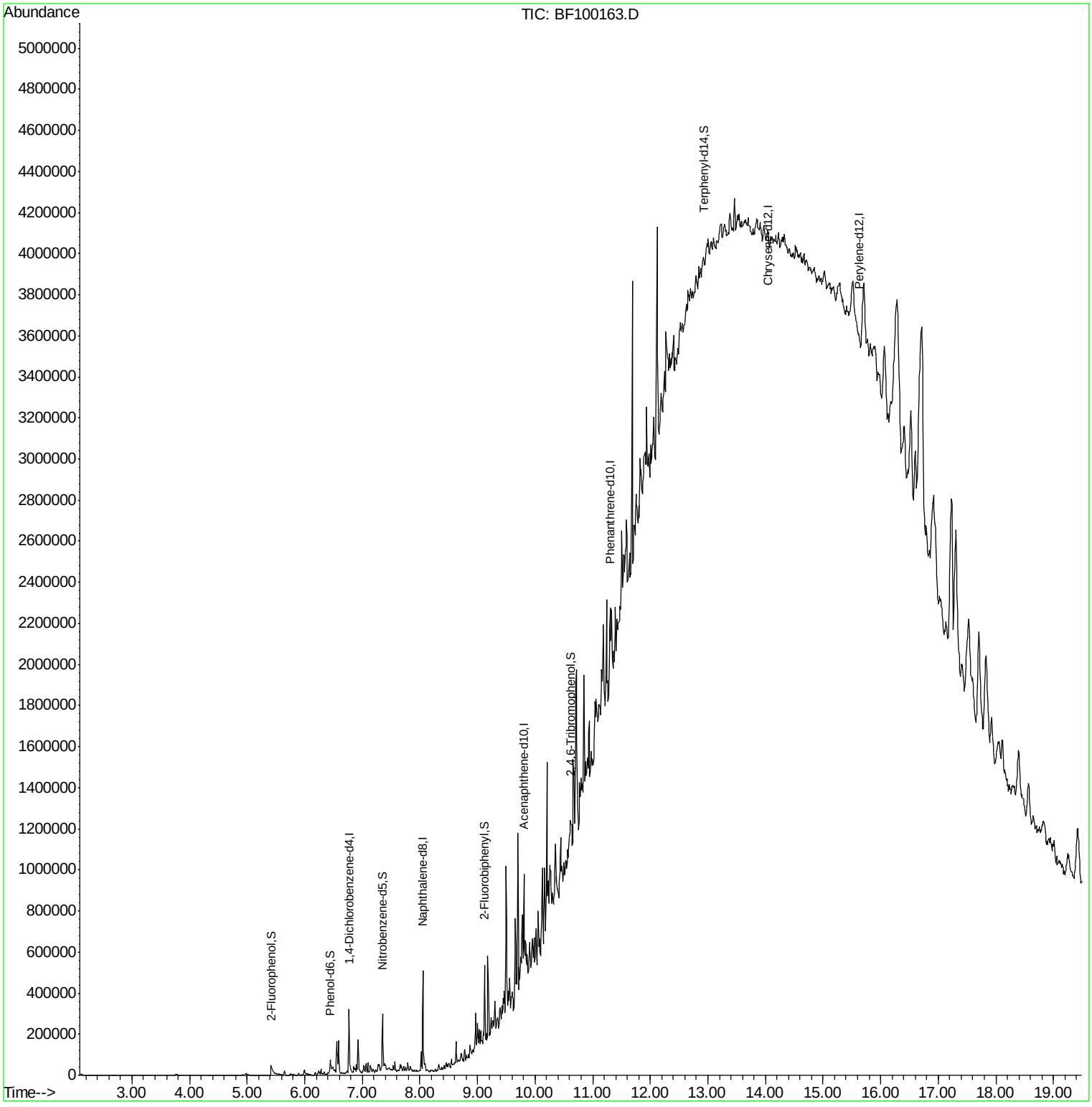
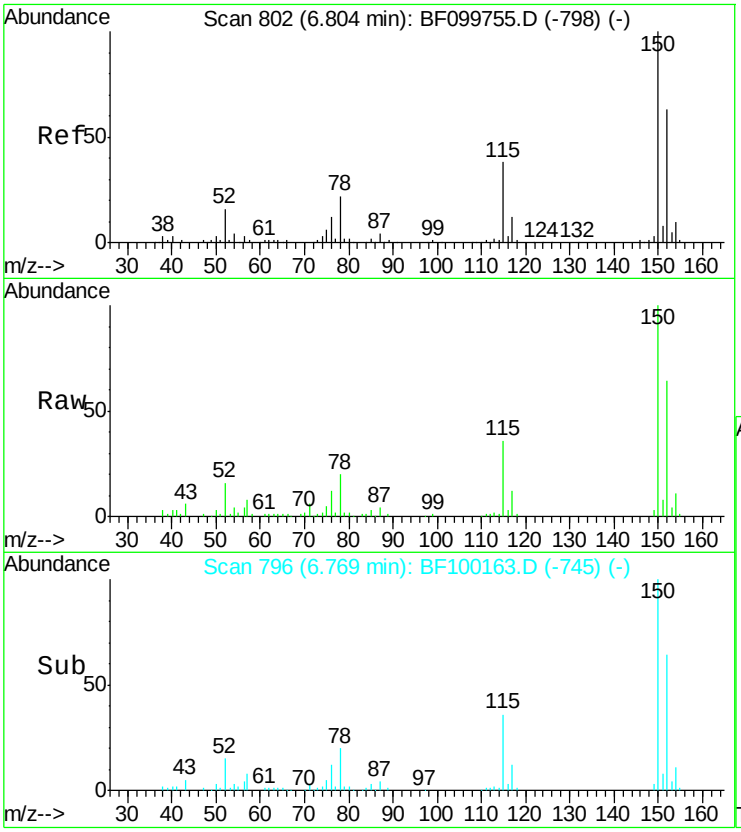
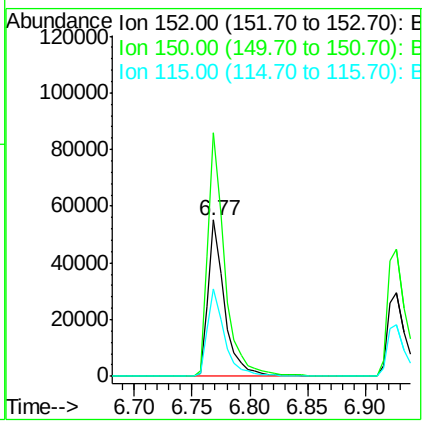




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:152 Resp: 55090

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	56.3	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
CHRT-24646

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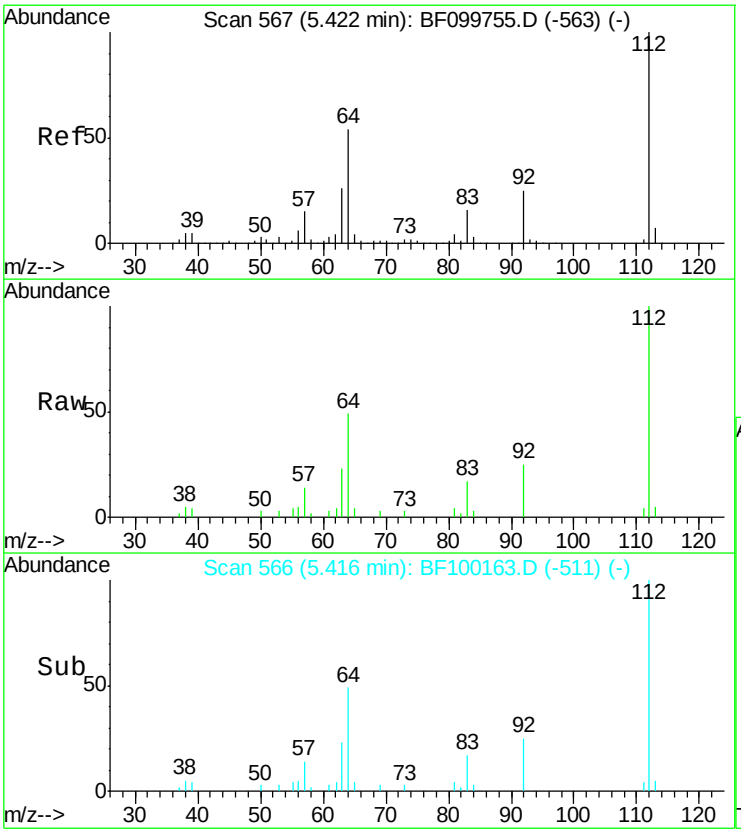
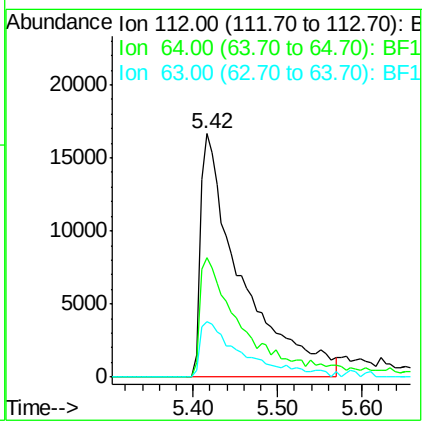
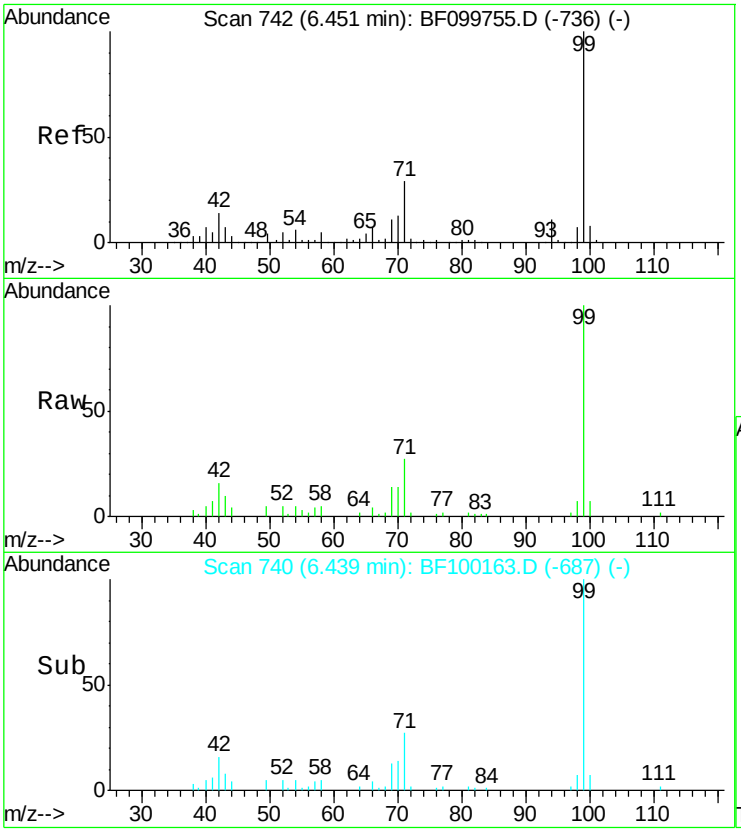


#5
2-Fluorophenol
Concen: 15.767 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:112 Resp: 55325

Ion	Ratio	Lower	Upper
112	100		
64	49.0	47.9	71.9
63	22.6	23.7	35.5#





#7
Phenol-d6
Concen: 17.831 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion: 99 Resp: 74190

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	27.5	25.4	38.0

Instrument :
BNA_F
ClientSampleId :
CHRT-24646

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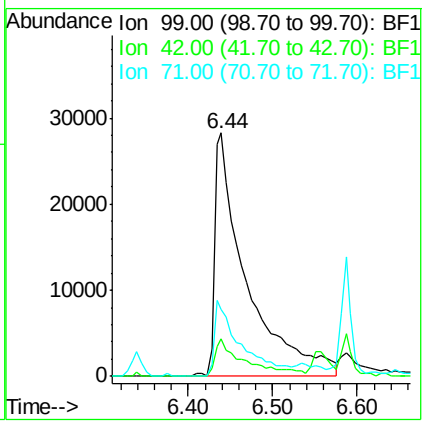
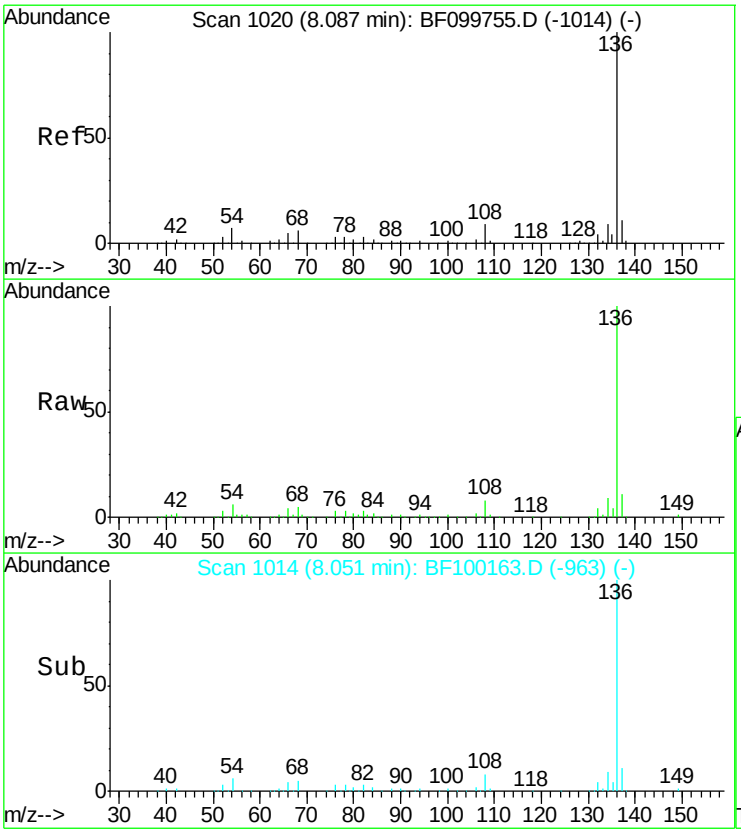
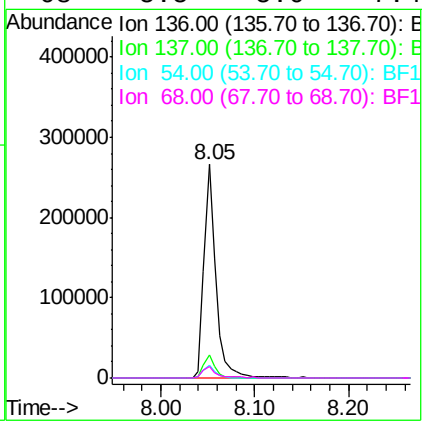


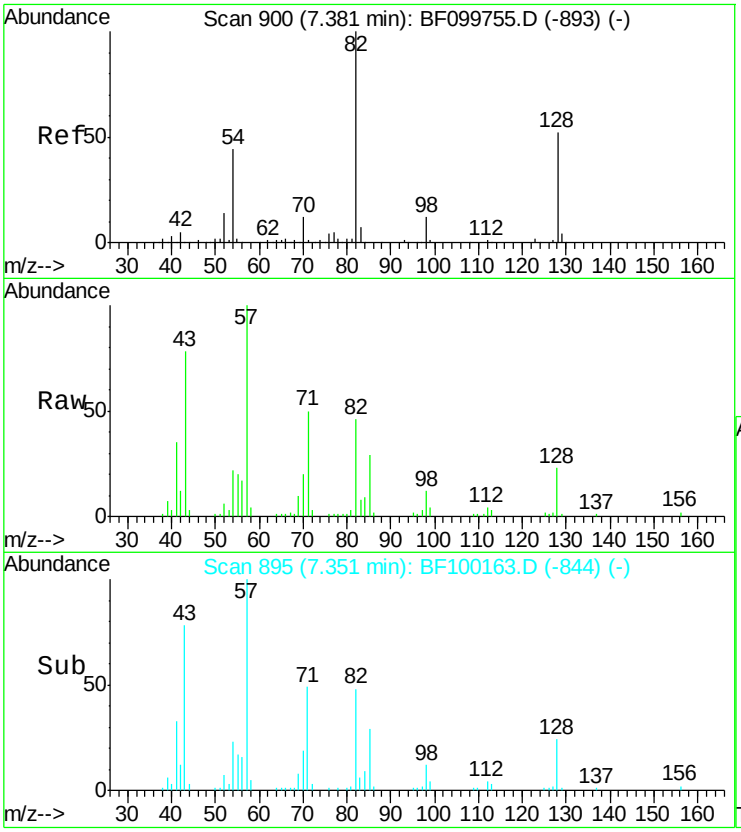


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:136 Resp: 237835

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4

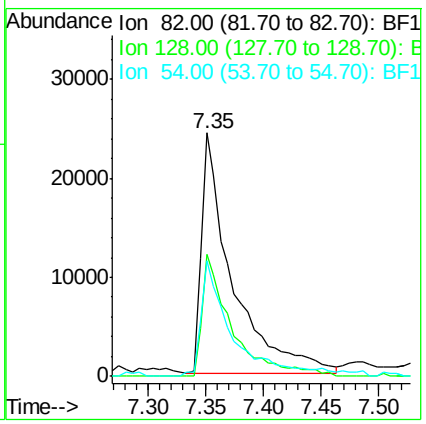




#23
Nitrobenzene-d5
Concen: 12.207 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion: 82 Resp: 45097

Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	47.5	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
CHRT-24646

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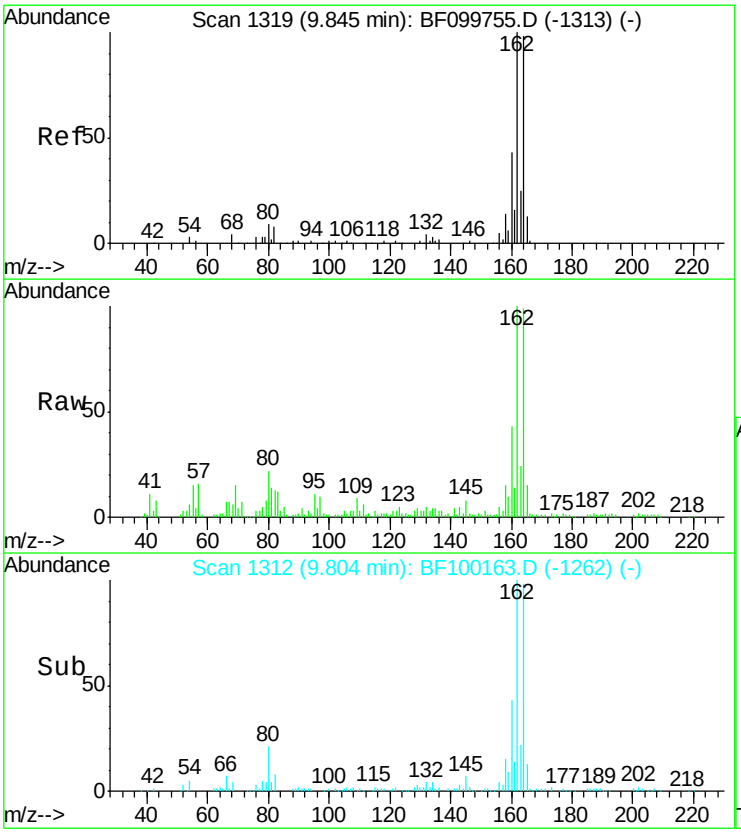
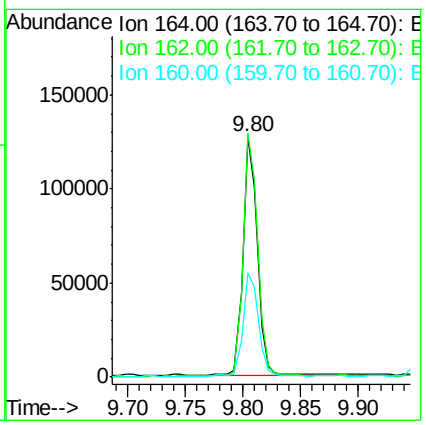
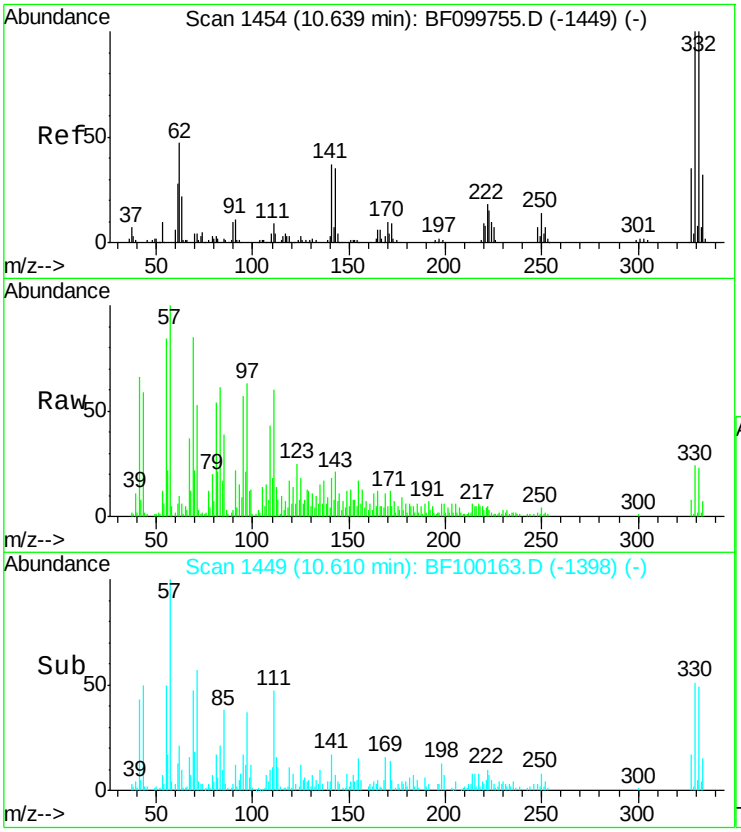


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:164 Resp: 112414

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	43.3	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 13.600 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:330 Resp: 13932

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	74.3	29.9	44.9#

Instrument :
BNA_F
ClientSampleId :
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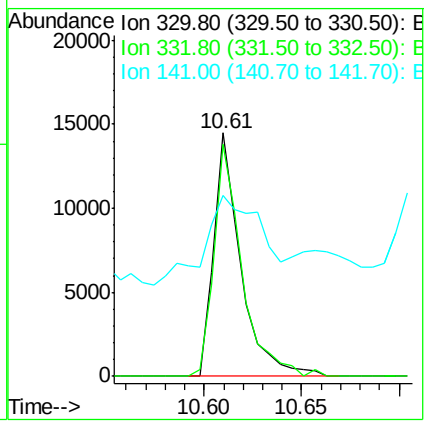
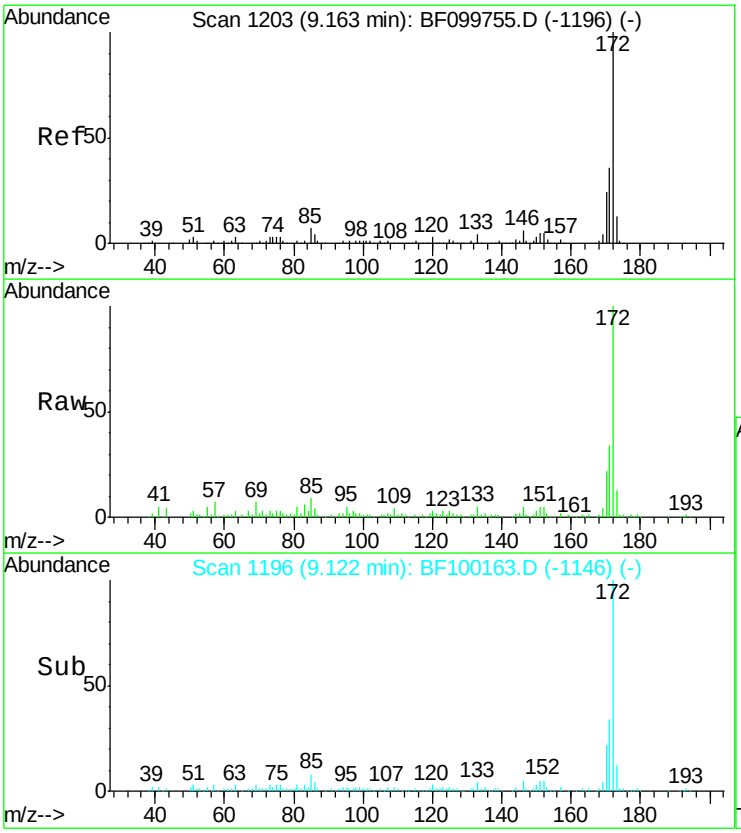
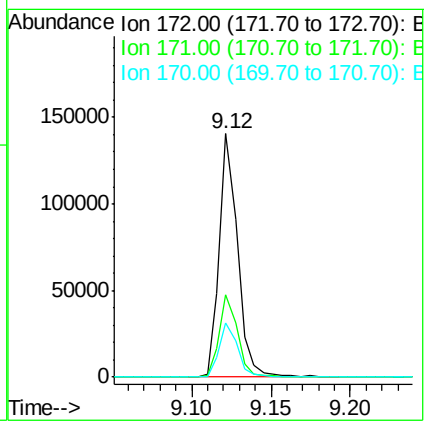


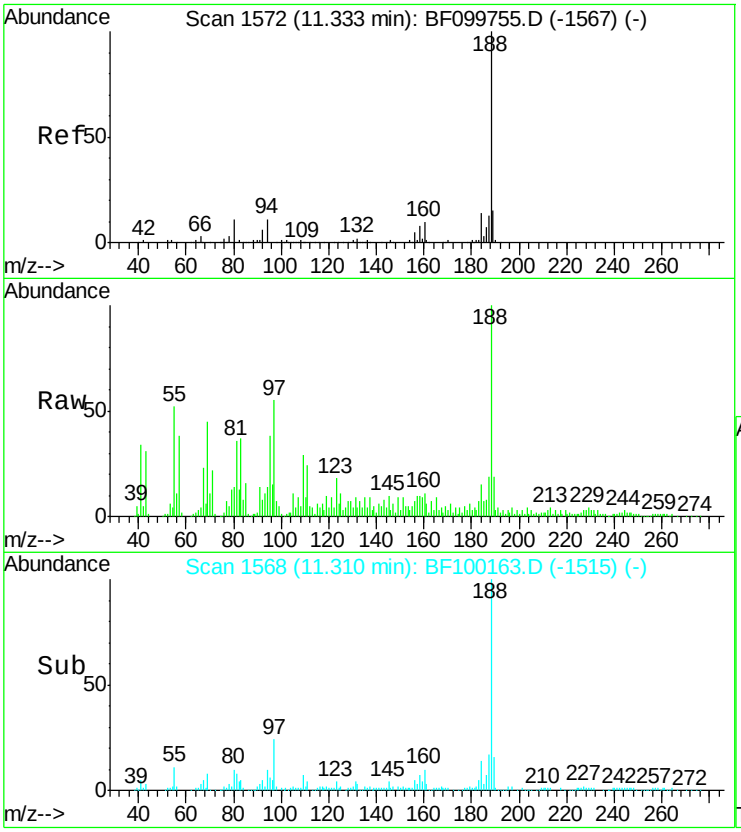


#44
2-Fluorobiphenyl
Concen: 15.487 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:172 Resp: 112839

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.7	44.5
170	22.3	19.6	29.4





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:188 Resp: 140810

Ion	Ratio	Lower	Upper
188	100		
94	14.1	8.5	12.7#
80	13.7	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
CHRT-24646

Manual Integrations APPROVED
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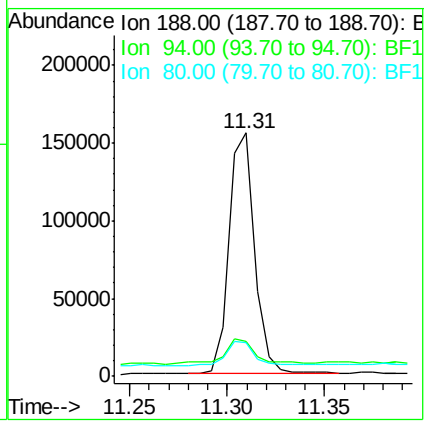
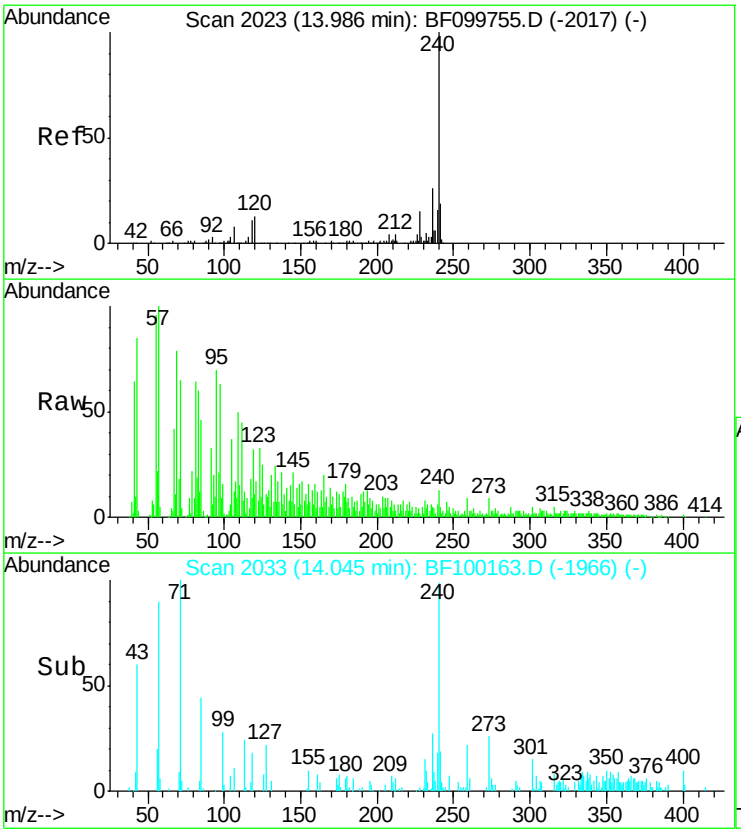
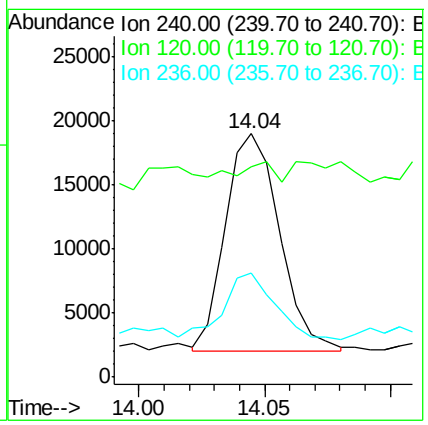


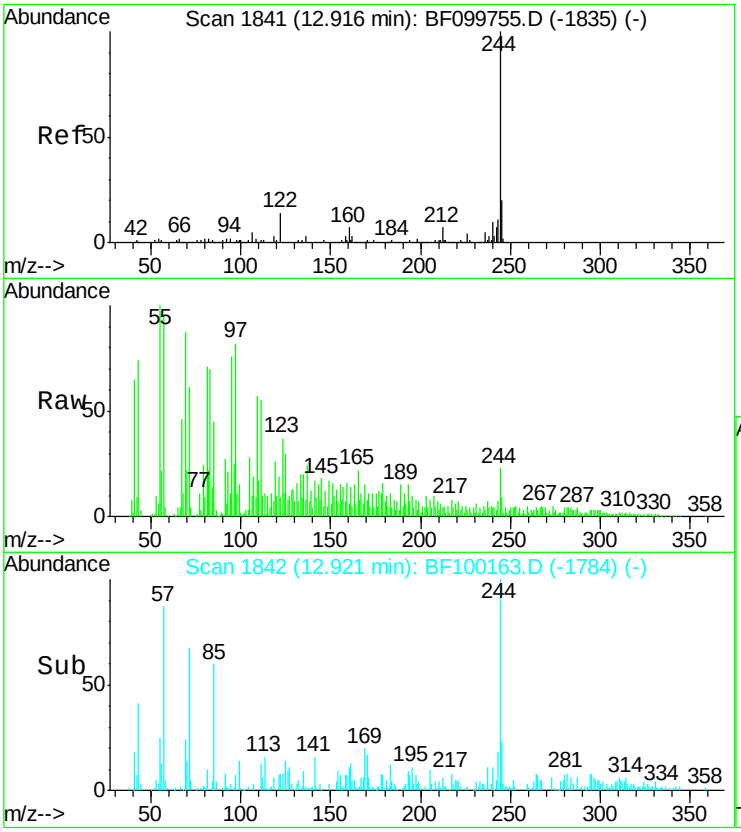


#75
Chrysene-d12
Concen: 20.000 ng m
RT: 14.04 min Scan# 2033
Delta R.T. 0.09 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:240 Resp: 25398

Ion	Ratio	Lower	Upper
240	100		
120	86.3	9.5	14.3#
236	42.8	20.7	31.1#





#78
Terphenyl-d14
Concen: 28.284 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.04 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:244 Resp: 32871

Ion	Ratio	Lower	Upper
244	100		
212	15.5	5.4	8.0#
122	40.8	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
CHRT-24646

Manual Integrations APPROVED
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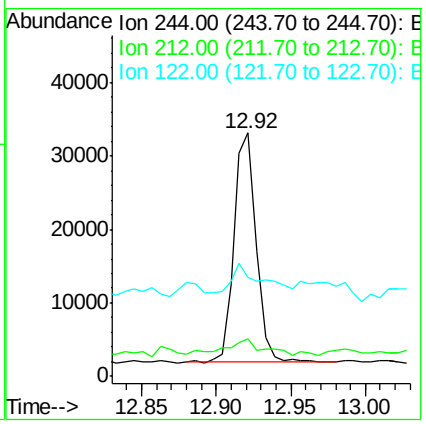

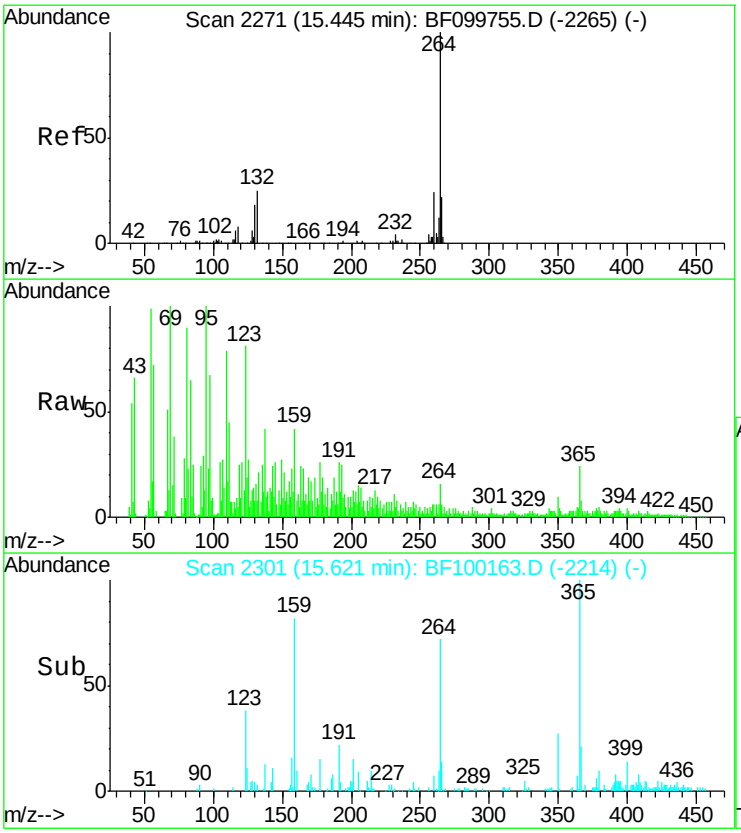

#86
Perylene-d12
Concen: 20.000 ng m
RT: 15.62 min Scan# 2301
Delta R.T. 0.21 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:264 Resp: 29960

Ion	Ratio	Lower	Upper
264	100		
260	37.5	19.2	28.8#
265	38.1	17.5	26.3#