Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087528.D
Acq On : 30 May 2016 00:32
Operator : UM/SJ
Sample : H3222-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Time: May 30 06:49:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	108160	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	422941	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	195555	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	366318	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	265819	20.00	ng	-0.02
86) Perylene-d12	20.15	264	186603	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	484874	78.77	ng	-0.05
7) Phenol-d6	7.03	99	396794	47.71	ng	-0.05
23) Nitrobenzene-d5	8.39	82	707403	84.30	ng	-0.06
41) 2,4,6-Tribromophenol	13.62	330	233569	124.29	ng	-0.06
44) 2-Fluorobiphenyl	11.28	172	1209174	87.17	ng	-0.06
78) Terphenyl-d14	17.09	244	1097687	87.79	ng	-0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.39	70	85164	13.73	ng	# 73

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

Quantitation Report (Not Reviewed)

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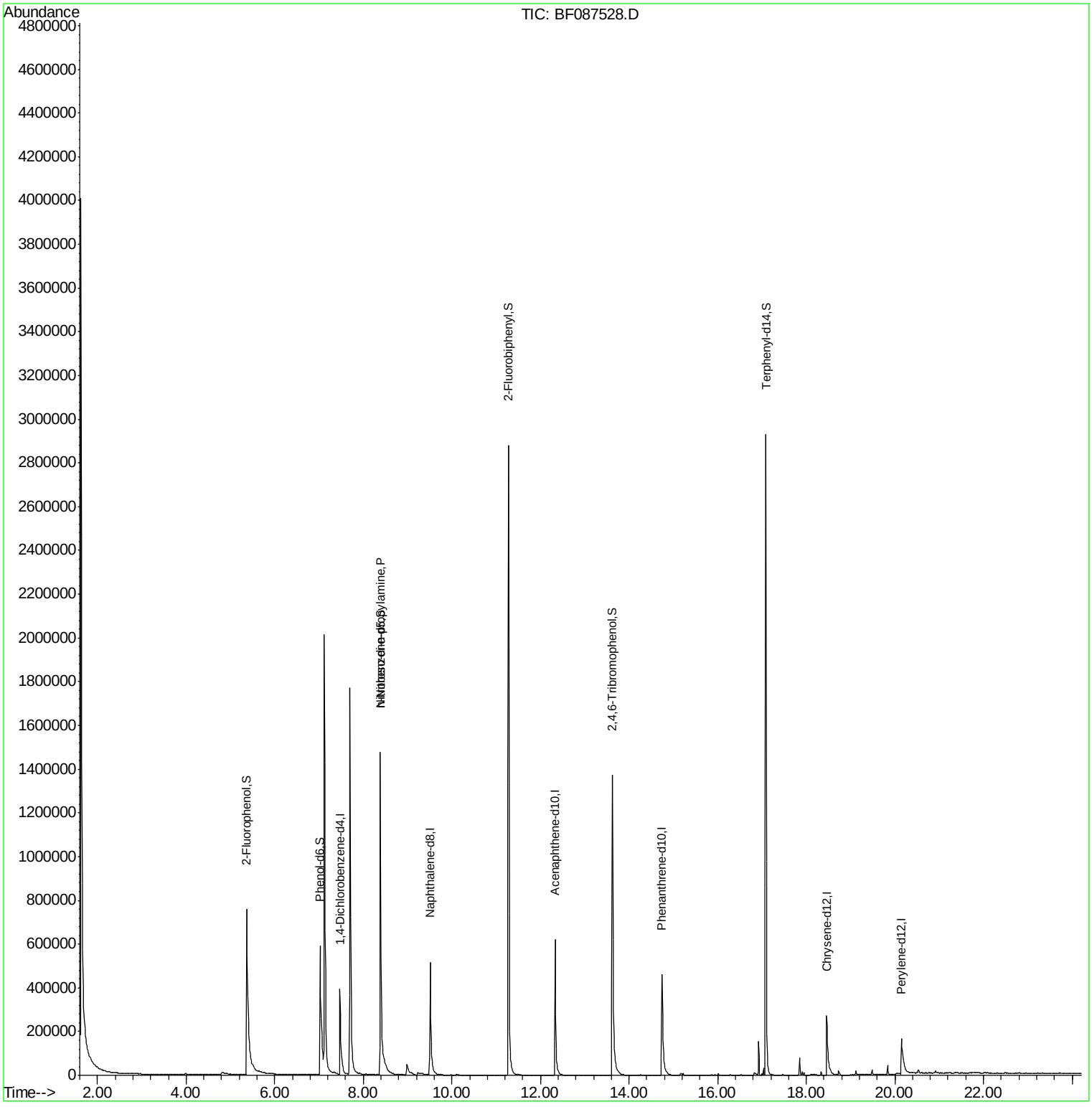
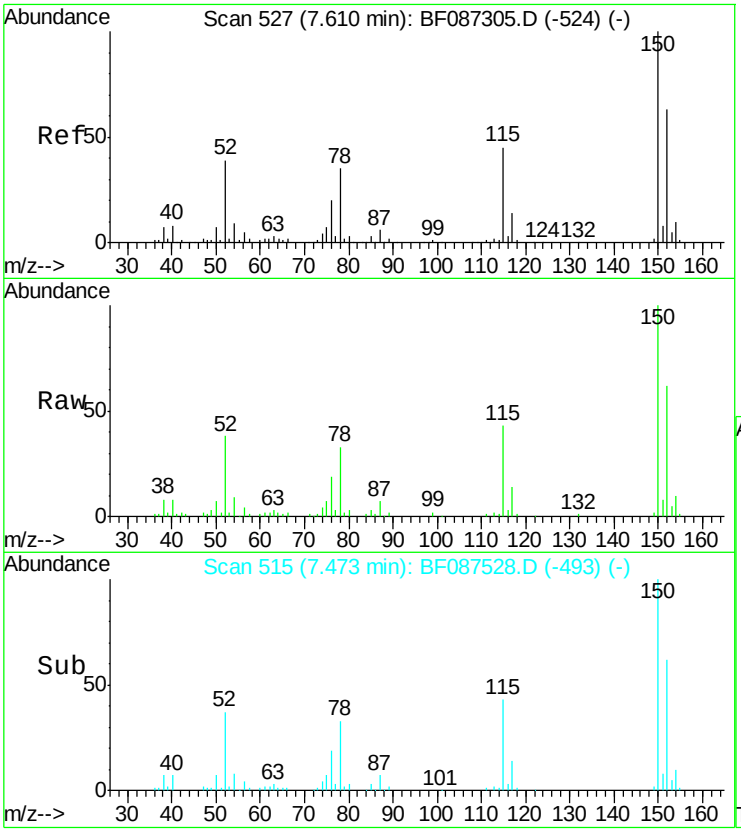


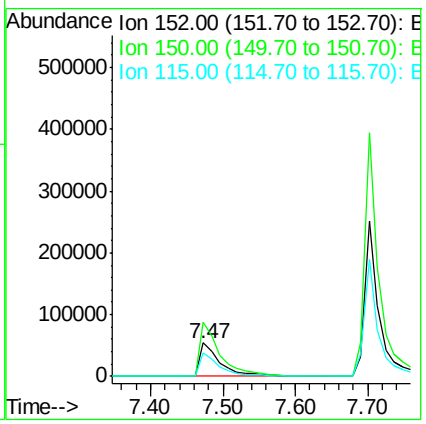


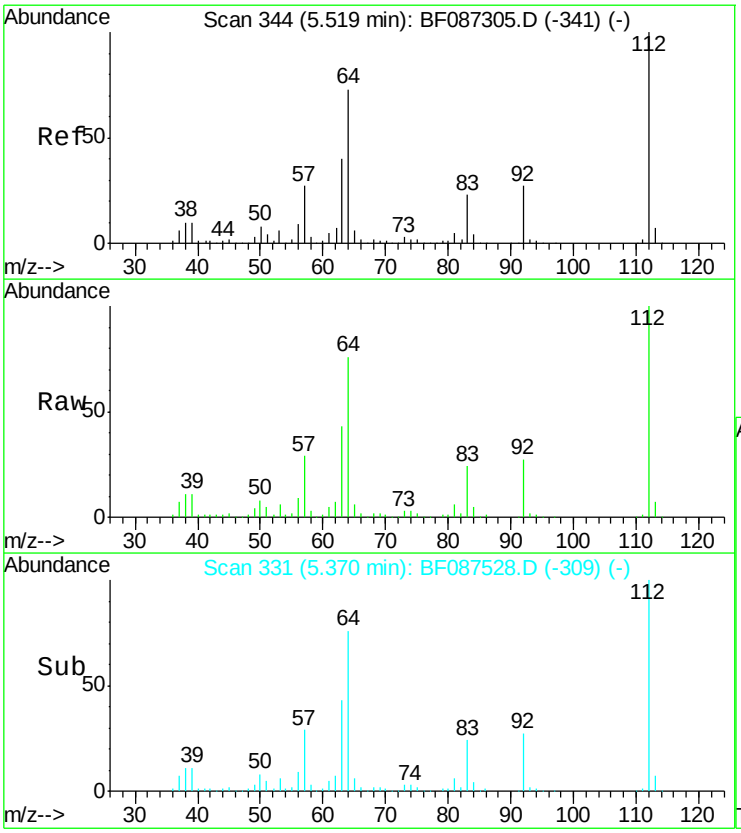
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 108160

Ion	Ratio	Lower	Upper
152	100		
150	162.1	125.8	188.6
115	69.7	51.5	77.3

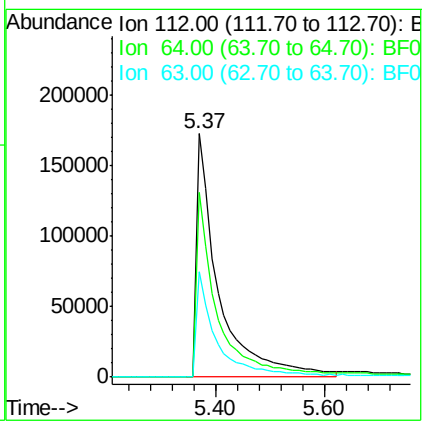


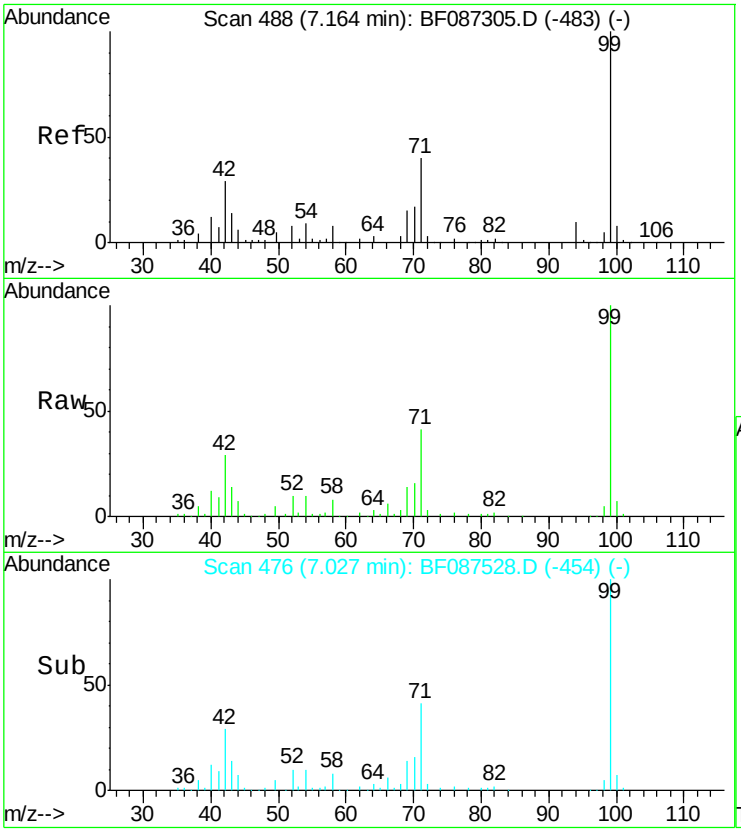


#5
2-Fluorophenol
Concen: 78.77 ng
RT: 5.37 min Scan# 331
Delta R.T. -0.05 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Tgt Ion:112 Resp: 484874

Ion	Ratio	Lower	Upper
112	100		
64	75.8	52.1	78.1
63	43.2	25.7	38.5#



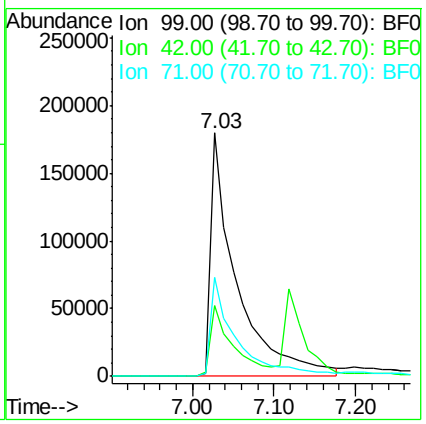


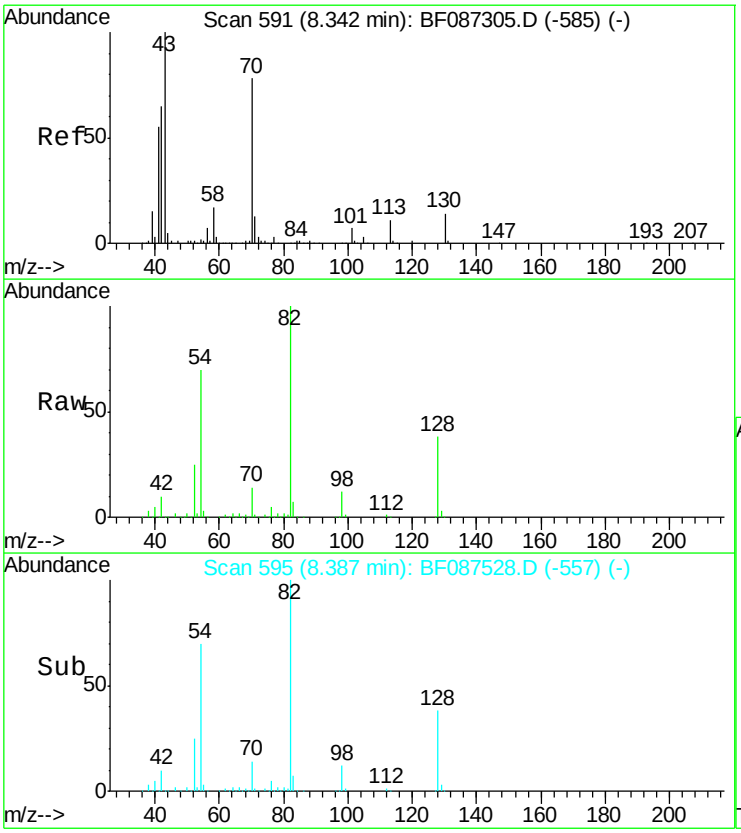
#7
Phenol-d6
Concen: 47.71 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.05 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion: 99 Resp: 396794

Ion	Ratio	Lower	Upper
99	100		
42	29.0	13.6	20.4#
71	40.5	24.6	36.8#

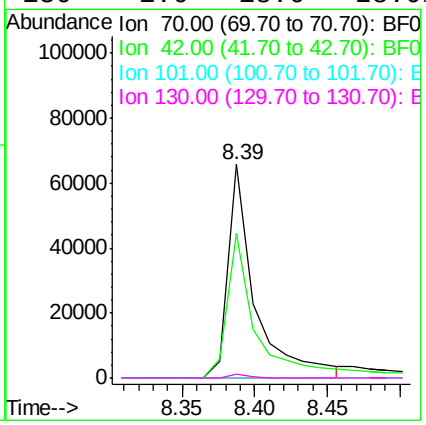


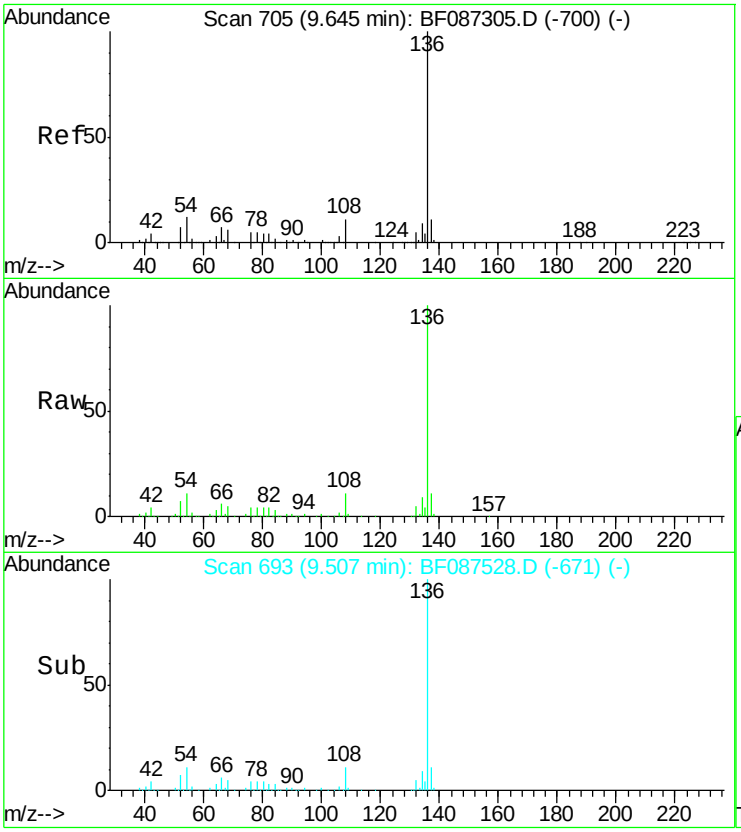


#19
n-Nitroso-di-n-propylamine
Concen: 13.73 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.14 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Tgt Ion: 70 Resp: 85164

Ion	Ratio	Lower	Upper
70	100		
42	67.6	43.1	64.7#
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#



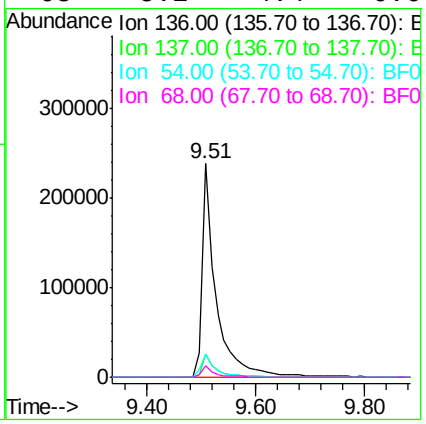


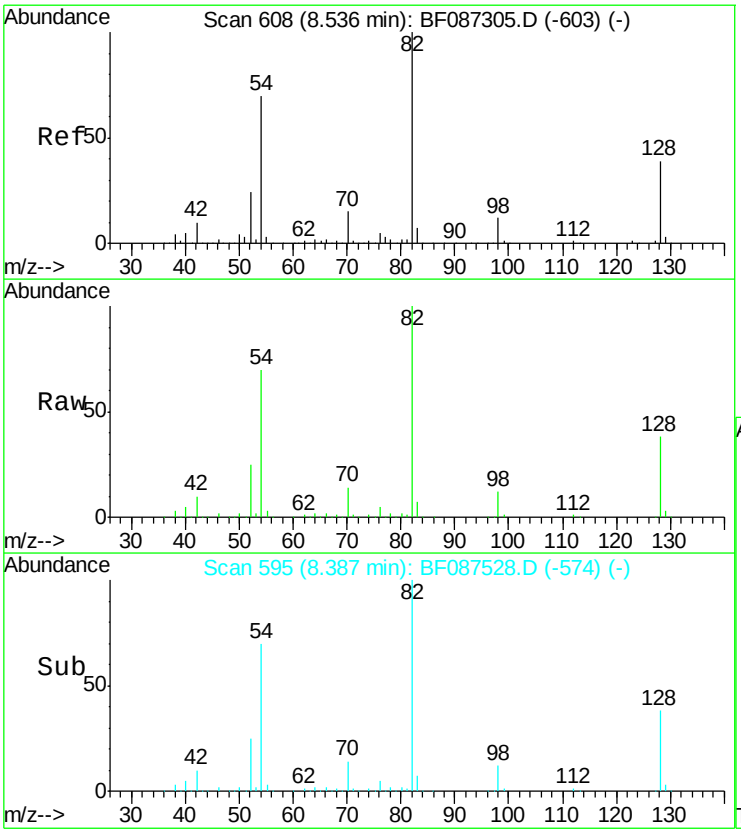
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:136 Resp: 422941

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.7	5.0	7.4#
68	5.2	4.4	6.6

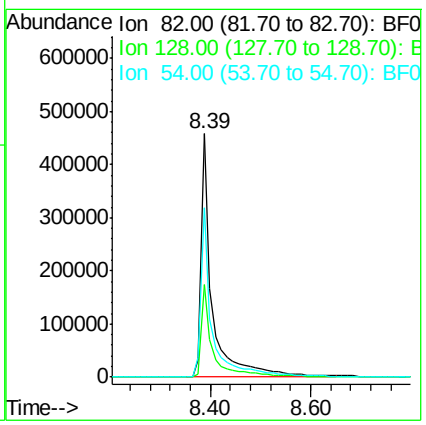


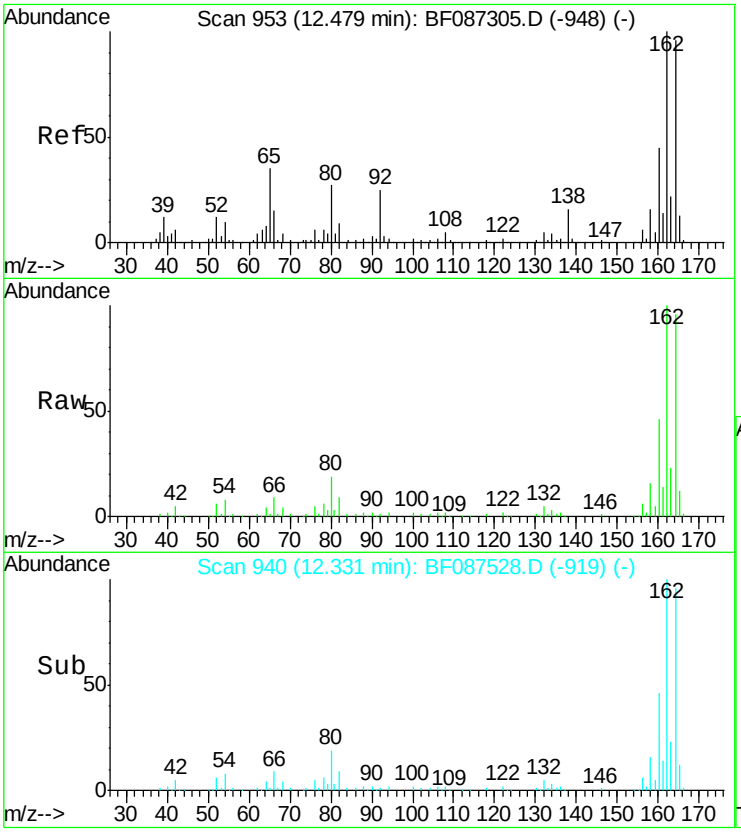


#23
Nitrobenzene-d5
Concen: 84.30 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Tgt Ion: 82 Resp: 707403

Ion	Ratio	Lower	Upper
82	100		
128	38.0	40.6	61.0#
54	69.8	38.1	57.1#



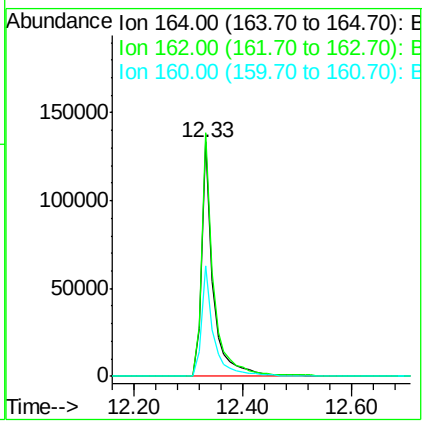


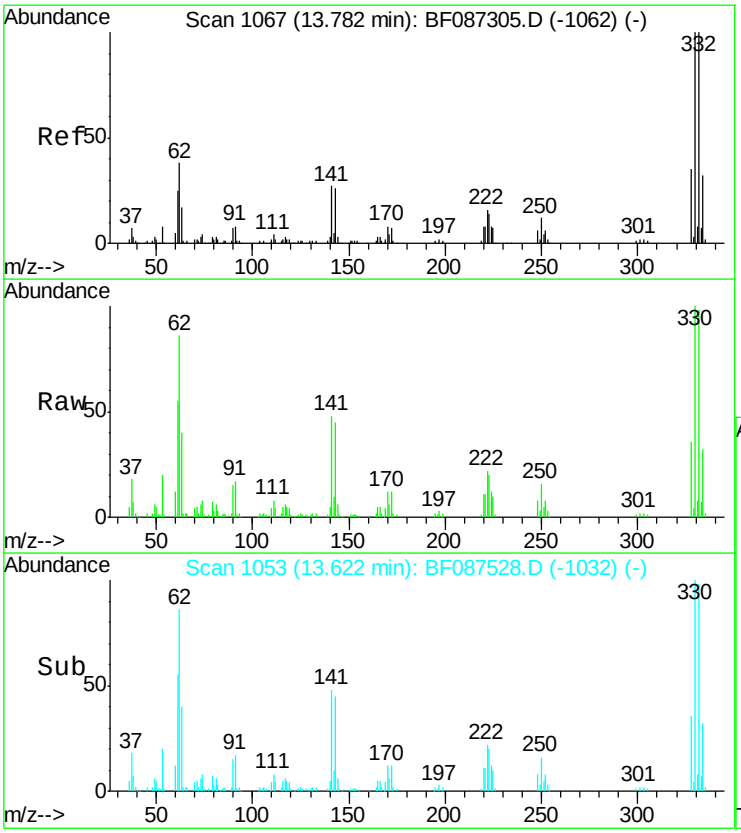
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:164 Resp: 195555

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.8	124.2
160	47.5	36.9	55.3

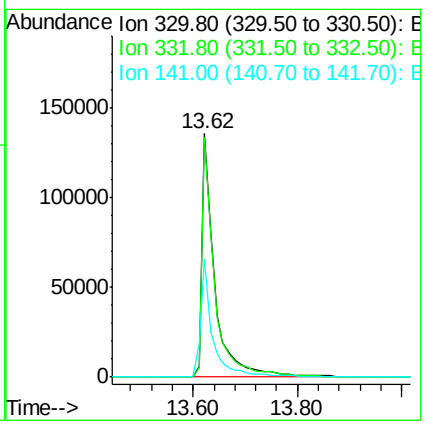


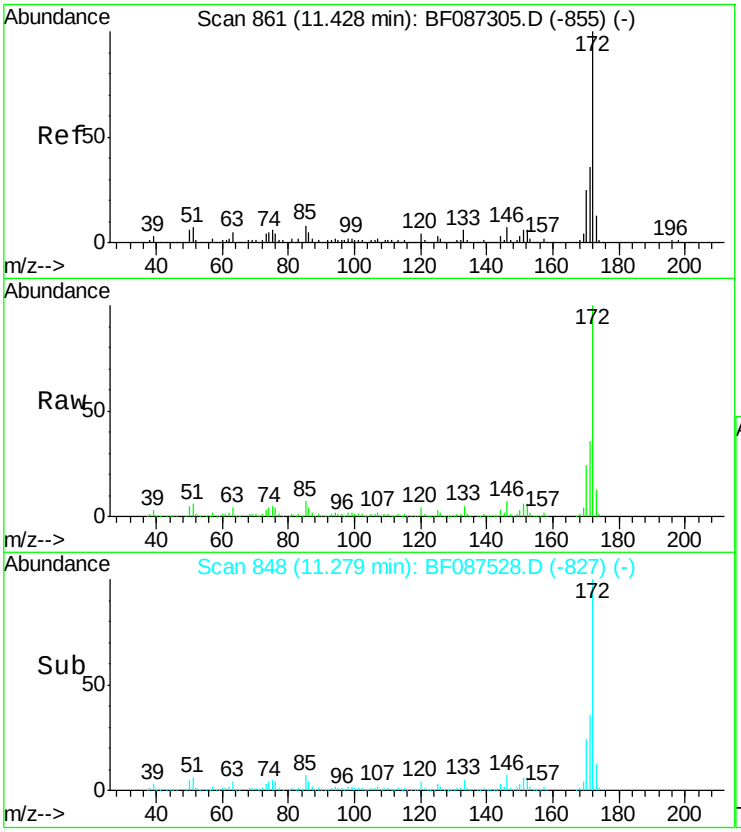


#41
2,4,6-Tribromophenol
Concen: 124.29 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.06 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Tgt Ion:330 Resp: 233569

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	46.4	31.2	46.8



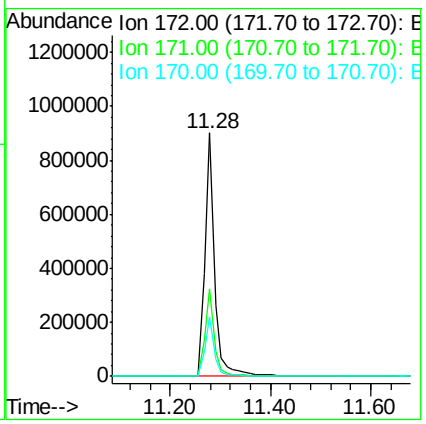


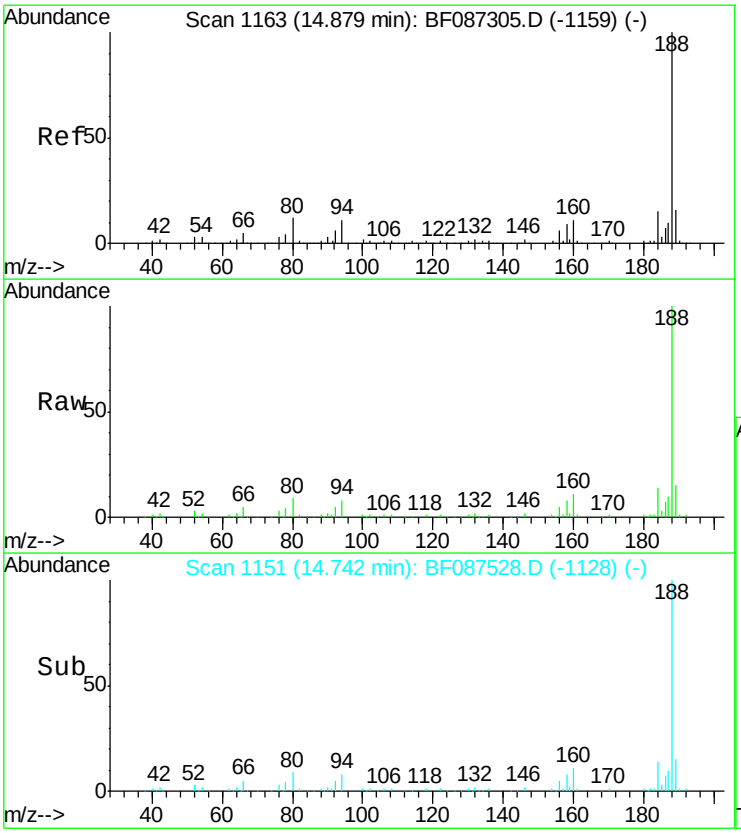
#44
2-Fluorobiphenyl
Concen: 87.17 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:172 Resp: 1209174

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8

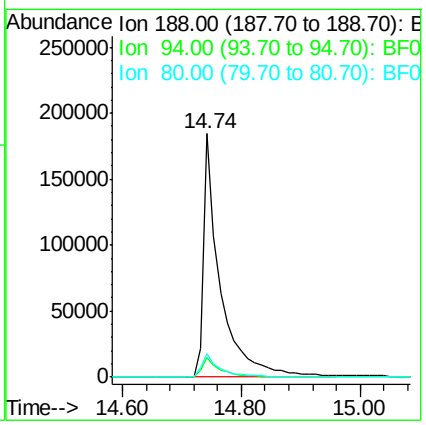


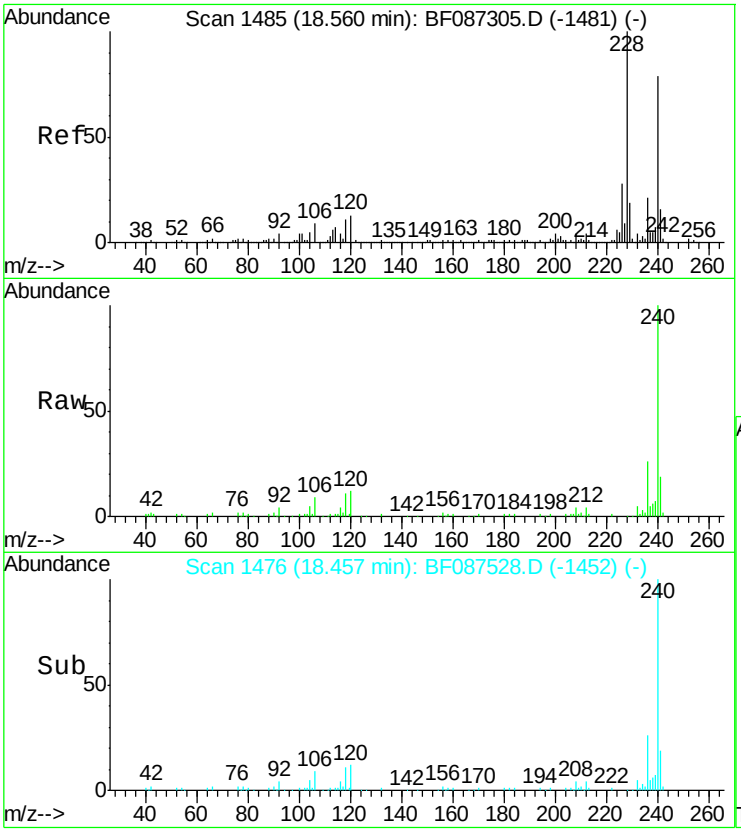


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Tgt Ion:188 Resp: 366318

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	9.4	7.1	10.7



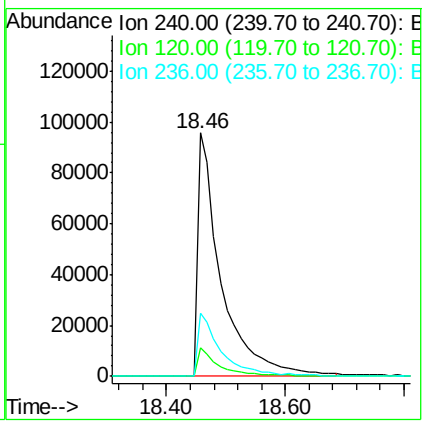


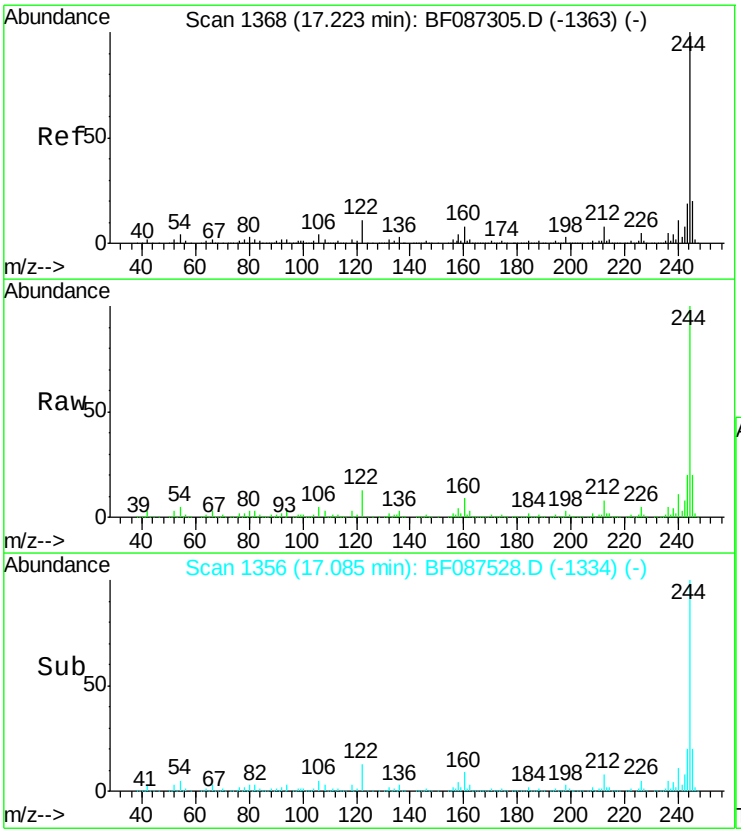
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:240 Resp: 265819

Ion	Ratio	Lower	Upper
240	100		
120	12.0	11.2	16.8
236	25.9	21.2	31.8

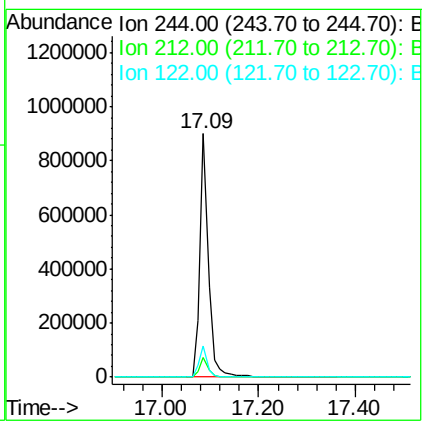


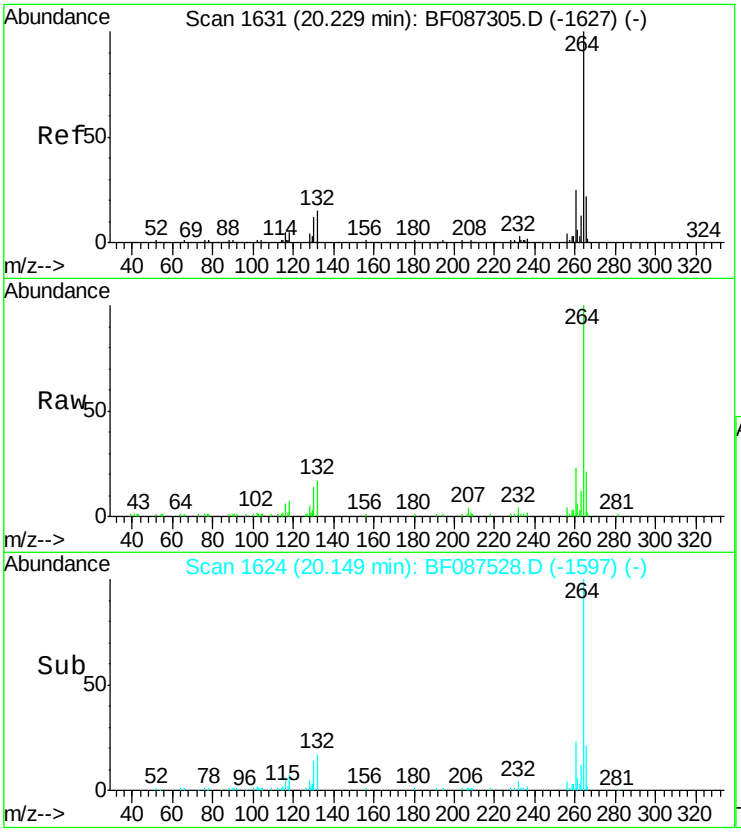


#78
Terphenyl-d14
Concen: 87.79 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.05 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Tgt Ion:244 Resp: 1097687

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	12.8	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:264 Resp: 186603

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.3	25.9