Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088160.D
Acq On : 19 Jun 2016 4:16
Operator : UM/SJ
Sample : H3628-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-26

Quant Time: Jun 20 06:49:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	95554	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	326778	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	132463	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	214946	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	179528	20.00	ng	-0.02
86) Perylene-d12	15.21	264	140083	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	345896	61.88	ng	0.00
7) Phenol-d6	6.34	99	269175	39.74	ng	-0.01
23) Nitrobenzene-d5	7.26	82	497056	88.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	144229	103.12	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	786643	93.87	ng	-0.02
78) Terphenyl-d14	12.79	244	650416	82.44	ng	-0.01
Target Compounds						Qvalue

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

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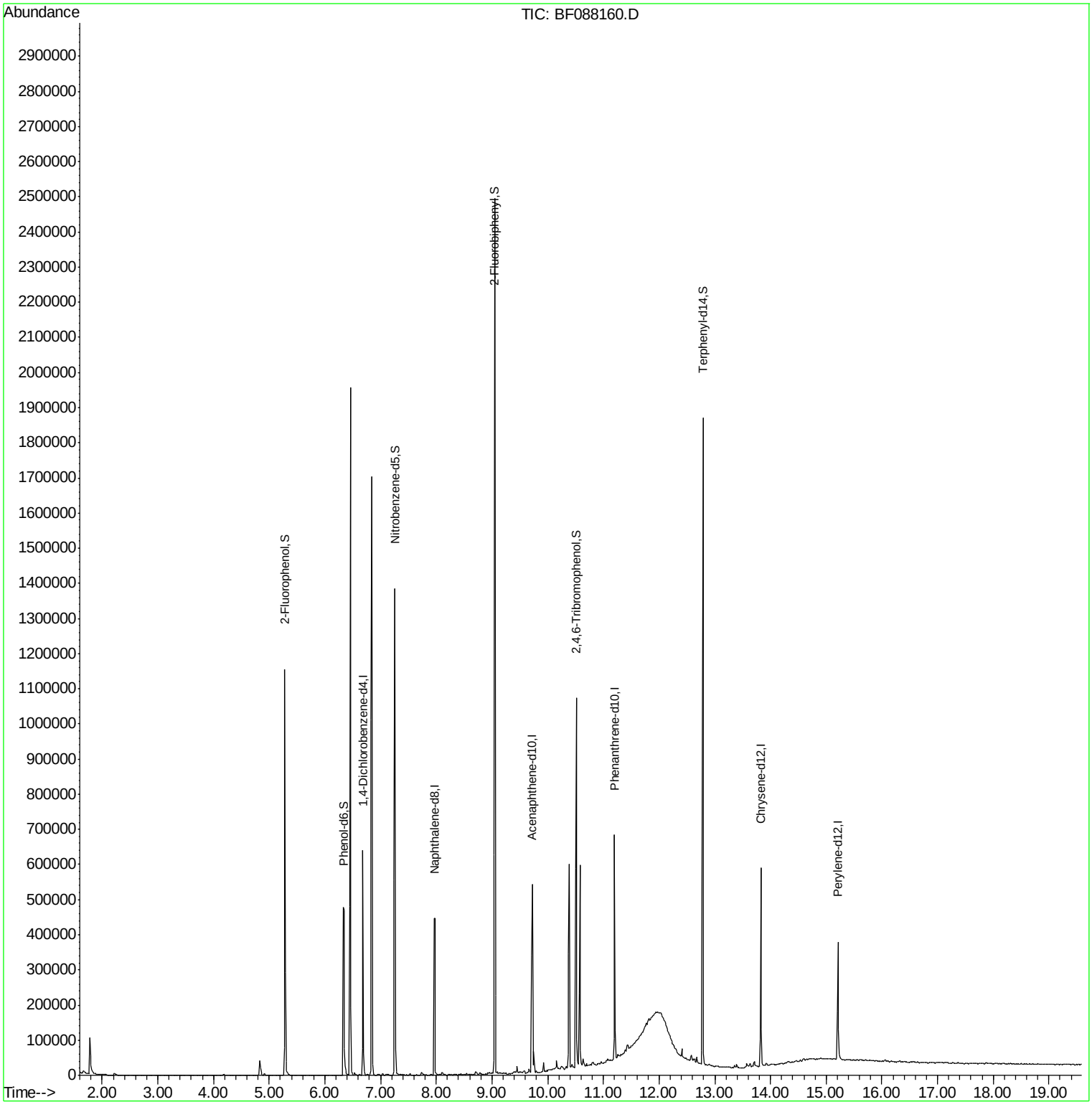
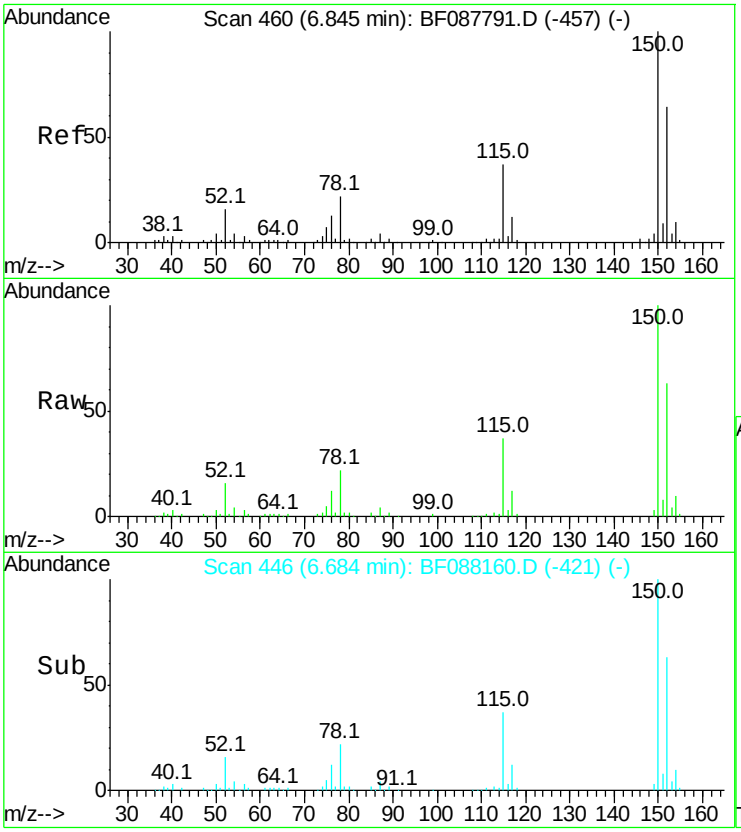


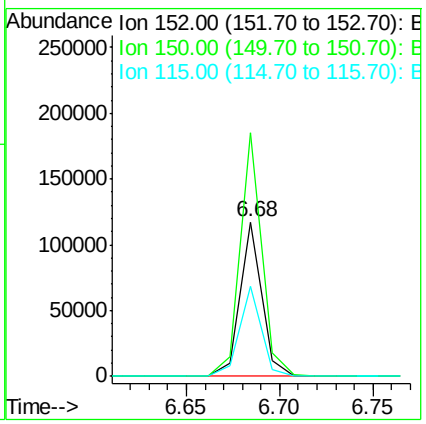


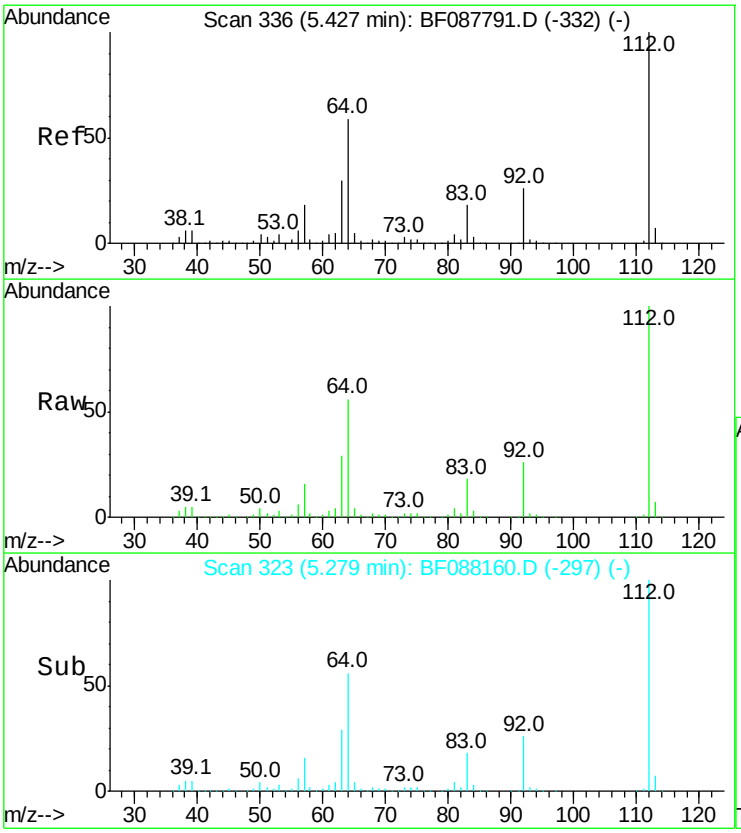
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Instrument :
BNA_F
ClientSampleId :
W-26

Tgt Ion:152 Resp: 95554

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.8	185.6
115	58.6	39.6	59.4

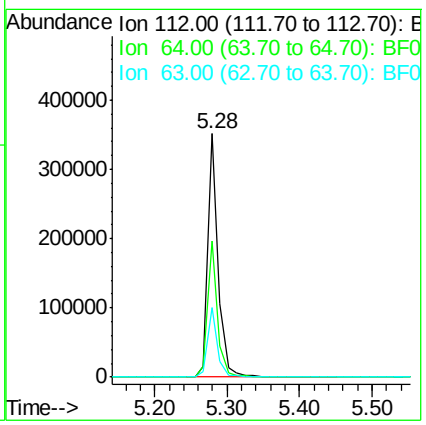


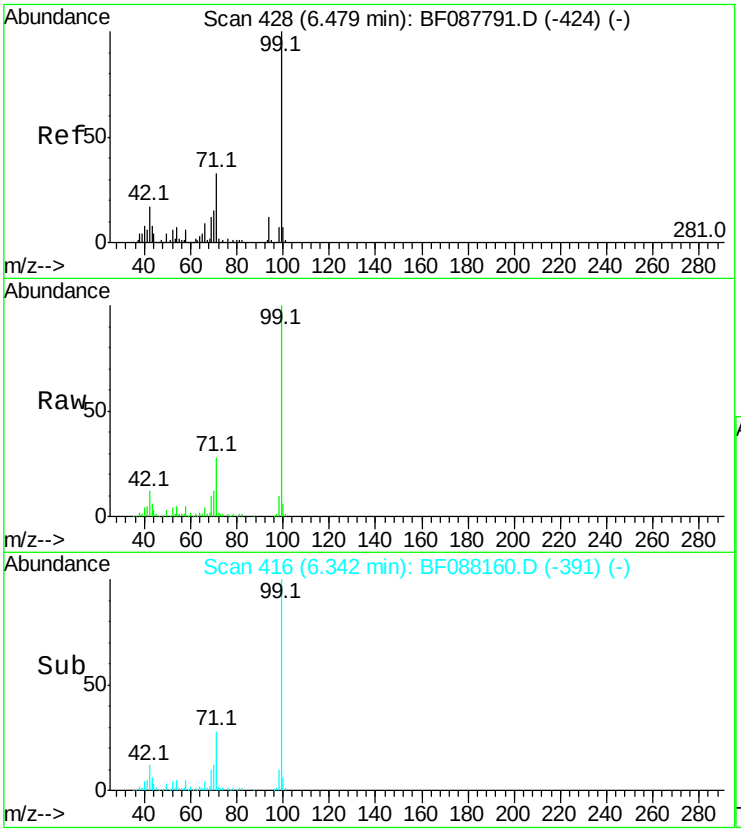


#5
2-Fluorophenol
Concen: 61.88 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.00 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Tgt Ion:112 Resp: 345896

Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.2	63.2
63	28.6	21.8	32.8



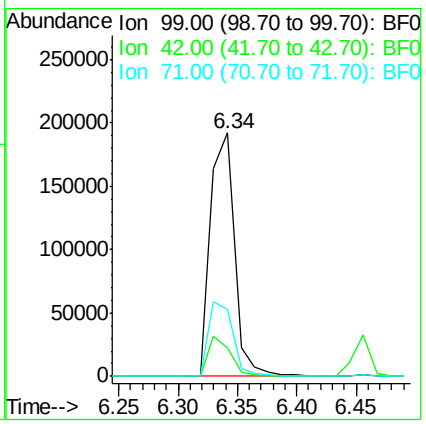


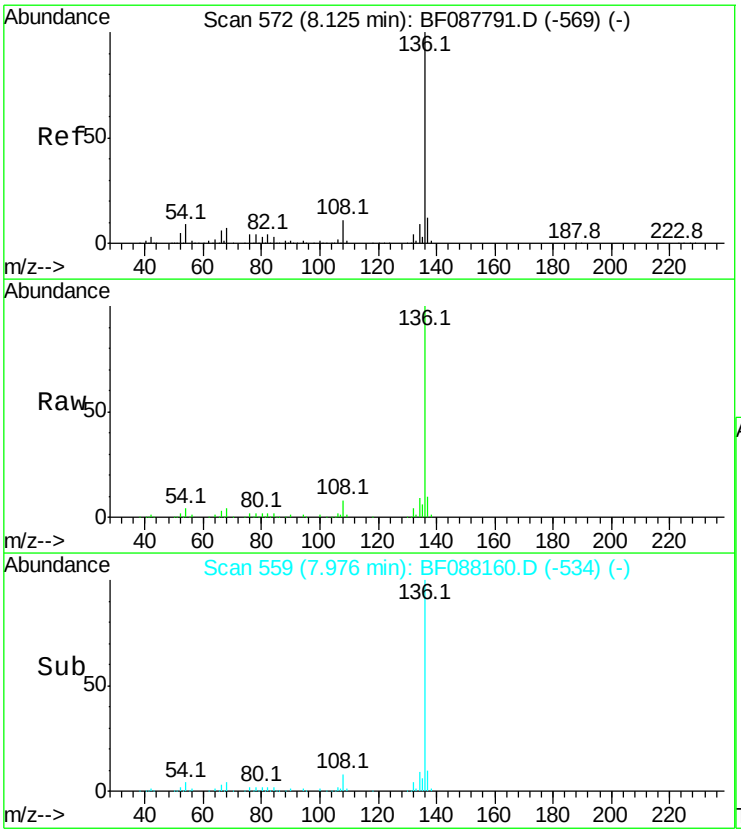
#7
Phenol-d6
Concen: 39.74 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Instrument :
BNA_F
ClientSampleId :
W-26

Tgt Ion: 99 Resp: 269175

Ion	Ratio	Lower	Upper
99	100		
42	11.8	12.2	18.2#
71	27.7	23.4	35.0

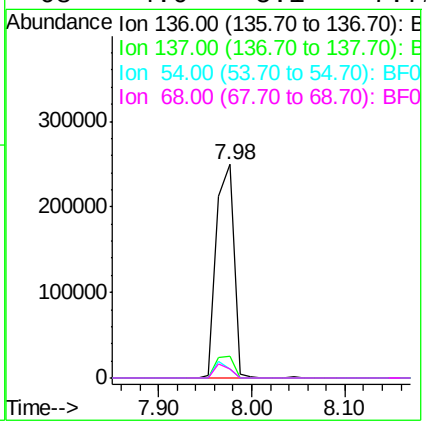


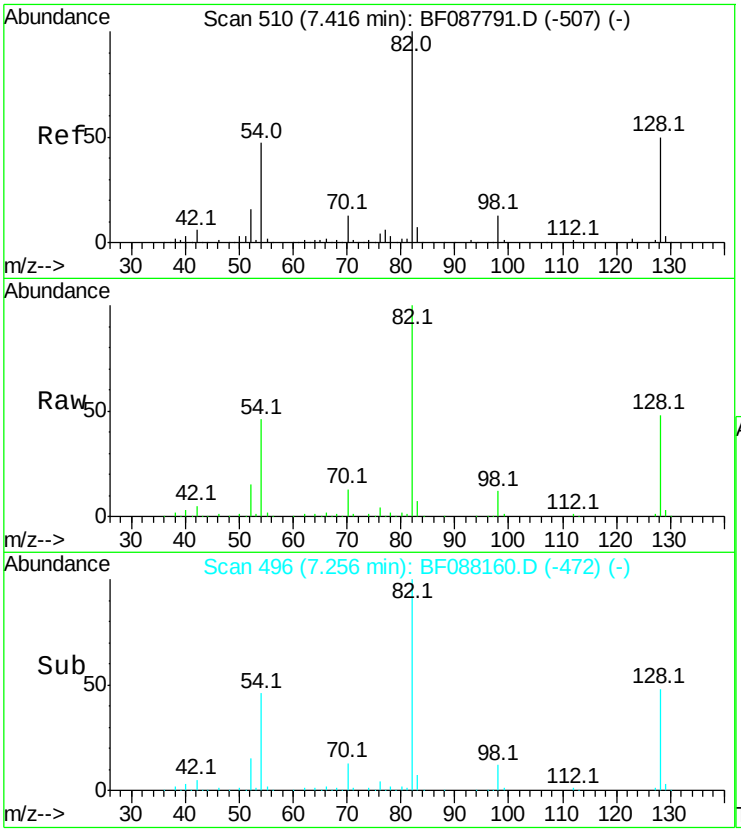


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Tgt Ion:136 Resp: 326778

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.4	6.6	10.0#
68	4.0	5.1	7.7#



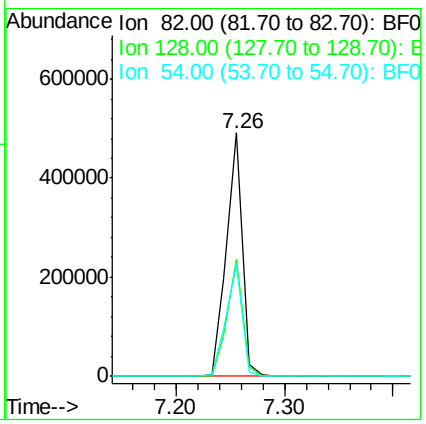


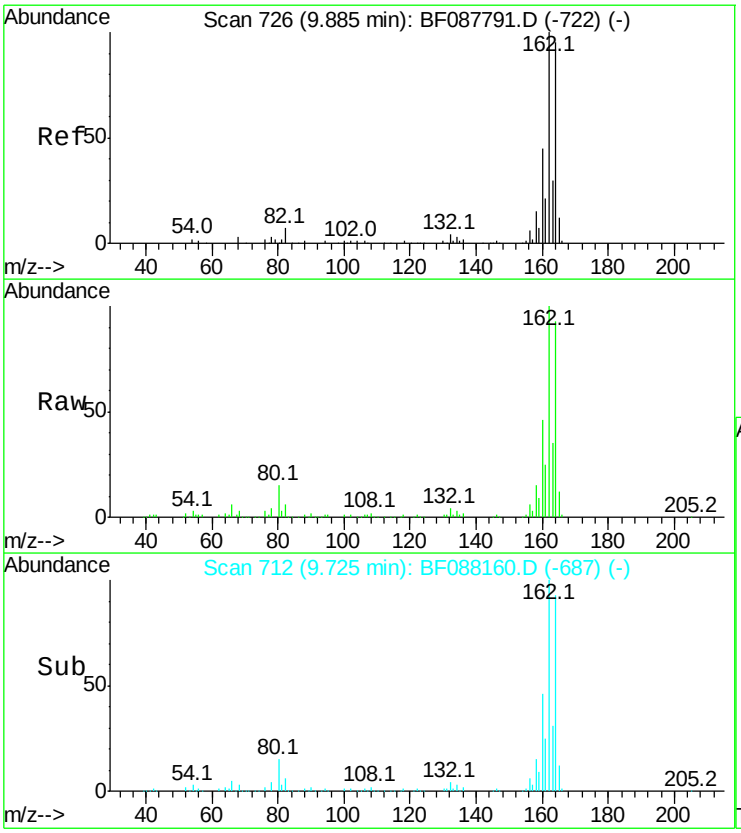
#23
Nitrobenzene-d5
Concen: 88.82 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Instrument :
BNA_F
ClientSampleId :
W-26

Tgt Ion: 82 Resp: 497056

Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.9	53.9
54	45.9	40.9	61.3

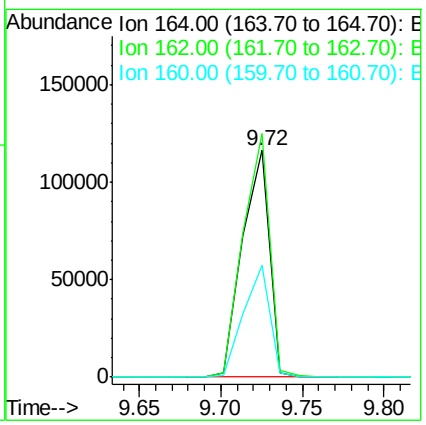


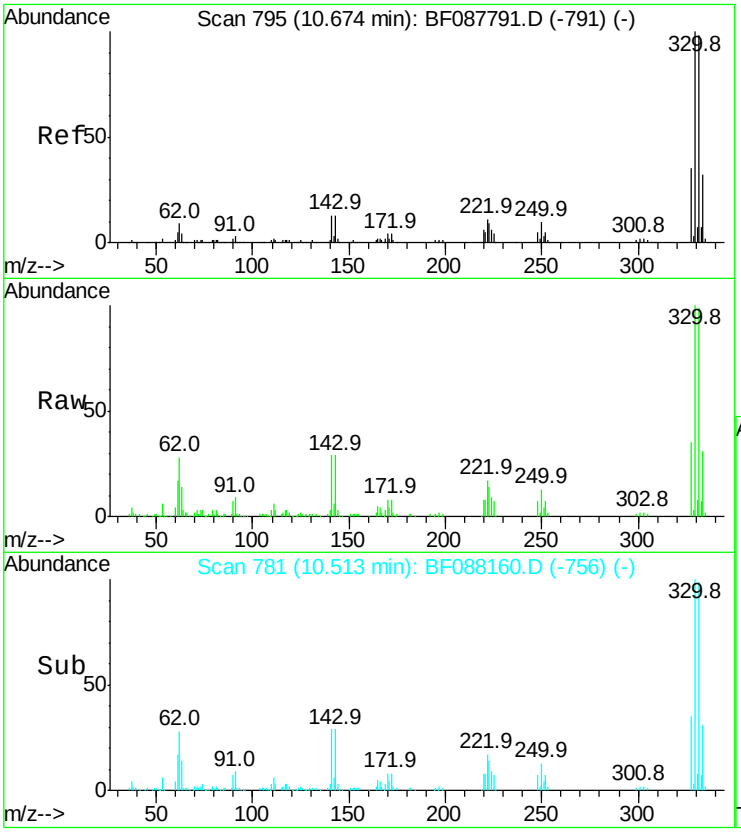


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Tgt Ion:164 Resp: 132463

Ion	Ratio	Lower	Upper
164	100		
162	107.3	85.4	128.2
160	49.0	39.5	59.3



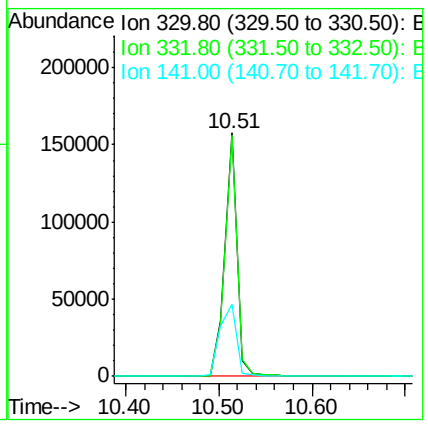


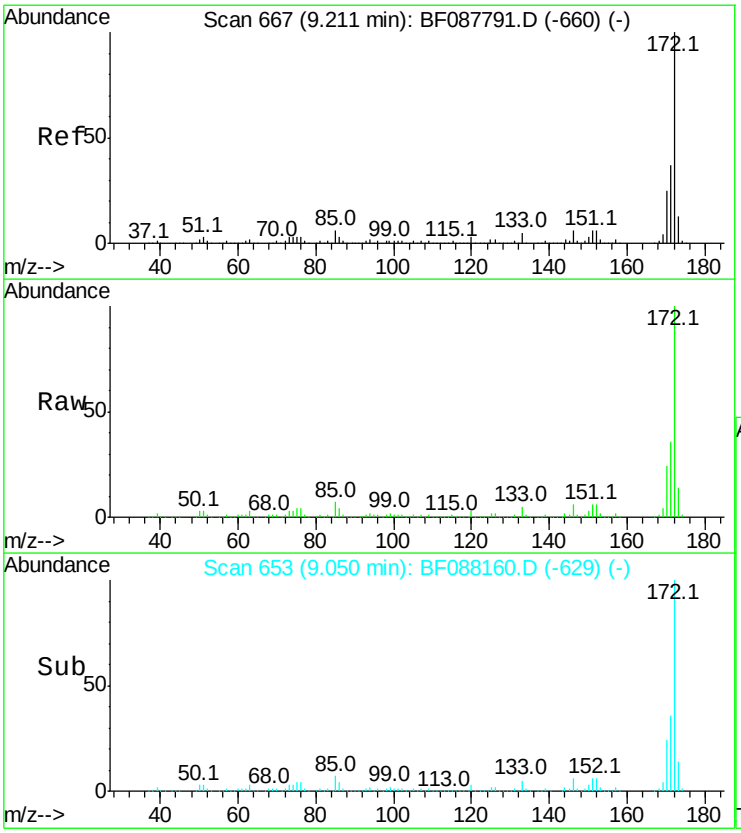
#41
2,4,6-Tribromophenol
Concen: 103.12 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Instrument :
BNA_F
ClientSampleId :
W-26

Tgt Ion:330 Resp: 144229

Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	40.1	0.0	0.0#

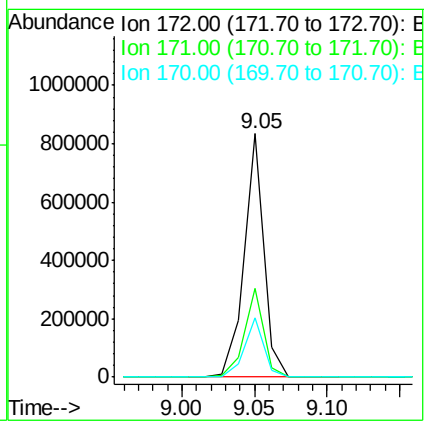


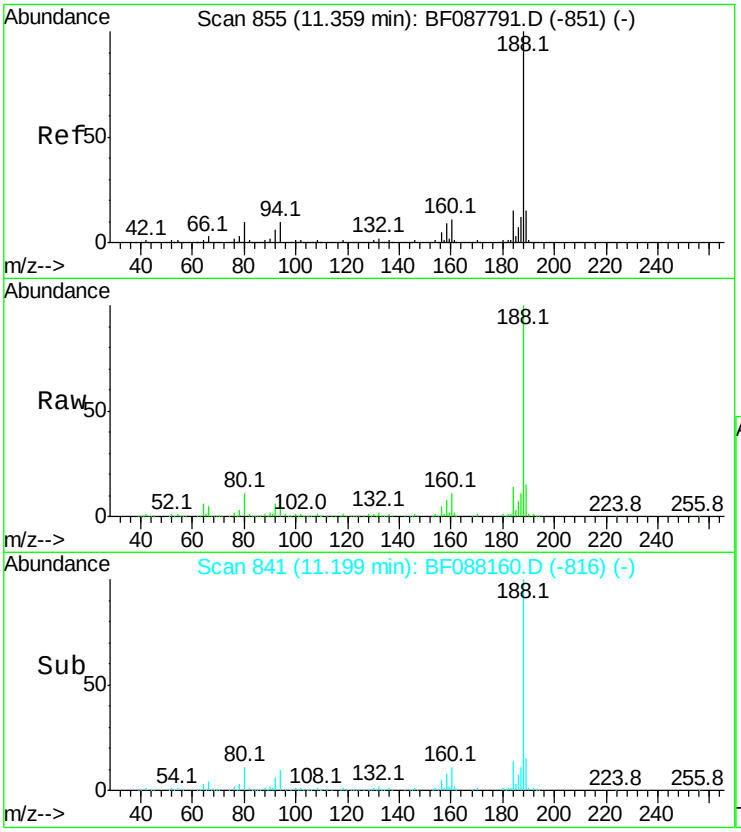


#44
2-Fluorobiphenyl
Concen: 93.87 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Tgt Ion:172 Resp: 786643

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.3	19.2	28.8



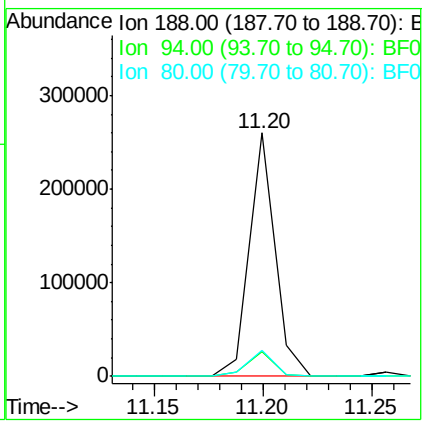


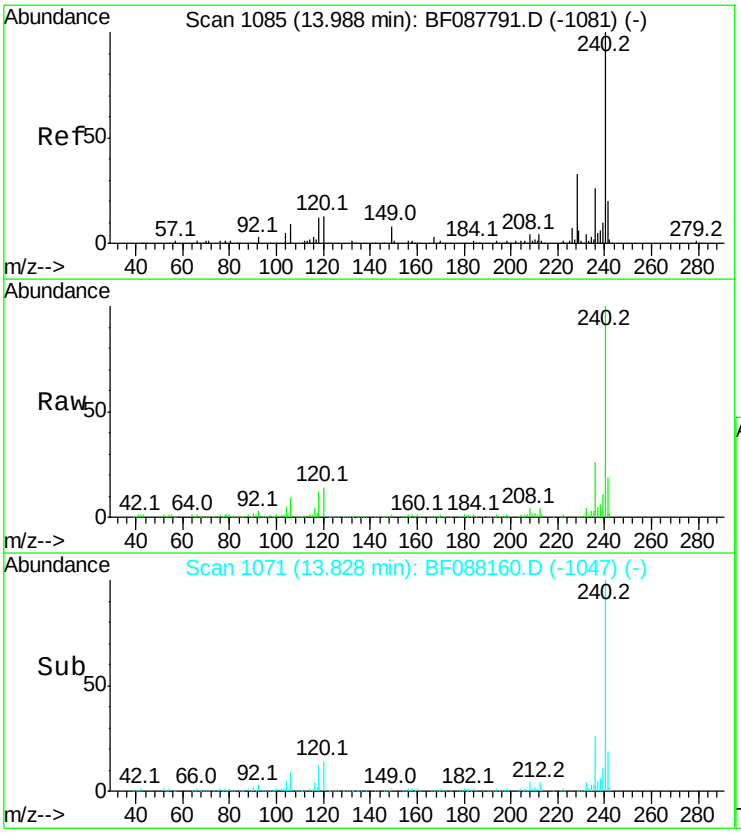
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Instrument :
BNA_F
ClientSampleId :
W-26

Tgt Ion:188 Resp: 214946

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.6
80	10.6	10.0	15.0

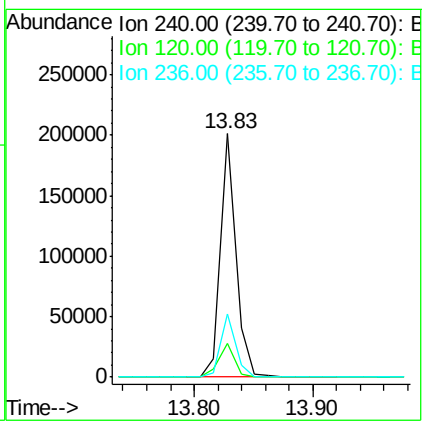


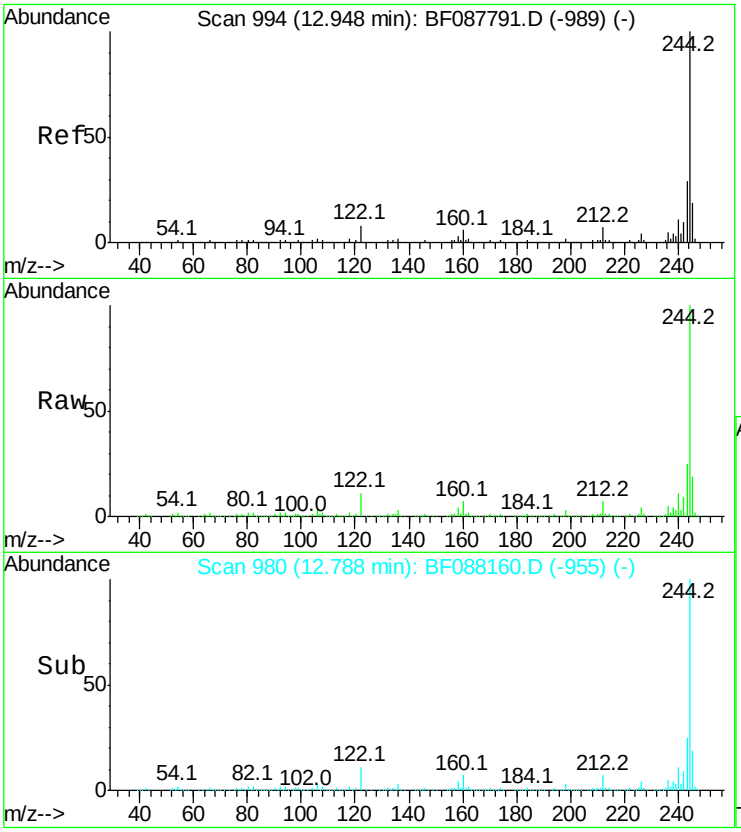


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Tgt Ion:240 Resp: 179528

Ion	Ratio	Lower	Upper
240	100		
120	13.7	6.8	10.2#
236	25.7	20.2	30.2



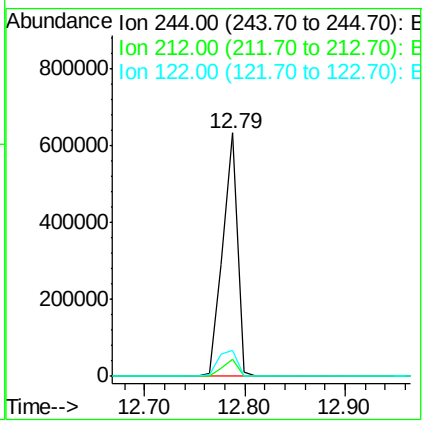


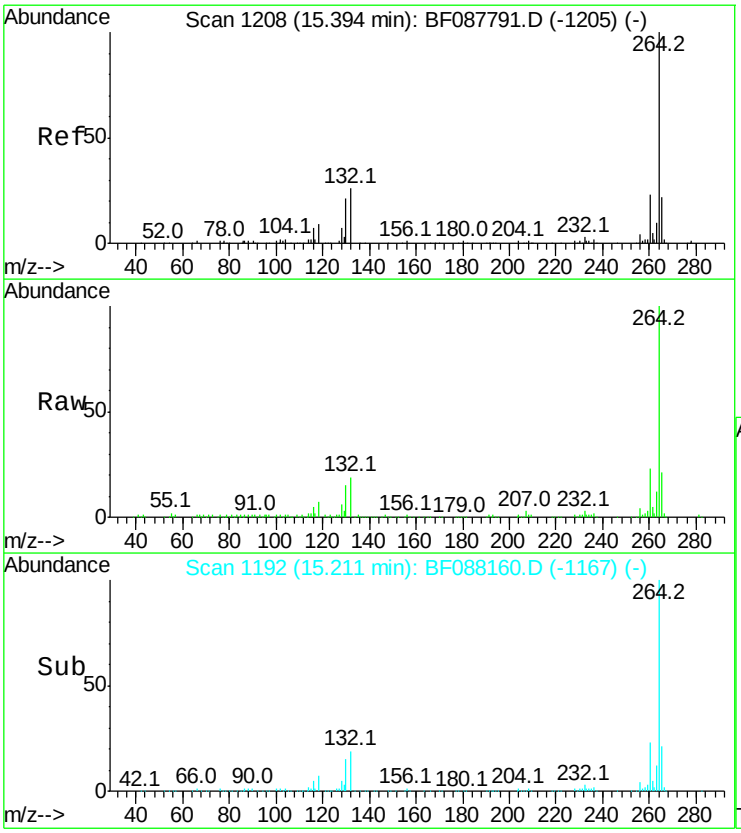
#78
Terphenyl-d14
Concen: 82.44 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Instrument :
BNA_F
ClientSampleId :
W-26

Tgt Ion:244 Resp: 650416

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.8	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088160.D
Acq: 19 Jun 2016 4:16

Tgt Ion:264 Resp: 140083

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.7	16.9	25.3