Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Time: Dec 21 16:38:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	73471	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	325473	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	146289	20.00	ng		-0.03
63) Phenanthrene-d10	11.37	188	278900	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	214192	20.00	ng		-0.02
86) Perylene-d12	15.44	264	167366	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	192229	40.95	ng		-0.02
7) Phenol-d6	6.49	99	152468	26.53	ng		-0.02
23) Nitrobenzene-d5	7.41	82	417639	73.23	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	143595	89.10	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	835746	79.39	ng		-0.03
78) Terphenyl-d14	12.96	244	800837	87.61	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.50	94	38323	5.98	ng		92
31) Naphthalene	8.16	128	177221	9.05	ng		98
37) 2-Methylnaphthalene	8.84	142	140530	12.42	ng		98
69) Pentachlorophenol	11.18	266	379	4.95	ng	#	87

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

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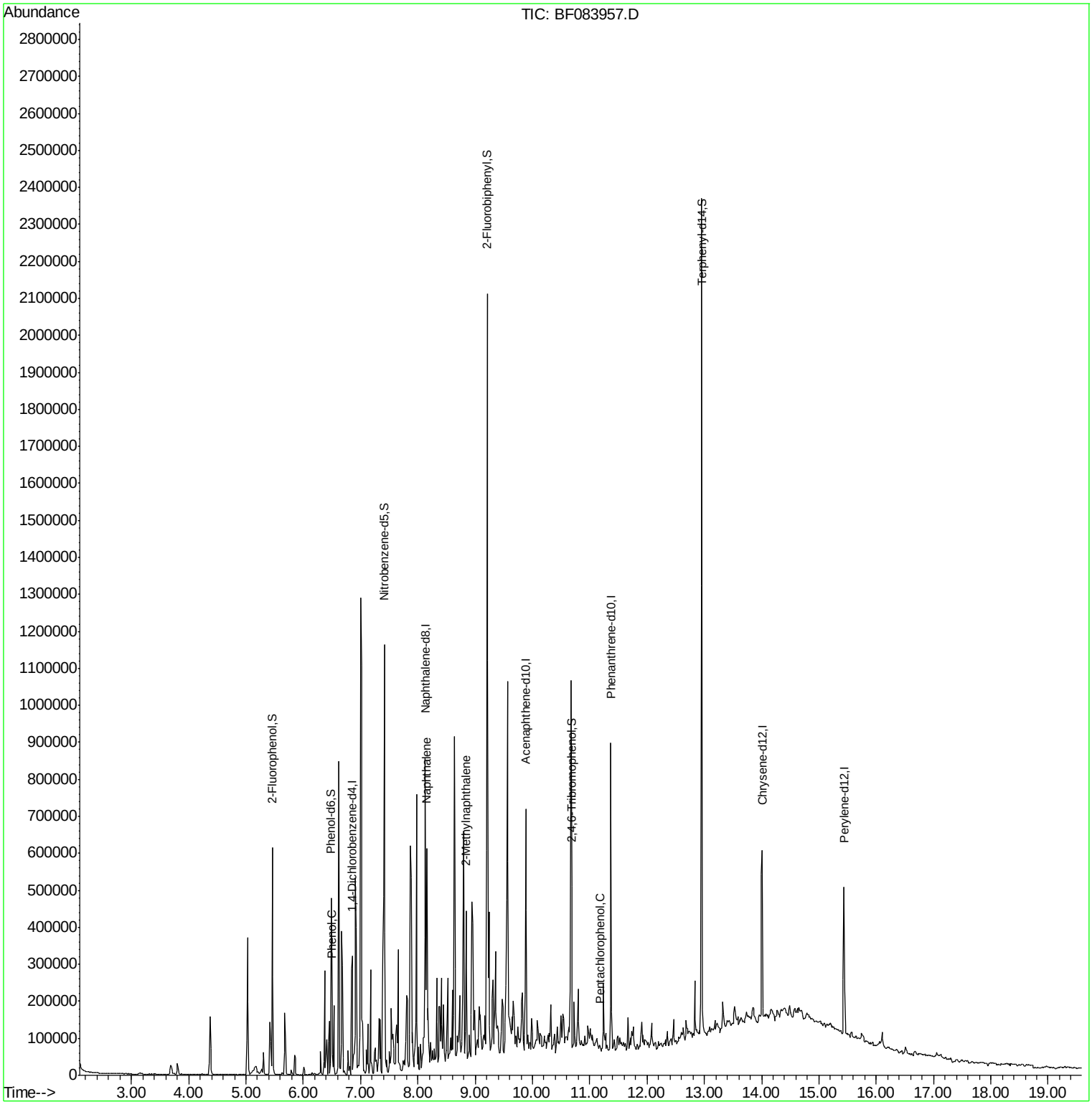
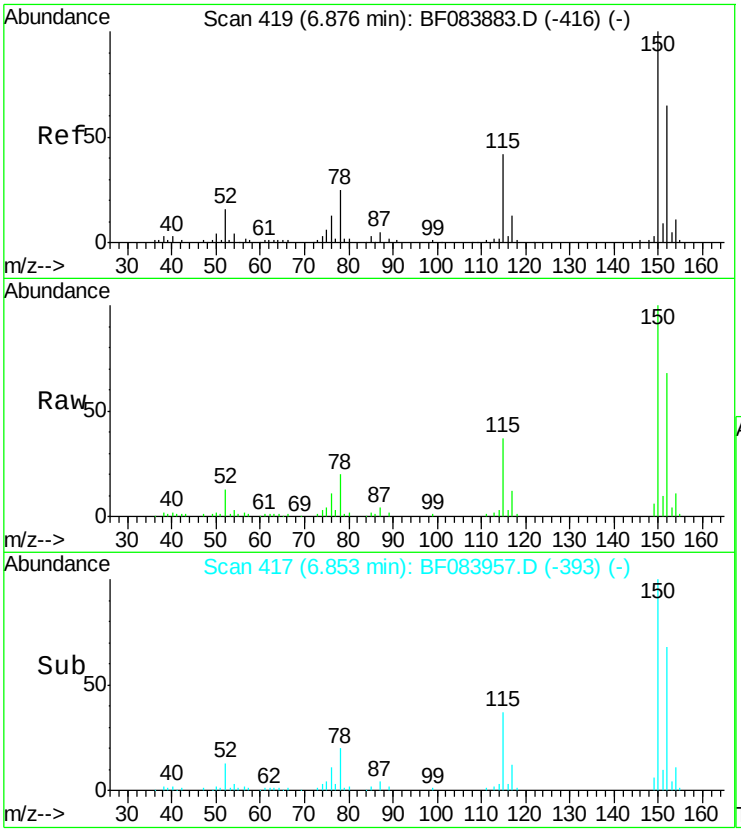


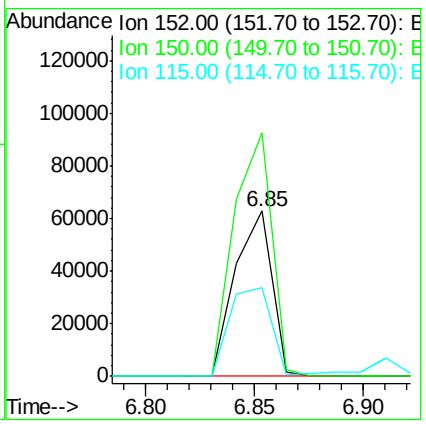


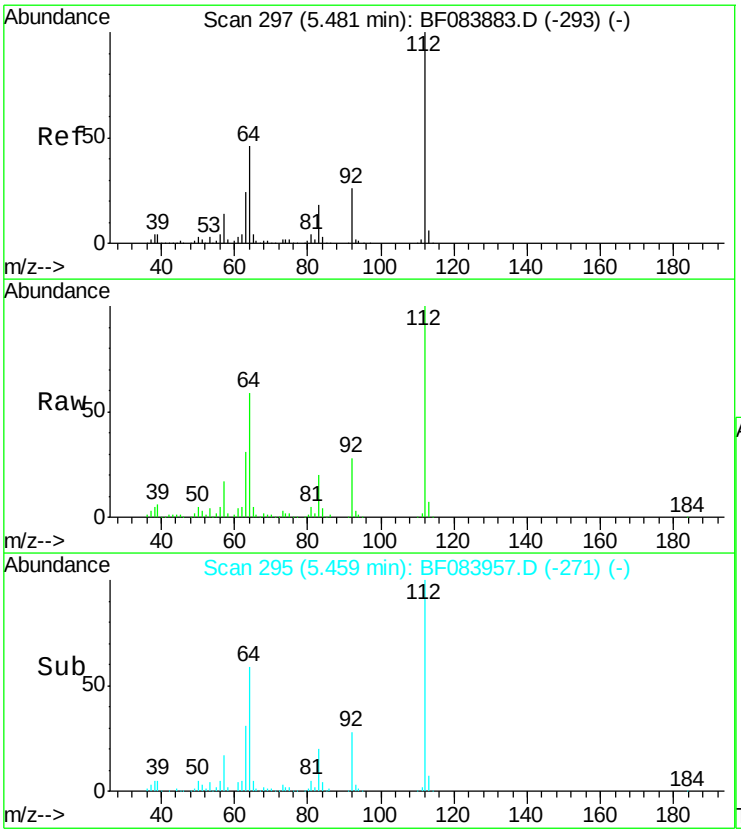
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Instrument :
BNA_F
ClientSampleId :
TEC-18

Tgt Ion:152 Resp: 73471

Ion	Ratio	Lower	Upper
152	100		
150	147.5	123.0	184.4
115	54.0	51.4	77.2

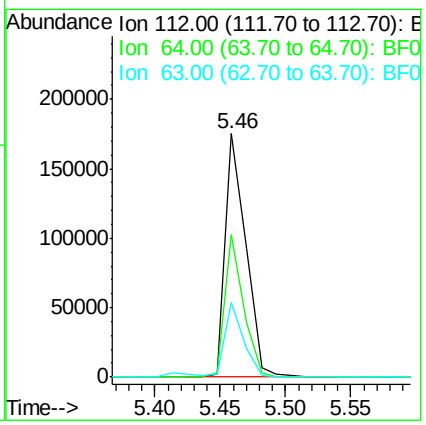


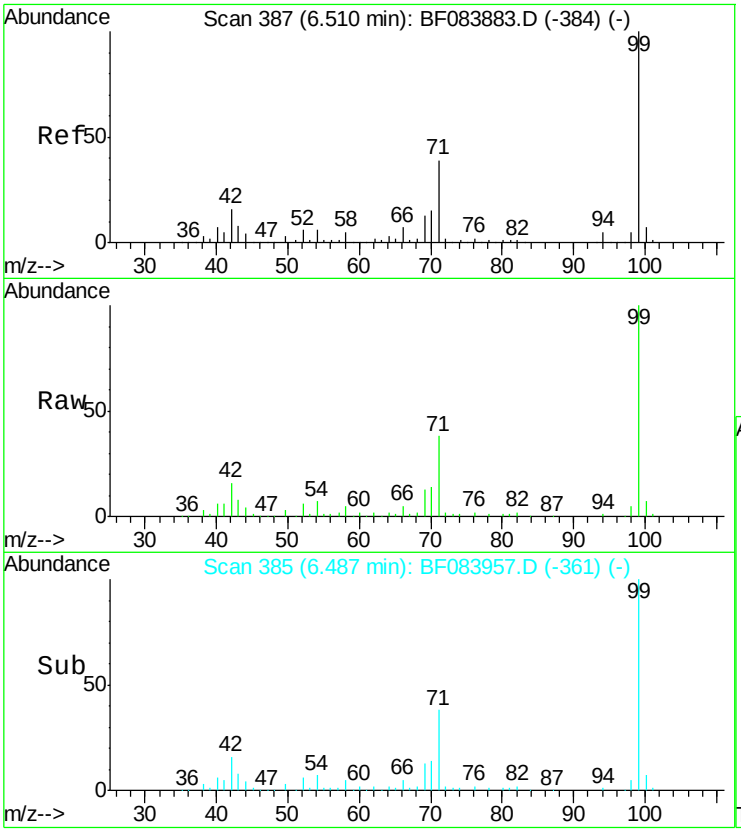


#5
2-Fluorophenol
Concen: 40.95 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Tgt Ion:112 Resp: 192229

Ion	Ratio	Lower	Upper
112	100		
64	58.6	36.6	55.0#
63	30.8	19.4	29.0#



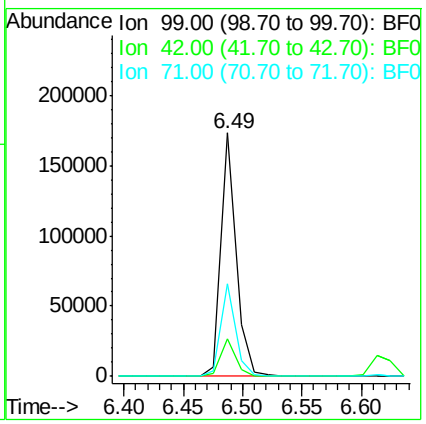


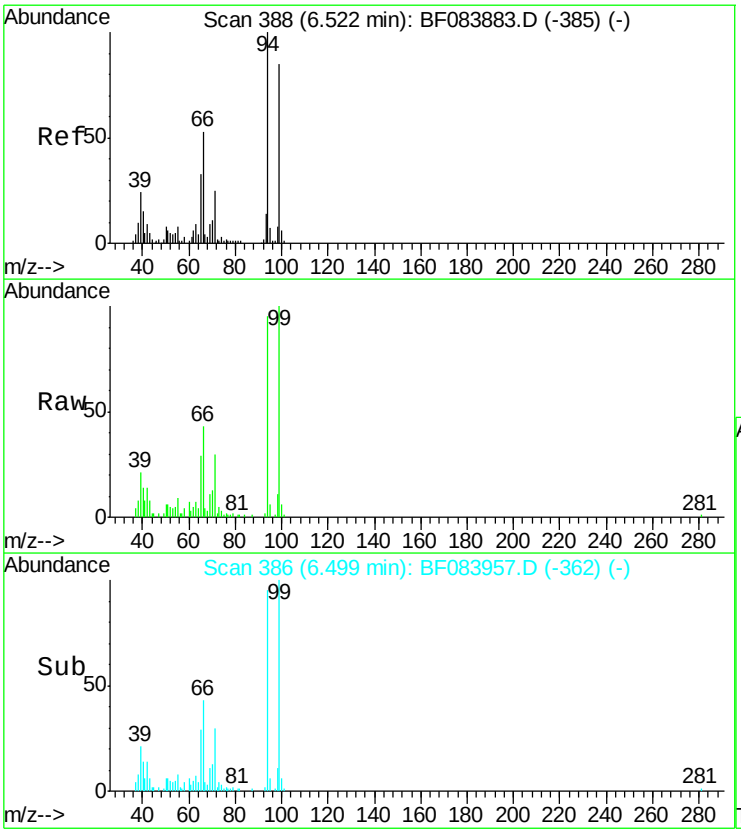
#7
Phenol-d6
Concen: 26.53 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Instrument :
BNA_F
ClientSampleId :
TEC-18

Tgt Ion: 99 Resp: 152468

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	38.0	30.9	46.3

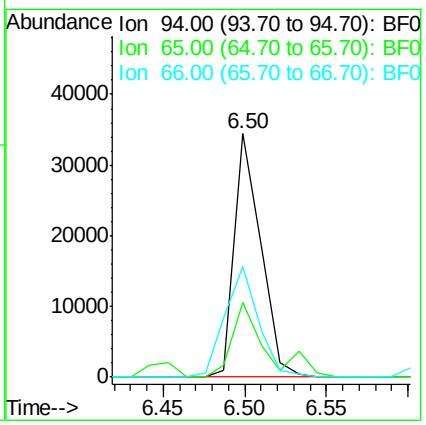


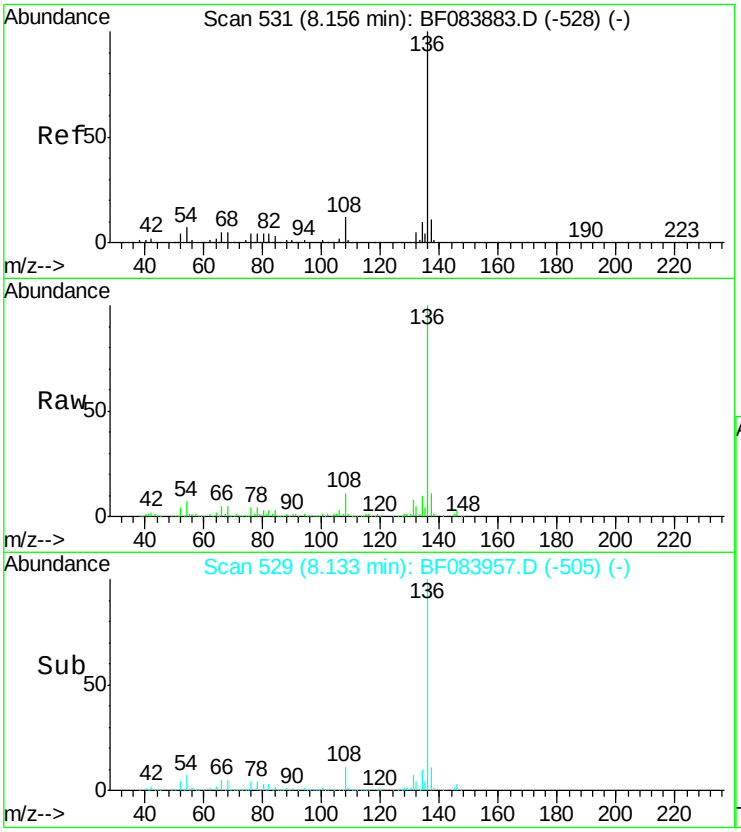


#10
Phenol
Concen: 5.98 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Tgt Ion: 94 Resp: 38323

Ion	Ratio	Lower	Upper
94	100		
65	30.9	12.9	52.9
66	45.4	32.7	72.7



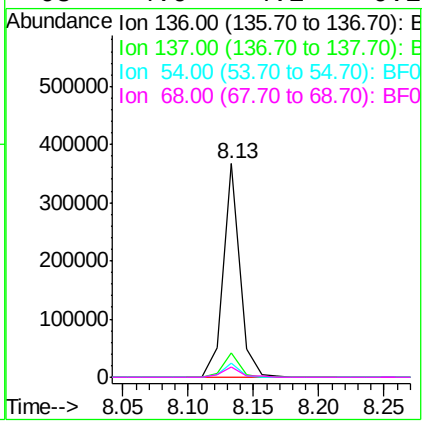


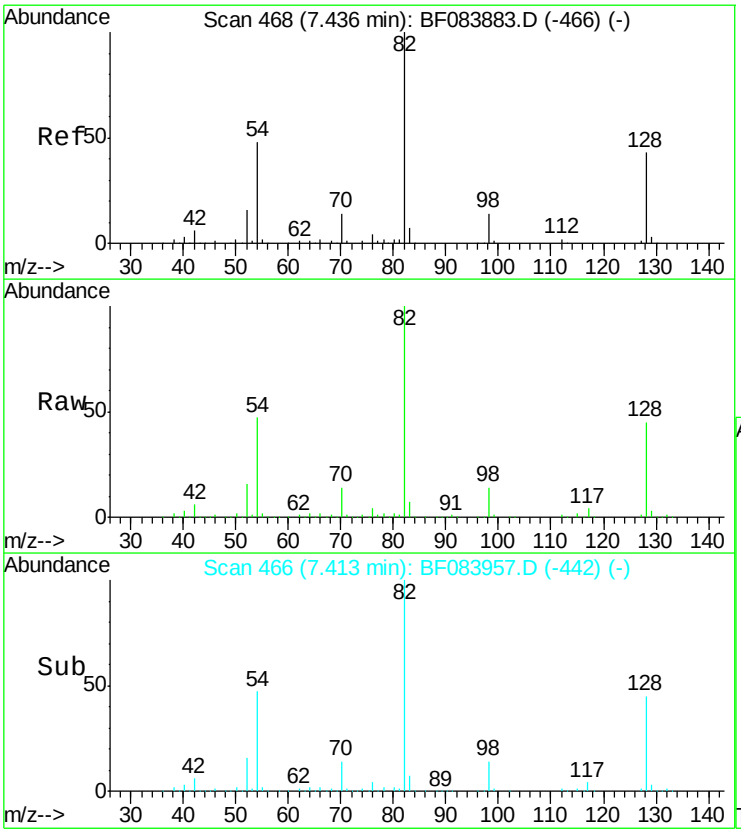
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Instrument :
BNA_F
ClientSampleId :
TEC-18

Tgt Ion:136 Resp: 325473

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.6	5.8	8.8
68	4.9	4.2	6.2

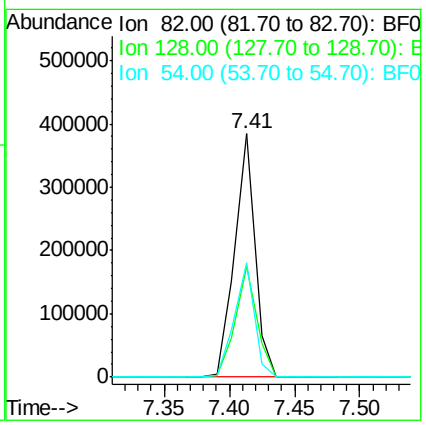


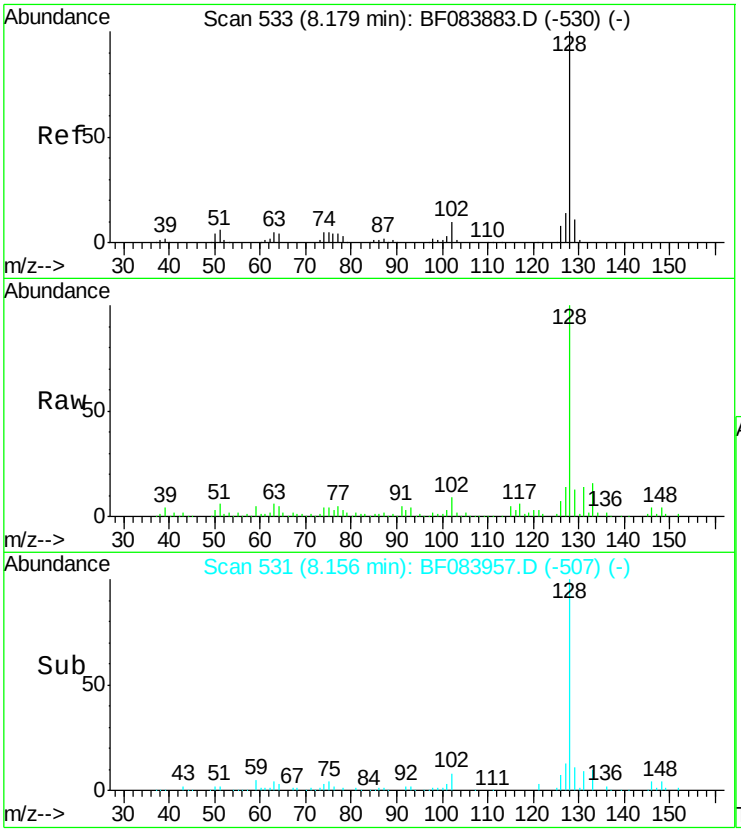


#23
Nitrobenzene-d5
Concen: 73.23 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Tgt Ion: 82 Resp: 417639

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	47.1	38.4	57.6



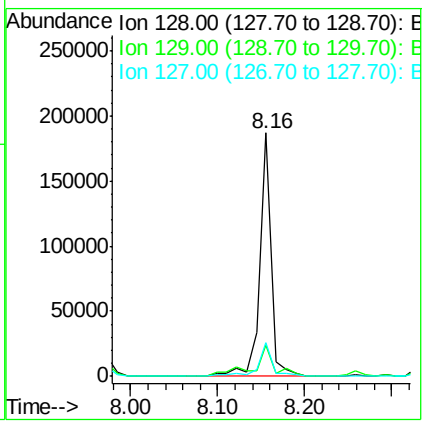


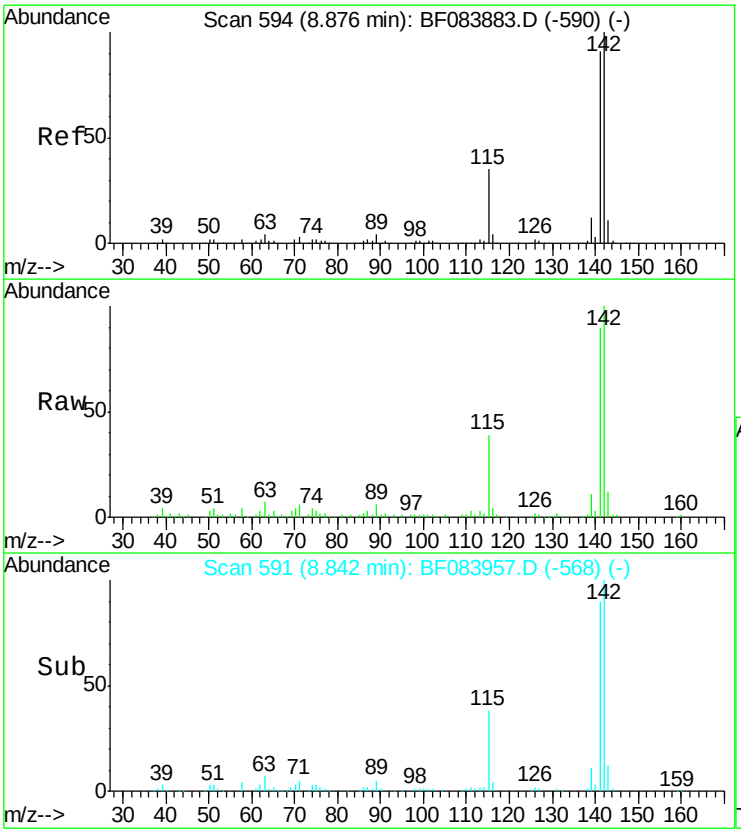
#31
Naphthalene
Concen: 9.05 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Instrument :
BNA_F
ClientSampleId :
TEC-18

Tgt Ion:128 Resp: 177221

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.1	13.7
127	13.8	11.1	16.7

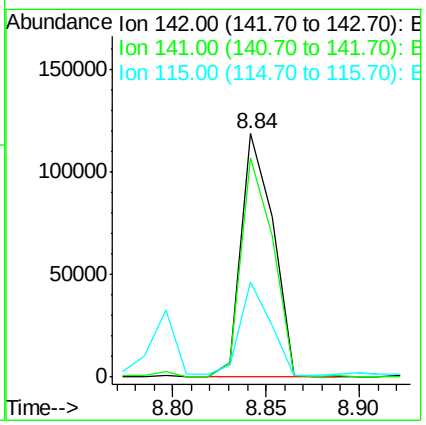


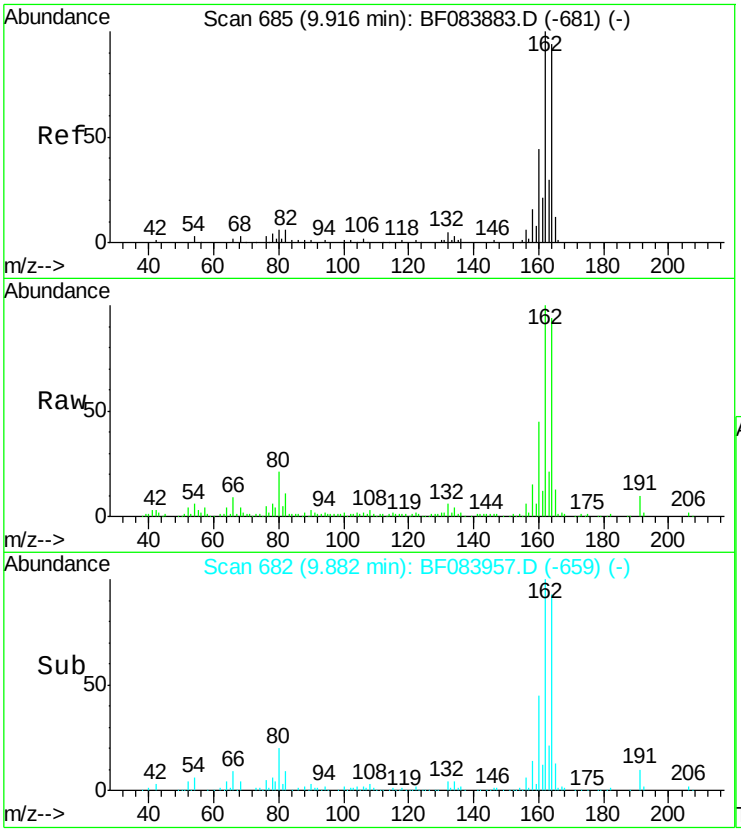


#37
2-Methylnaphthalene
Concen: 12.42 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.03 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Tgt Ion:142 Resp: 140530

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.4	108.6
115	39.1	27.9	41.9



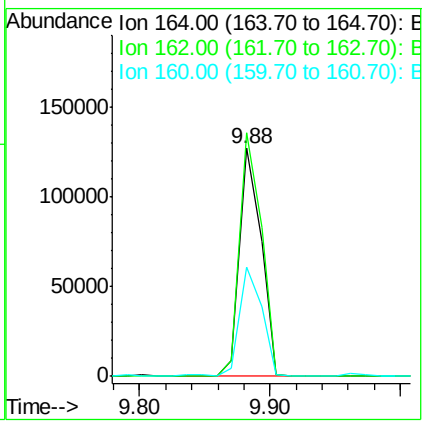


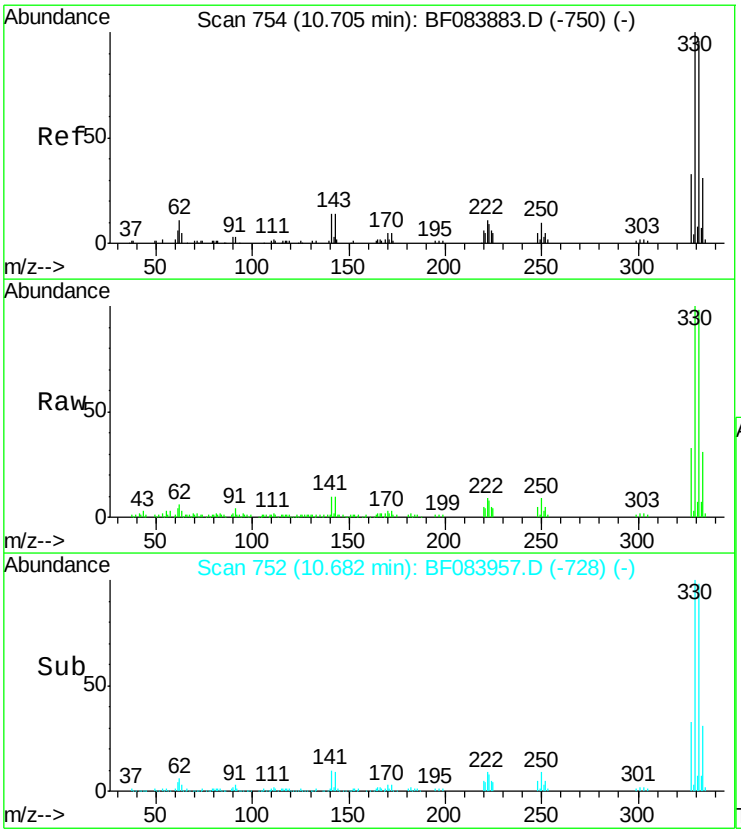
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Instrument :
BNA_F
ClientSampleId :
TEC-18

Tgt Ion:164 Resp: 146289

Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	48.1	37.5	56.3

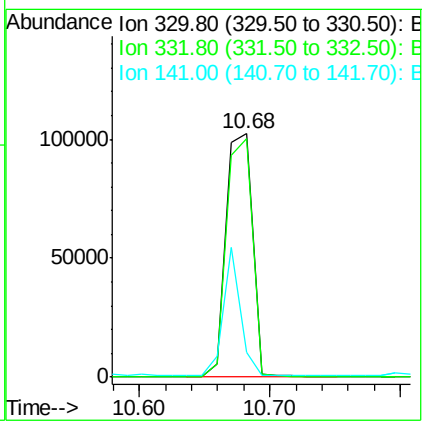


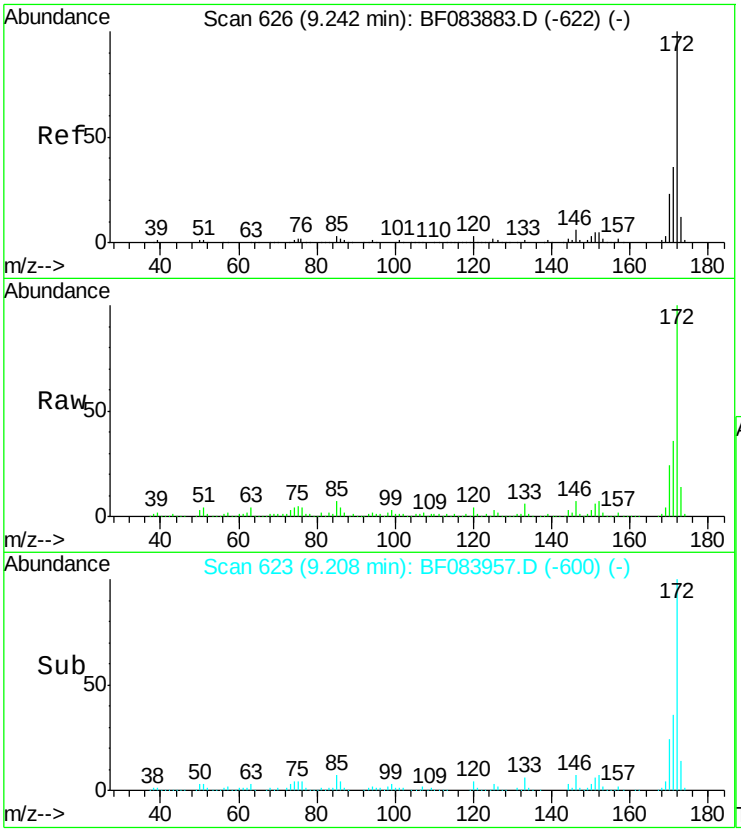


#41
2,4,6-Tribromophenol
Concen: 89.10 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Tgt Ion:330 Resp: 143595

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	34.7	27.8	41.6



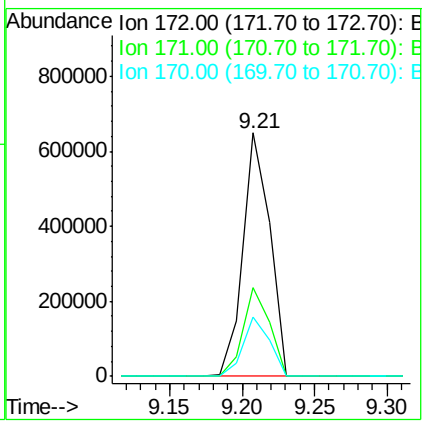


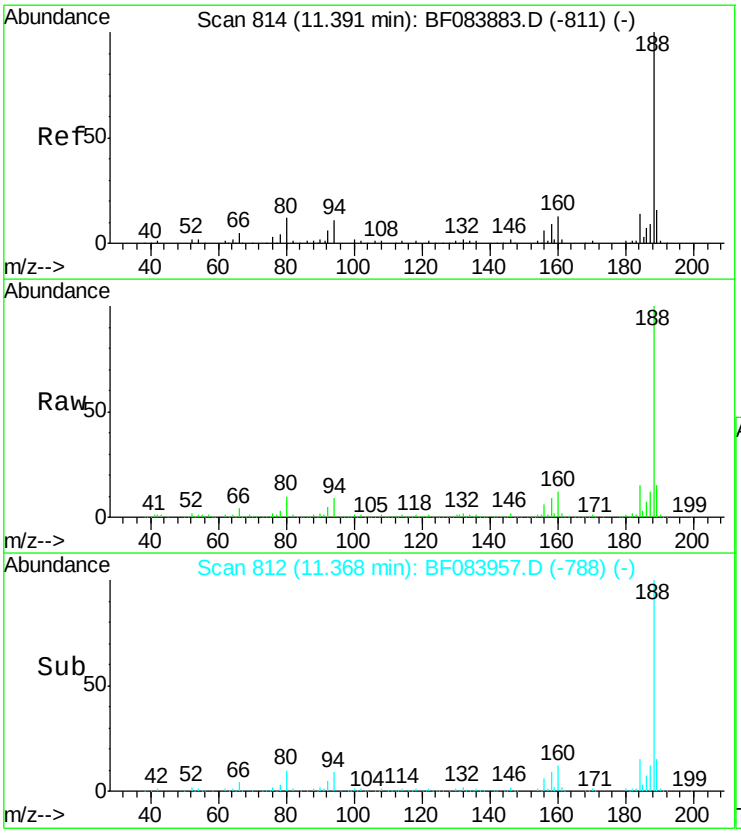
#44
2-Fluorobiphenyl
Concen: 79.39 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Instrument :
BNA_F
ClientSampleId :
TEC-18

Tgt Ion:172 Resp: 835746

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.1	18.6	27.8

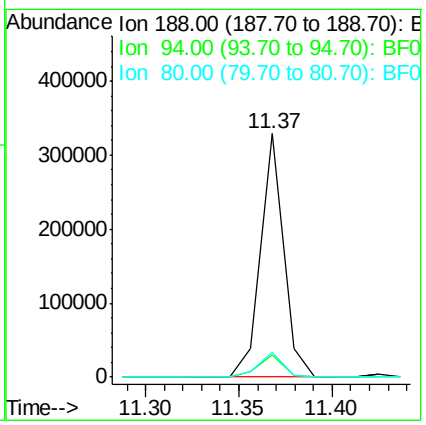


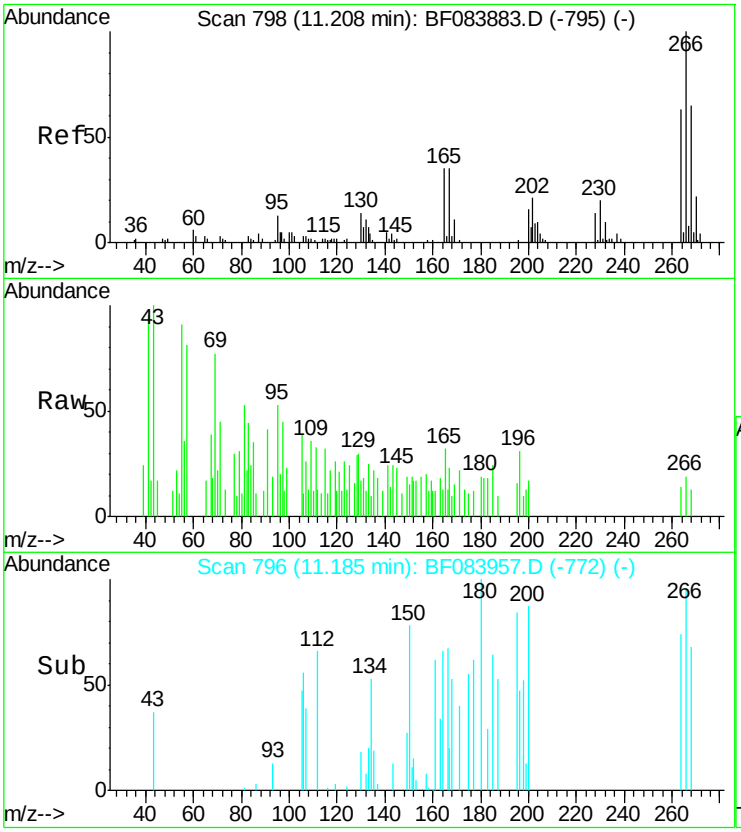


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Tgt Ion:188 Resp: 278900

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	10.0	9.6	14.4



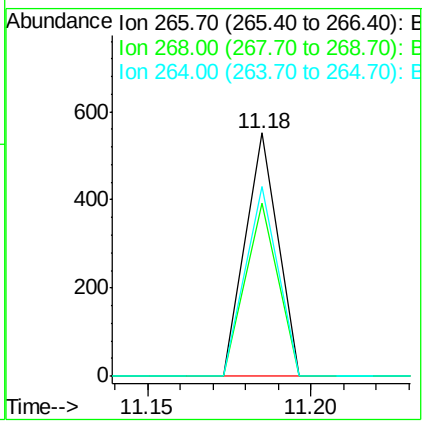


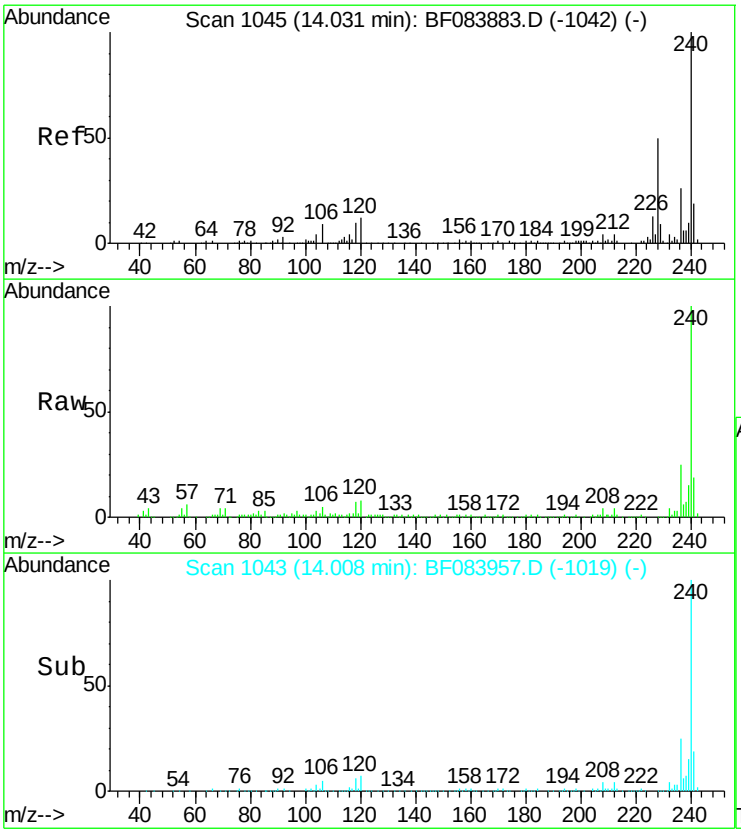
#69
Pentachlorophenol
Concen: 4.95 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Instrument :
BNA_F
ClientSampleId :
TEC-18

Tgt Ion:266 Resp: 379

Ion	Ratio	Lower	Upper
266	100		
268	71.2	52.4	78.6
264	77.7	50.2	75.2#

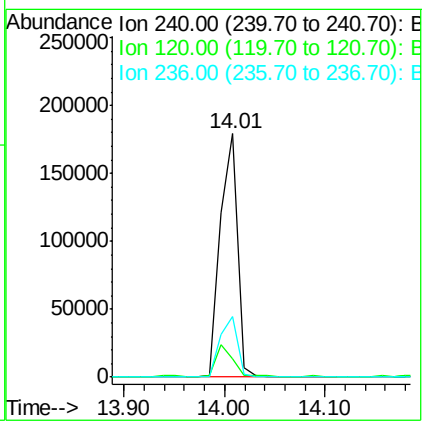


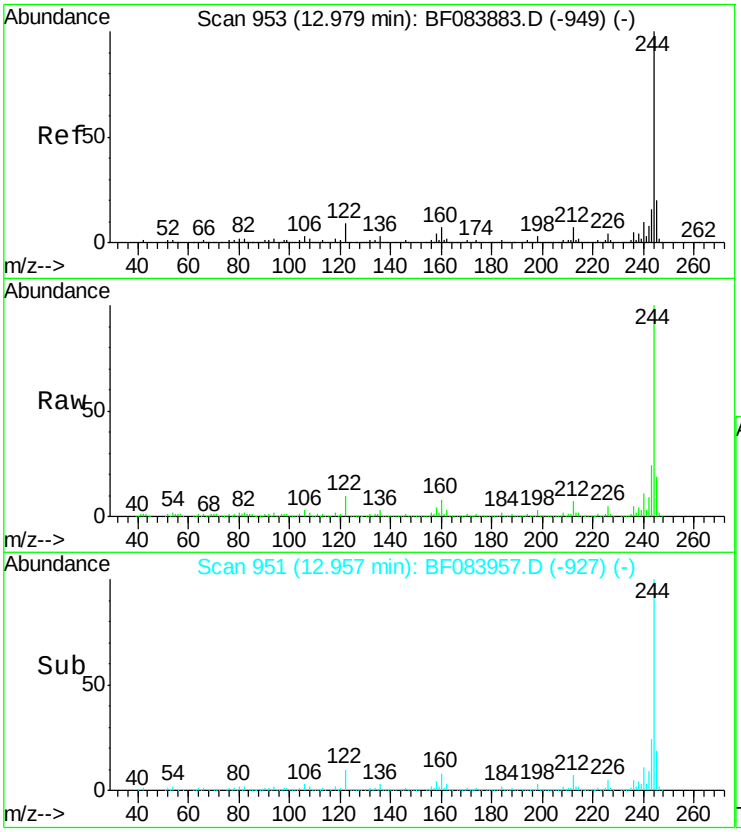


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Tgt Ion:240 Resp: 214192

Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.5	14.3#
236	25.1	20.6	31.0



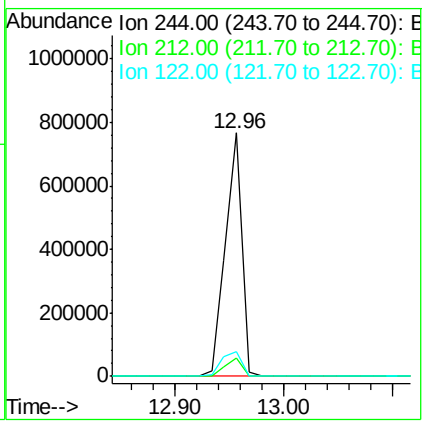


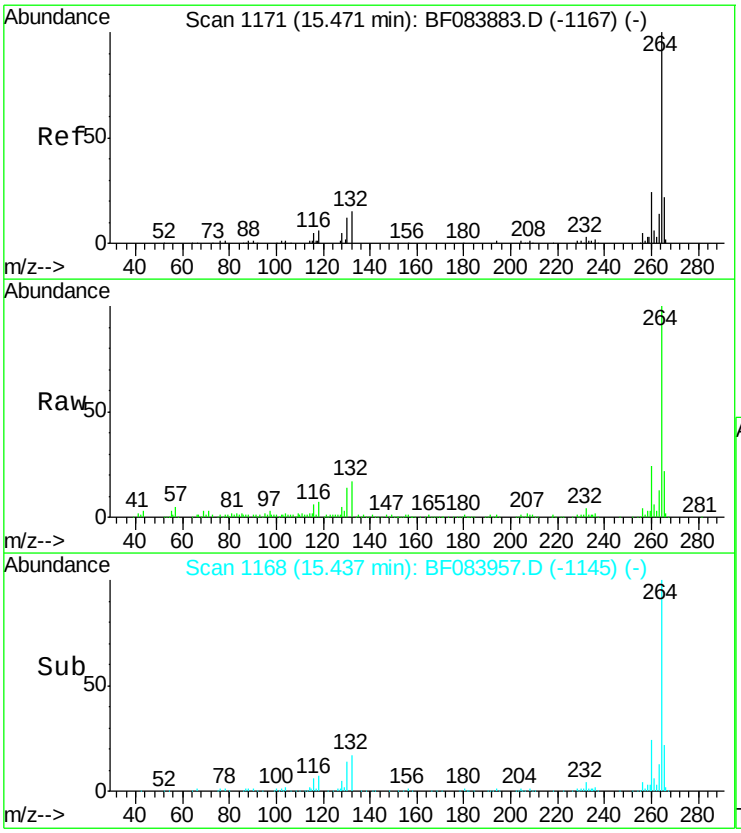
#78
Terphenyl-d14
Concen: 87.61 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Instrument :
BNA_F
ClientSampleId :
TEC-18

Tgt Ion:244 Resp: 800837

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	10.0	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083957.D
Acq: 19 Dec 2015 16:29

Tgt Ion:264 Resp: 167366

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.9	17.8	26.6