Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087199.D
Acq On : 19 May 2016 21:05
Operator : UM/SJ
Sample : H3144-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11-AB-AC(0-2)

Quant Time: May 20 03:38:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:23:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	134249	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	567393	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	269989	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	463891	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	308332	20.00	ng	-0.01
86) Perylene-d12	15.05	264	273374	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	827618	103.62	ng	0.01
7) Phenol-d6	6.23	99	1095889	102.30	ng	-0.01
23) Nitrobenzene-d5	7.14	82	764471	67.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	241967	81.10	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1215482	74.56	ng	0.00
78) Terphenyl-d14	12.66	244	871440	63.93	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.34	163	163085	7.92	ng	99

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

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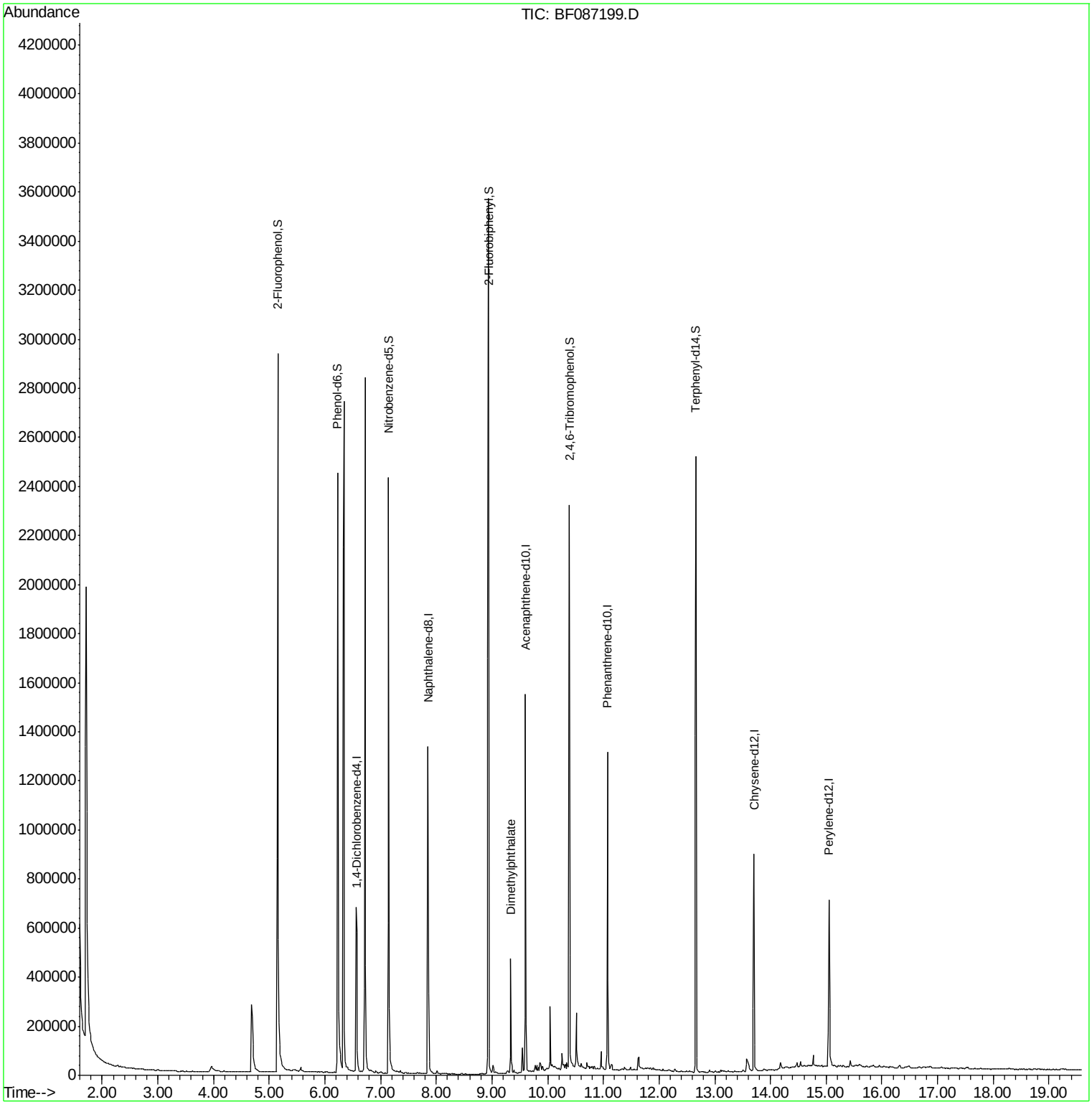
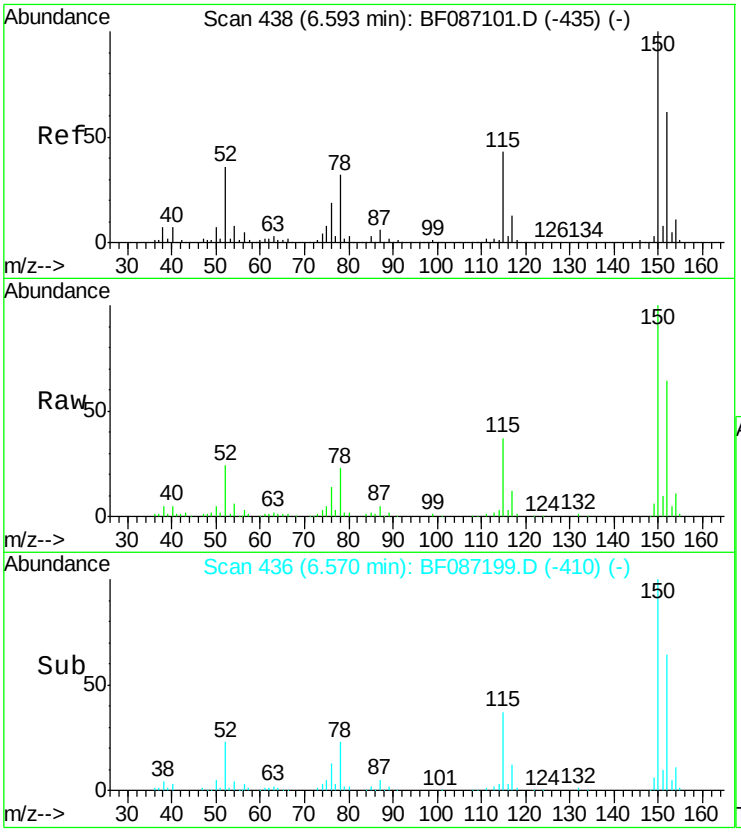


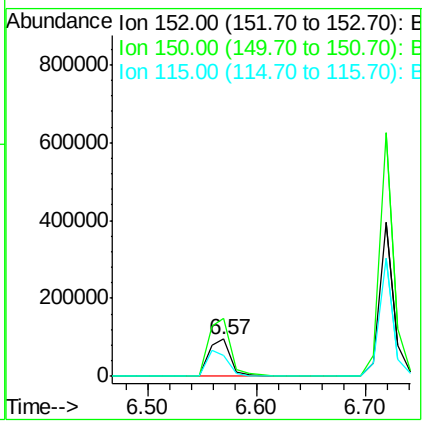


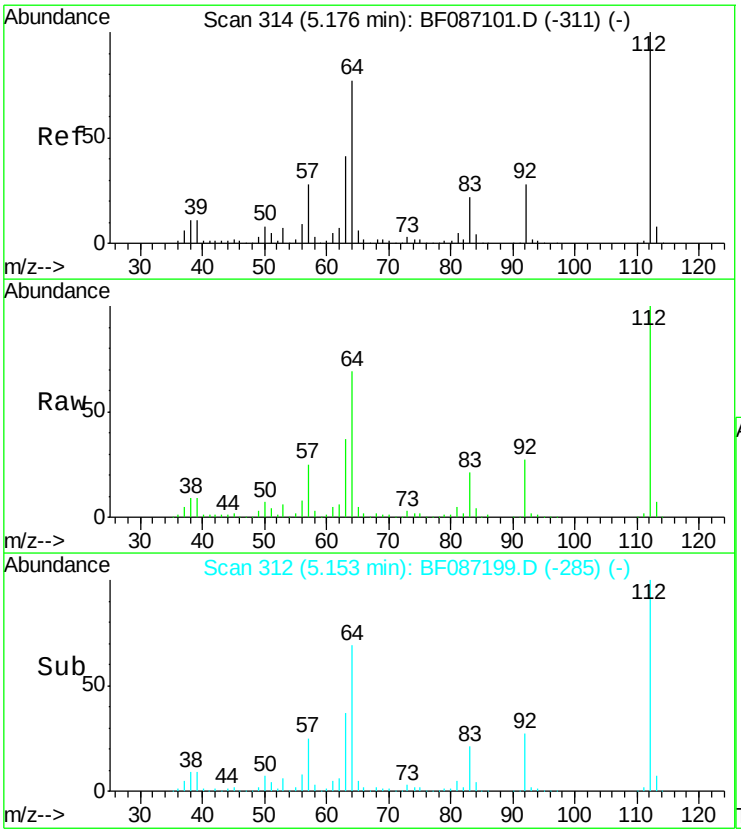
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
11-AB-AC(0-2)

Tgt Ion:152 Resp: 134249

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.8	188.6
115	57.7	51.5	77.3

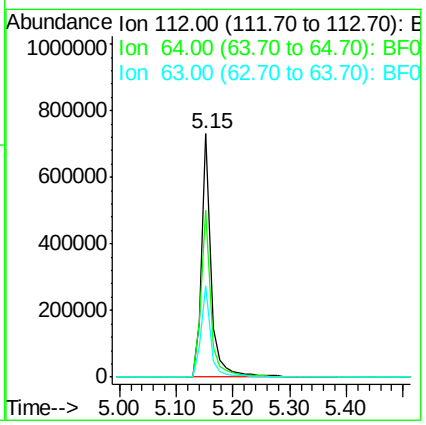


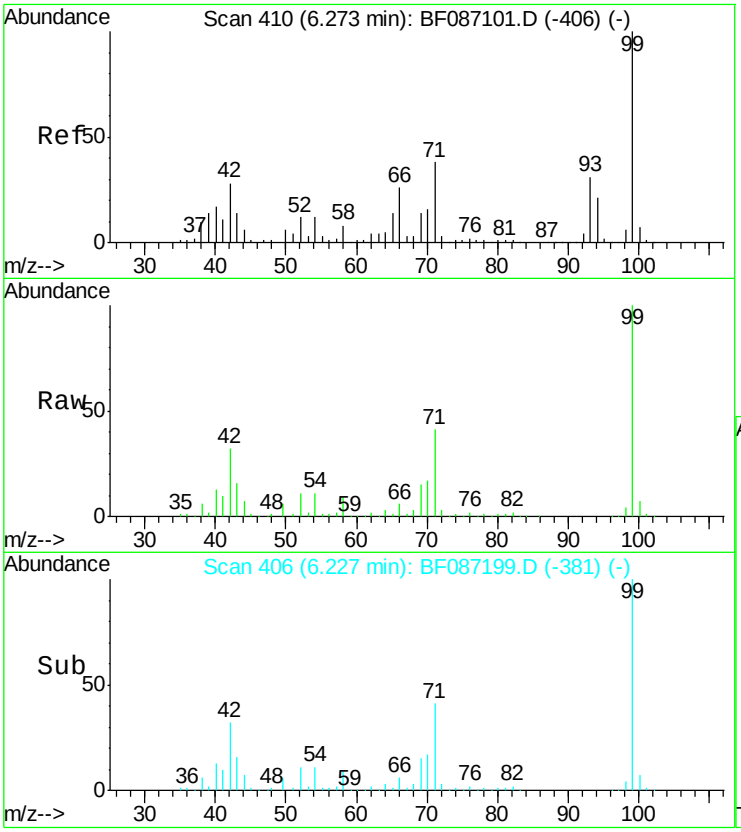


#5
2-Fluorophenol
Concen: 103.62 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Tgt Ion:112 Resp: 827618

Ion	Ratio	Lower	Upper
112	100		
64	68.6	52.1	78.1
63	37.3	25.7	38.5



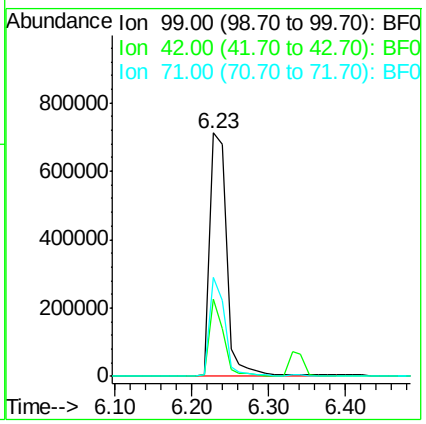


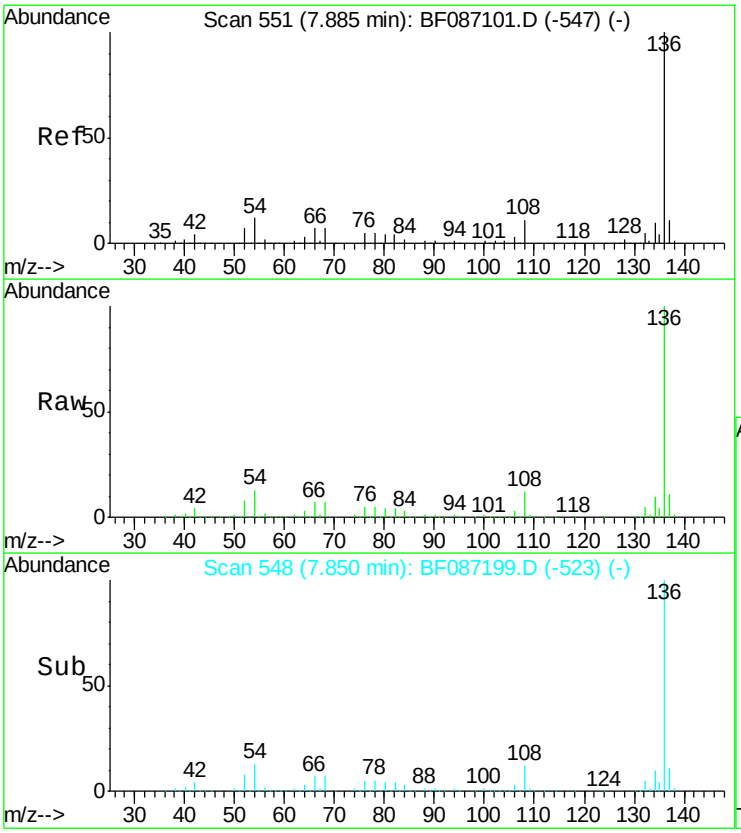
#7
Phenol-d6
Concen: 102.30 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
11-AB-AC(0-2)

Tgt Ion: 99 Resp: 1095889

Ion	Ratio	Lower	Upper
99	100		
42	31.8	13.6	20.4#
71	40.6	24.6	36.8#

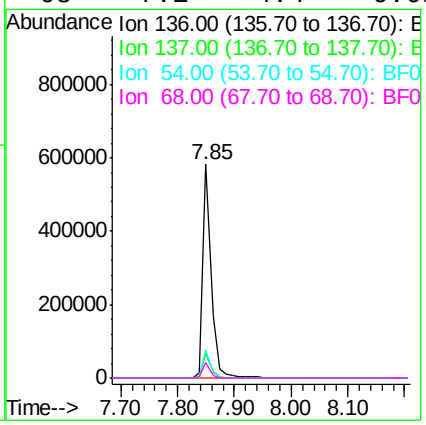


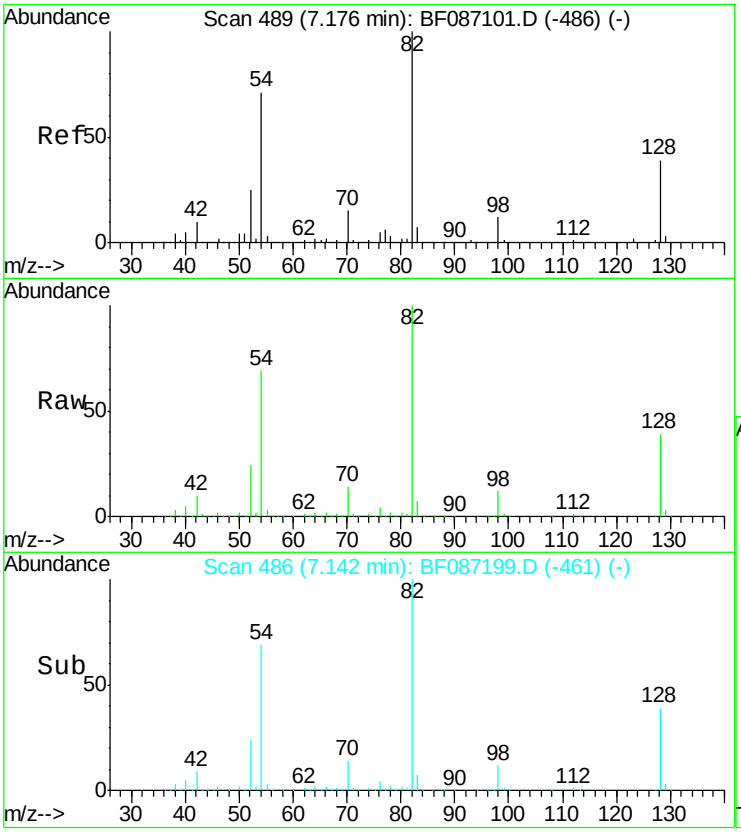


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Tgt Ion:136 Resp: 567393

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.3	5.0	7.4#
68	7.1	4.4	6.6#



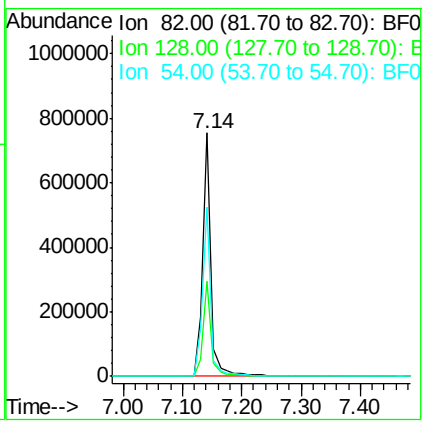


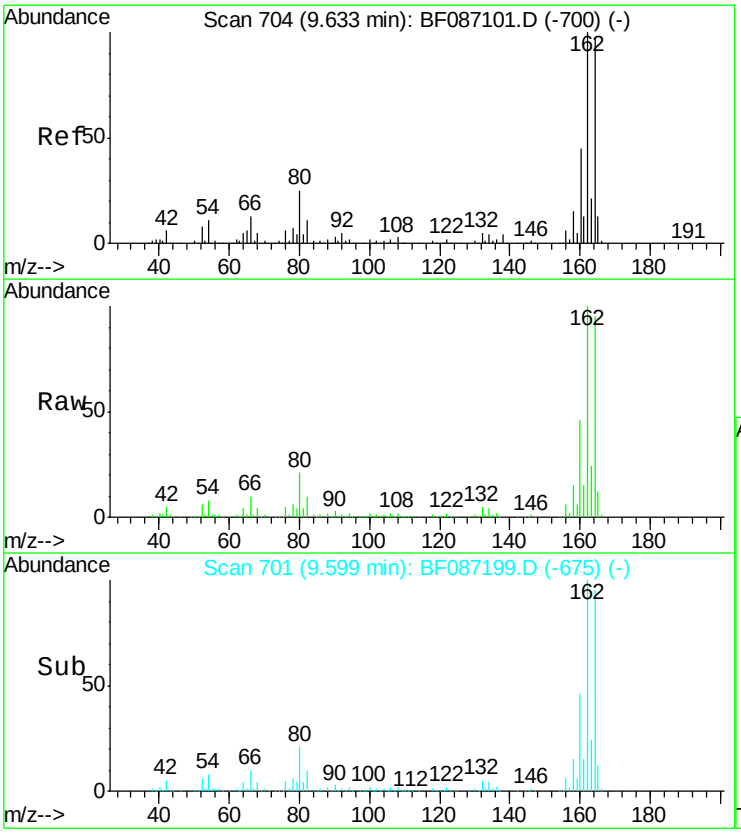
#23
Nitrobenzene-d5
Concen: 67.15 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
11-AB-AC(0-2)

Tgt Ion: 82 Resp: 764471

Ion	Ratio	Lower	Upper
82	100		
128	39.1	40.6	61.0#
54	69.5	38.1	57.1#

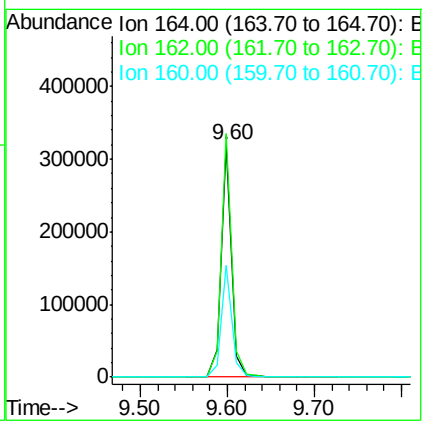


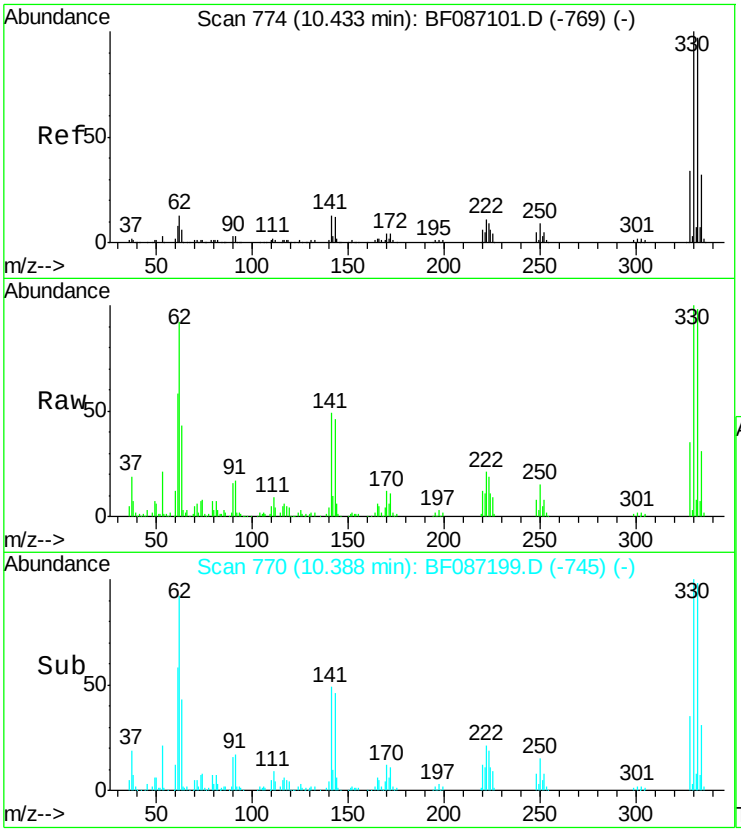


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Tgt Ion:164 Resp: 269989

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.8	124.2
160	47.8	36.9	55.3



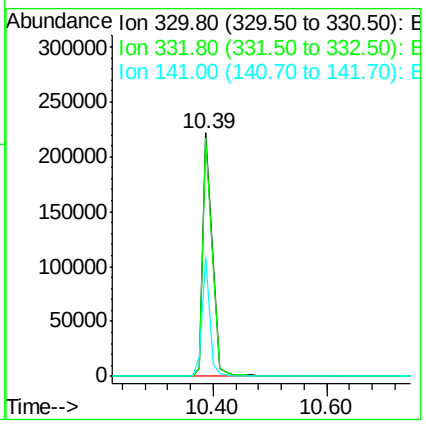


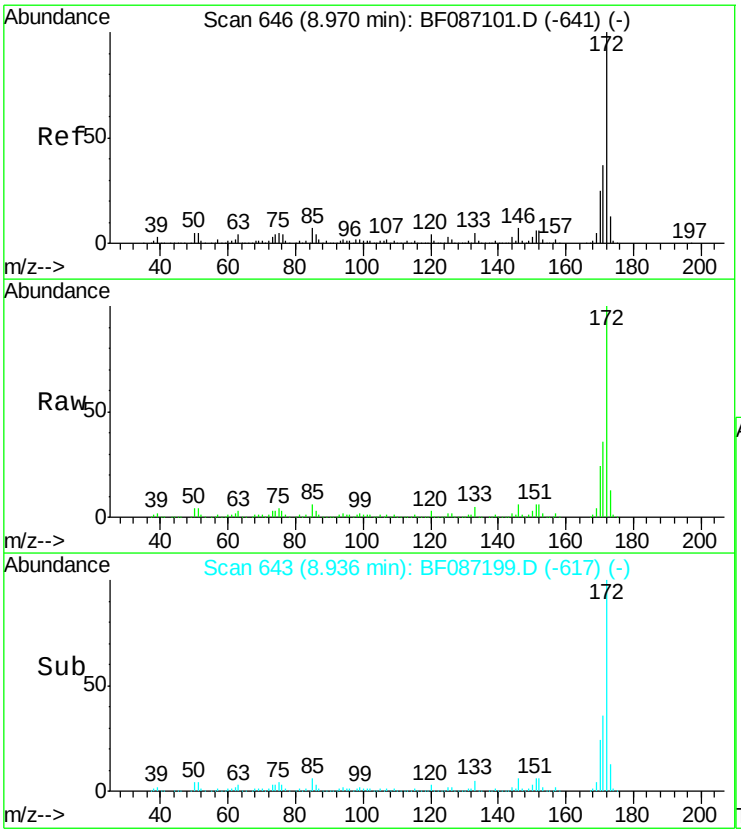
#41
2,4,6-Tribromophenol
Concen: 81.10 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
11-AB-AC(0-2)

Tgt Ion:330 Resp: 241967

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	40.7	31.2	46.8

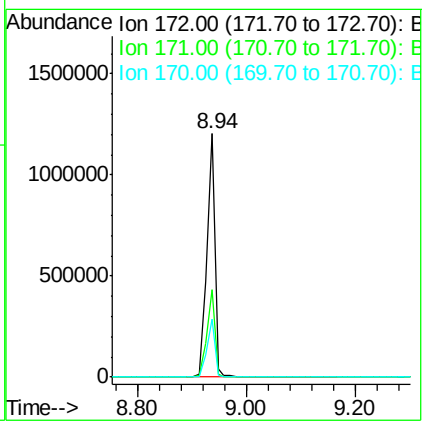


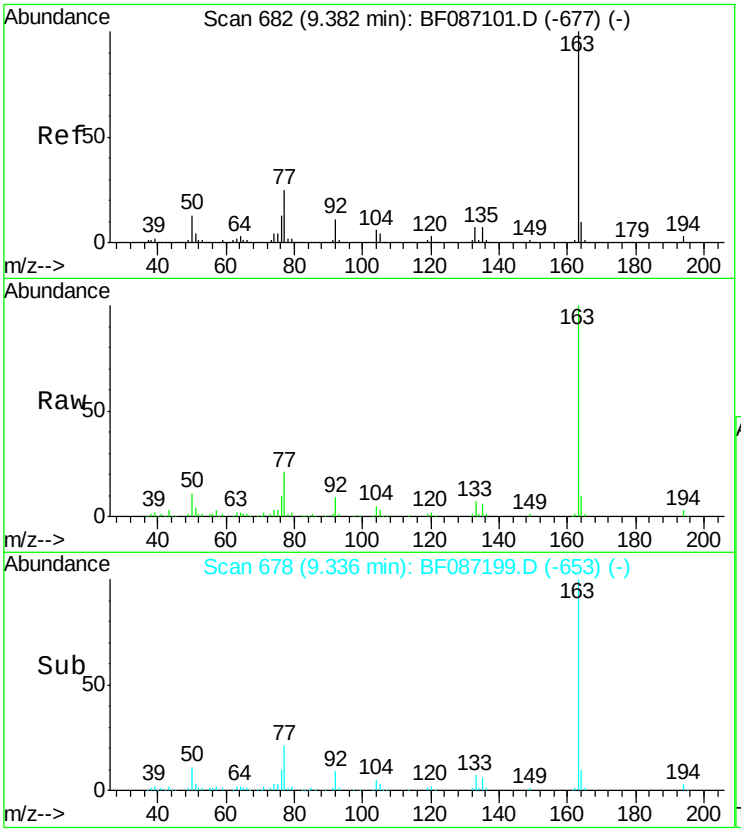


#44
2-Fluorobiphenyl
Concen: 74.56 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Tgt Ion:172 Resp: 1215482

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.0	19.8	29.8



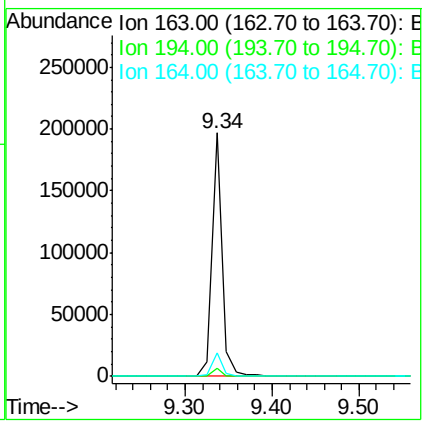


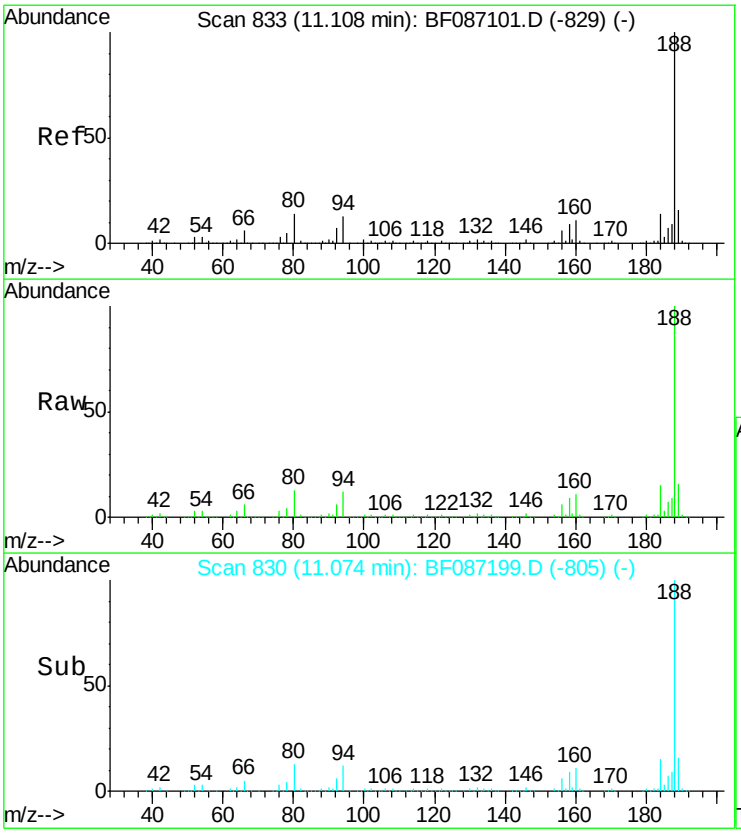
#49
Dimethylphthalate
Concen: 7.92 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
11-AB-AC(0-2)

Tgt Ion:163 Resp: 163085

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.2	12.4

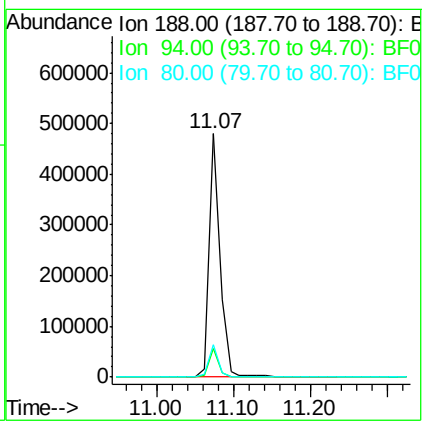


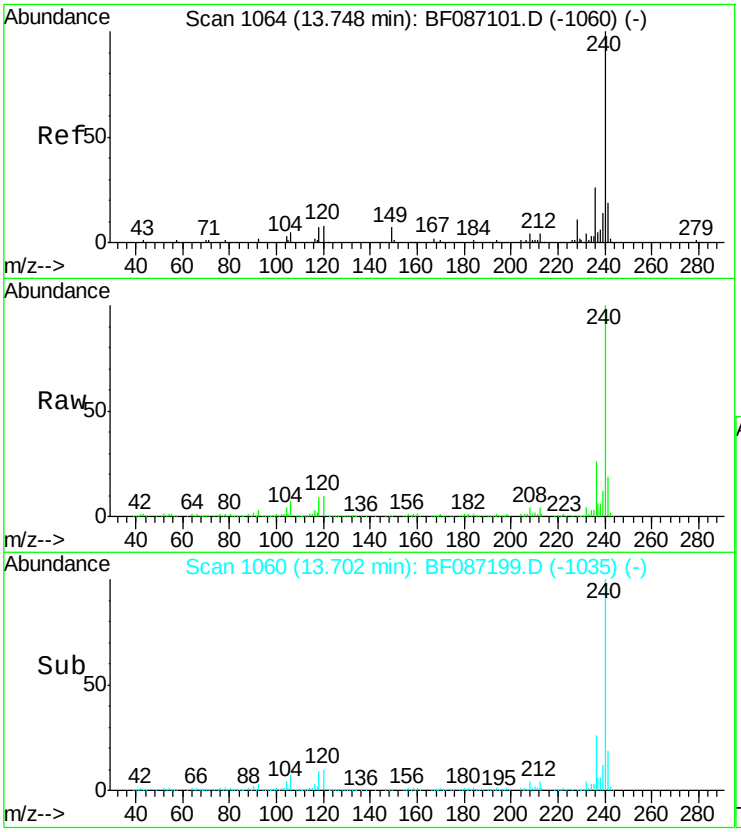


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Tgt Ion:188 Resp: 463891

Ion	Ratio	Lower	Upper
188	100		
94	11.5	6.8	10.2#
80	13.2	7.1	10.7#



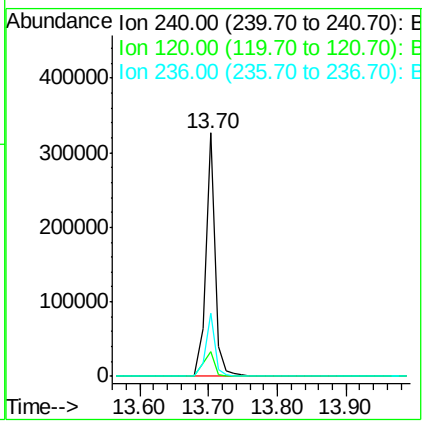


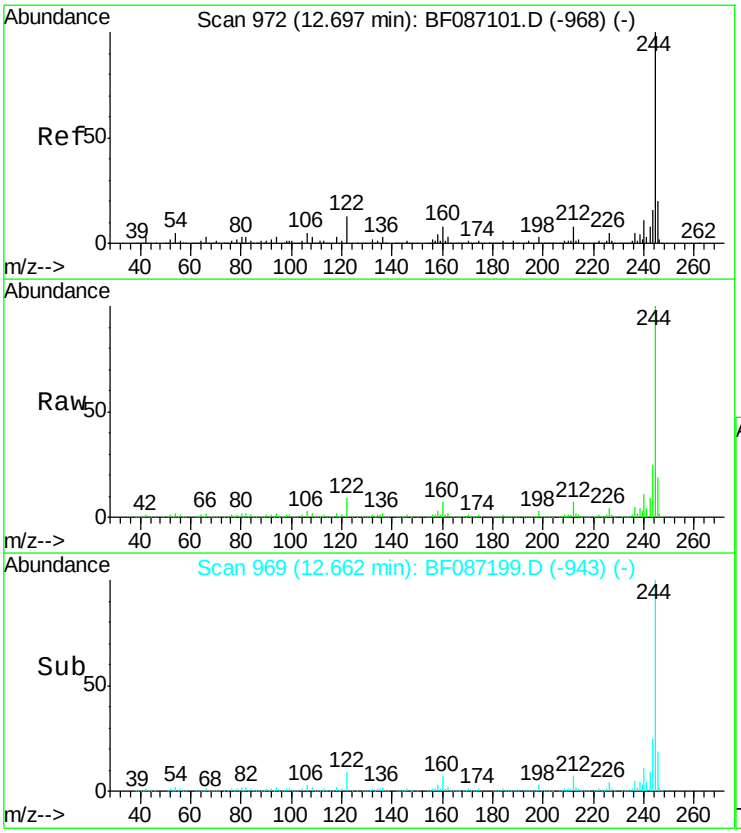
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
11-AB-AC(0-2)

Tgt Ion:240 Resp: 308332

Ion	Ratio	Lower	Upper
240	100		
120	10.0	11.2	16.8#
236	26.0	21.2	31.8

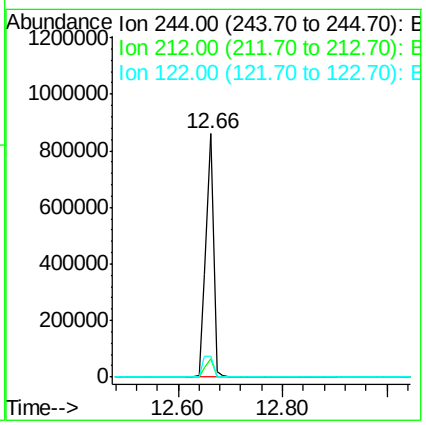


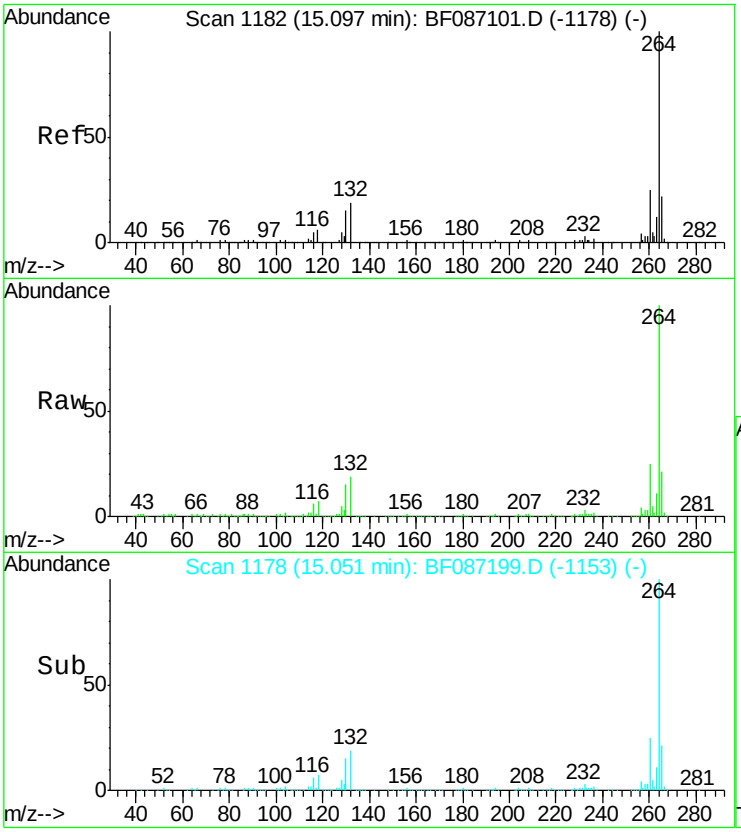


#78
Terphenyl-d14
Concen: 63.93 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Tgt Ion:244 Resp: 871440

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.8	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
11-AB-AC(0-2)

Tgt Ion:264 Resp: 273374

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.5	17.3	25.9