Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
Data File : BF092065.D
Acq On : 3 Jan 2017 17:21
Operator : UM/SJ
Sample : H6322-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP9-COMP9

Quant Time: Jan 04 00:42:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170793	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	722920	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	381679	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	615281	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	535084	20.00	ng	-0.05
86) Perylene-d12	15.19	264	401373	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1612945	157.69	ng	-0.04
7) Phenol-d6	6.33	99	1540953	123.39	ng	-0.05
23) Nitrobenzene-d5	7.24	82	1112911	85.60	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	510904	161.75	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2149330	120.82	ng	-0.04
78) Terphenyl-d14	12.78	244	1893673	85.83	ng	-0.04
Target Compounds						Qvalue

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

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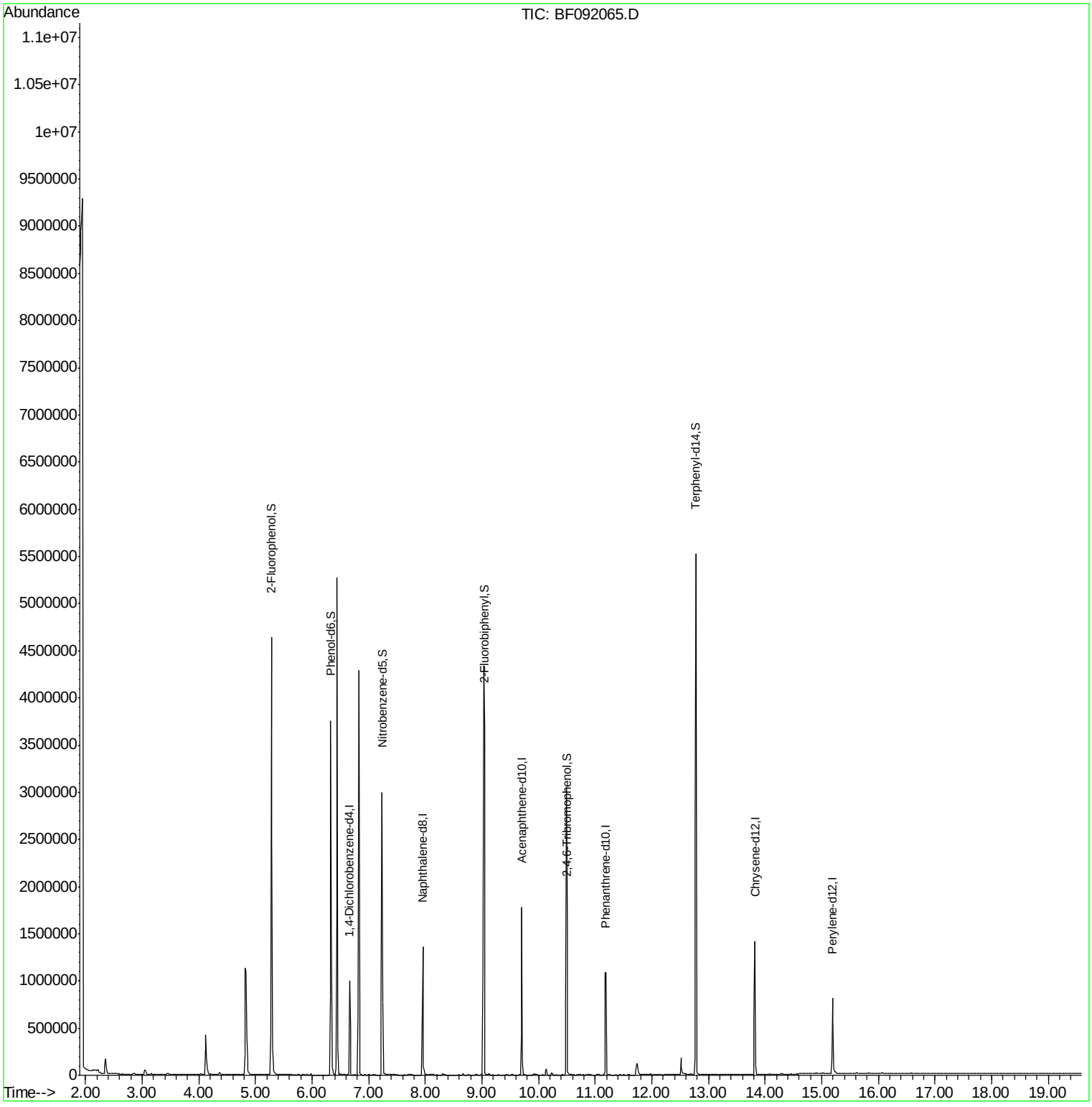
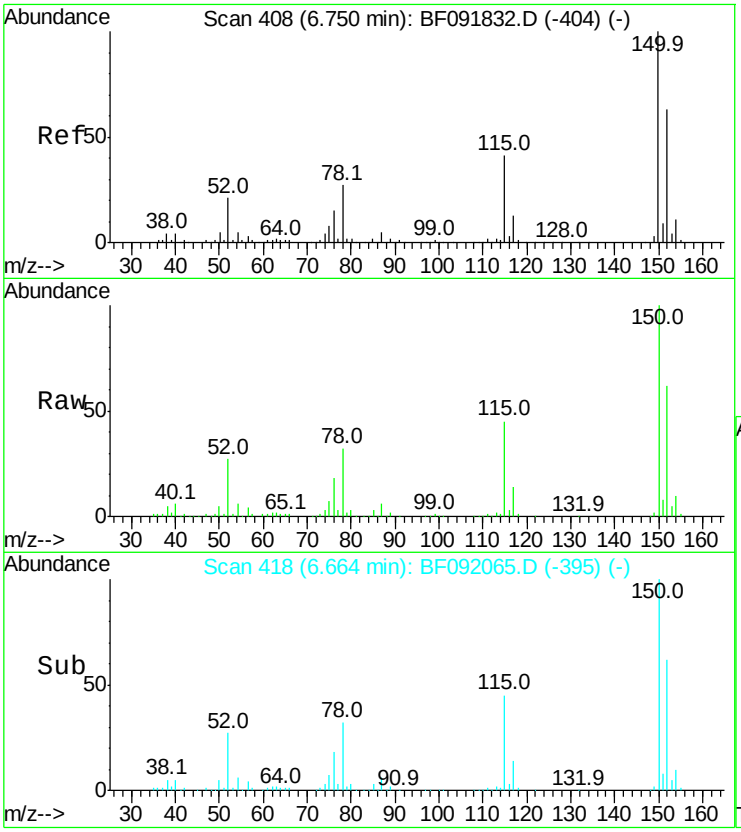


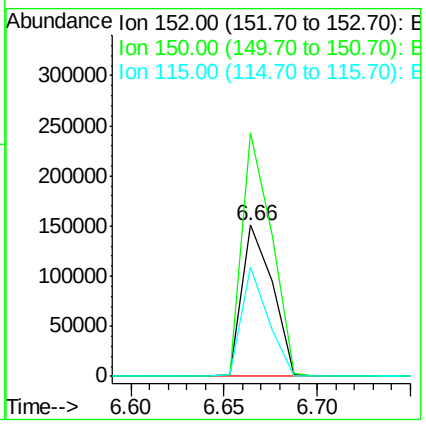


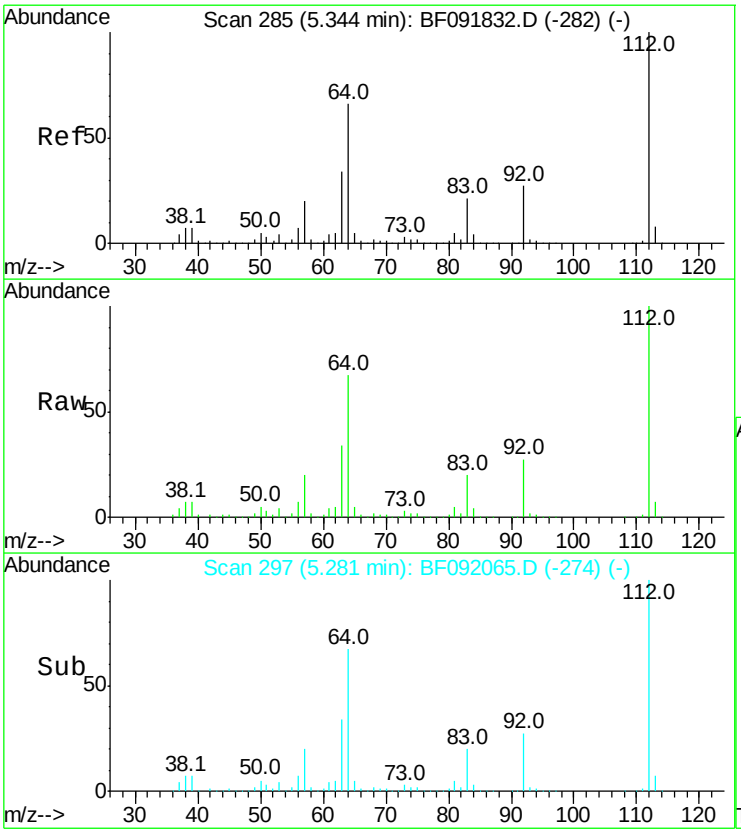
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 418
Delta R.T. -0.04 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9

Tgt Ion:152 Resp: 170793

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.9	187.3
115	72.6	46.0	69.0#

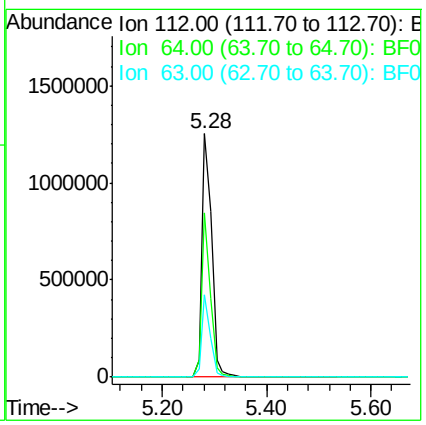


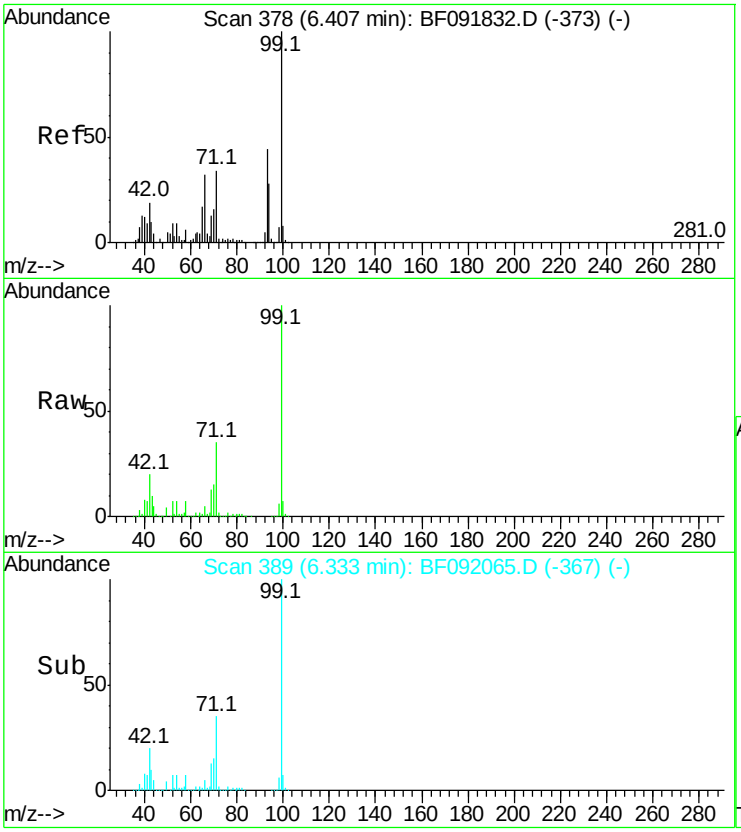


#5
2-Fluorophenol
Concen: 157.69 ng
RT: 5.28 min Scan# 297
Delta R.T. -0.04 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Tgt Ion:112 Resp: 1612945

Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.1	69.1
63	33.7	23.8	35.6



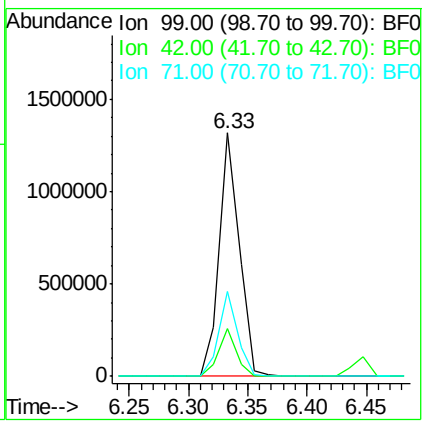


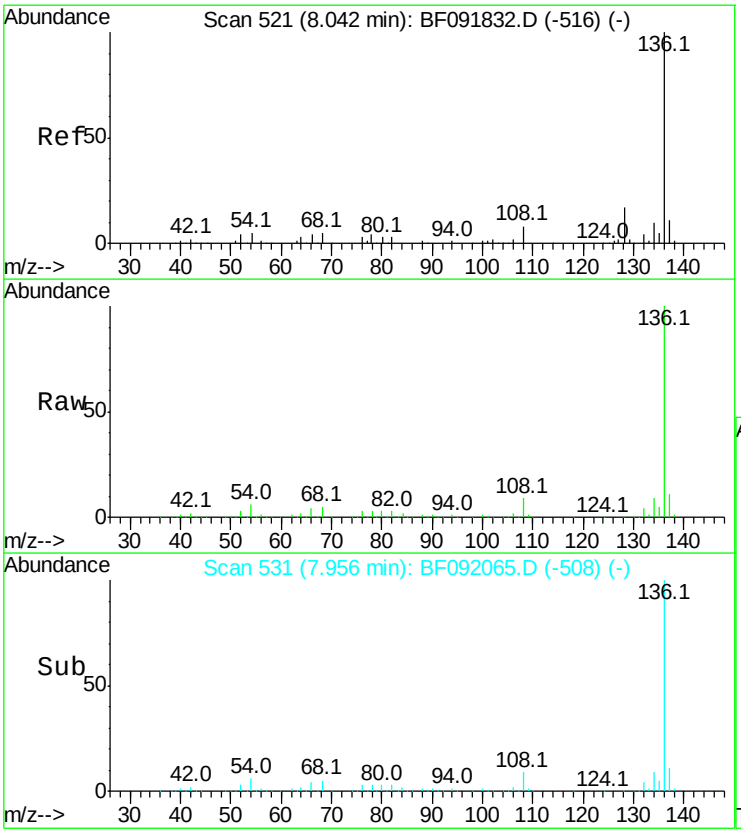
#7
Phenol-d6
Concen: 123.39 ng
RT: 6.33 min Scan# 389
Delta R.T. -0.05 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9

Tgt Ion: 99 Resp: 1540953

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.6	23.4
71	35.0	27.5	41.3

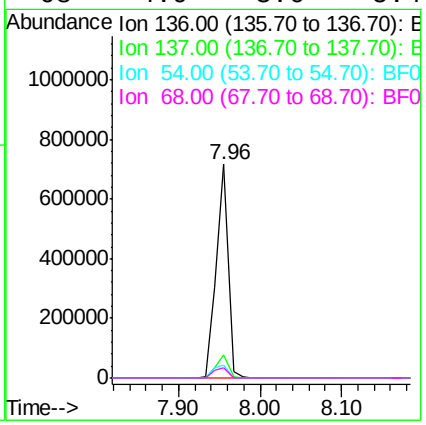


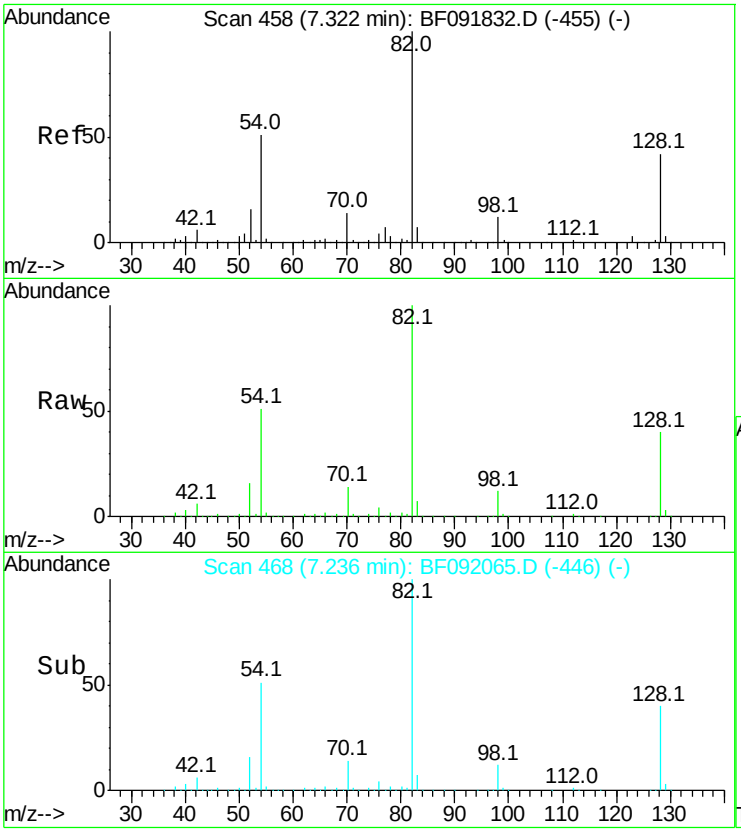


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Tgt Ion:136 Resp: 722920

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.2	4.5	6.7
68	4.9	3.6	5.4



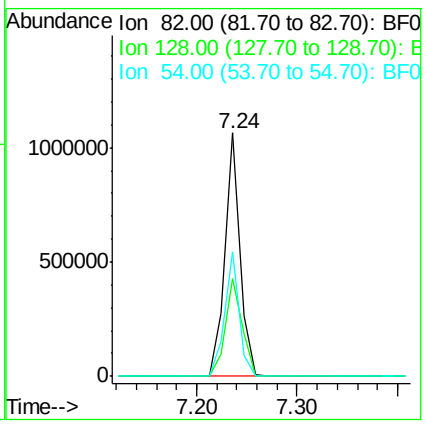


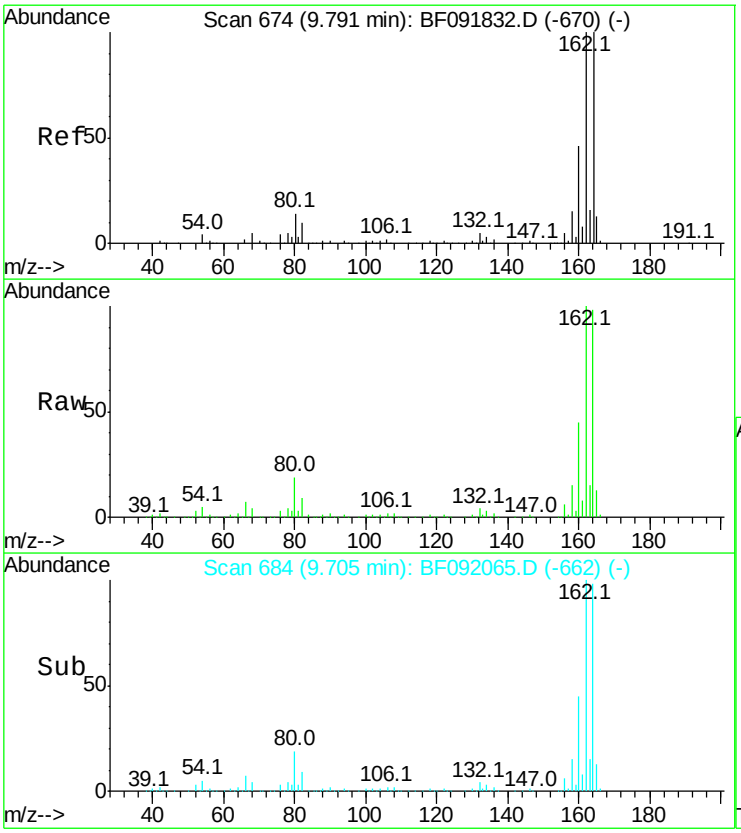
#23
Nitrobenzene-d5
Concen: 85.60 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9

Tgt Ion: 82 Resp: 1112911

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.6	52.0
54	51.1	39.5	59.3

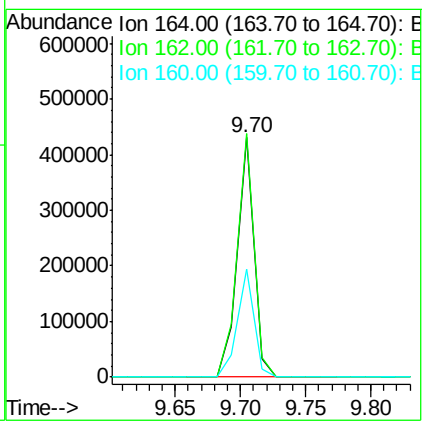


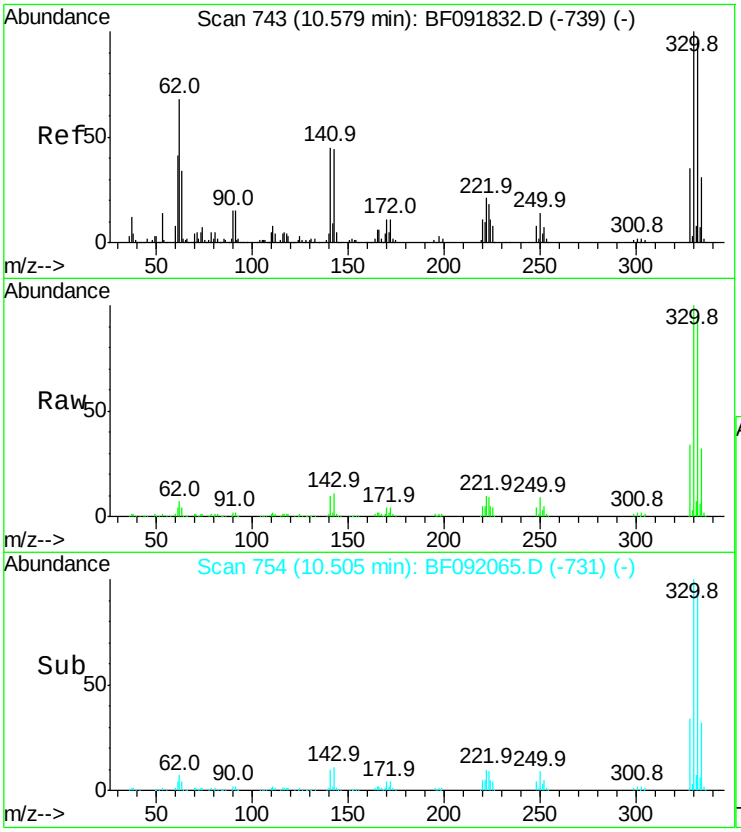


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Tgt Ion:164 Resp: 381679

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	45.4	36.9	55.3

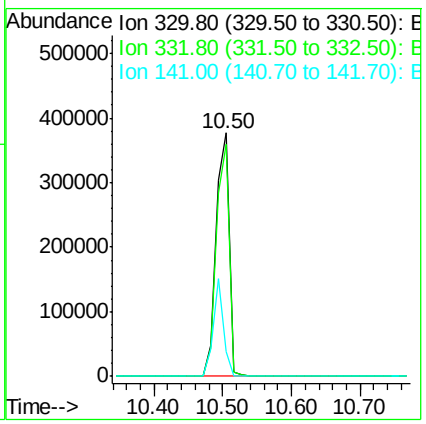




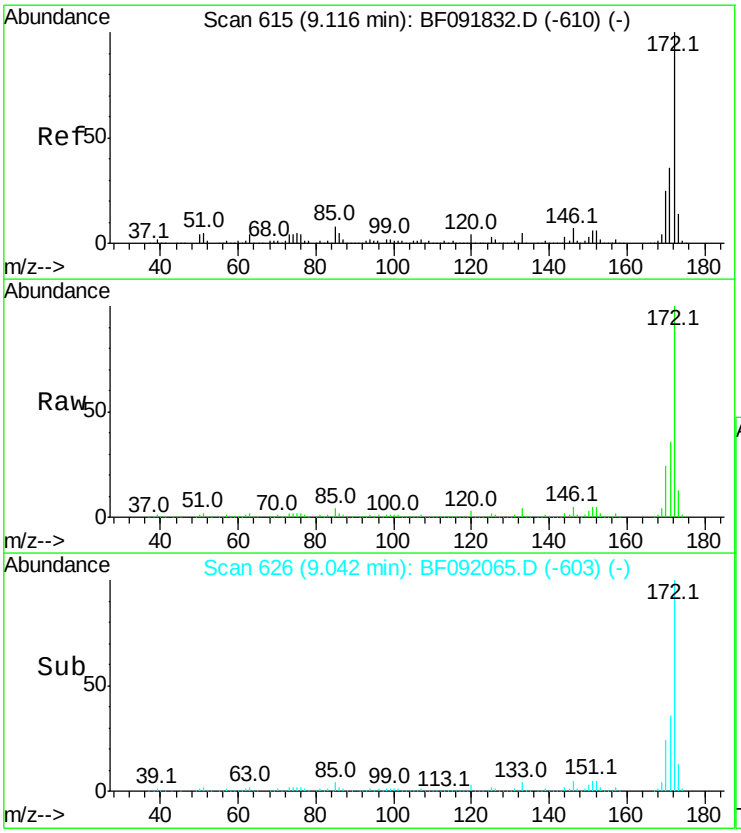
#41
2,4,6-Tribromophenol
Concen: 161.75 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.04 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Tgt Ion:330 Resp: 510904

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.2
141	31.9	34.1	51.1#



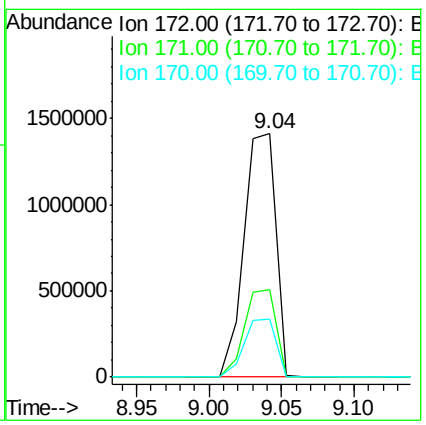
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9

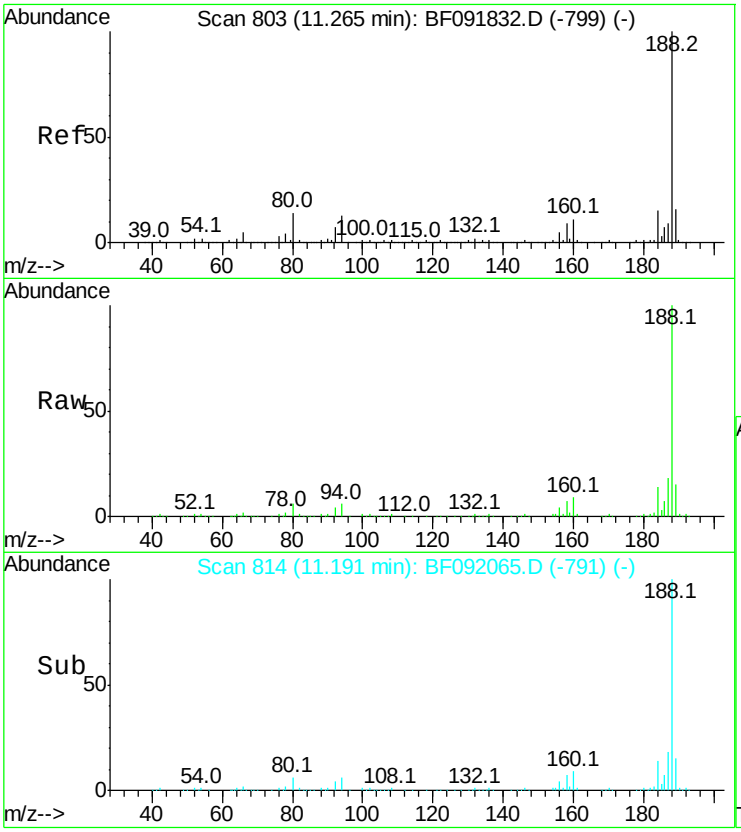


#44
2-Fluorobiphenyl
Concen: 120.82 ng
RT: 9.04 min Scan# 626
Delta R.T. -0.04 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Tgt Ion:172 Resp: 2149330

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.9	20.2	30.4



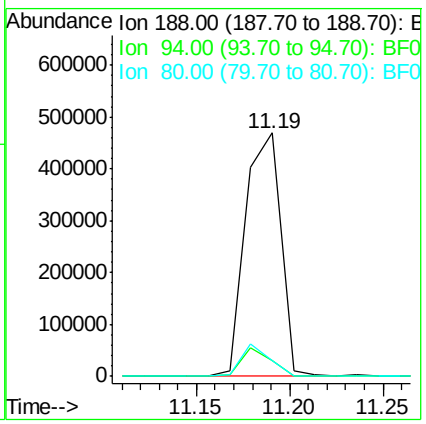


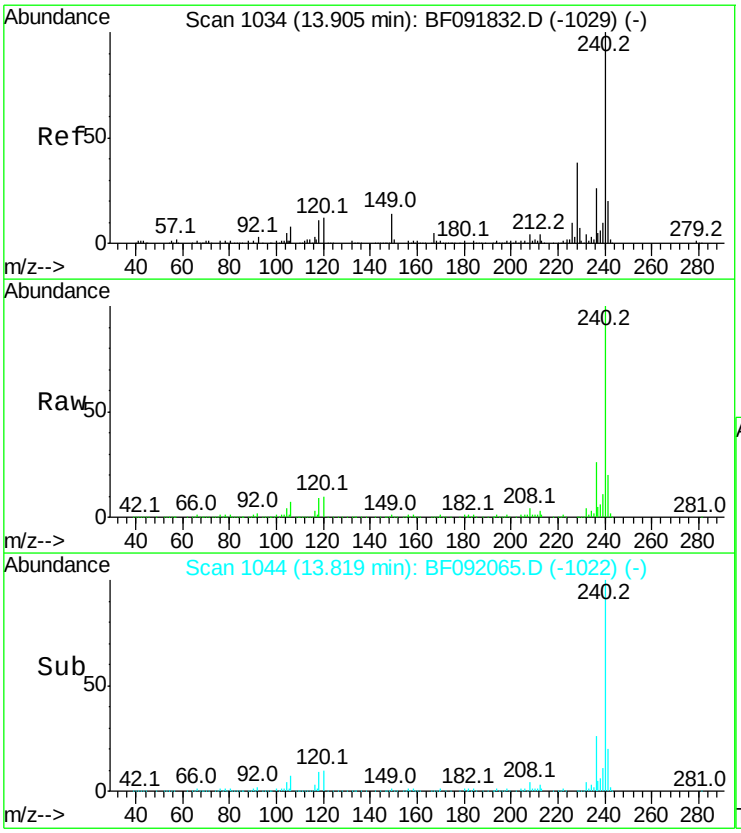
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 814
Delta R.T. -0.04 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9

Tgt Ion:188 Resp: 615281

Ion	Ratio	Lower	Upper
188	100		
94	6.3	10.0	15.0#
80	6.3	11.2	16.8#

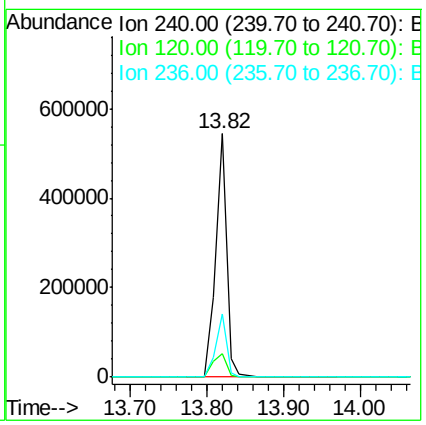


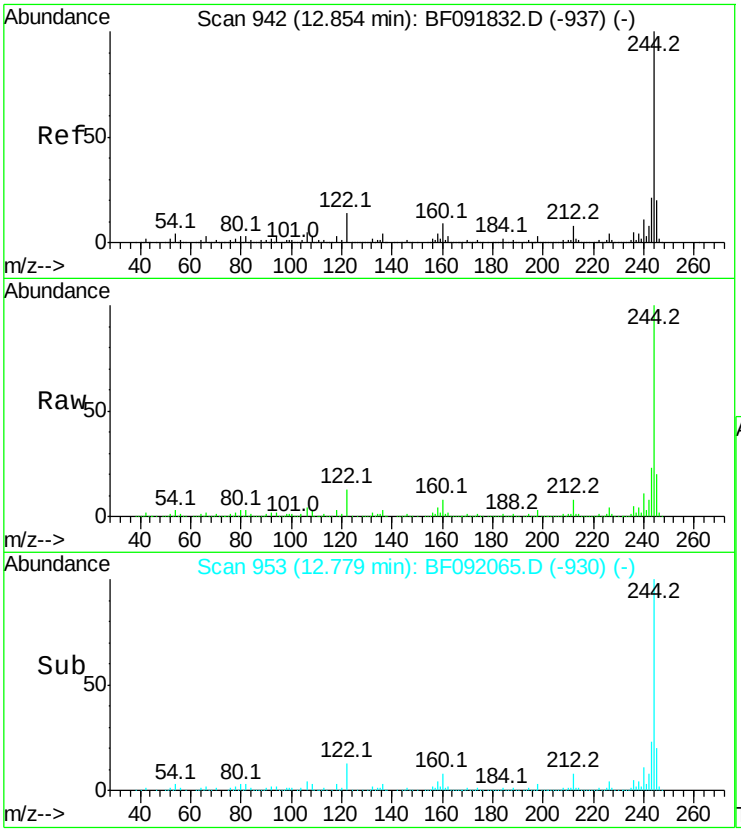


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Tgt Ion:240 Resp: 535084

Ion	Ratio	Lower	Upper
240	100		
120	9.8	12.9	19.3#
236	25.7	20.9	31.3



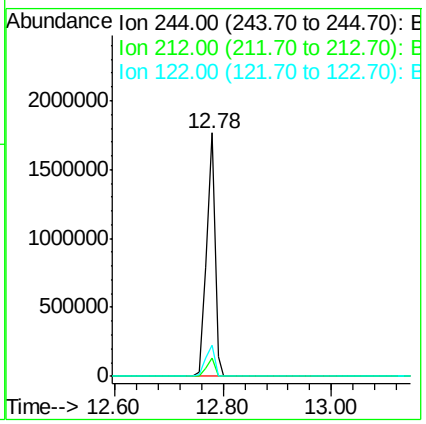


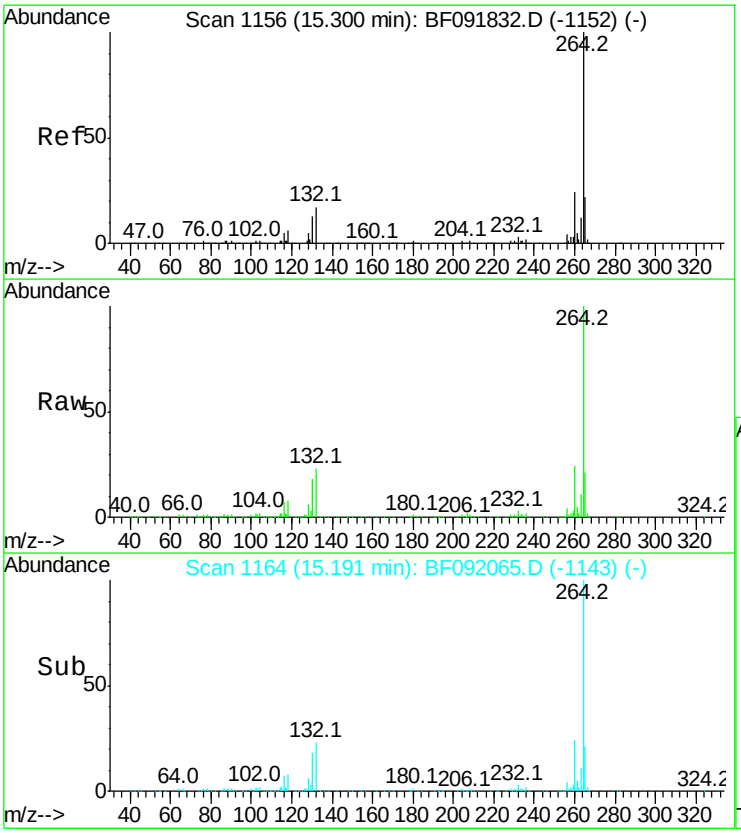
#78
Terphenyl-d14
Concen: 85.83 ng
RT: 12.78 min Scan# 953
Delta R.T. -0.04 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9

Tgt Ion:244 Resp: 1893673

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.0	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Tgt Ion:264 Resp: 401373

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.4	26.0