Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091563.D
Acq On : 13 Dec 2016 19:30
Operator : UM/SJ
Sample : H5961-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Time: Dec 14 01:12:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	289757	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1173147	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	541093	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	802923	20.00	ng	0.00
75) Chrysene-d12	13.96	240	636226	20.00	ng	0.00
86) Perylene-d12	15.38	264	629108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	812513	47.24	ng	0.00
7) Phenol-d6	6.45	99	646755	30.16	ng	0.00
23) Nitrobenzene-d5	7.38	82	1603353	76.28	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	477793	106.31	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2491339	79.56	ng	-0.01
78) Terphenyl-d14	12.92	244	1830868	65.30	ng	0.00
Target Compounds						Qvalue

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

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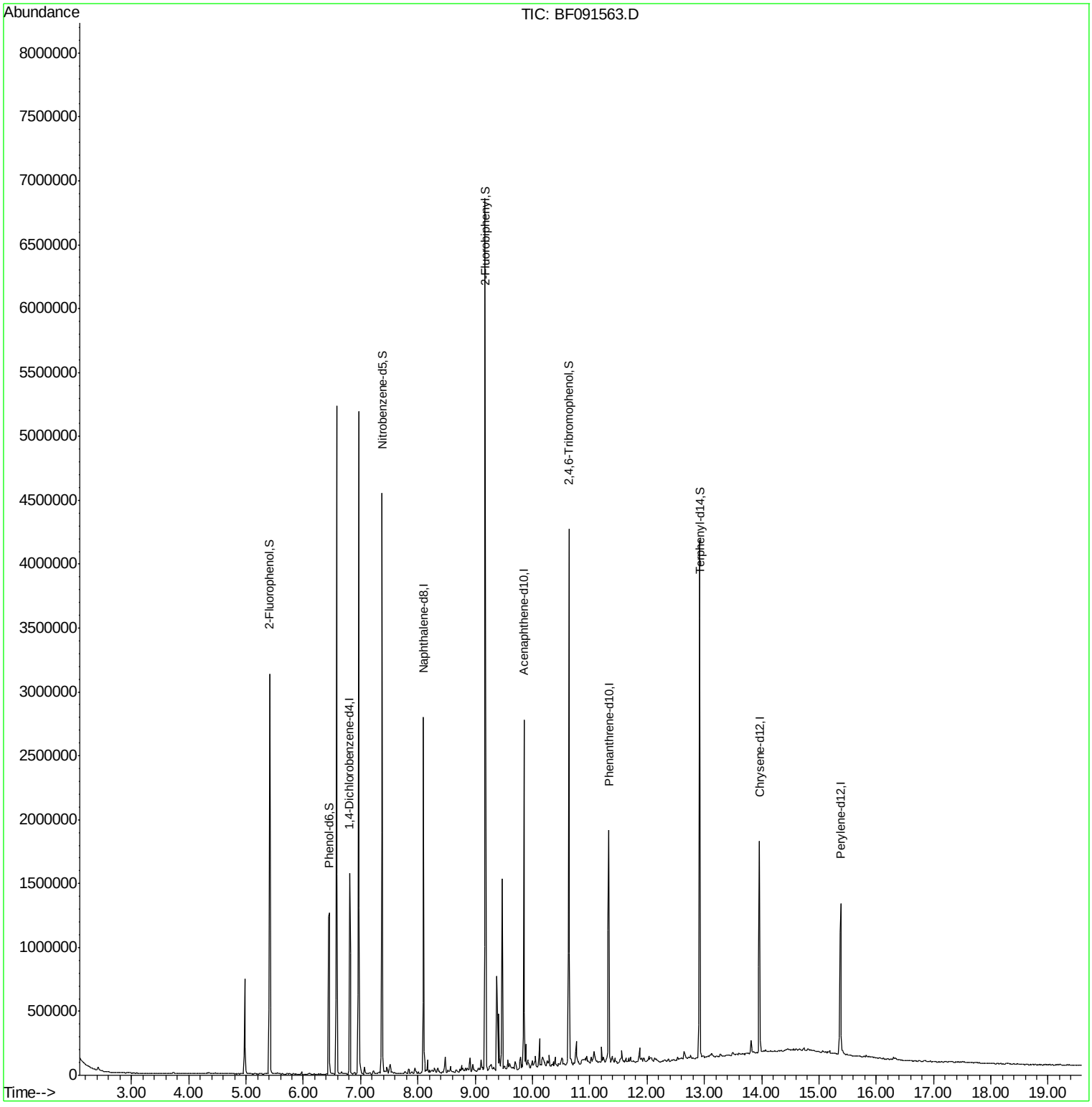
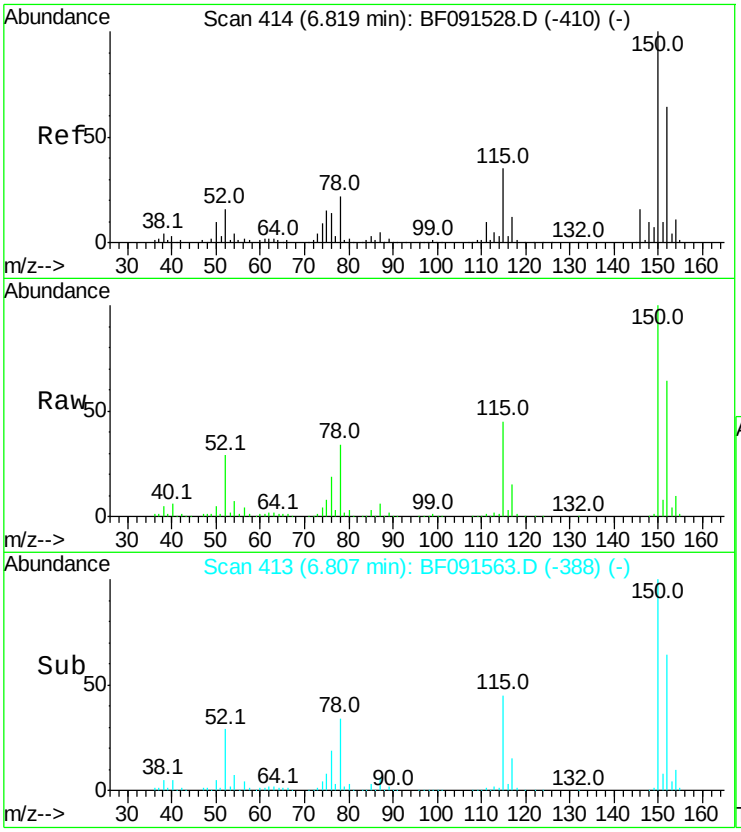


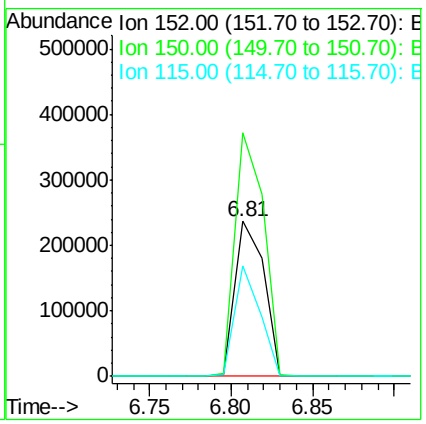


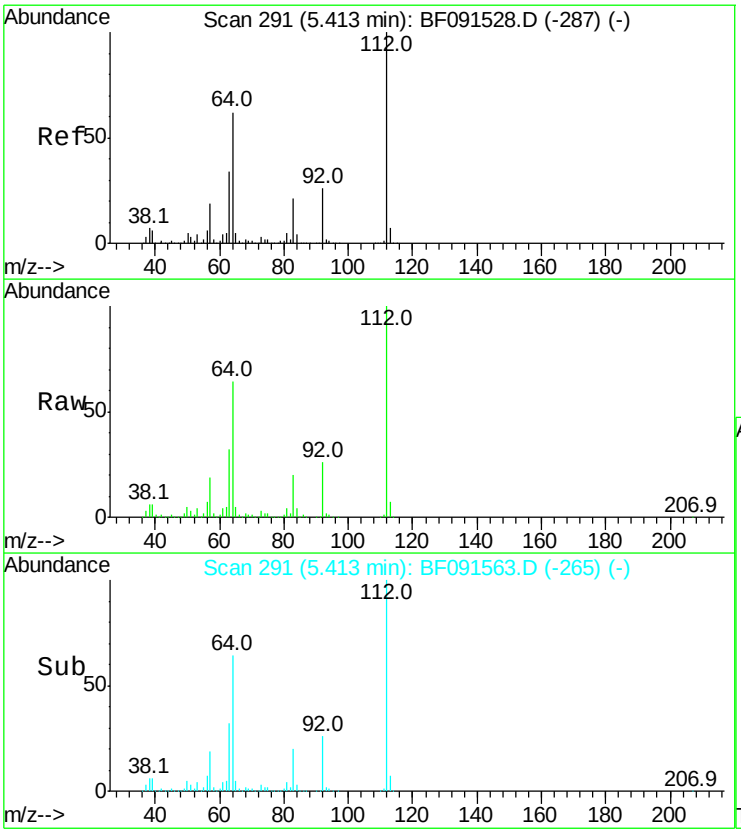
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:152 Resp: 289757

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.5	183.7
115	71.0	51.8	77.8

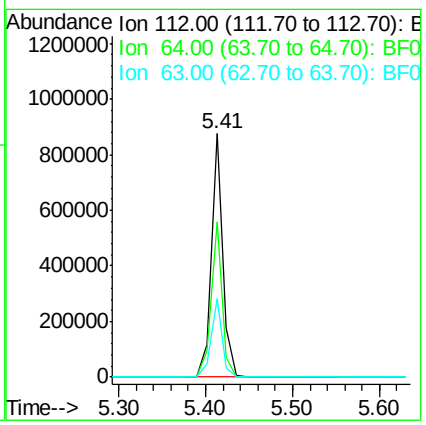


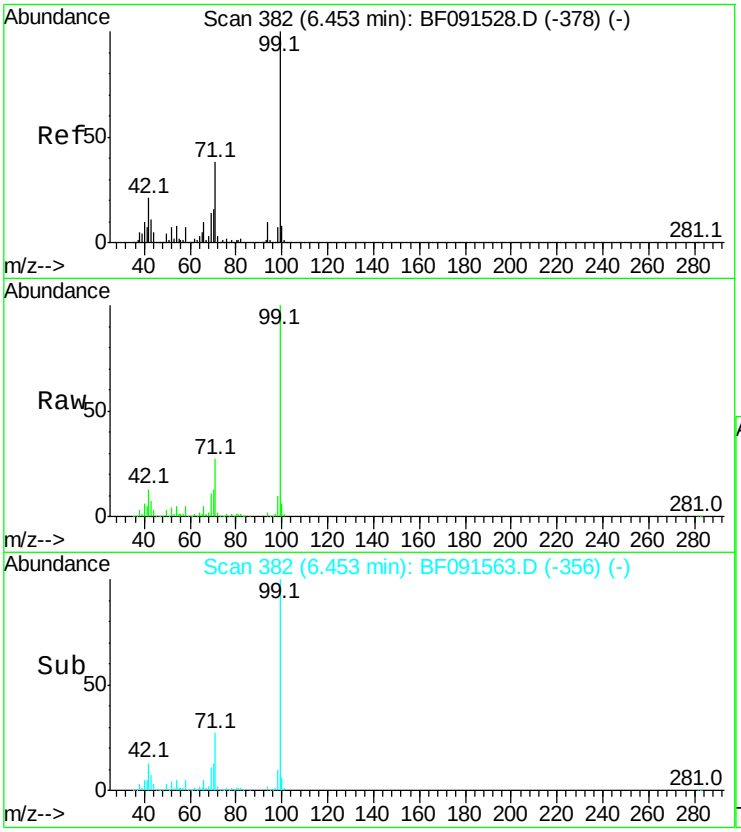


#5
2-Fluorophenol
Concen: 47.24 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Tgt Ion:112 Resp: 812513

Ion	Ratio	Lower	Upper
112	100		
64	63.7	61.5	92.3
63	32.3	33.3	49.9#



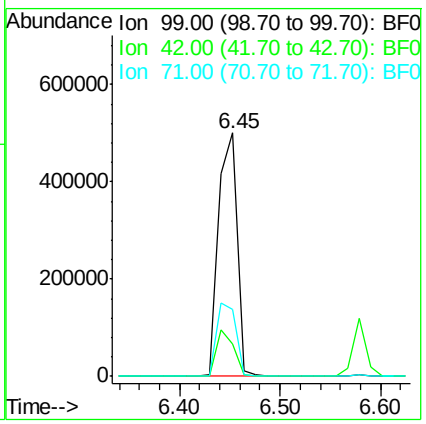


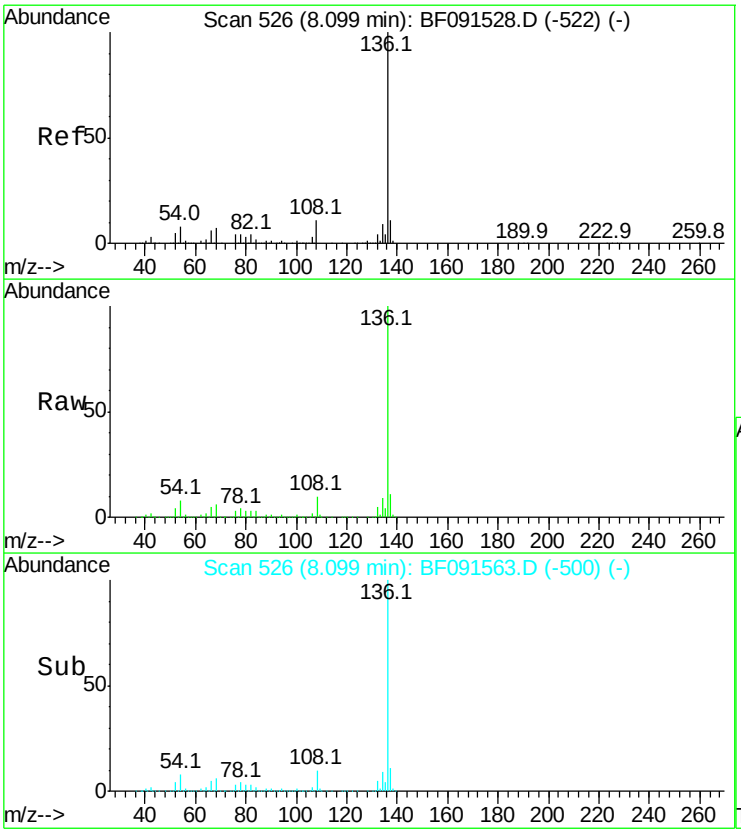
#7
Phenol-d6
Concen: 30.16 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion: 99 Resp: 646755

Ion	Ratio	Lower	Upper
99	100		
42	13.4	20.6	31.0#
71	27.3	29.9	44.9#

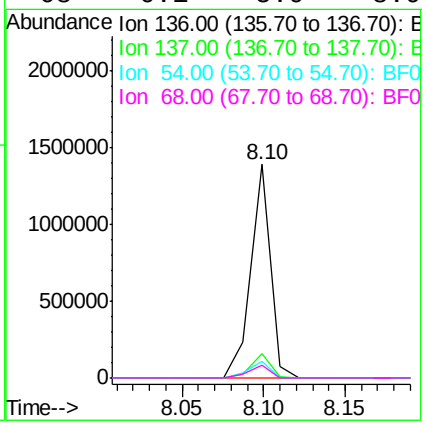


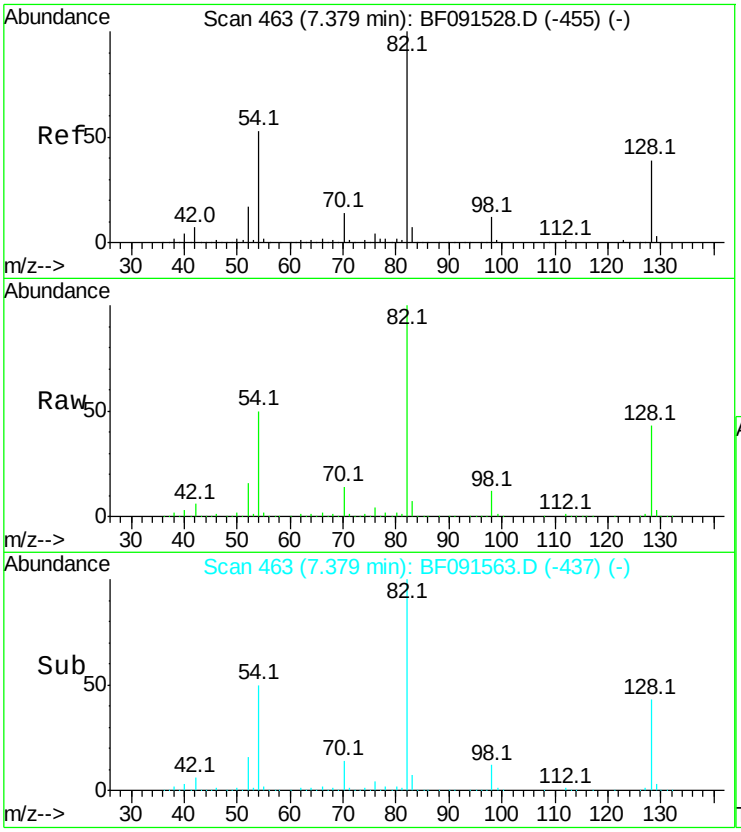


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Tgt Ion:136 Resp: 1173147

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	9.1	13.7#
68	6.1	5.9	8.9



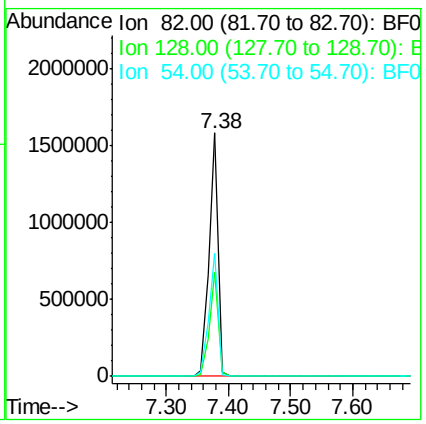


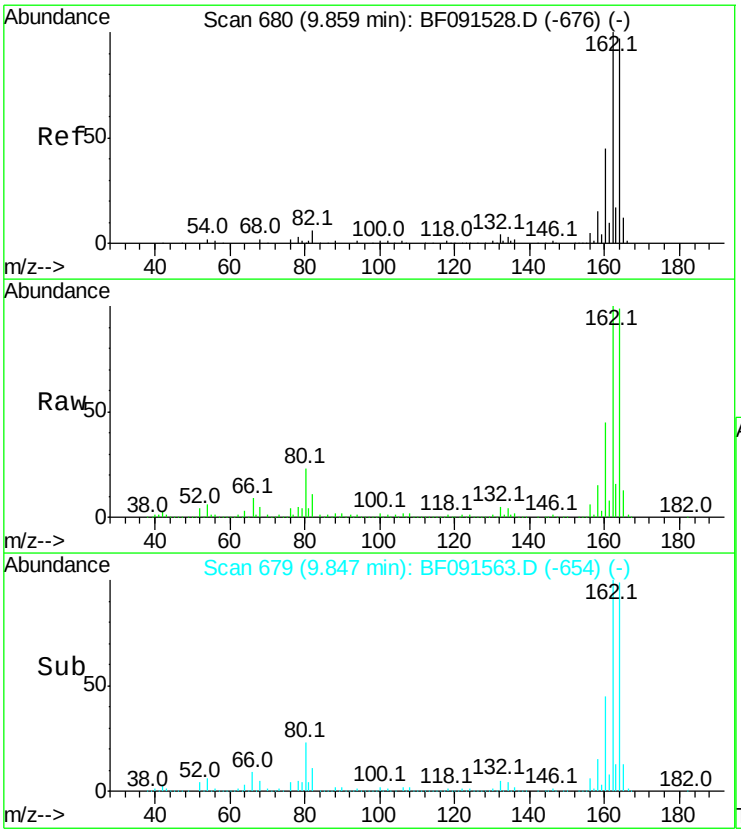
#23
Nitrobenzene-d5
Concen: 76.28 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion: 82 Resp: 1603353

Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.8	47.6
54	50.4	49.1	73.7

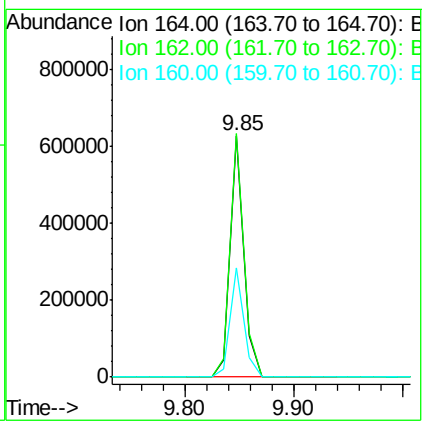


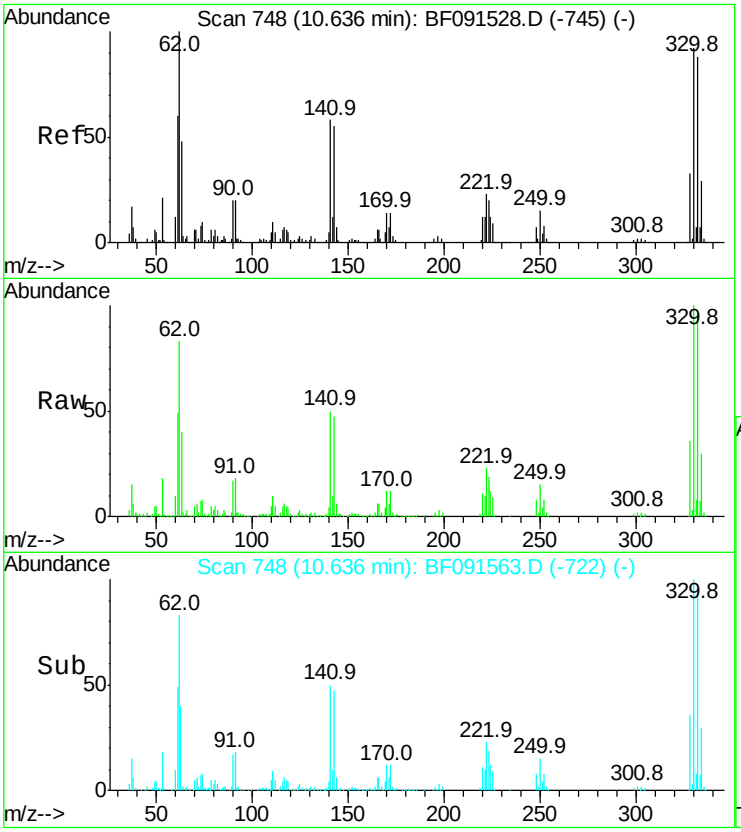


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Tgt Ion:164 Resp: 541093

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	124.0
160	45.1	36.7	55.1



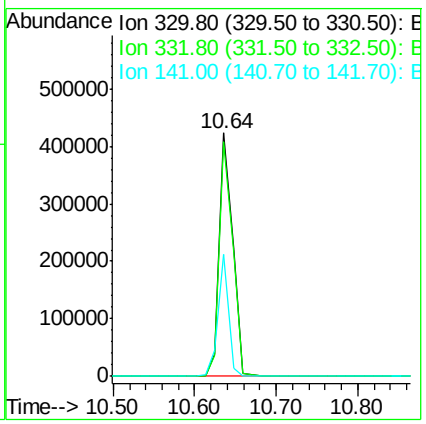


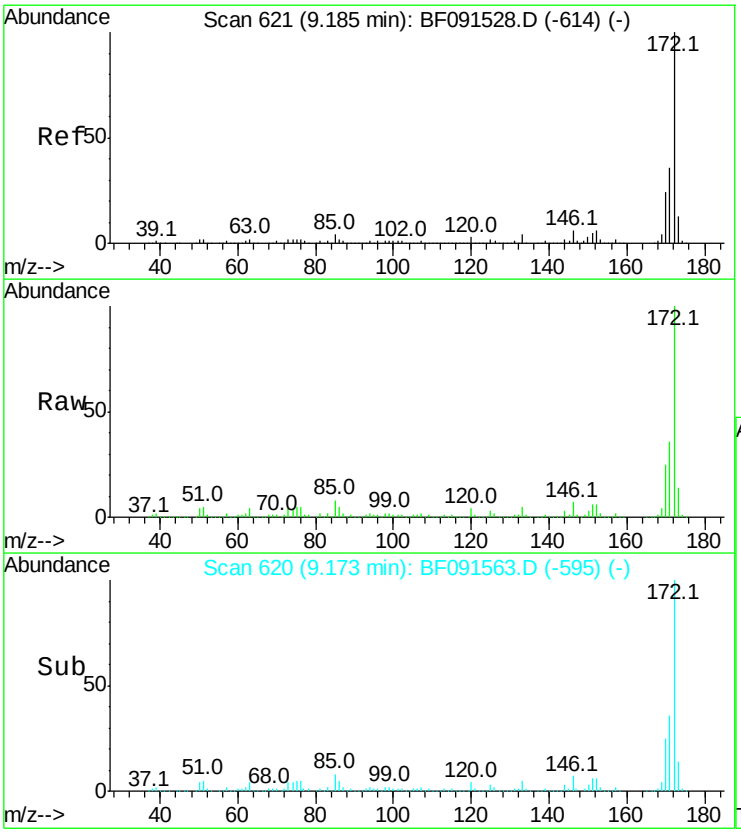
#41
2,4,6-Tribromophenol
Concen: 106.31 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:330 Resp: 477793

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	40.3	33.6	50.4

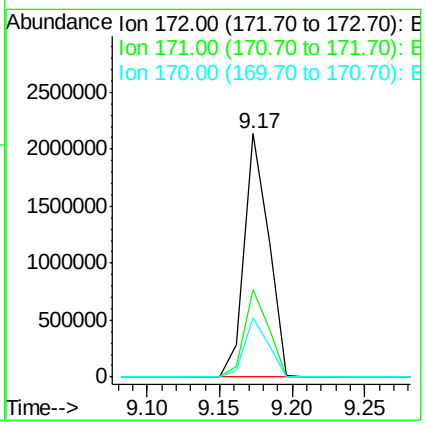


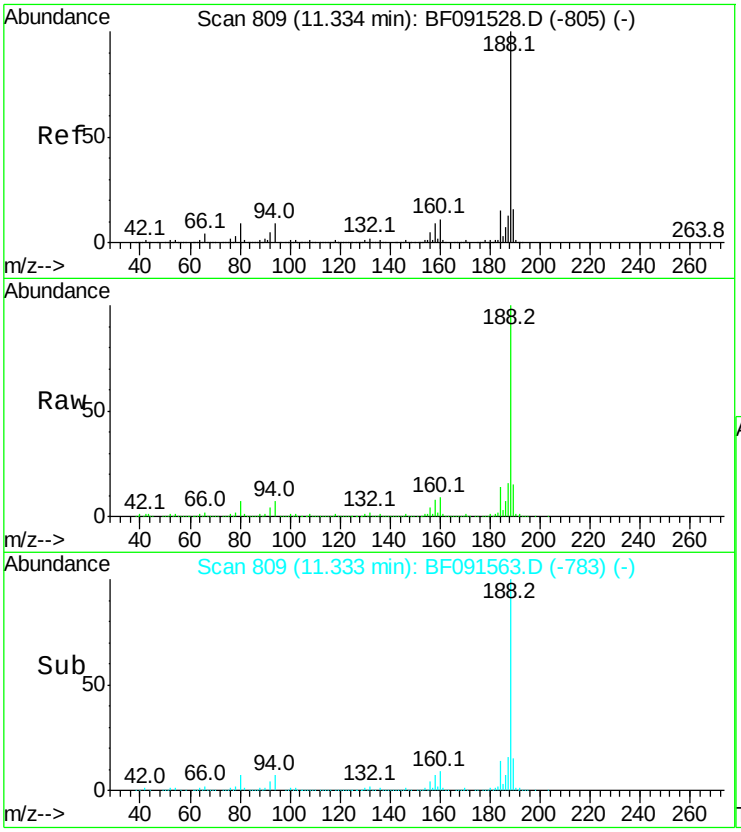


#44
2-Fluorobiphenyl
Concen: 79.56 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Tgt Ion:172 Resp: 2491339

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.6	19.7	29.5



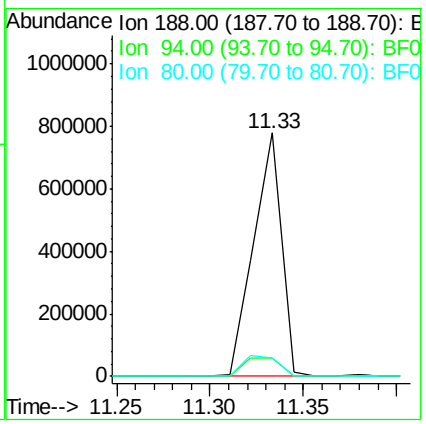


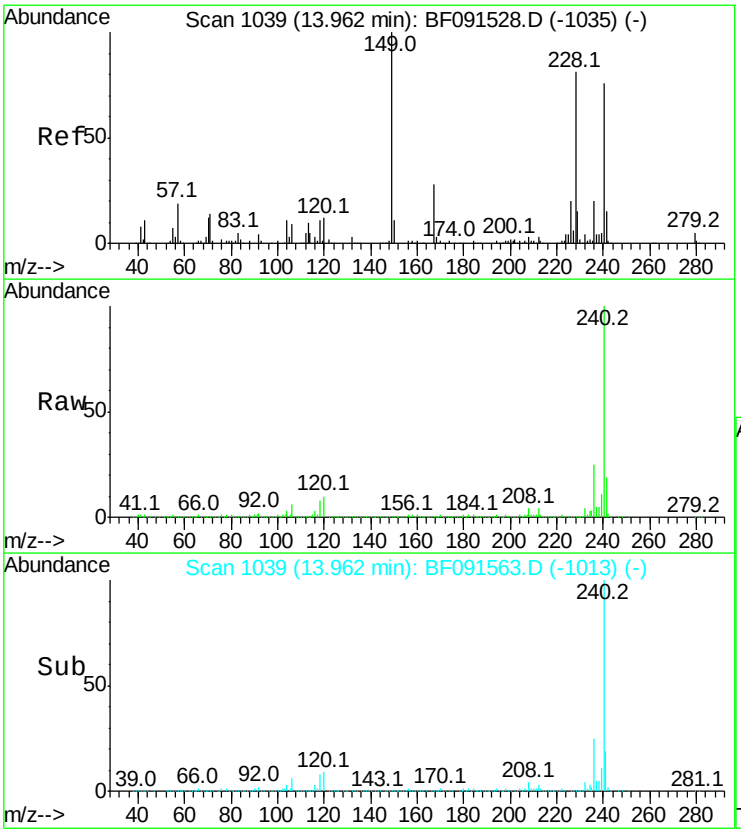
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:188 Resp: 802923

Ion	Ratio	Lower	Upper
188	100		
94	7.3	9.2	13.8#
80	7.3	10.5	15.7#

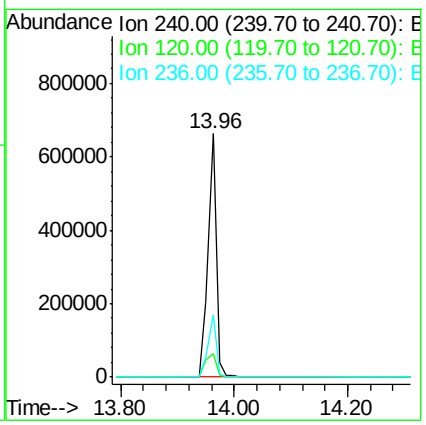


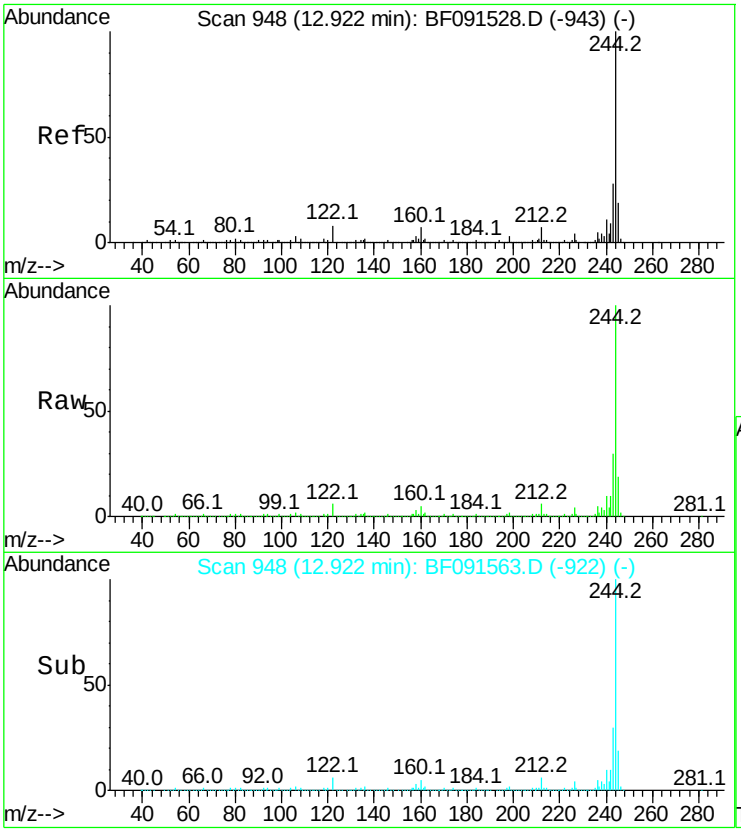


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Tgt Ion:240 Resp: 636226

Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.1	18.1#
236	25.5	21.0	31.6



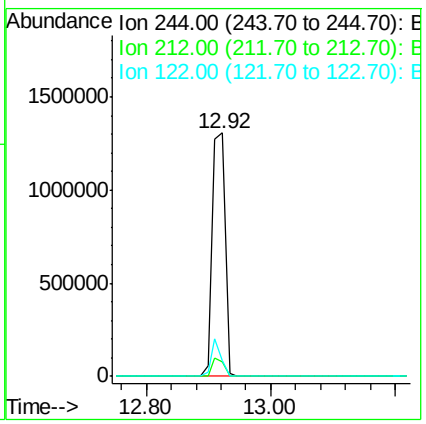


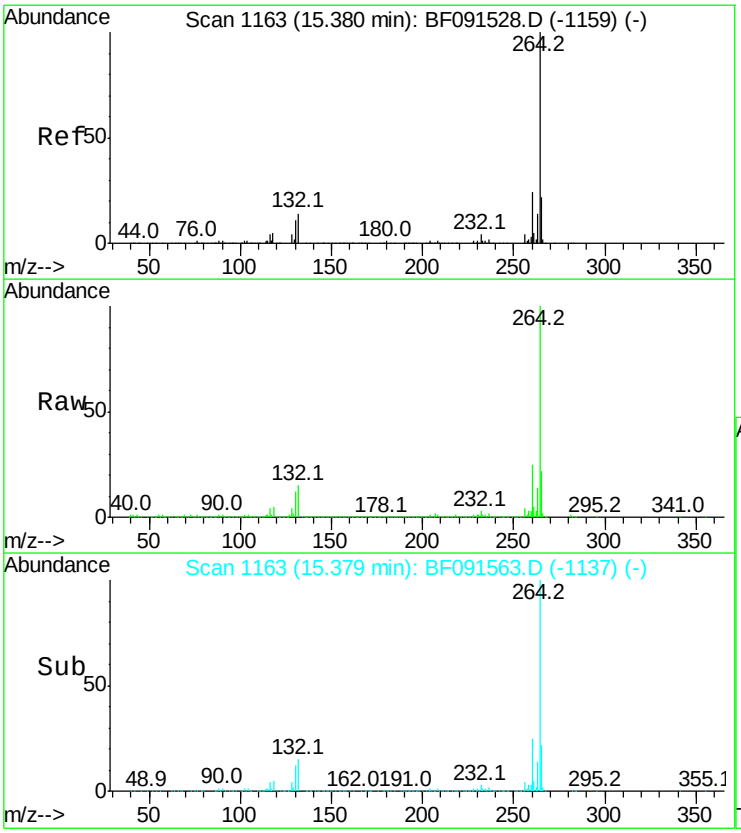
#78
Terphenyl-d14
Concen: 65.30 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:244 Resp: 1830868

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.5	9.7#
122	6.3	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091563.D
Acq: 13 Dec 2016 19:30

Tgt Ion:264 Resp: 629108

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	21.7	17.0	25.6