Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088879.D
Acq On : 9 Jul 2016 19:04
Operator : UM/SJ
Sample : H3813-12 25X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS003-0006-01

Quant Time: Jul 11 05:51:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	70506	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	263541	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	130578	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	253747	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	194772	20.00	ng	-0.02
86) Perylene-d12	15.22	264	142953	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	21302	4.53	ng	-0.03
7) Phenol-d6	6.34	99	28384	4.67	ng	-0.03
23) Nitrobenzene-d5	7.28	82	17070	3.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	5424	4.47	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	34312	4.15	ng	-0.02
78) Terphenyl-d14	12.81	244	33146	3.79	ng	-0.01
Target Compounds						Qvalue

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

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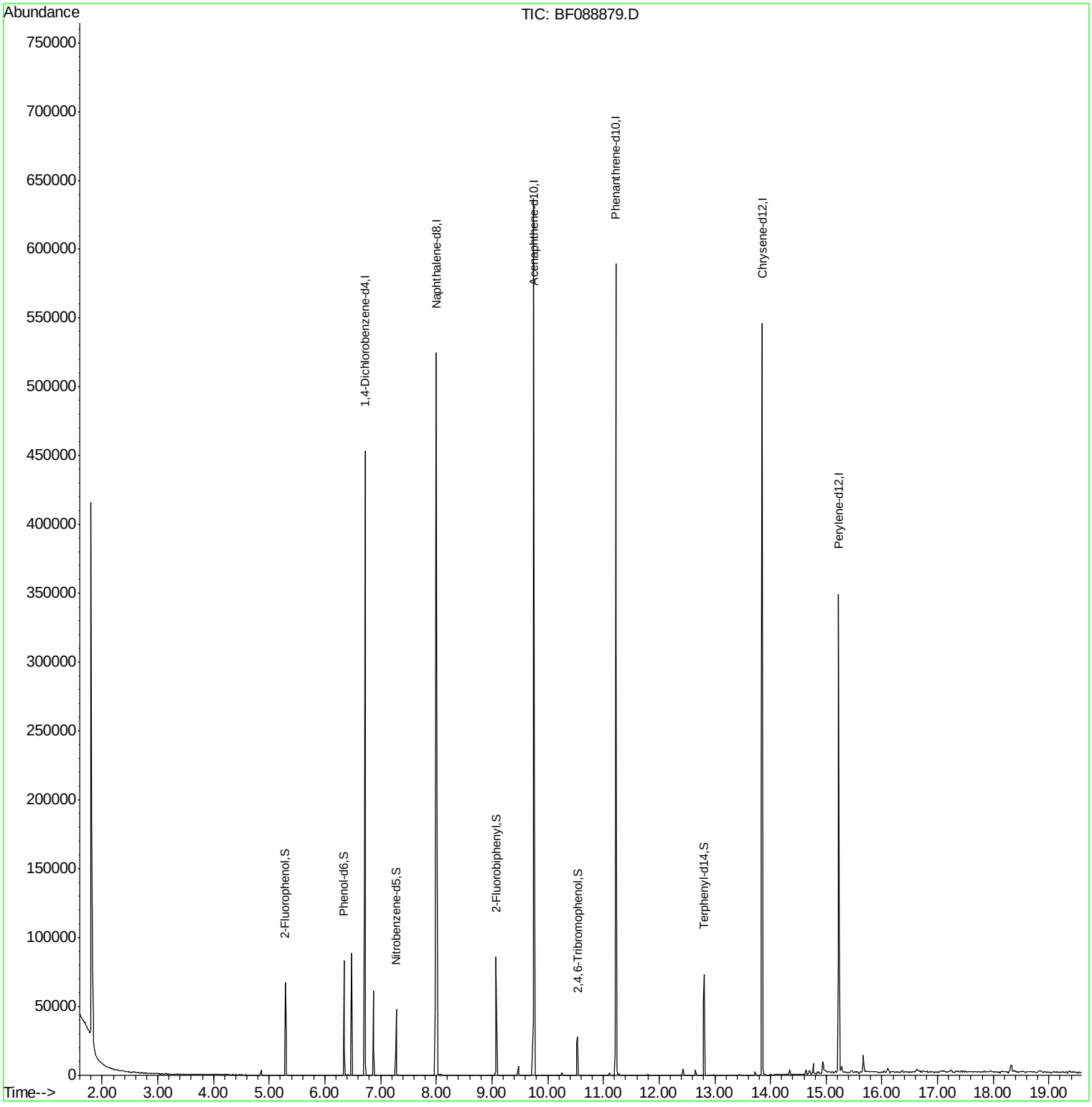
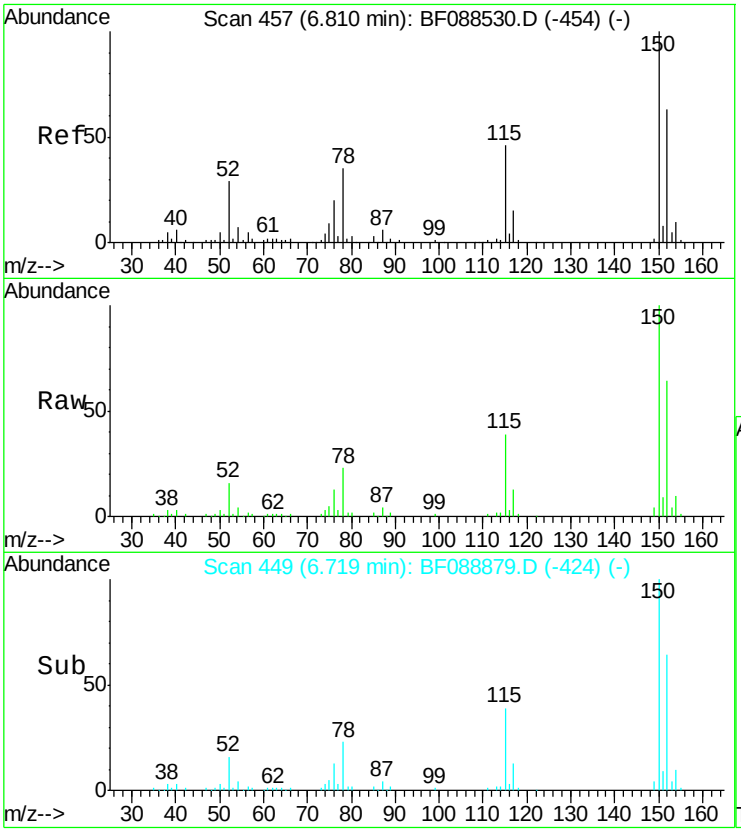


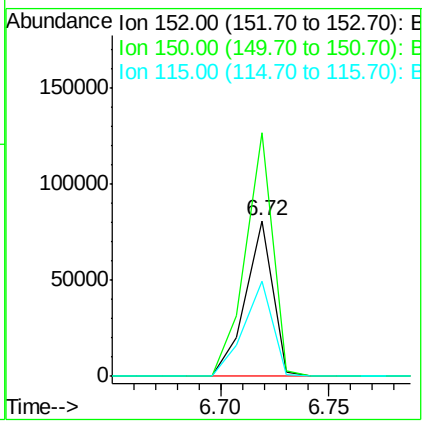


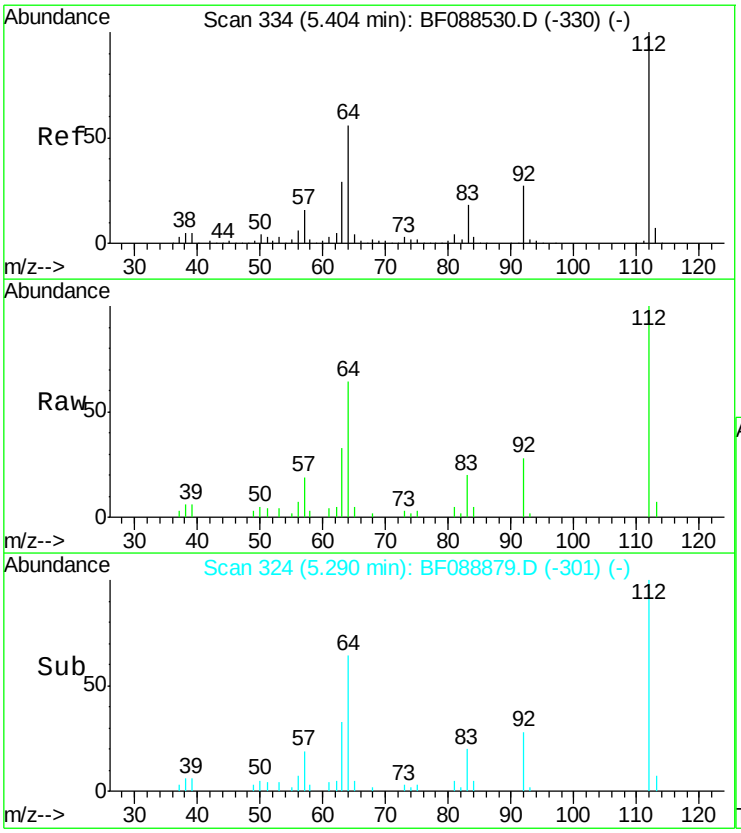
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0006-01

Tgt Ion:152 Resp: 70506

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	61.3	39.6	59.4#

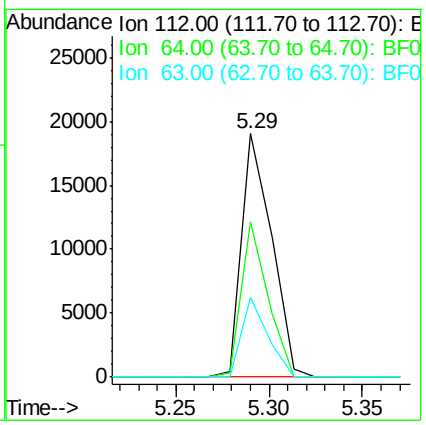


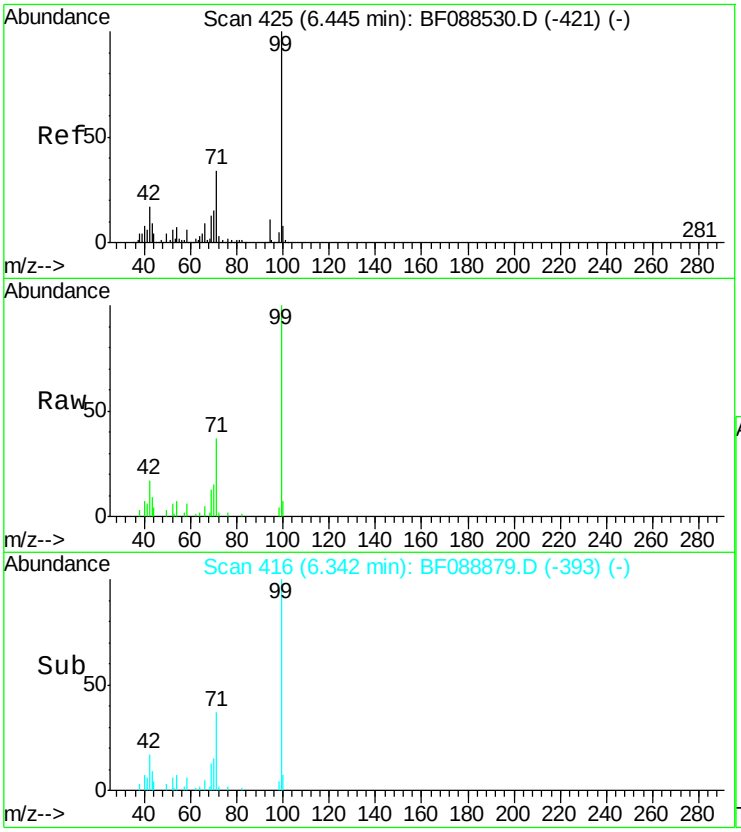


#5
2-Fluorophenol
Concen: 4.53 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.03 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Tgt Ion:112 Resp: 21302

Ion	Ratio	Lower	Upper
112	100		
64	63.7	42.2	63.2#
63	32.6	21.8	32.8



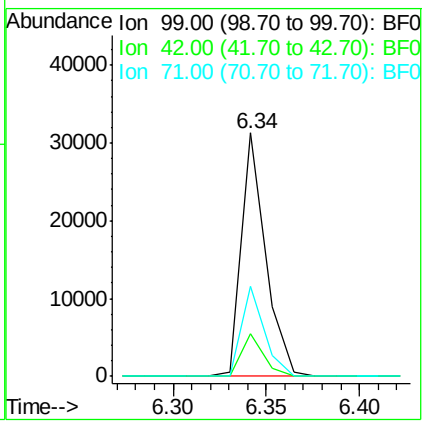


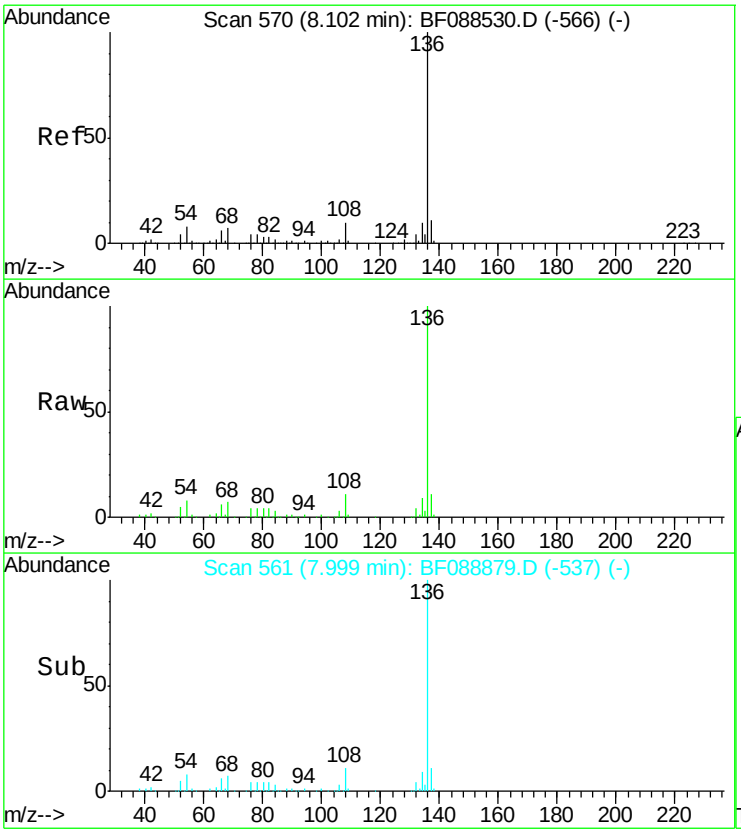
#7
Phenol-d6
Concen: 4.67 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0006-01

Tgt Ion: 99 Resp: 28384

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	37.0	23.4	35.0#

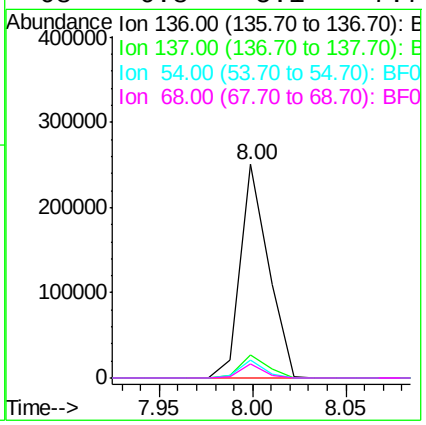


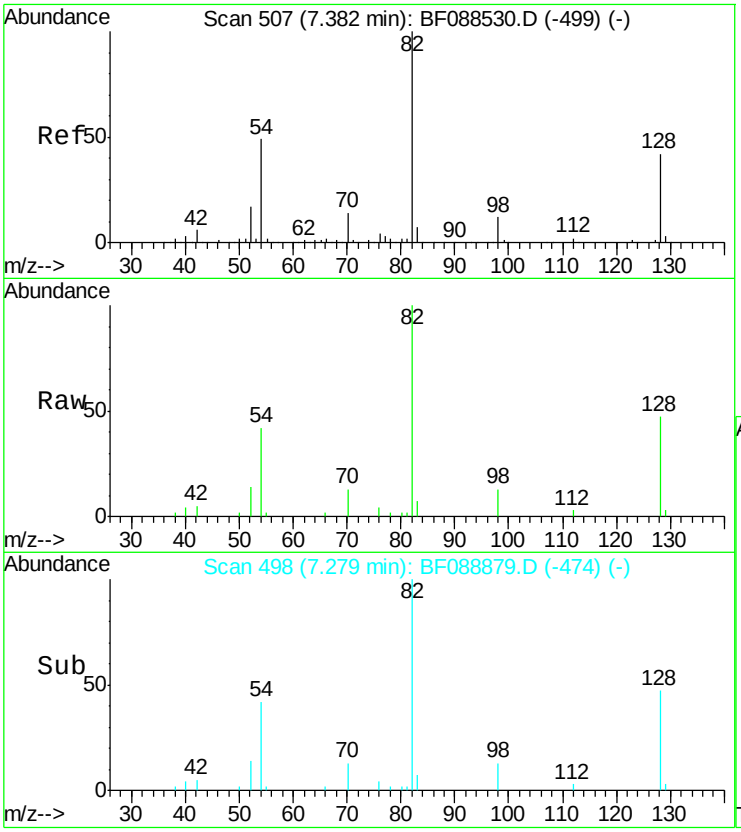


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Tgt Ion:136 Resp: 263541

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.4	6.6	10.0
68	6.8	5.1	7.7



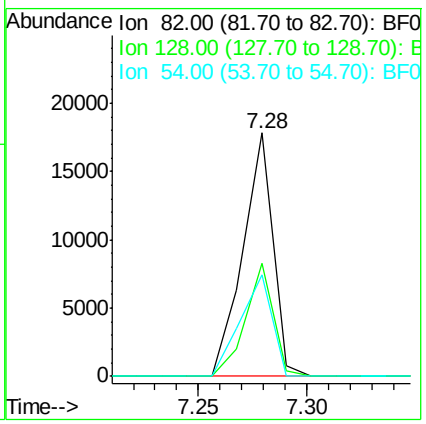


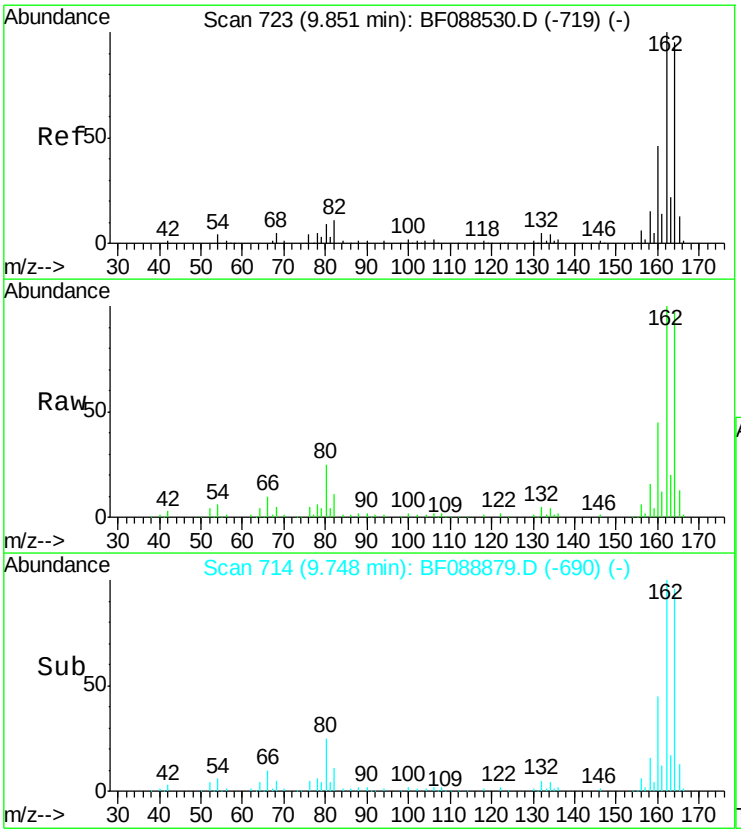
#23
Nitrobenzene-d5
Concen: 3.39 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0006-01

Tgt Ion: 82 Resp: 17070

Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.9	53.9
54	41.9	40.9	61.3

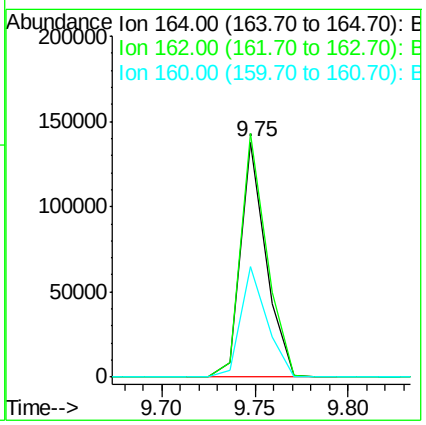


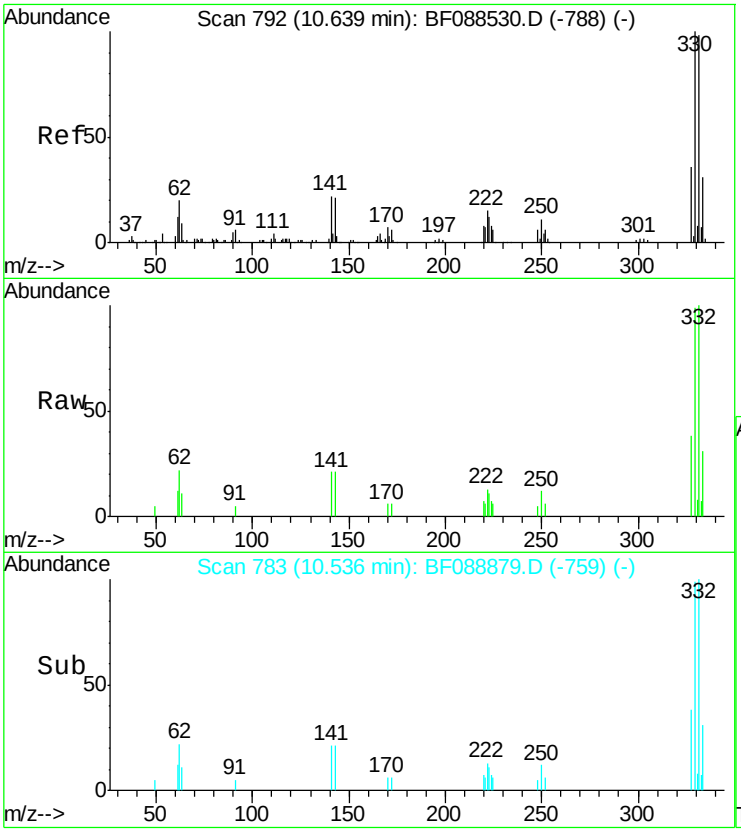


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Tgt Ion:164 Resp: 130578

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.8	39.5	59.3



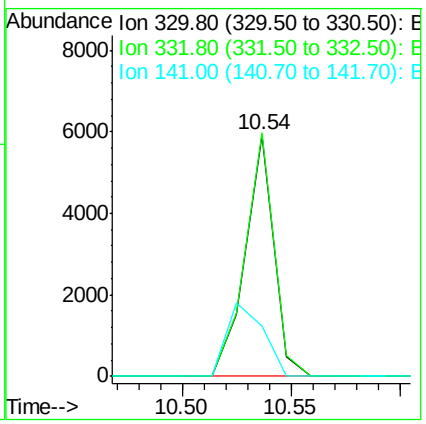


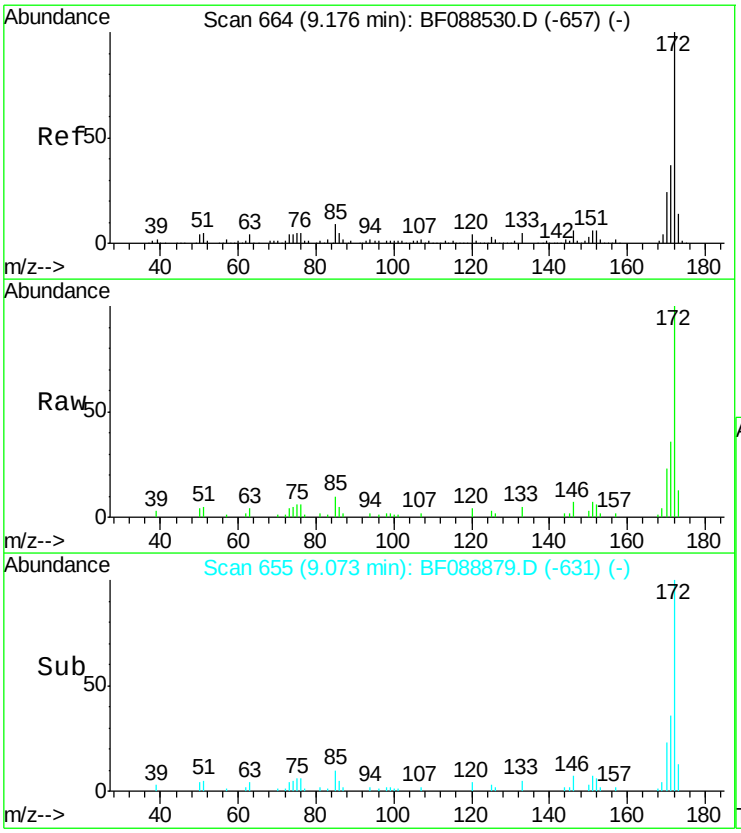
#41
2,4,6-Tribromophenol
Concen: 4.47 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0006-01

Tgt Ion:330 Resp: 5424

Ion	Ratio	Lower	Upper
330	100		
332	101.6	0.0	0.0#
141	38.2	0.0	0.0#

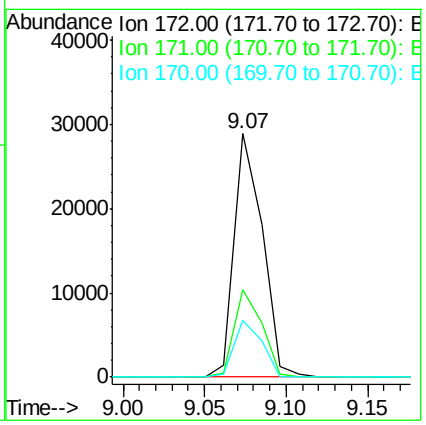


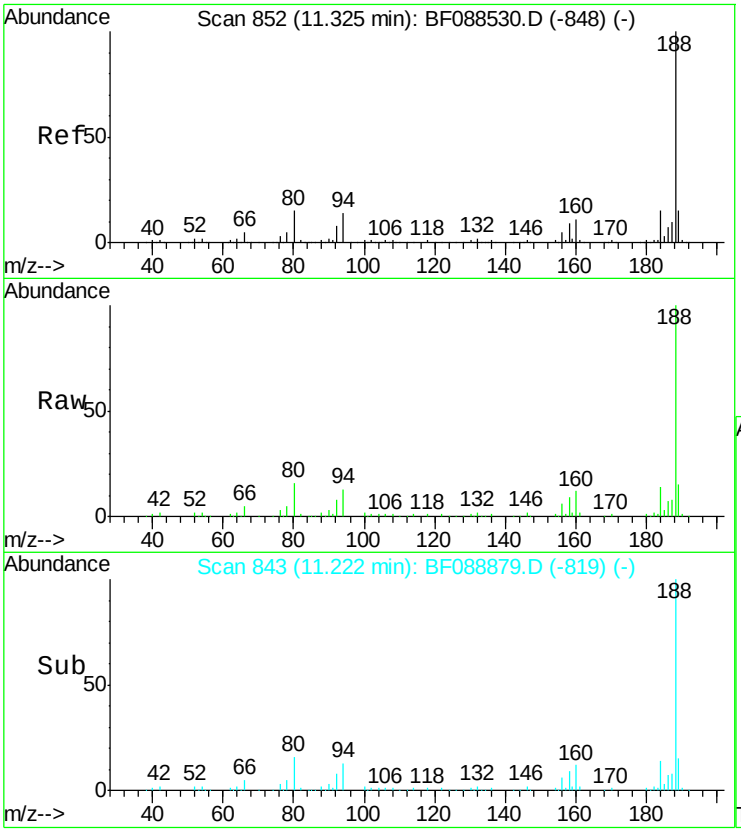


#44
2-Fluorobiphenyl
Concen: 4.15 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Tgt Ion:172 Resp: 34312

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.4	19.2	28.8



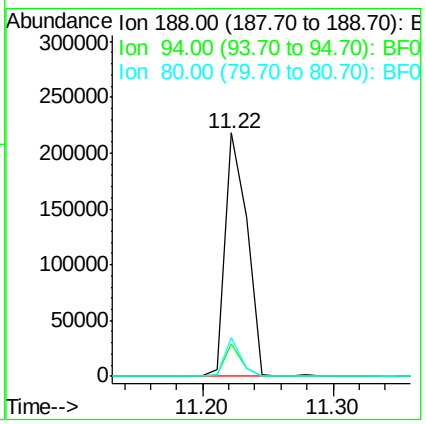


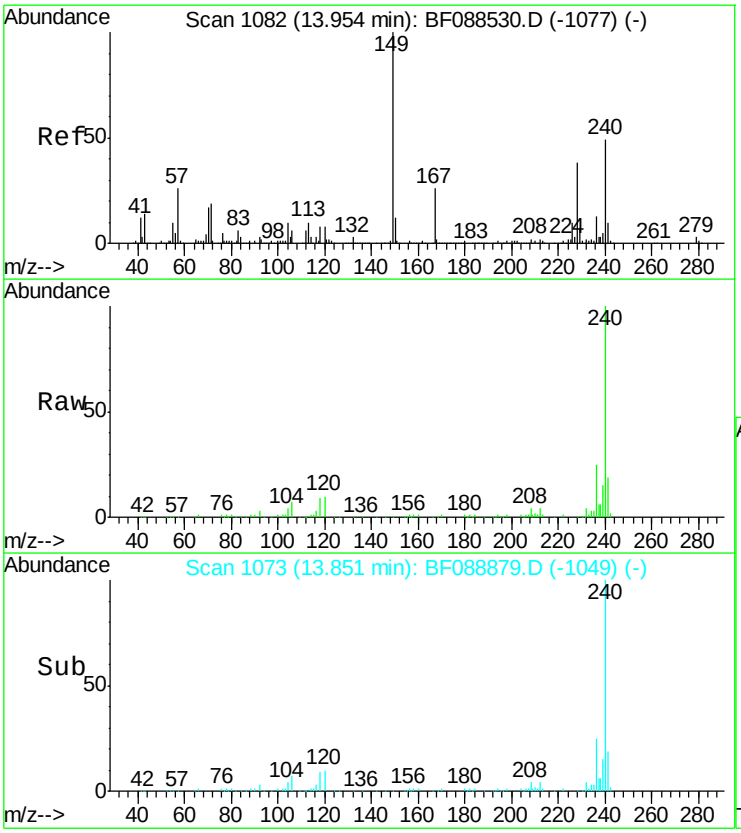
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0006-01

Tgt Ion:188 Resp: 253747

Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.0	13.6
80	15.8	10.0	15.0#

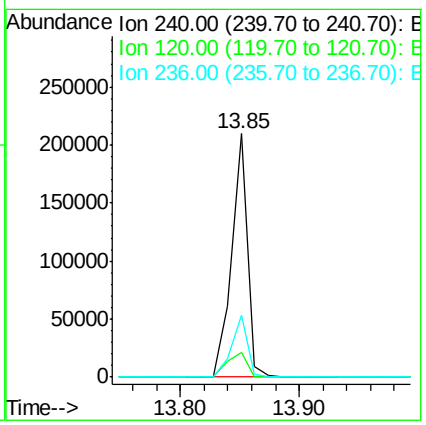


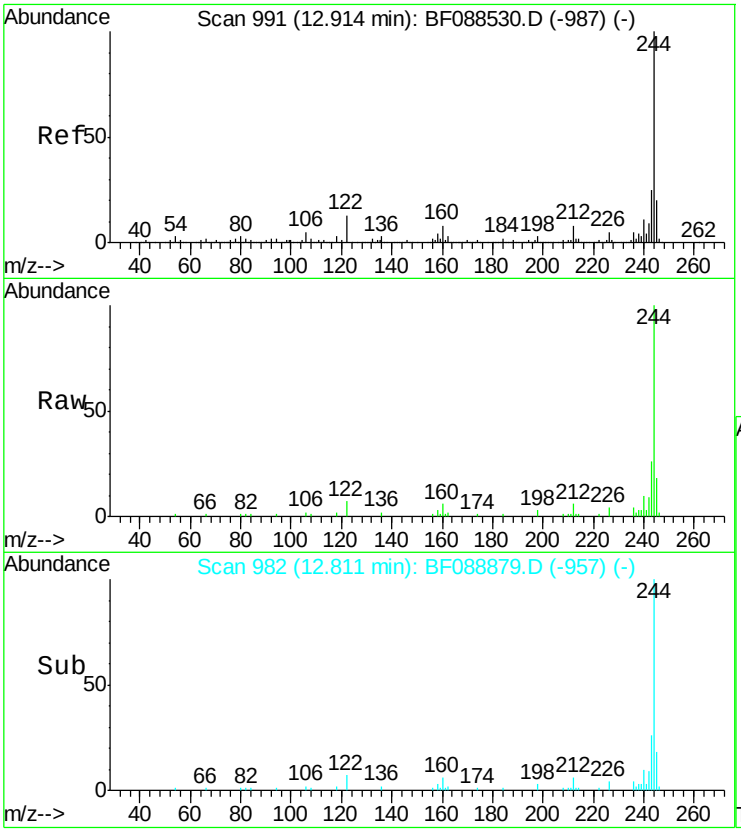


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Tgt Ion:240 Resp: 194772

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.8	10.2
236	25.3	20.2	30.2



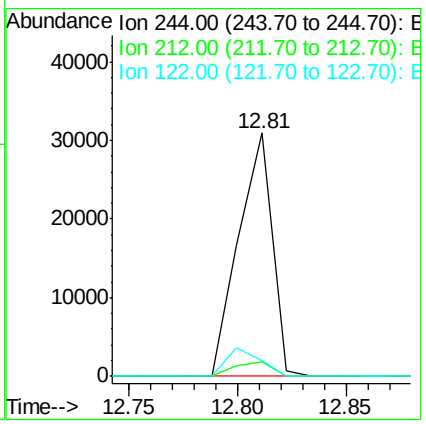


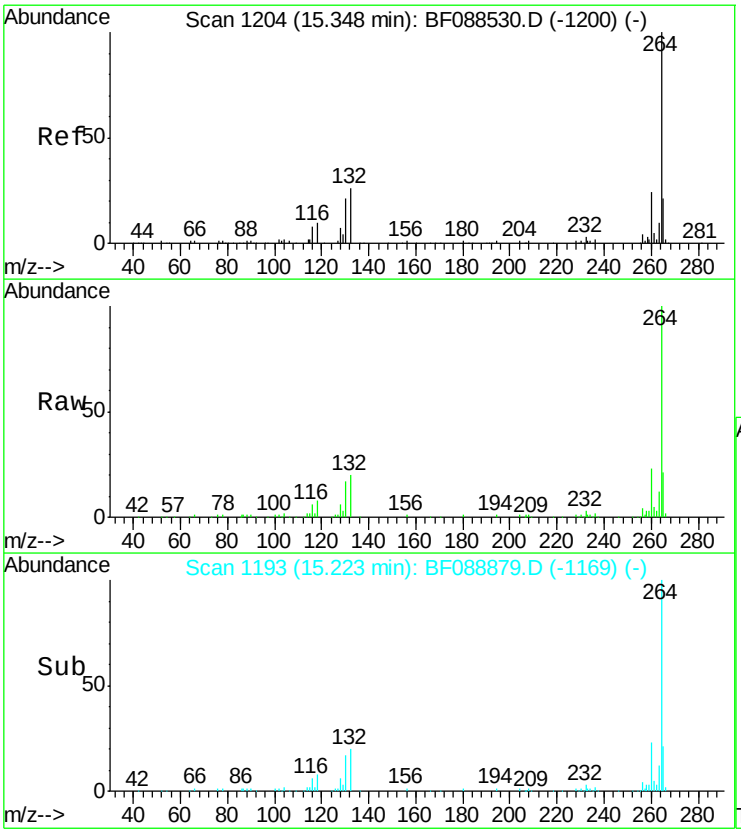
#78
Terphenyl-d14
Concen: 3.79 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0006-01

Tgt Ion:244 Resp: 33146

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	6.6	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088879.D
Acq: 9 Jul 2016 19:04

Tgt Ion:264 Resp: 142953

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3