Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088439.D
Acq On : 27 Jun 2016 6:02
Operator : UM/SJ
Sample : PB91573BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91573BL

Quant Time: Jun 27 09:13:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 09:02:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	84708	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	327865	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	151878	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	254655	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	190038	20.00	ng	-0.01
86) Perylene-d12	15.03	264	154338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	555759	112.16	ng	0.01
7) Phenol-d6	6.22	99	651666	108.52	ng	-0.01
23) Nitrobenzene-d5	7.13	82	425719	75.82	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	145658	90.83	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	745478	76.56	ng	-0.01
78) Terphenyl-d14	12.64	244	615794	73.74	ng	0.00

Target Compounds	Qvalue

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

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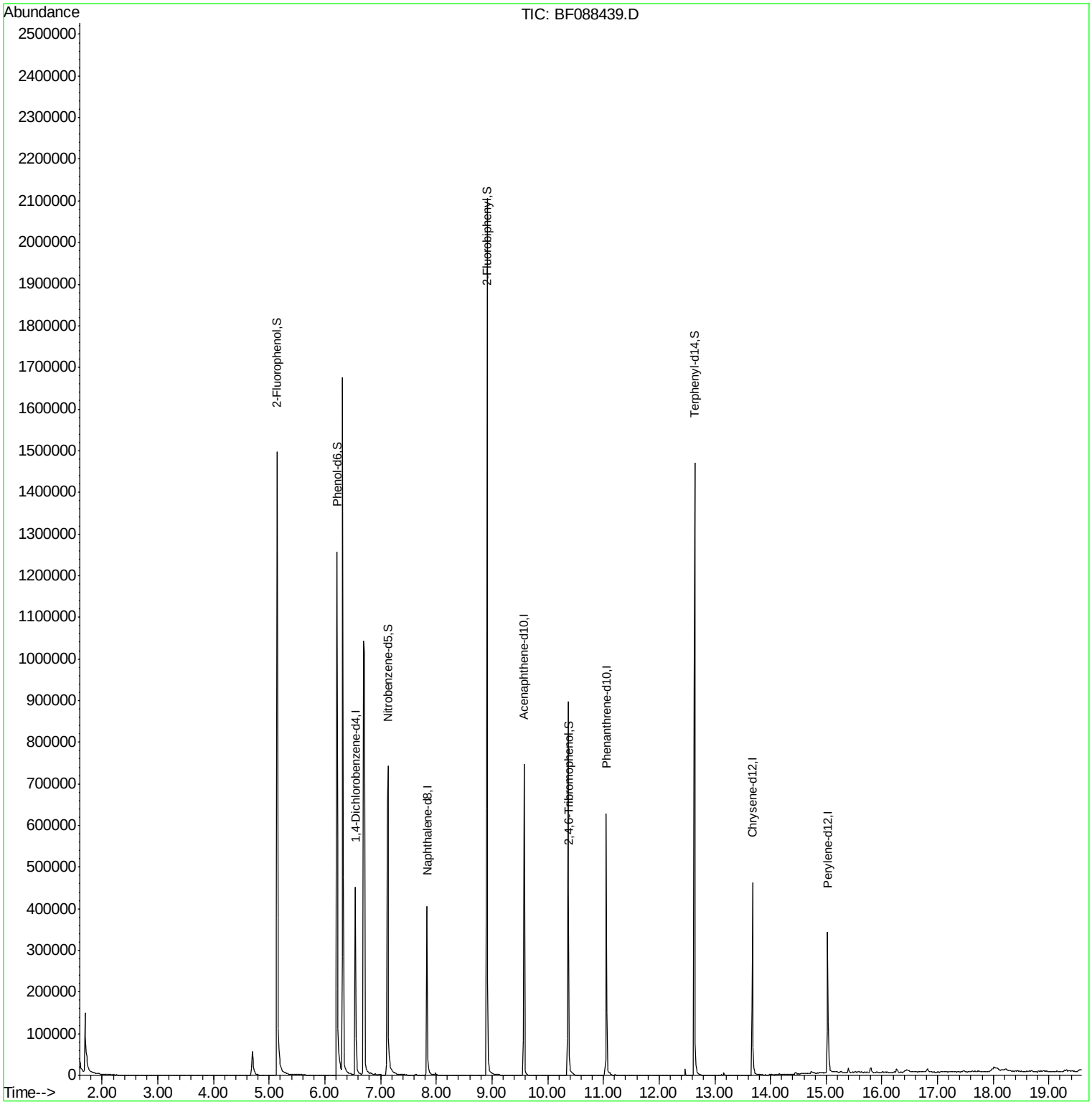
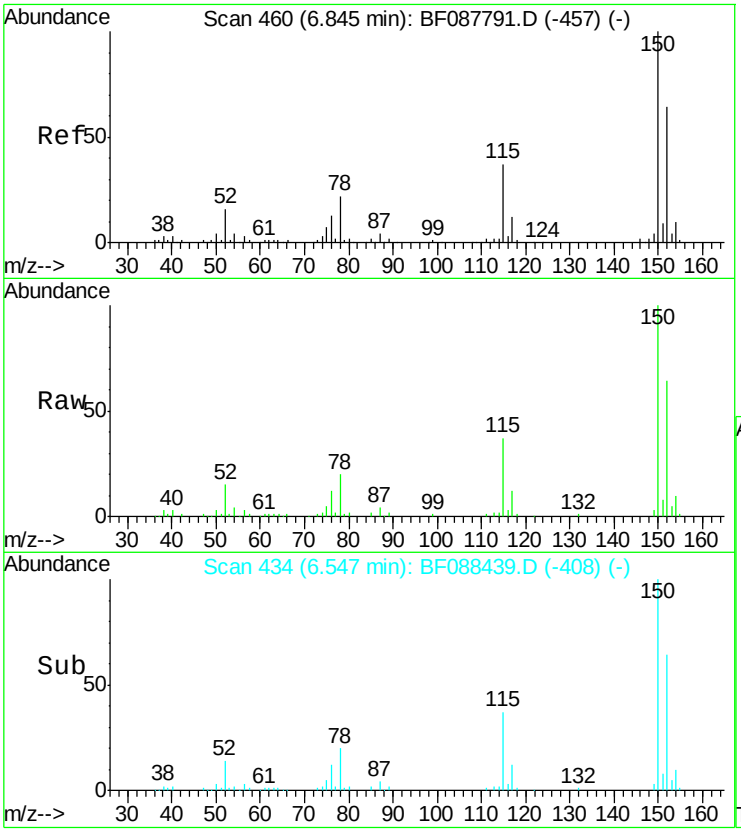


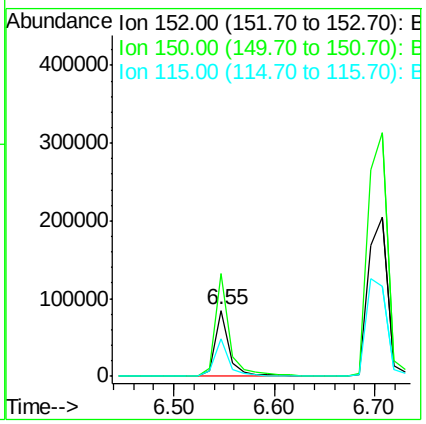


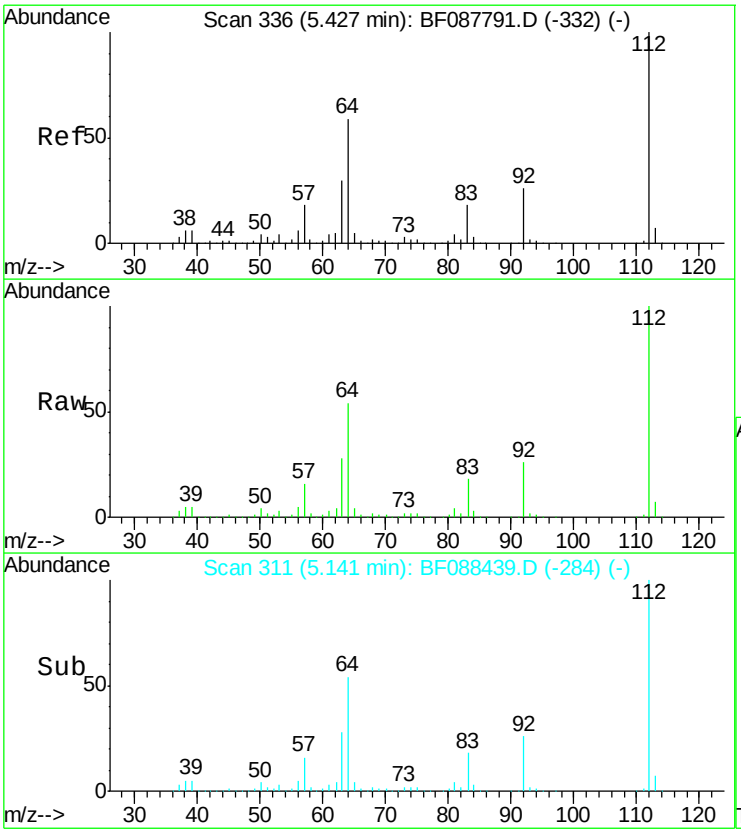
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion:152 Resp: 84708

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	57.4	39.6	59.4

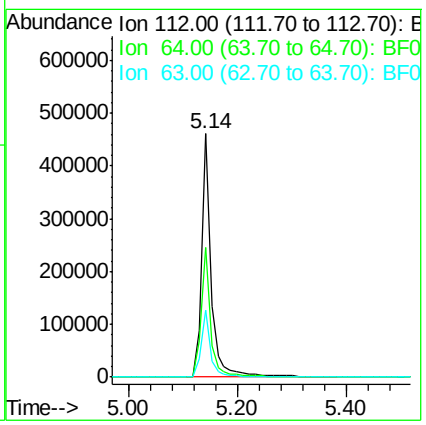


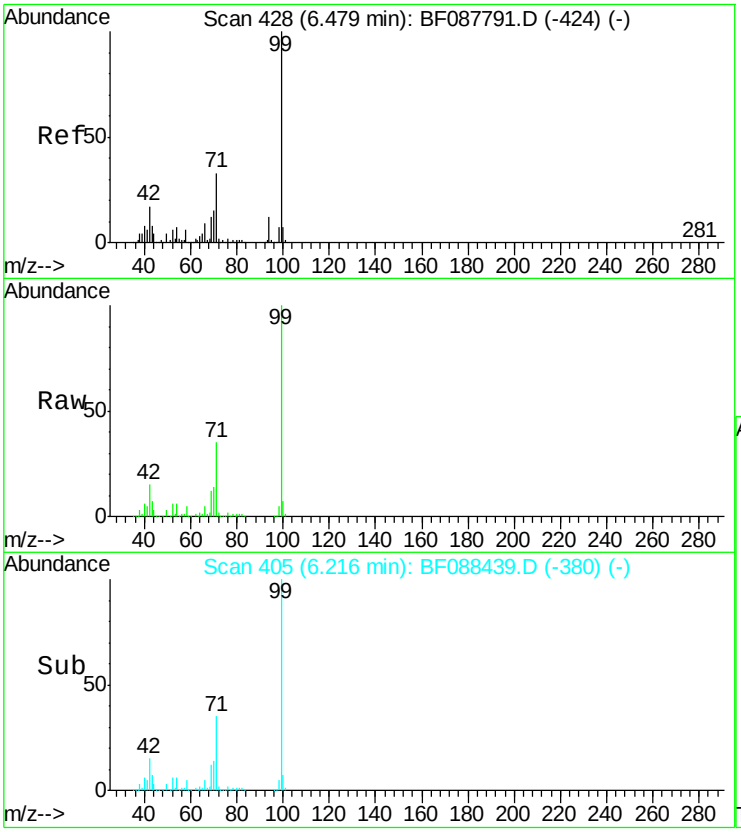


#5
2-Fluorophenol
Concen: 112.16 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Tgt Ion:112 Resp: 555759

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.2	63.2
63	27.7	21.8	32.8



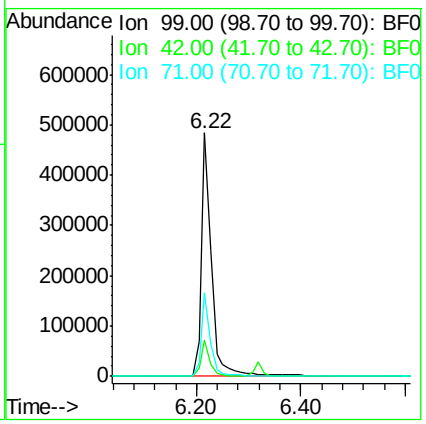


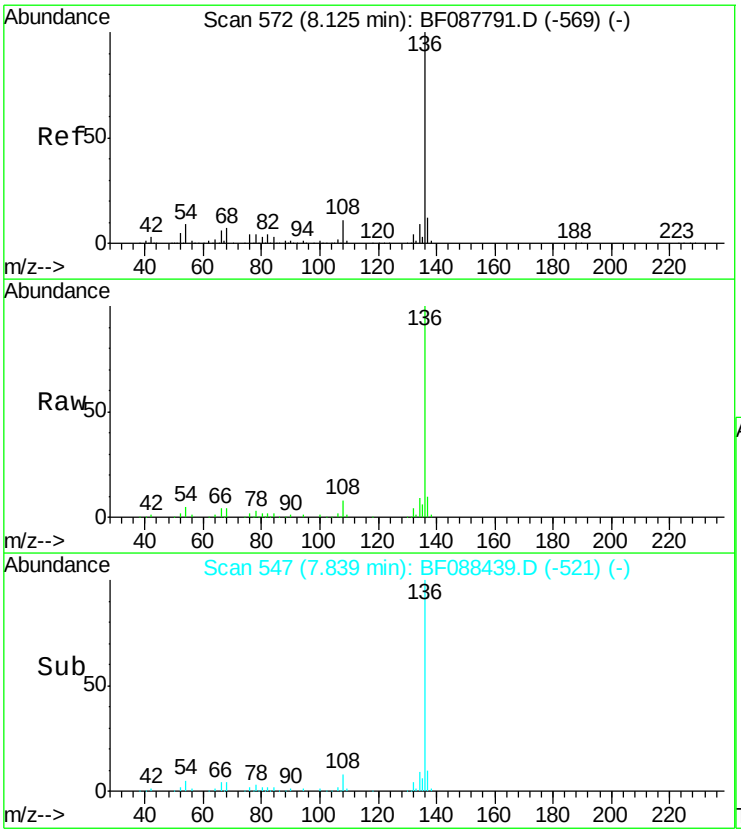
#7
Phenol-d6
Concen: 108.52 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion: 99 Resp: 651666

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.2
71	34.5	23.4	35.0

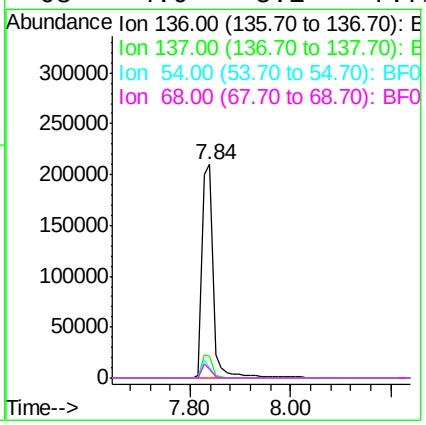


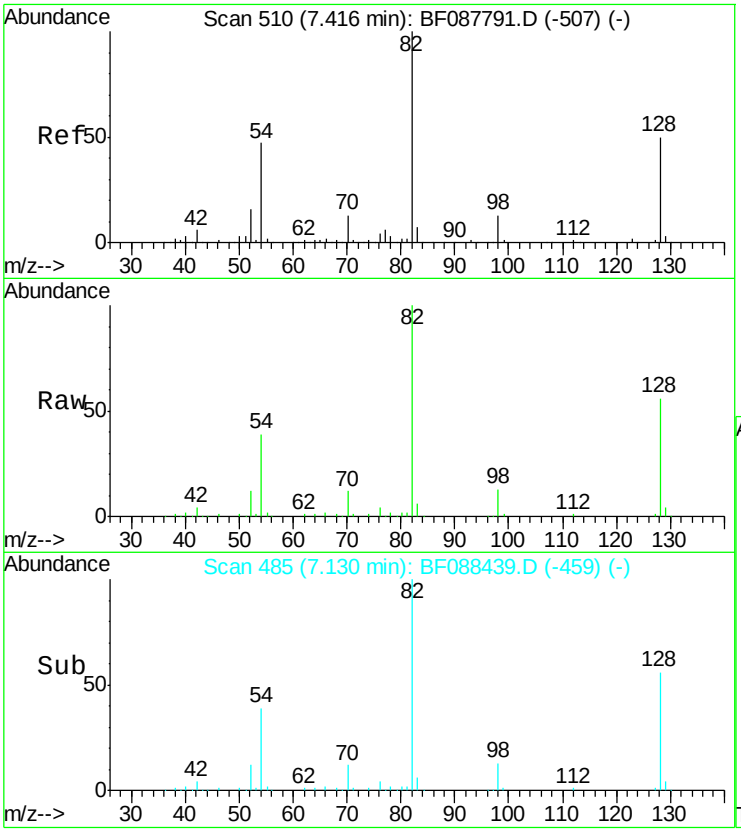


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Tgt Ion:136 Resp: 327865

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.7	6.6	10.0#
68	4.0	5.1	7.7#



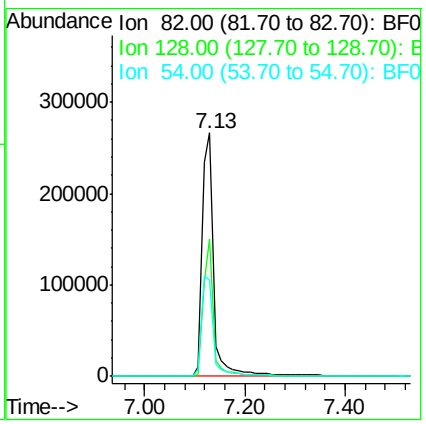


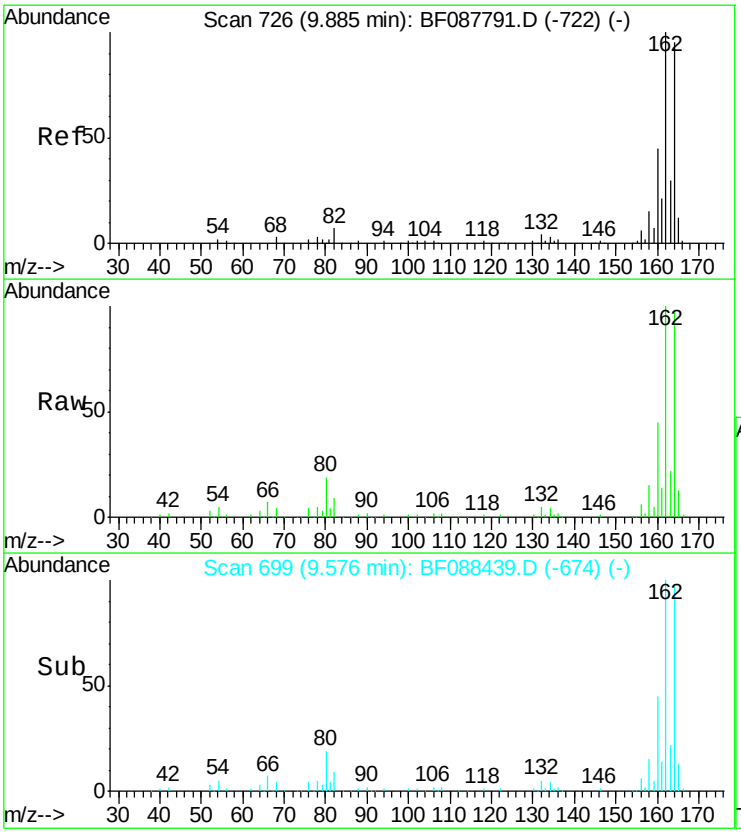
#23
Nitrobenzene-d5
Concen: 75.82 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion: 82 Resp: 425719

Ion	Ratio	Lower	Upper
82	100		
128	56.3	35.9	53.9#
54	39.4	40.9	61.3#

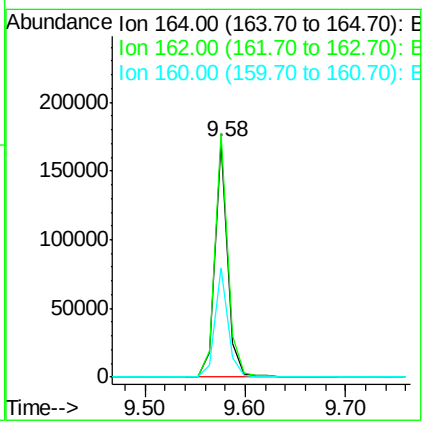


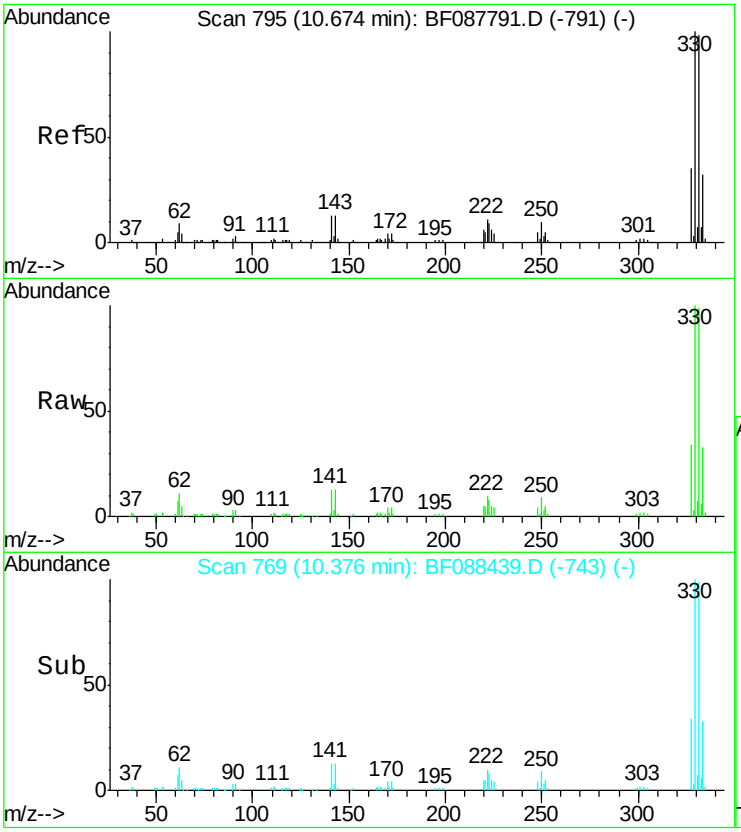


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Tgt Ion:164 Resp: 151878

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.2
160	46.6	39.5	59.3



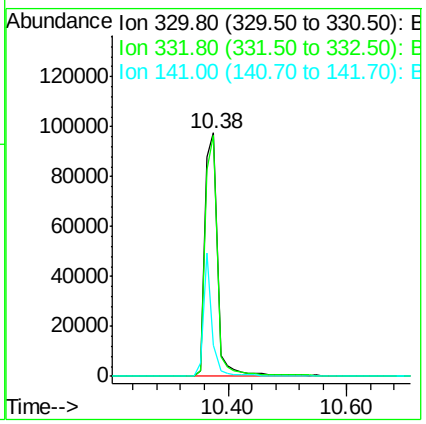


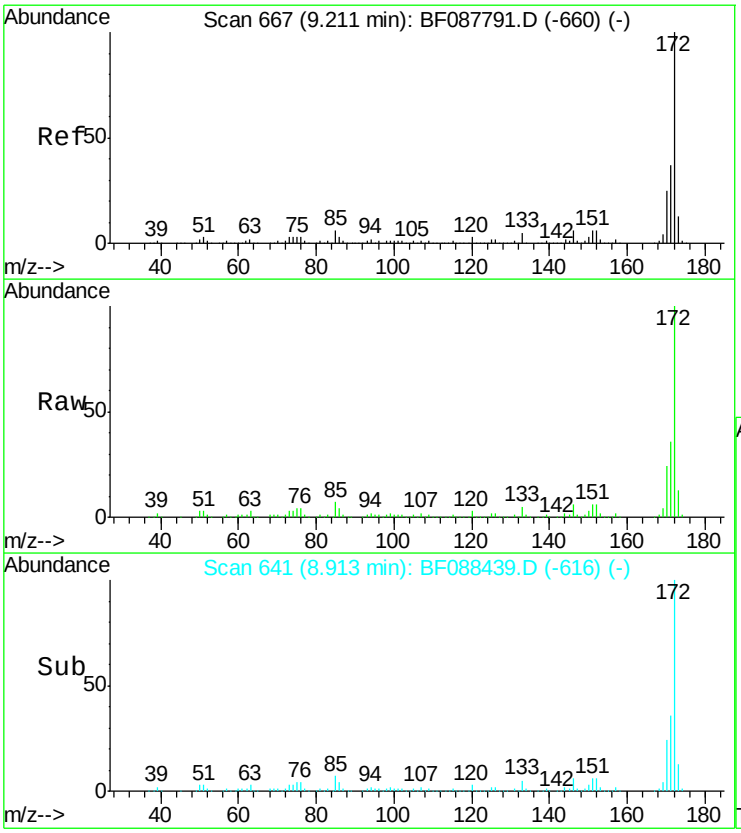
#41
2,4,6-Tribromophenol
Concen: 90.83 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion:330 Resp: 145658

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	35.0	0.0	0.0#

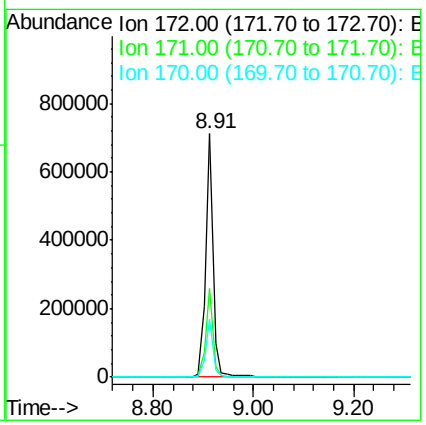


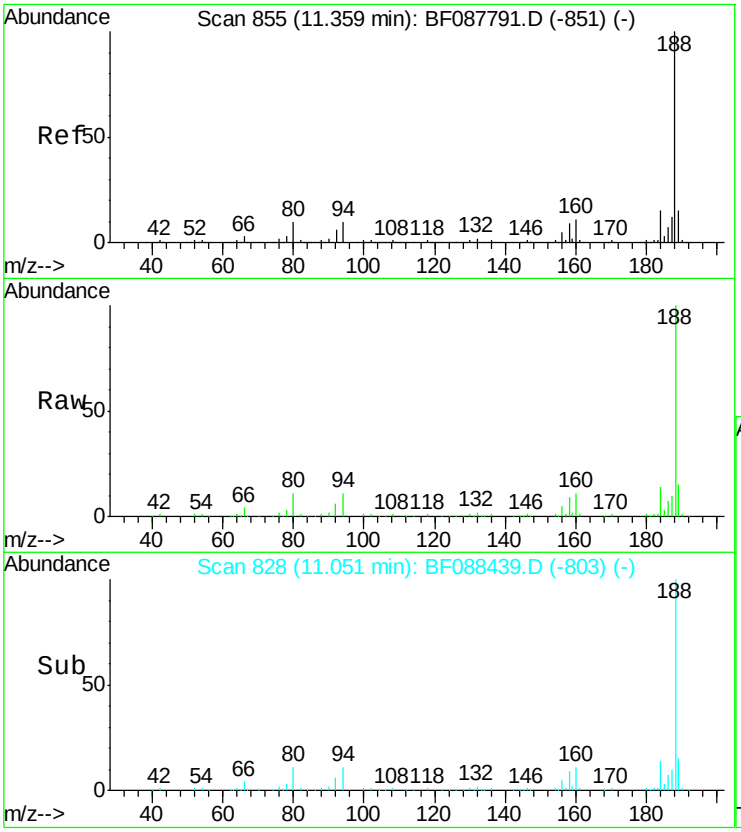


#44
2-Fluorobiphenyl
Concen: 76.56 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Tgt Ion:172 Resp: 745478

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.0	19.2	28.8



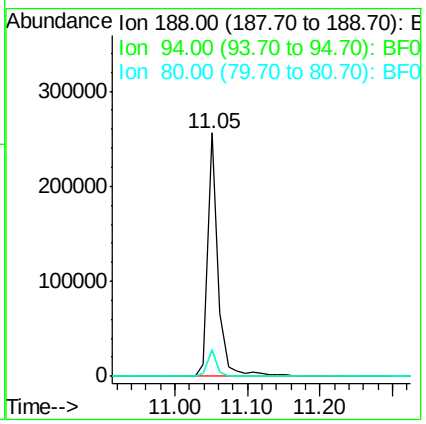


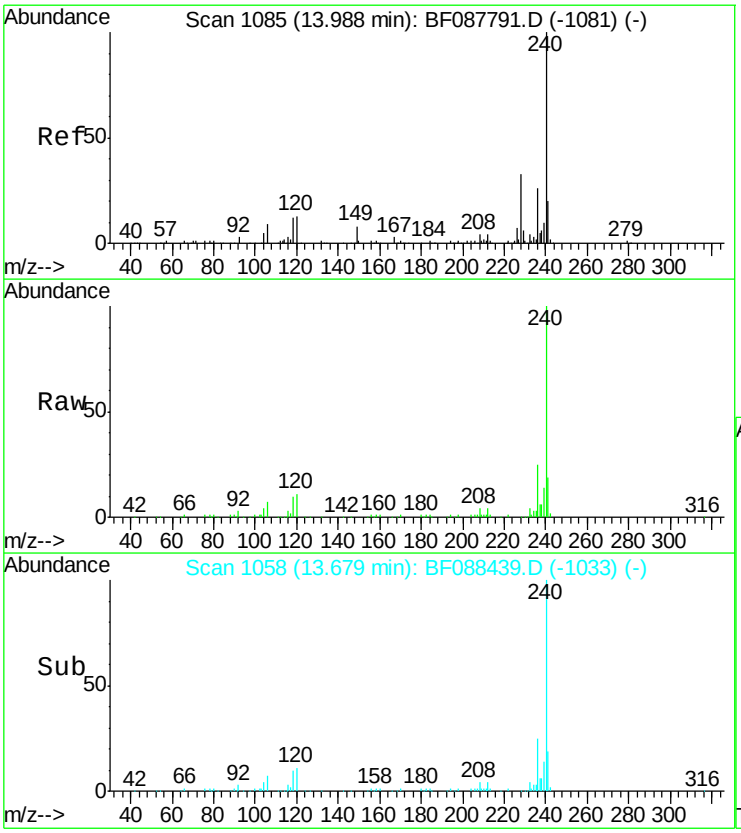
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion:188 Resp: 254655

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.6
80	11.0	10.0	15.0

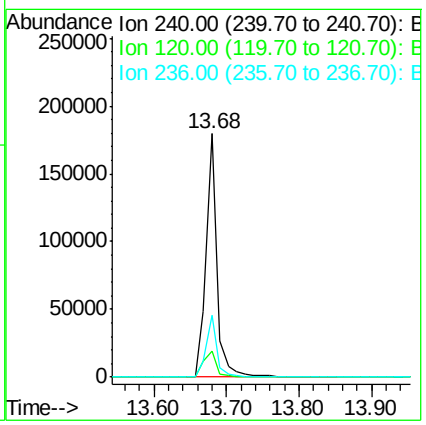


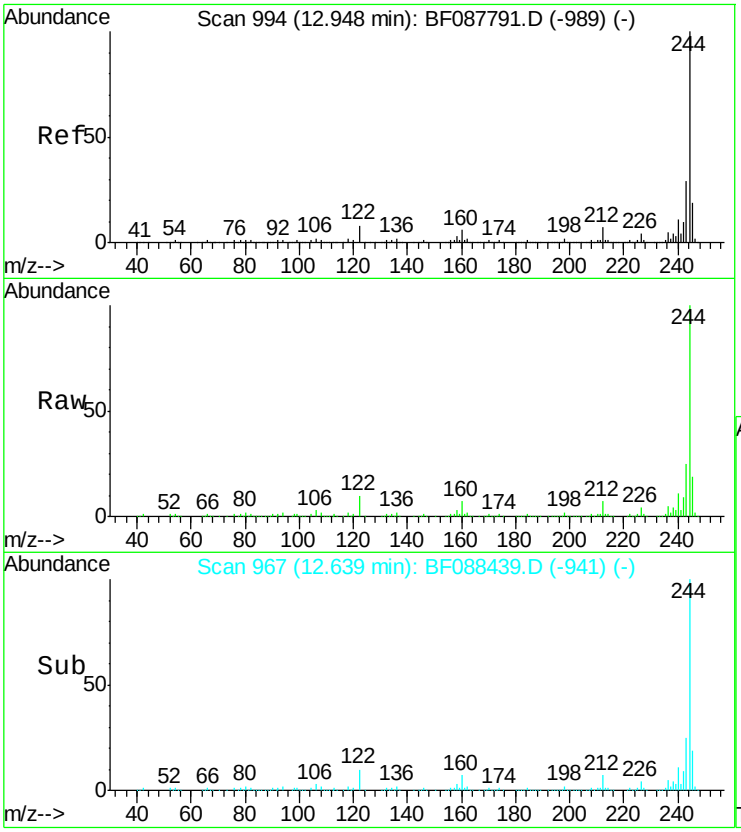


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Tgt Ion:240 Resp: 190038

Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.8	10.2#
236	25.3	20.2	30.2



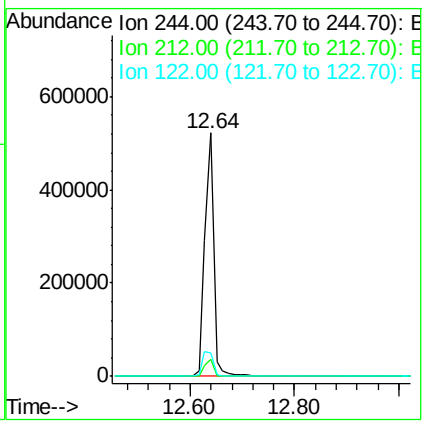


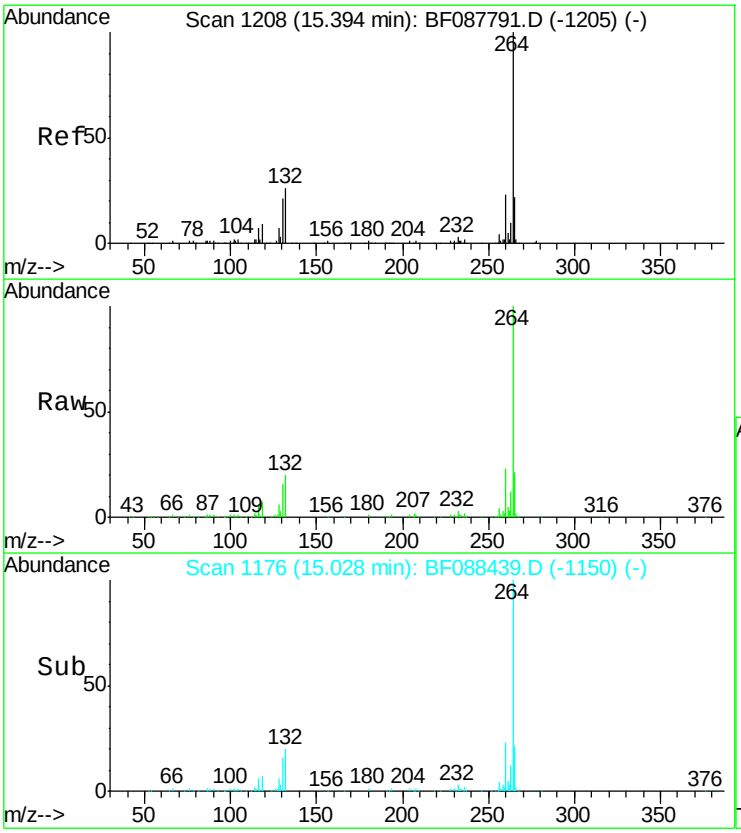
#78
Terphenyl-d14
Concen: 73.74 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion:244 Resp: 615794

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.8	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF088439.D
Acq: 27 Jun 2016 6:02

Tgt Ion:264 Resp: 154338

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	16.9	25.3