Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089180.D
Acq On : 21 Jul 2016 15:12
Operator : UM/SJ
Sample : H4121-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-EDER2-COMP

Quant Time: Jul 22 01:35:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	48309	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	210634	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	82836	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	134472	20.00	ng		0.00
75) Chrysene-d12	13.73	240	98726	20.00	ng		0.00
86) Perylene-d12	15.07	264	82605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	189799	59.75	ng		0.00
7) Phenol-d6	6.26	99	279024	68.12	ng		-0.01
23) Nitrobenzene-d5	7.16	82	176380	44.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	34398	46.12	ng		-0.01
44) 2-Fluorobiphenyl	8.96	172	320005	53.23	ng		-0.01
78) Terphenyl-d14	12.69	244	220688	48.48	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.36	163	56662	8.91	ng		98
83) Bis(2-ethylhexyl)phthalate	13.73	149	9830	2.15	ng	#	96

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

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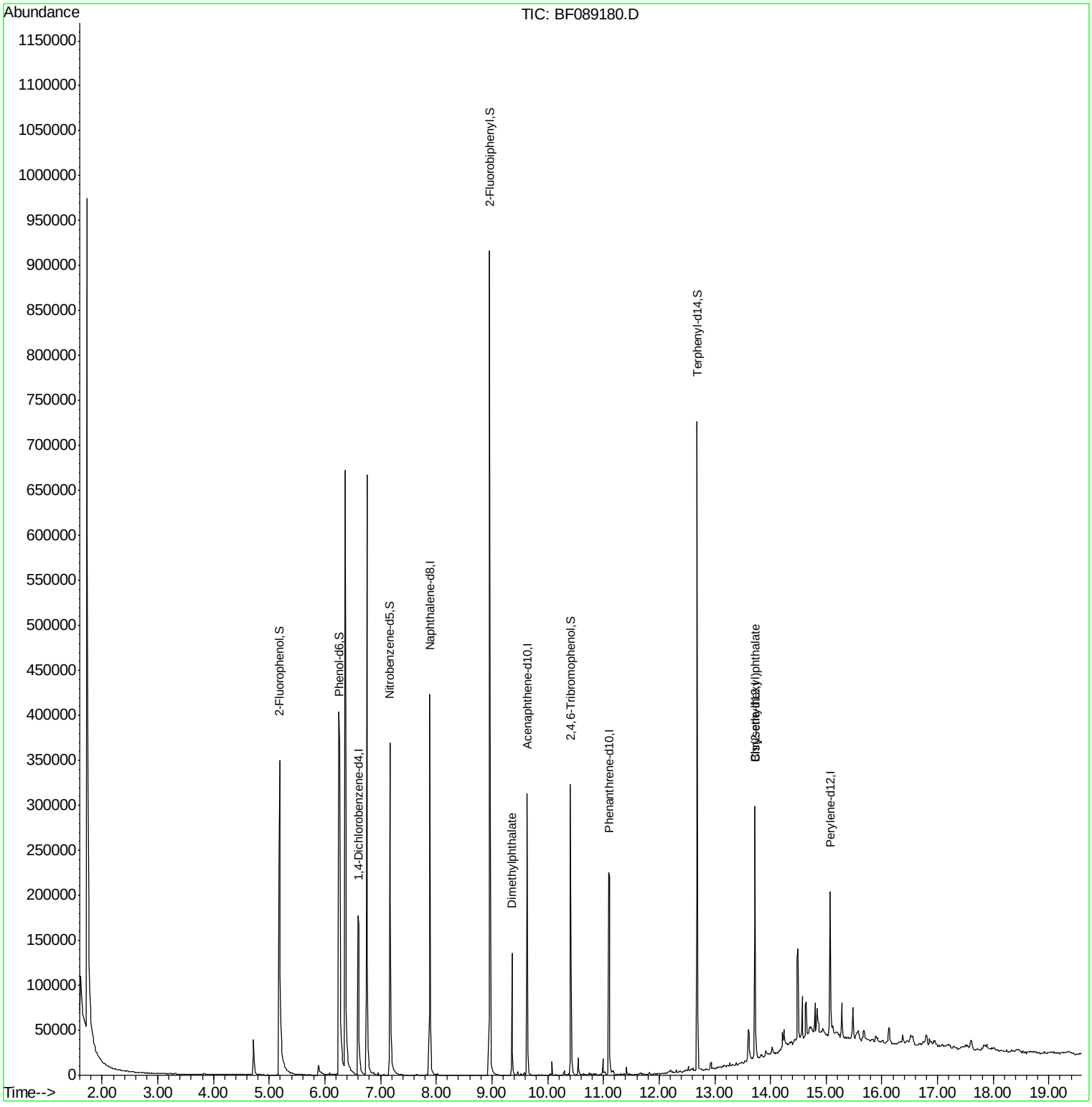
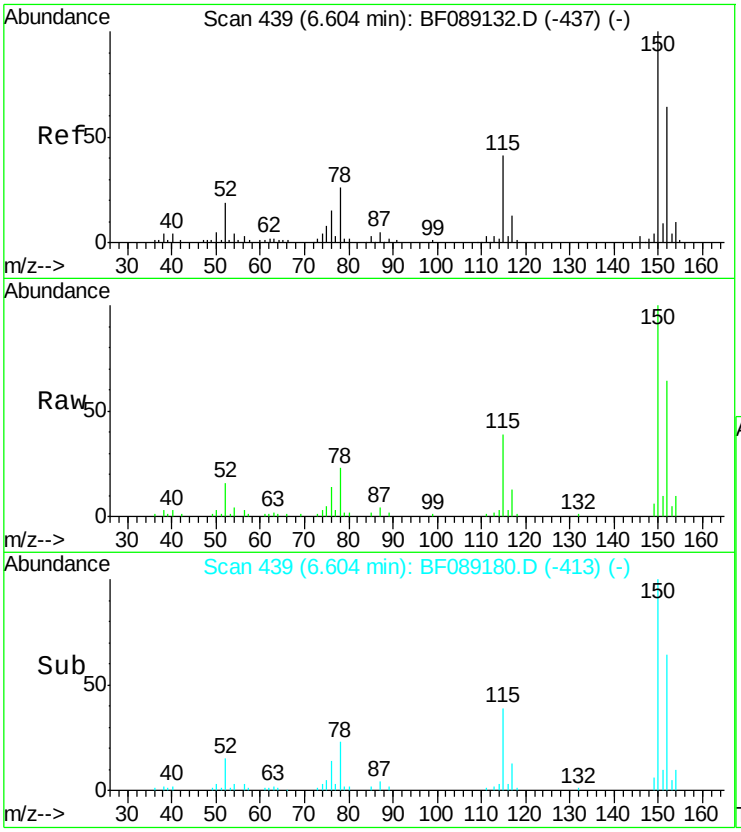


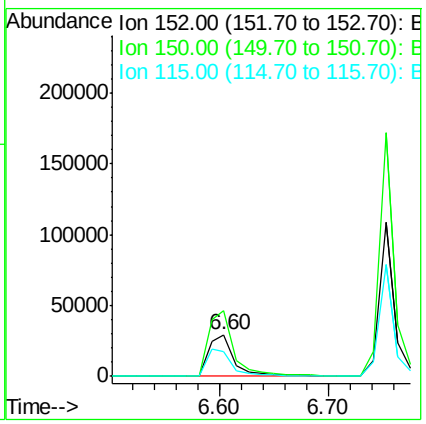


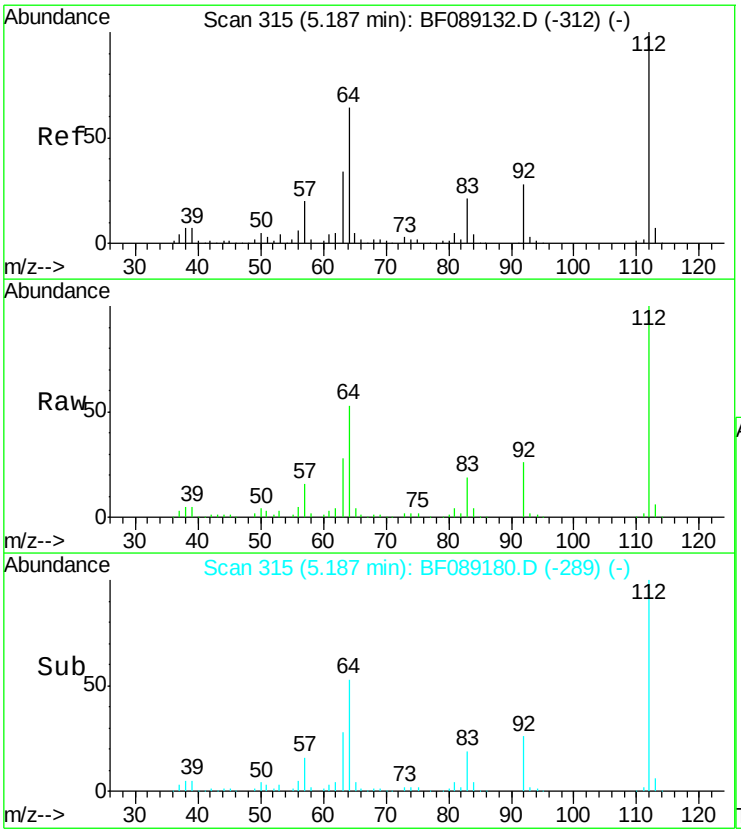
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Instrument :
BNA_F
ClientSampleId :
TEC-EDER2-COMP

Tgt Ion:152 Resp: 48309

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.1	187.7
115	61.1	51.1	76.7

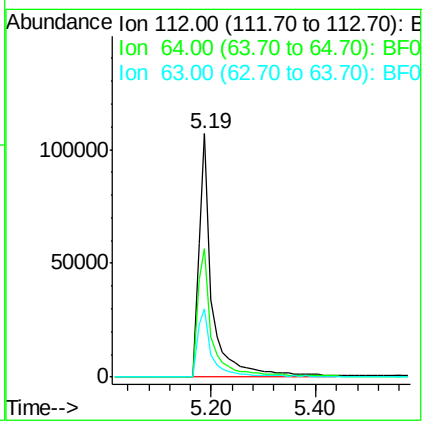


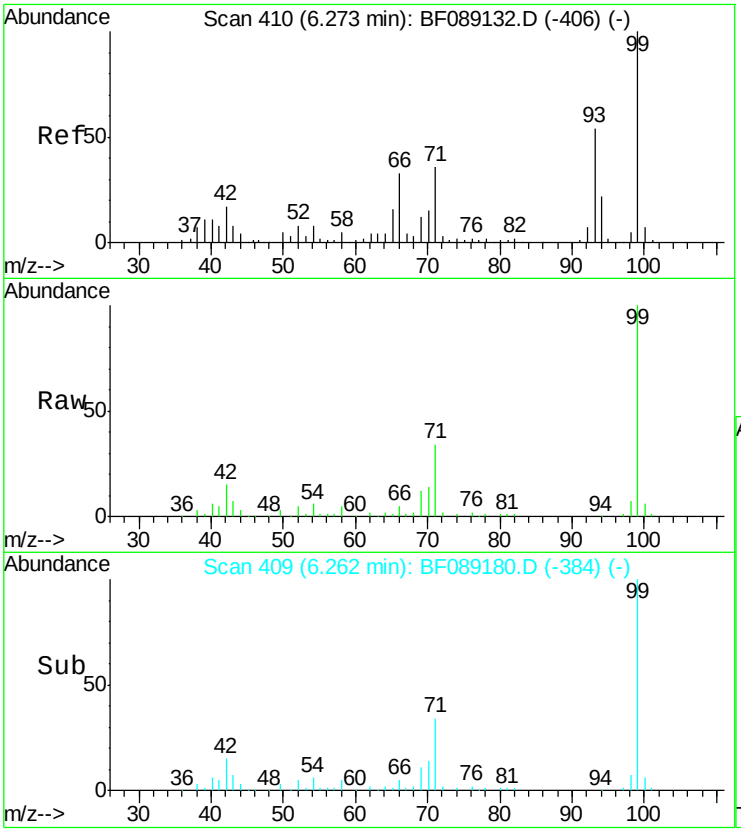


#5
2-Fluorophenol
Concen: 59.75 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt Ion:112 Resp: 189799

Ion	Ratio	Lower	Upper
112	100		
64	52.8	51.0	76.4
63	28.2	27.3	40.9



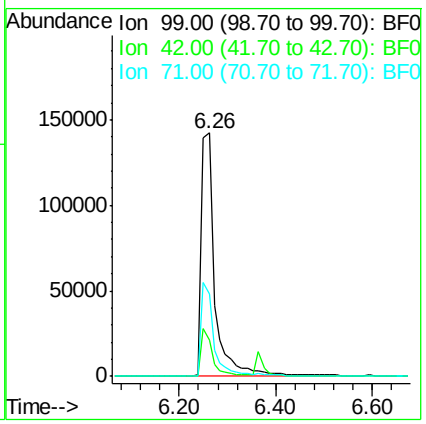


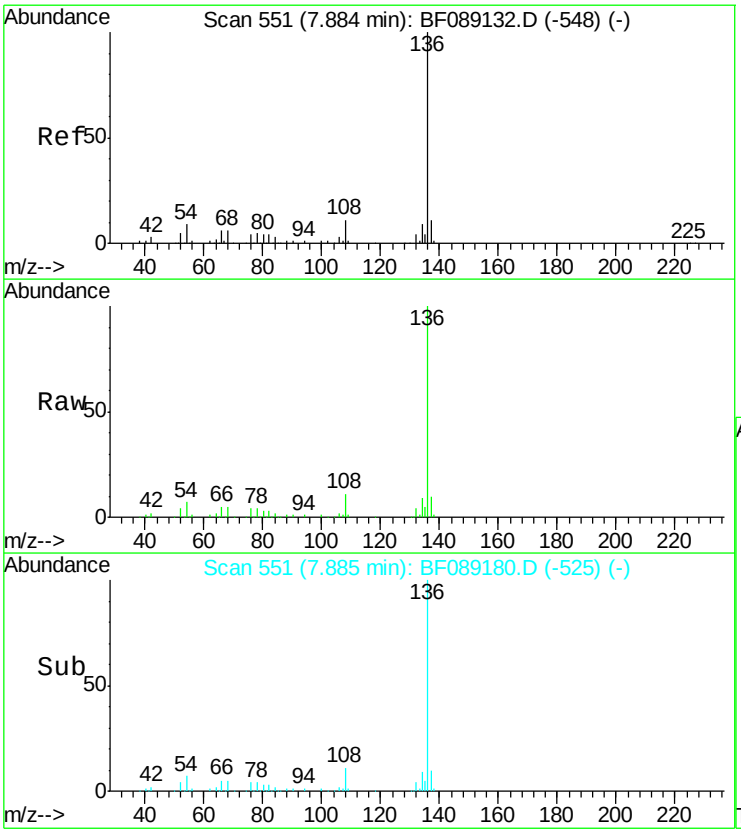
#7
Phenol-d6
Concen: 68.12 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Instrument :
BNA_F
ClientSampleId :
TEC-EDER2-COMP

Tgt Ion: 99 Resp: 279024

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.5	20.3
71	33.9	28.9	43.3

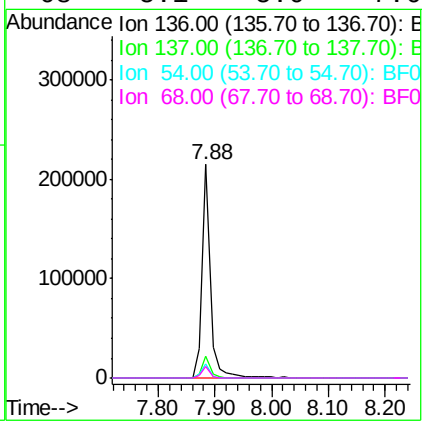


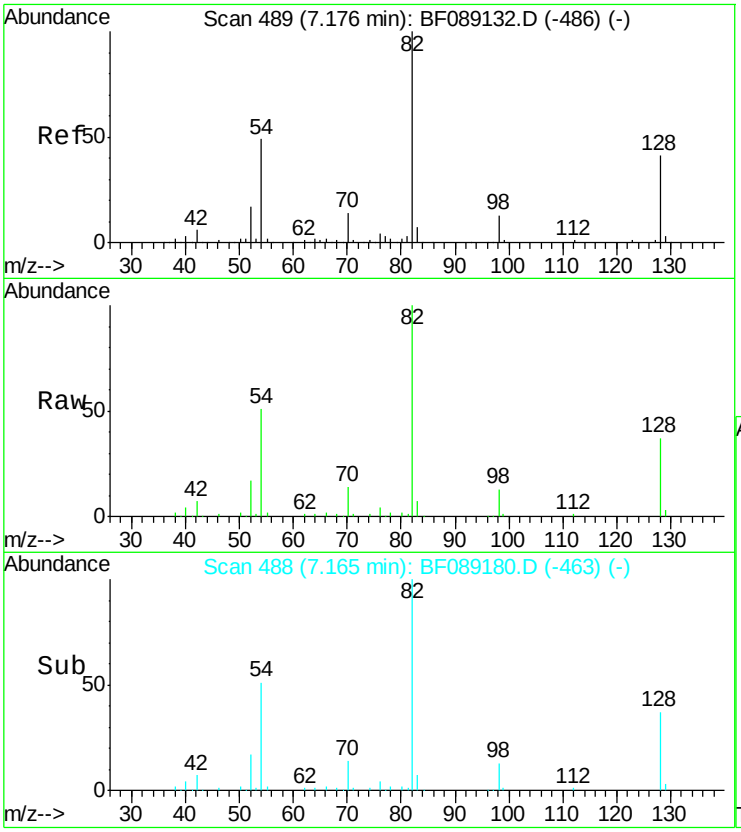


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt Ion:136 Resp: 210634

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.6	7.0	10.4#
68	5.1	5.0	7.6



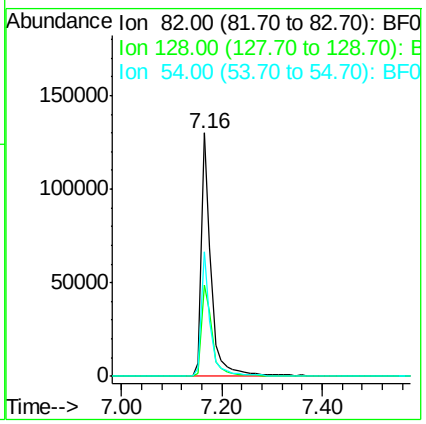


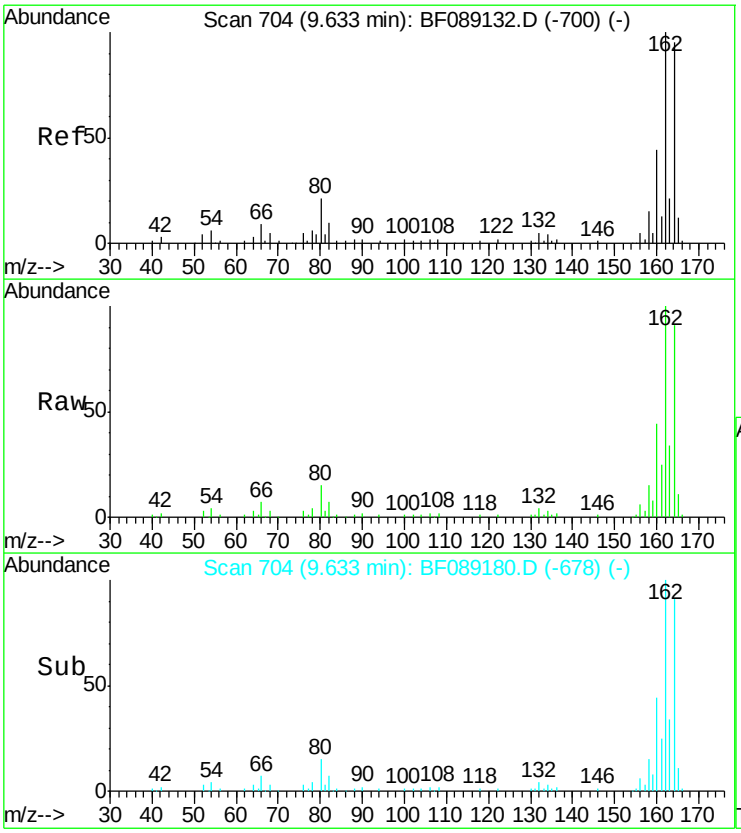
#23
Nitrobenzene-d5
Concen: 44.49 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Instrument :
BNA_F
ClientSampleId :
TEC-EDER2-COMP

Tgt Ion: 82 Resp: 176380

Ion	Ratio	Lower	Upper
82	100		
128	37.5	33.0	49.6
54	50.9	39.0	58.4

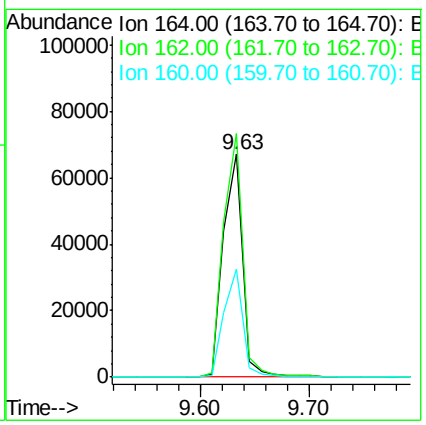


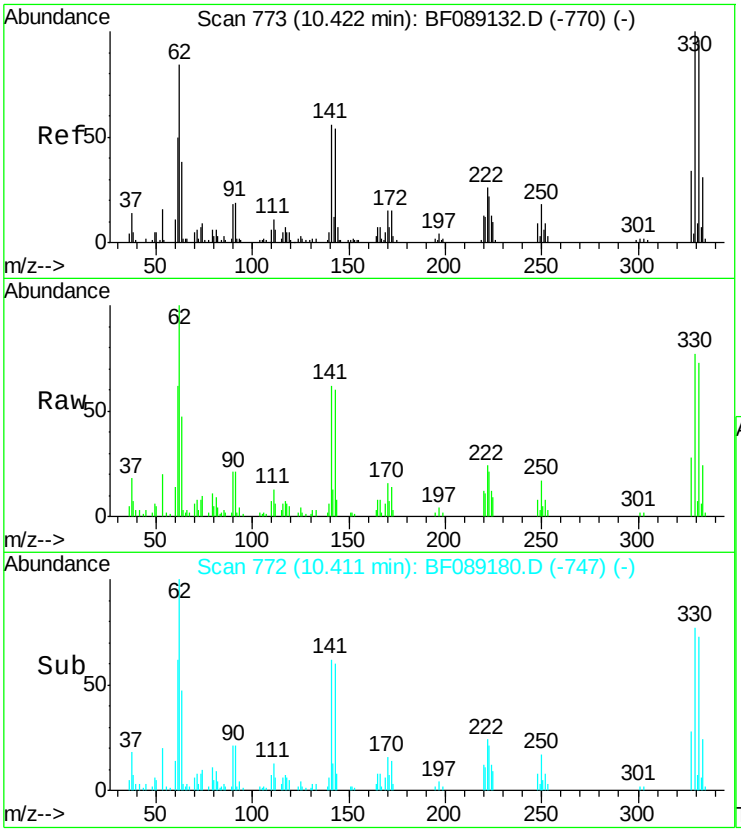


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt Ion:164 Resp: 82836

Ion	Ratio	Lower	Upper
164	100		
162	109.4	84.1	126.1
160	48.4	37.1	55.7



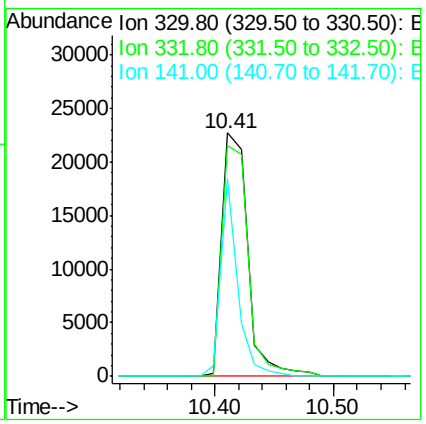


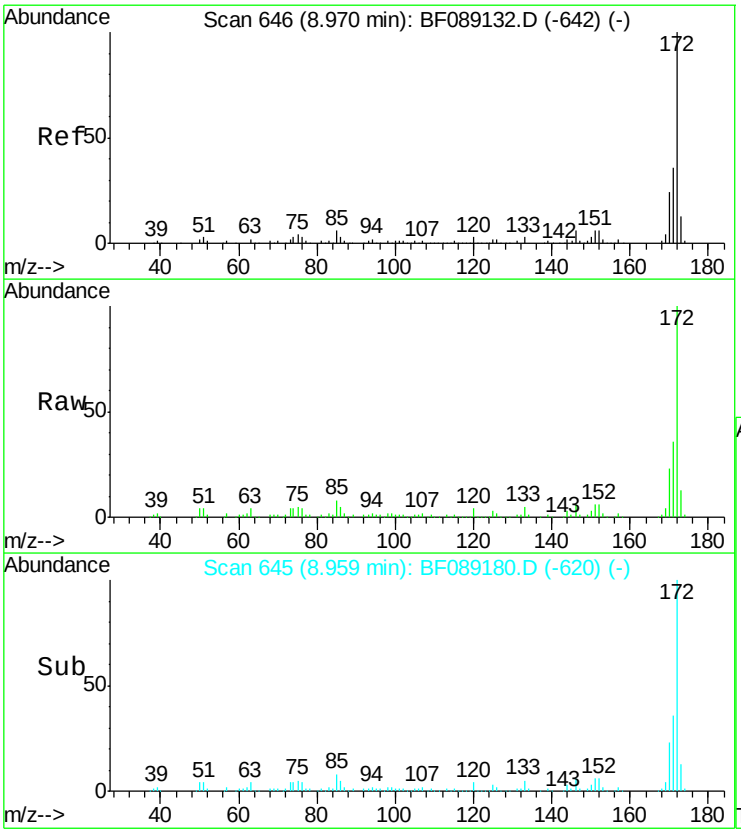
#41
2,4,6-Tribromophenol
Concen: 46.12 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Instrument :
BNA_F
ClientSampleId :
TEC-EDER2-COMP

Tgt Ion:330 Resp: 34398

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	52.6	42.2	63.2

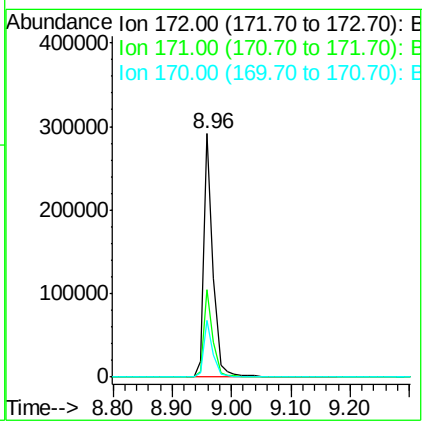


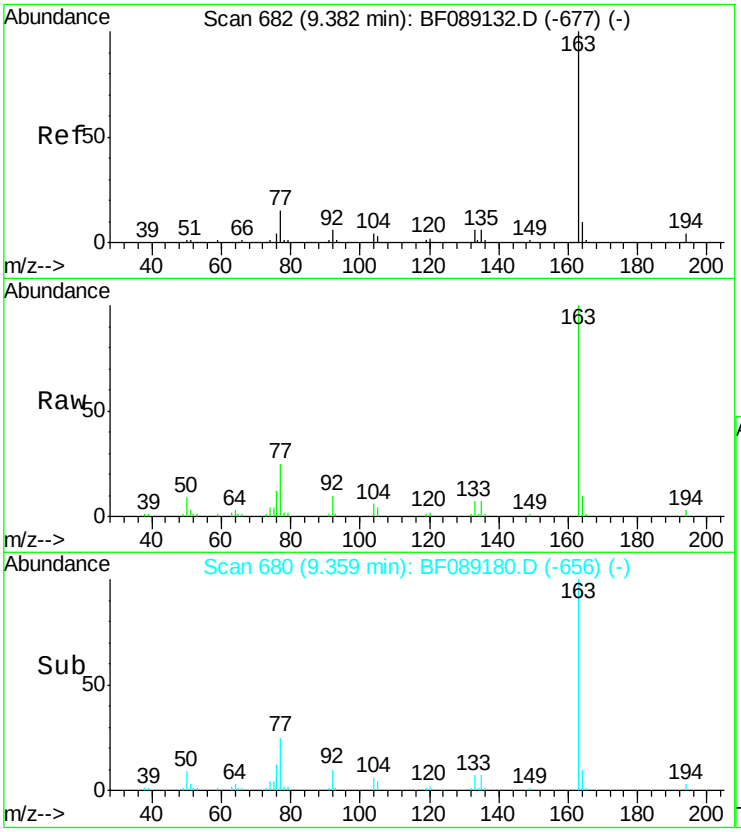


#44
2-Fluorobiphenyl
Concen: 53.23 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt Ion:172 Resp: 320005

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.5	19.1	28.7



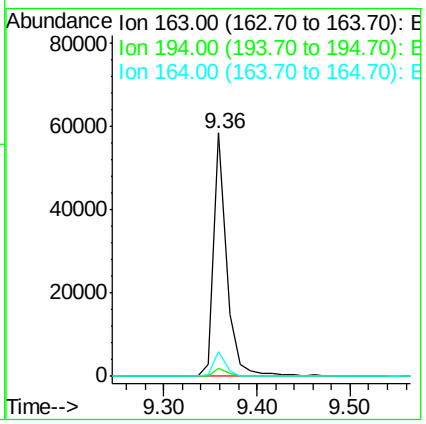


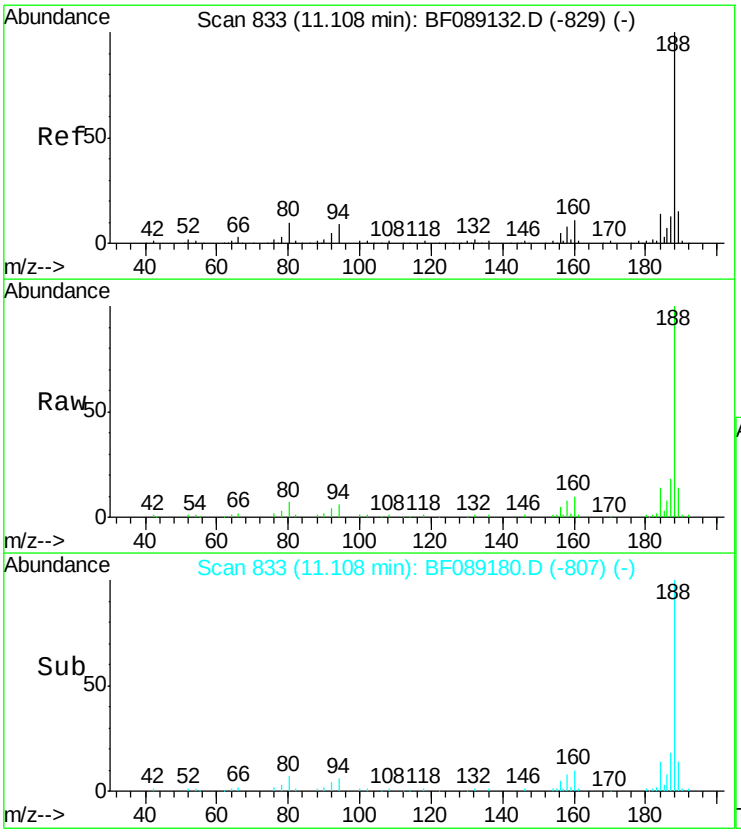
#49
Dimethylphthalate
Concen: 8.91 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Instrument :
BNA_F
ClientSampleId :
TEC-EDER2-COMP

Tgt Ion:163 Resp: 56662

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.4	7.6	11.4

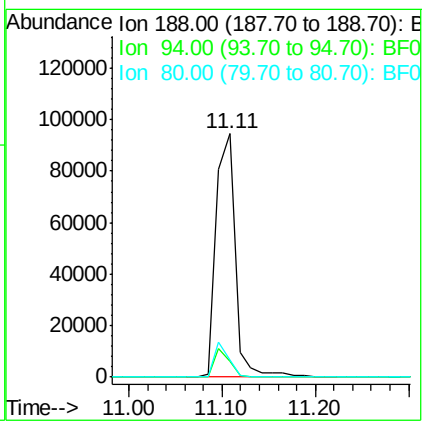


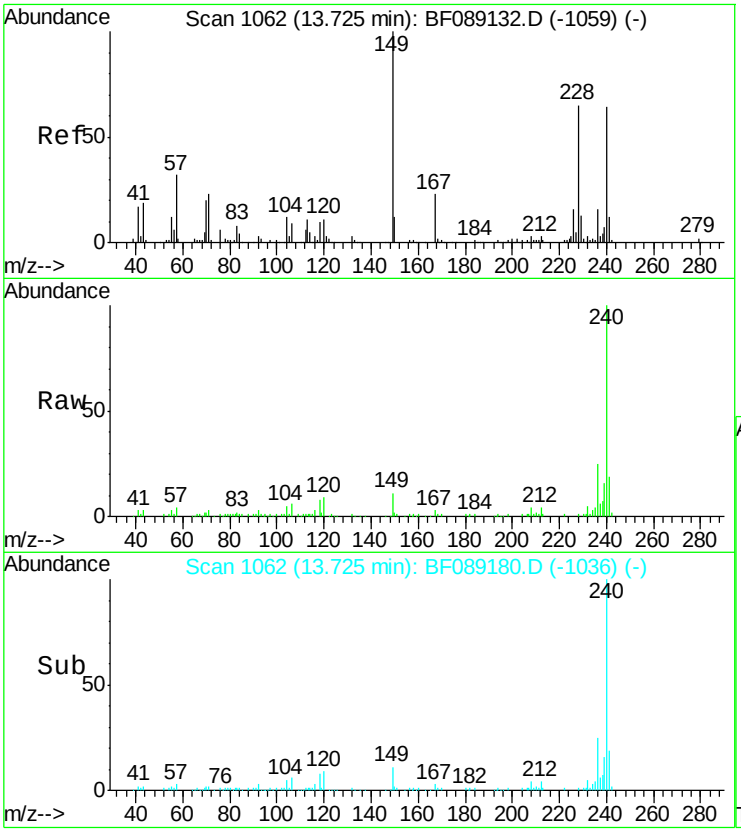


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt Ion:188 Resp: 134472

Ion	Ratio	Lower	Upper
188	100		
94	6.5	7.0	10.4#
80	7.2	7.7	11.5#



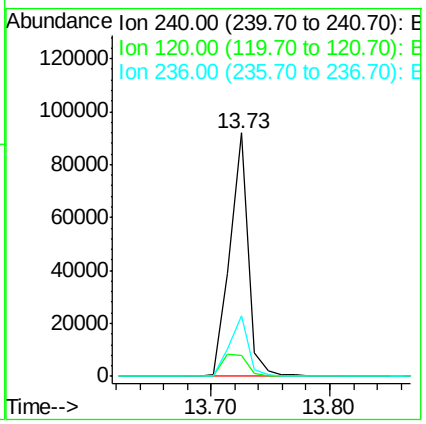


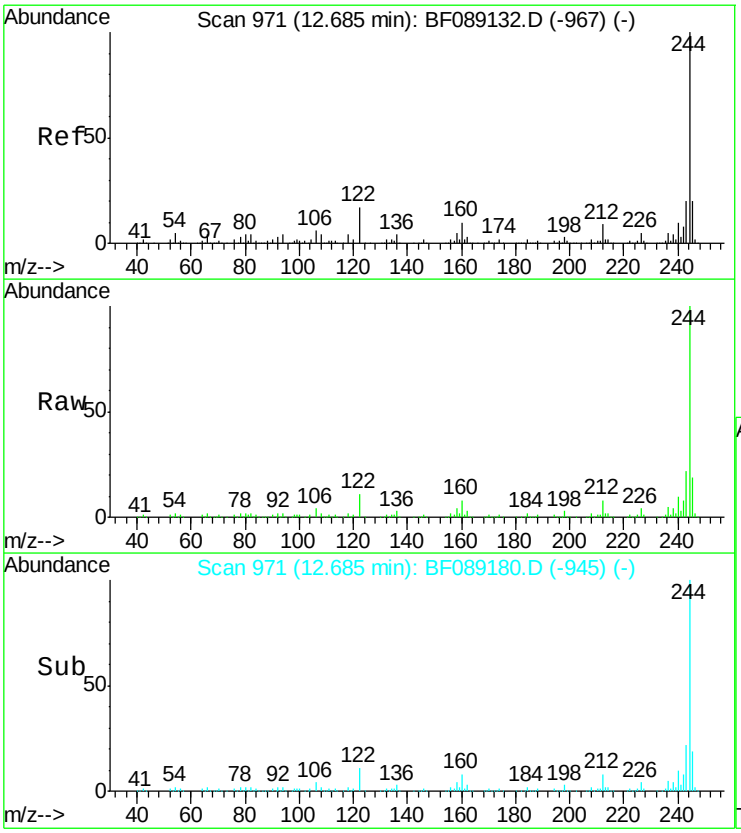
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Instrument :
BNA_F
ClientSampleId :
TEC-EDER2-COMP

Tgt Ion:240 Resp: 98726

Ion	Ratio	Lower	Upper
240	100		
120	8.6	13.6	20.4#
236	24.9	20.5	30.7

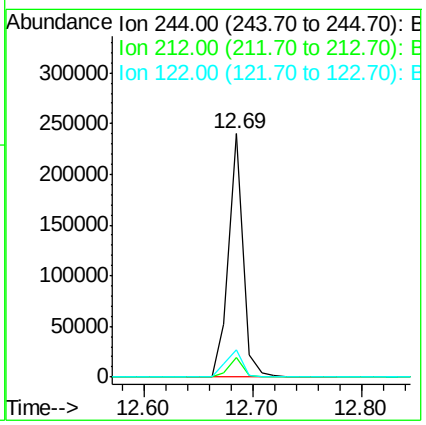


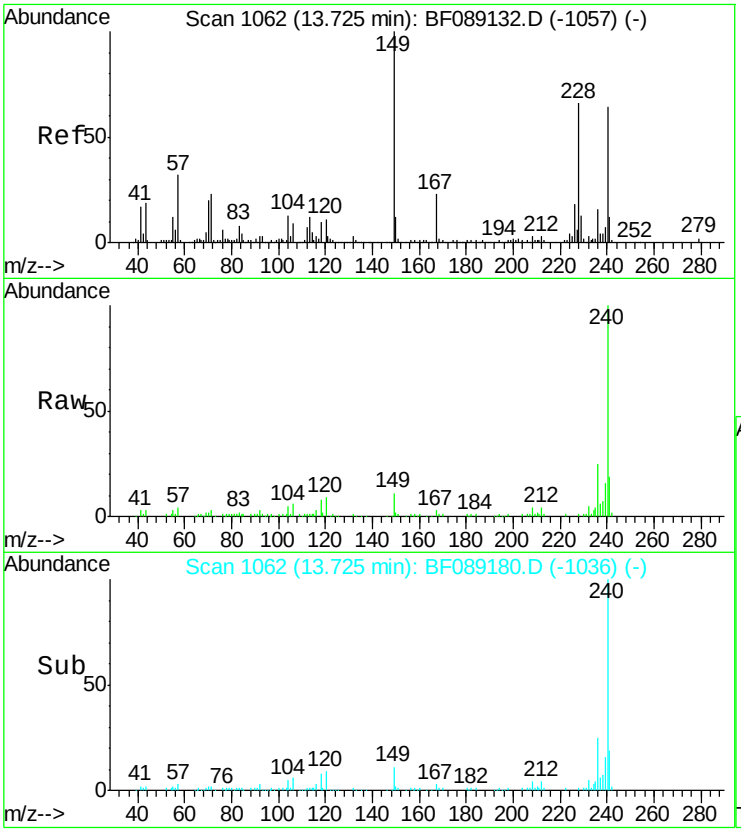


#78
Terphenyl-d14
Concen: 48.48 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt Ion:244 Resp: 220688

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.4
122	11.3	13.8	20.8#



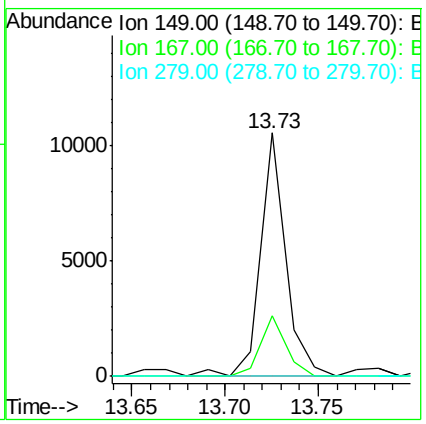


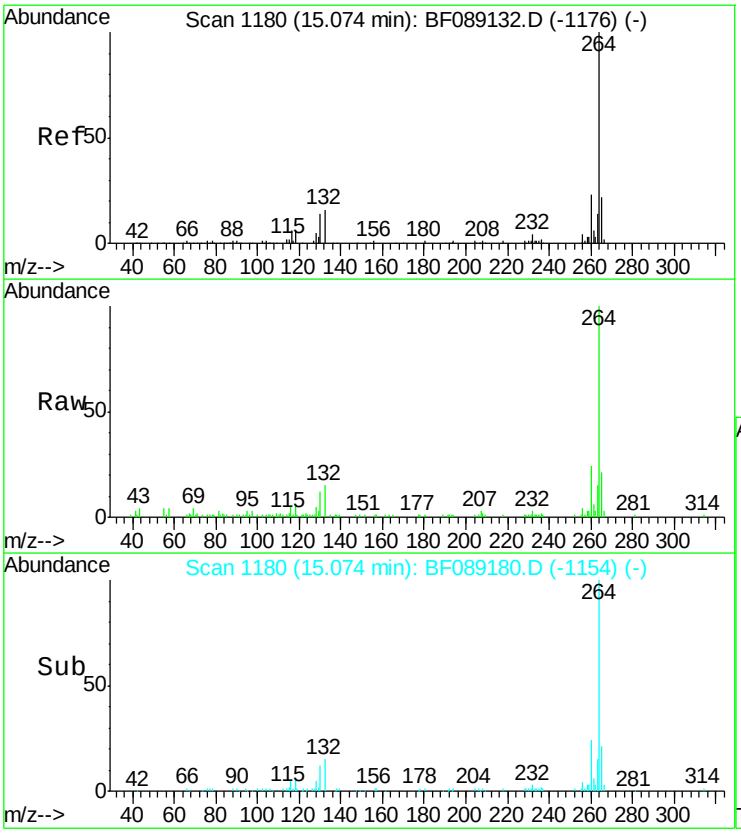
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.15 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Instrument :
BNA_F
ClientSampleId :
TEC-EDER2-COMP

Tgt Ion:149 Resp: 9830

Ion	Ratio	Lower	Upper
149	100		
167	25.0	18.6	28.0
279	0.0	1.6	2.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt Ion:264 Resp: 82605

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.0	17.3	25.9