Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086960.D
Acq On : 13 May 2016 7:41
Operator : UM/SJ
Sample : H2994-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPARTAPARK-1542-00(0-2)

Quant Time: May 13 08:22:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	133521	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	515992	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	207855	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	316698	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	302668	20.00	ng	-0.01
86) Perylene-d12	15.12	264	226444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1136407	144.14	ng	0.02
7) Phenol-d6	6.30	99	1413780	134.17	ng	0.00
23) Nitrobenzene-d5	7.20	82	1004601	97.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	245162	111.41	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1547729	125.14	ng	0.00
78) Terphenyl-d14	12.72	244	1022396	71.67	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.93	128	484832	18.76	ng	99
37) 2-Methylnaphthalene	8.63	142	35632	2.36	ng	98

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086960.D
Acq On : 13 May 2016 7:41
Operator : UM/SJ
Sample : H2994-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

Quant Time: May 13 08:22:31 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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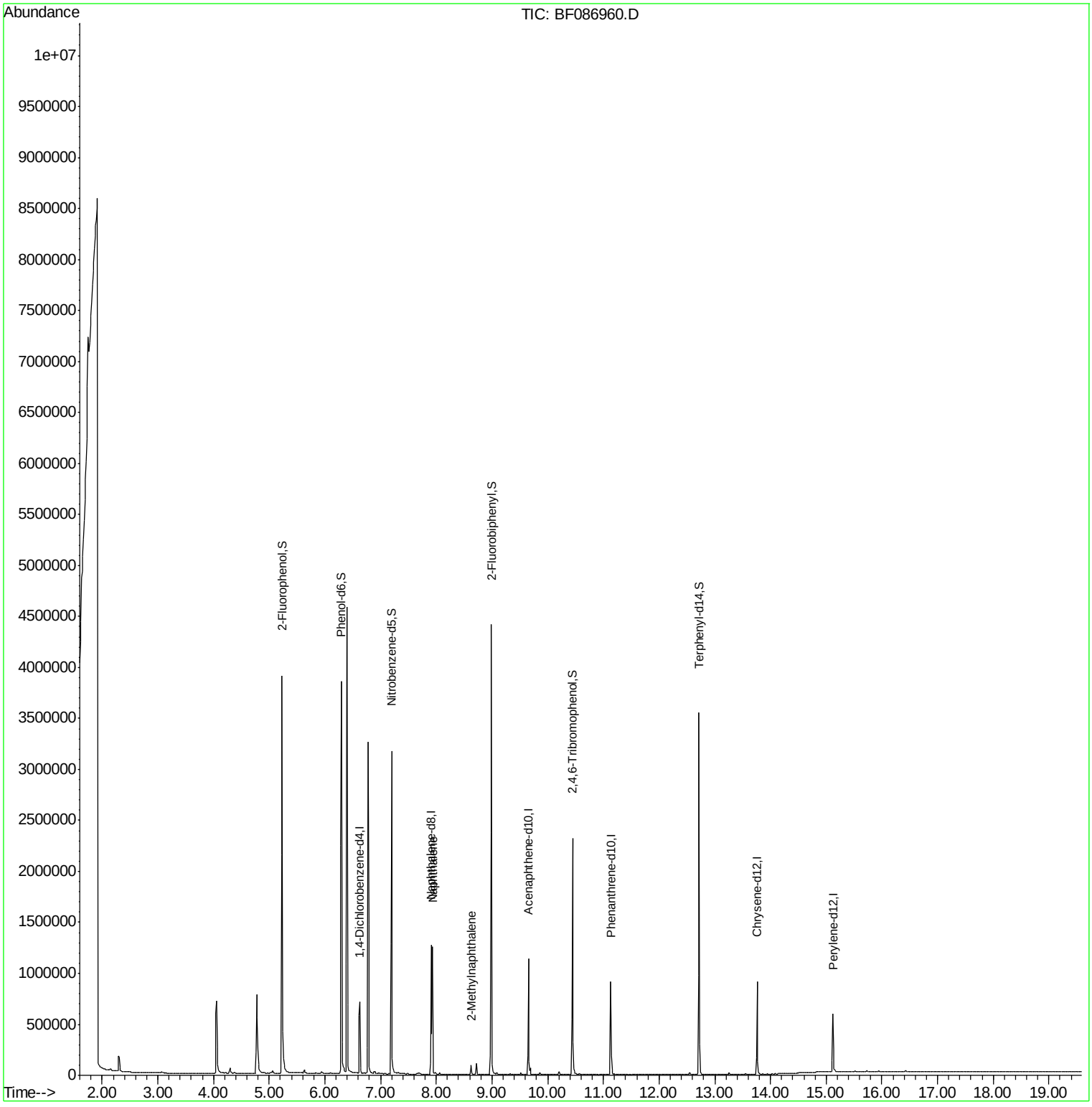
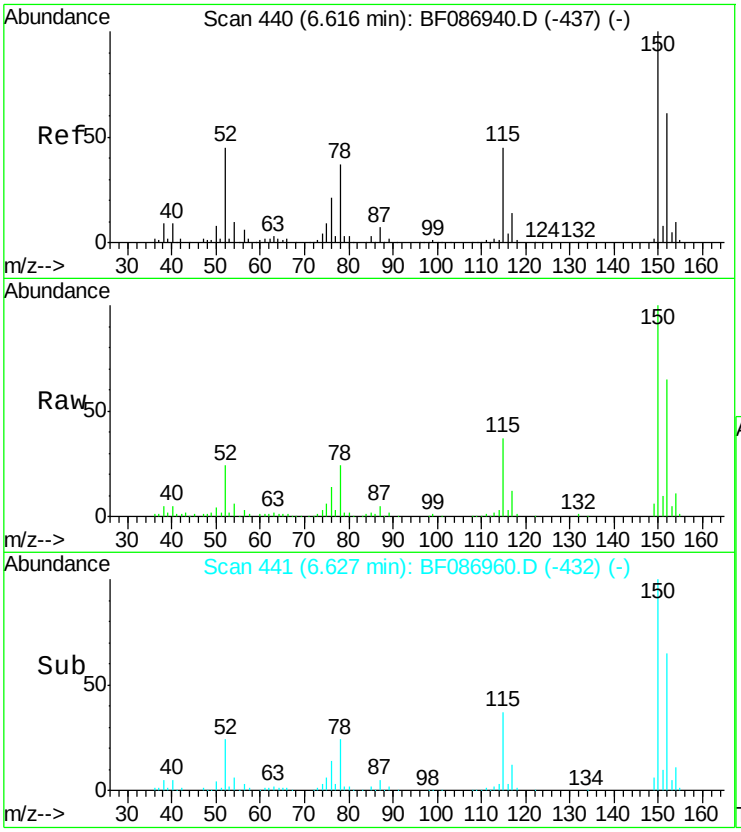


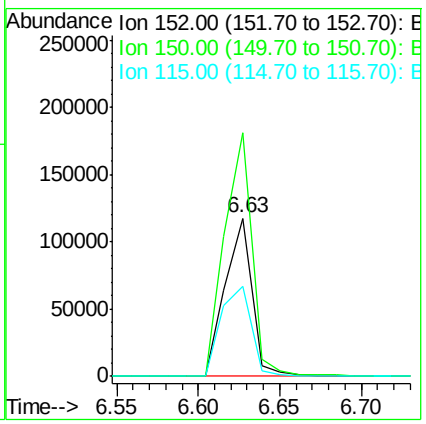


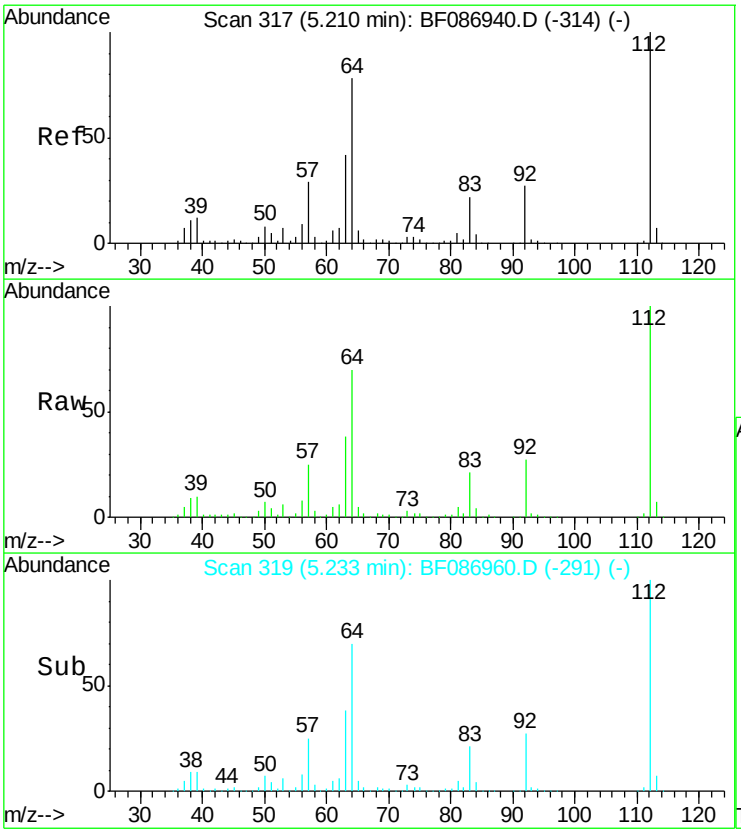
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

Tgt Ion:152 Resp: 133521

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.8	188.6
115	57.3	51.5	77.3

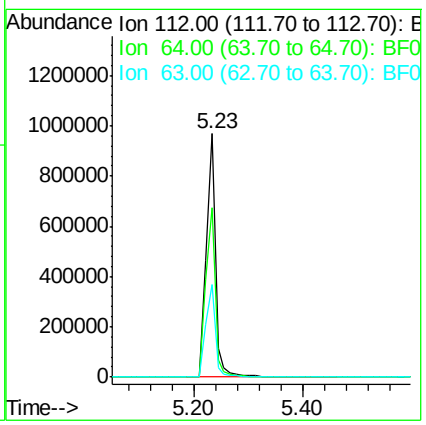


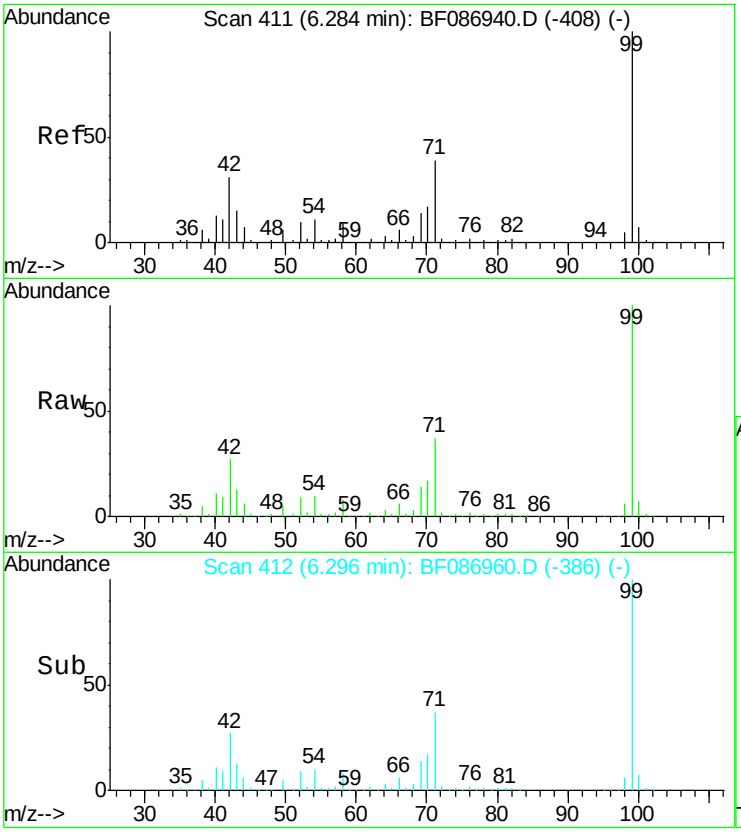


#5
2-Fluorophenol
Concen: 144.14 ng
RT: 5.23 min Scan# 319
Delta R.T. 0.02 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Tgt Ion:112 Resp: 1136407

Ion	Ratio	Lower	Upper
112	100		
64	69.6	52.1	78.1
63	37.9	25.7	38.5



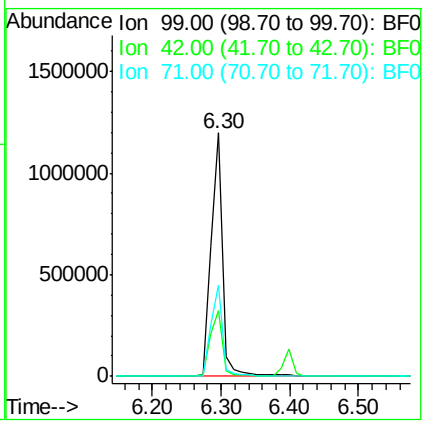


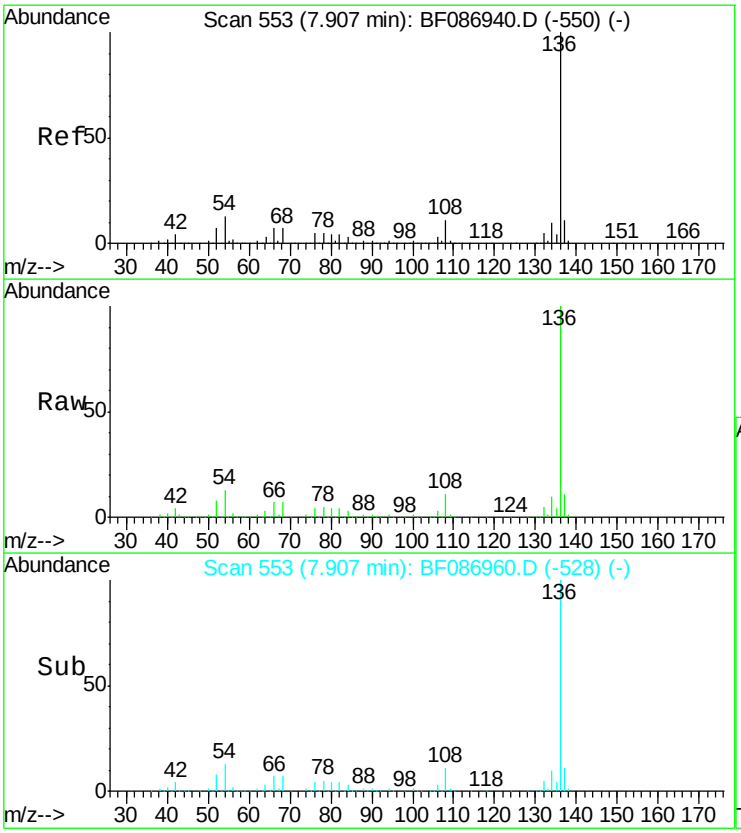
#7
Phenol-d6
Concen: 134.17 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

Tgt Ion: 99 Resp: 1413780

Ion	Ratio	Lower	Upper
99	100		
42	27.1	13.6	20.4#
71	37.4	24.6	36.8#

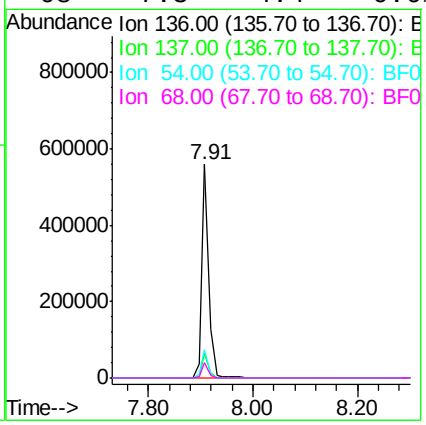


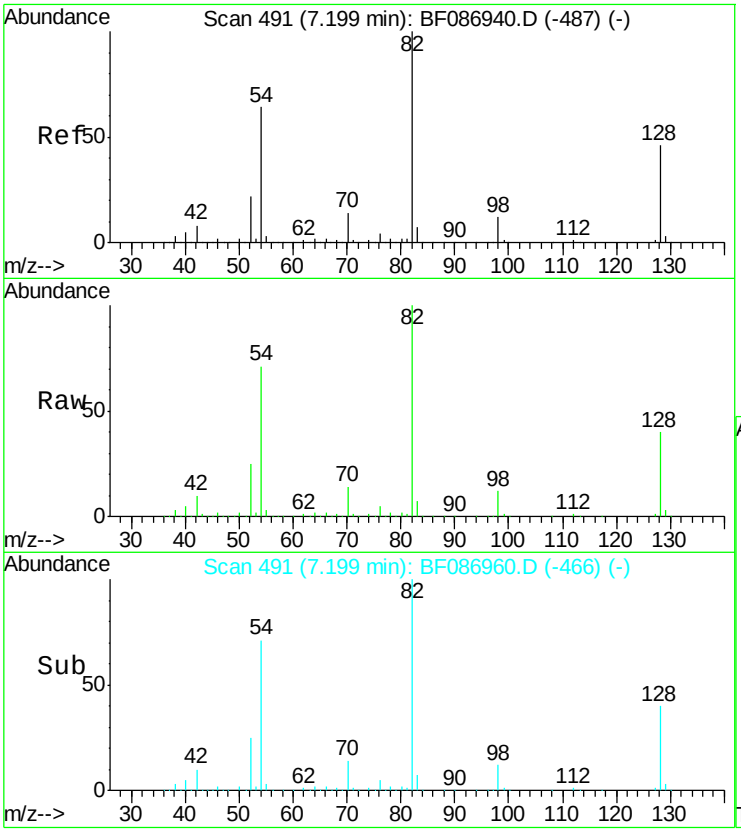


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Tgt Ion:136 Resp: 515992

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.4	5.0	7.4#
68	7.3	4.4	6.6#



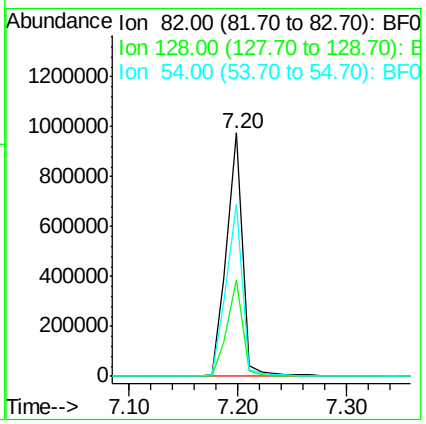


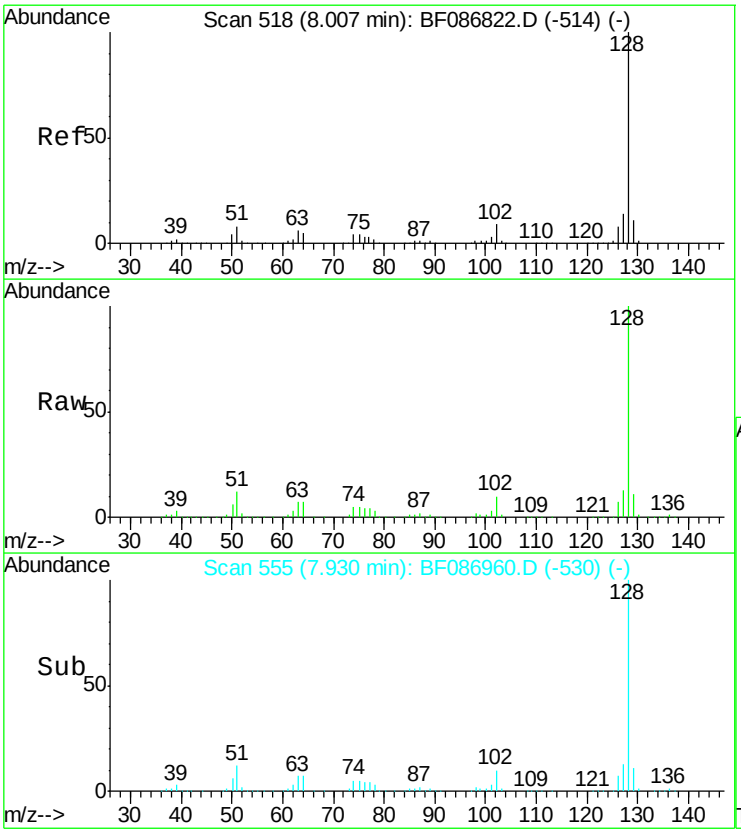
#23
Nitrobenzene-d5
Concen: 97.76 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

Tgt Ion: 82 Resp: 1004601

Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.6	61.0#
54	70.7	38.1	57.1#

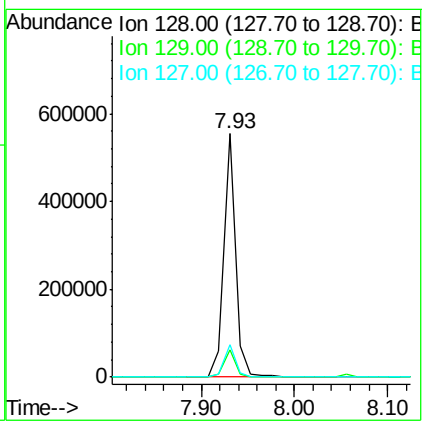


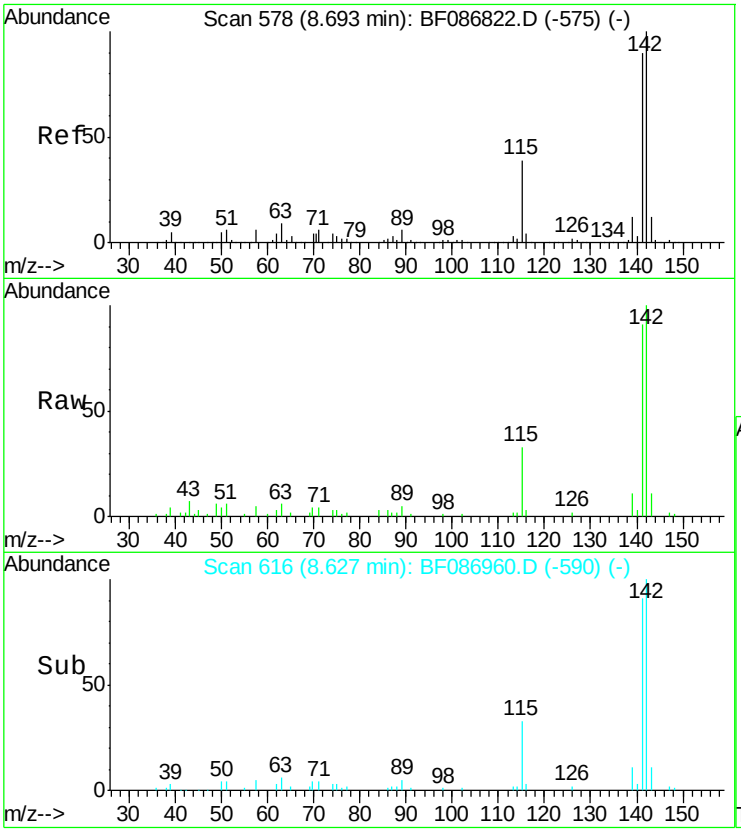


#31
Naphthalene
Concen: 18.76 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Tgt Ion:128 Resp: 484832

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.3	10.8	16.2



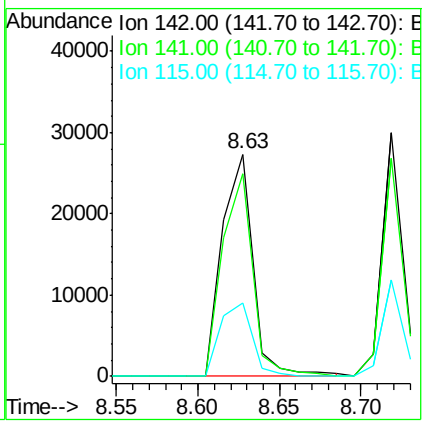


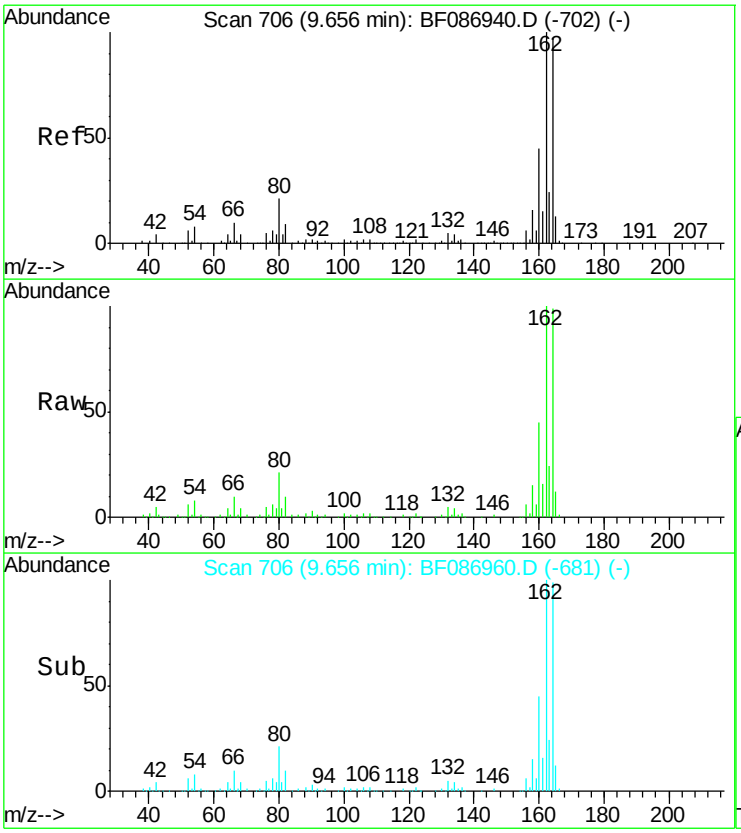
#37
2-Methylnaphthalene
Concen: 2.36 ng
RT: 8.63 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

Tgt Ion:142 Resp: 35632

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.0	106.6
115	32.8	26.6	39.8

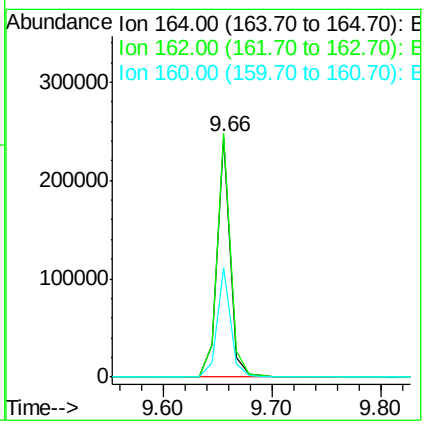


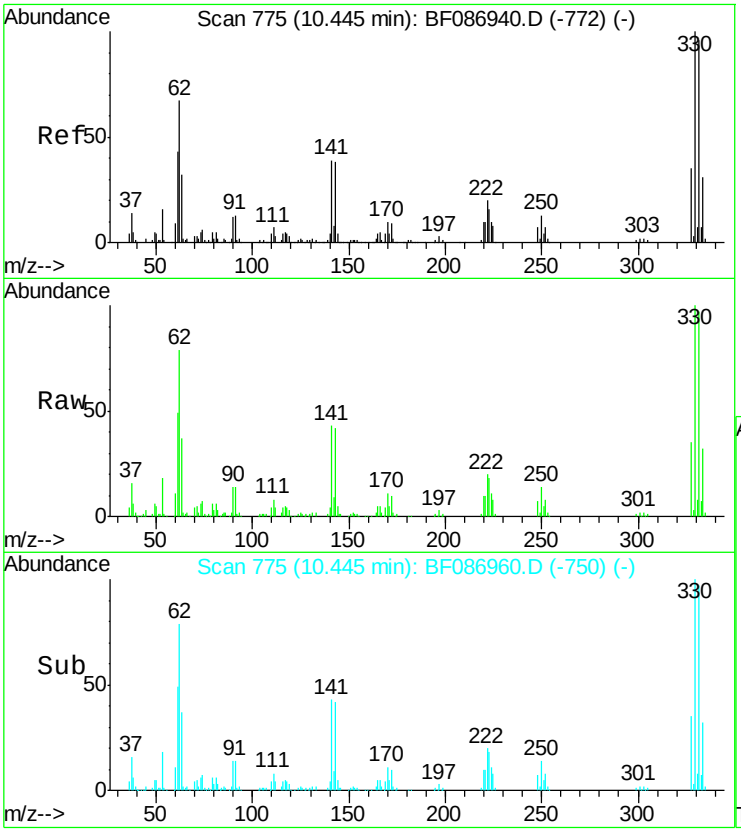


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Tgt Ion:164 Resp: 207855

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.8	124.2
160	45.7	36.9	55.3



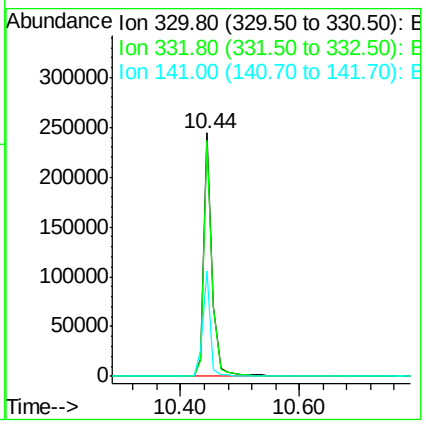


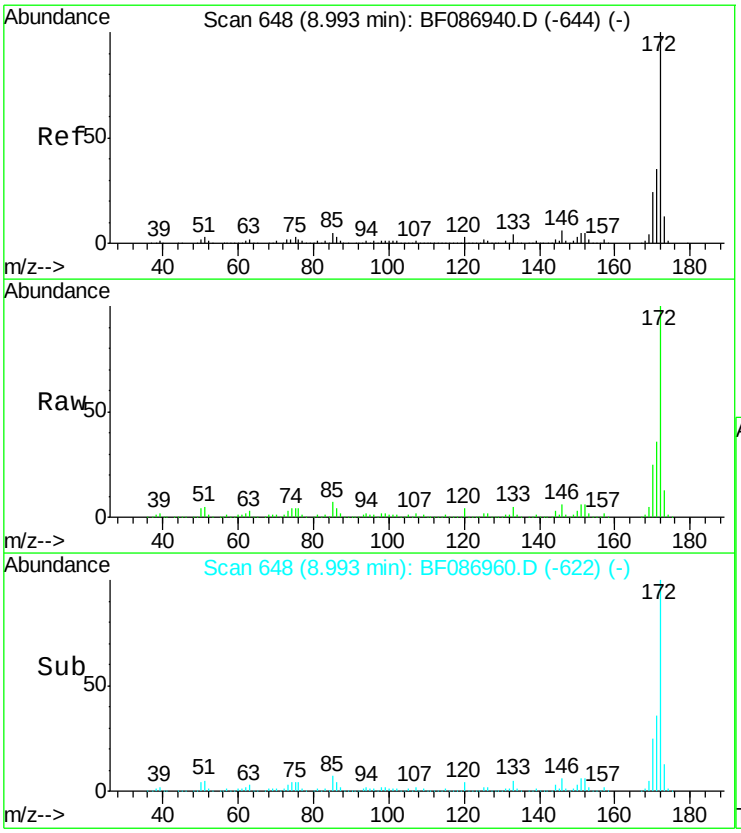
#41
2,4,6-Tribromophenol
Concen: 111.41 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

Tgt Ion:330 Resp: 245162

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	40.7	31.2	46.8

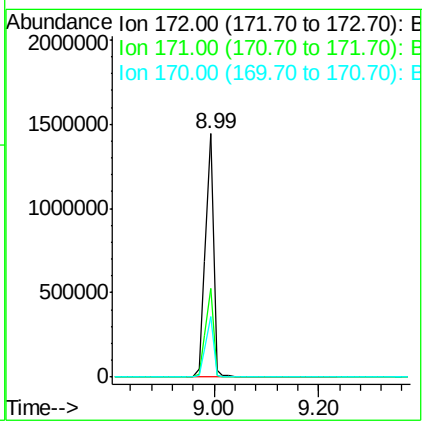


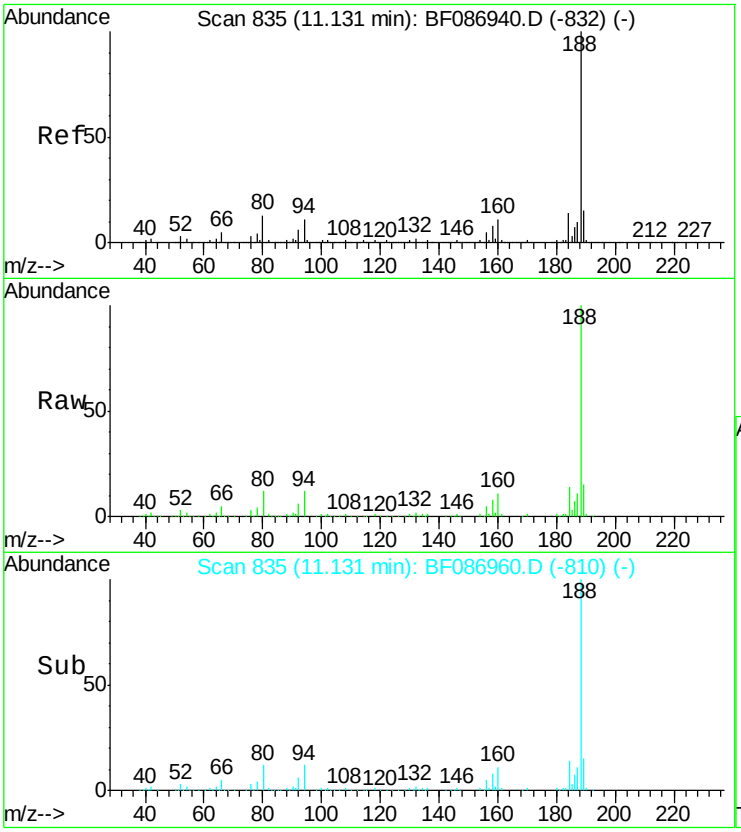


#44
2-Fluorobiphenyl
Concen: 125.14 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Tgt Ion:172 Resp: 1547729

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.8	19.8	29.8



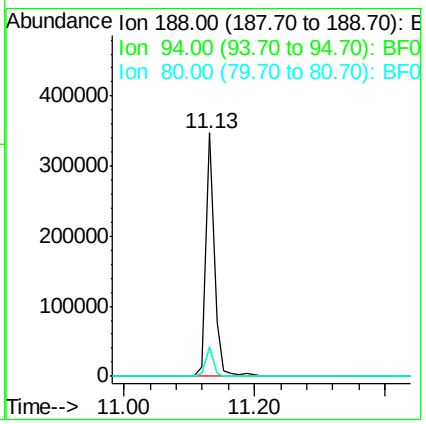


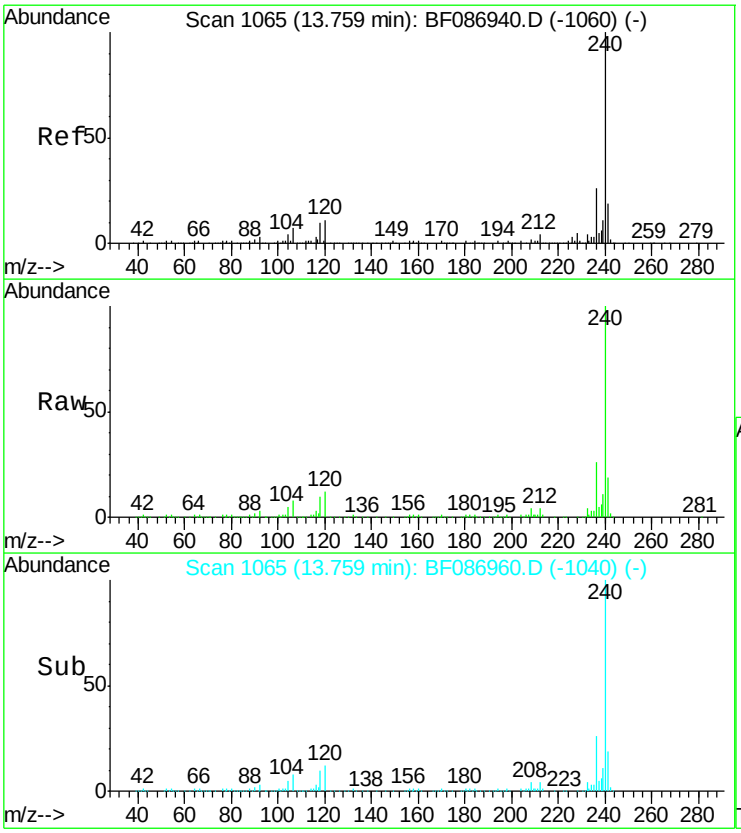
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

Tgt Ion:188 Resp: 316698

Ion	Ratio	Lower	Upper
188	100		
94	11.6	6.8	10.2#
80	12.3	7.1	10.7#

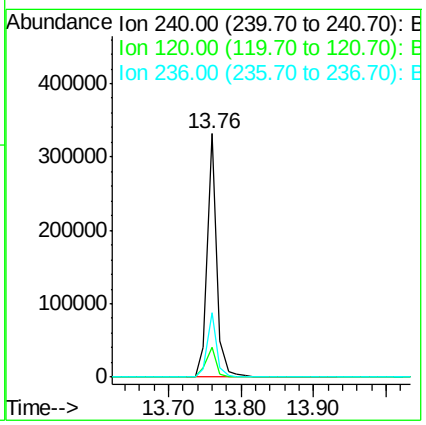


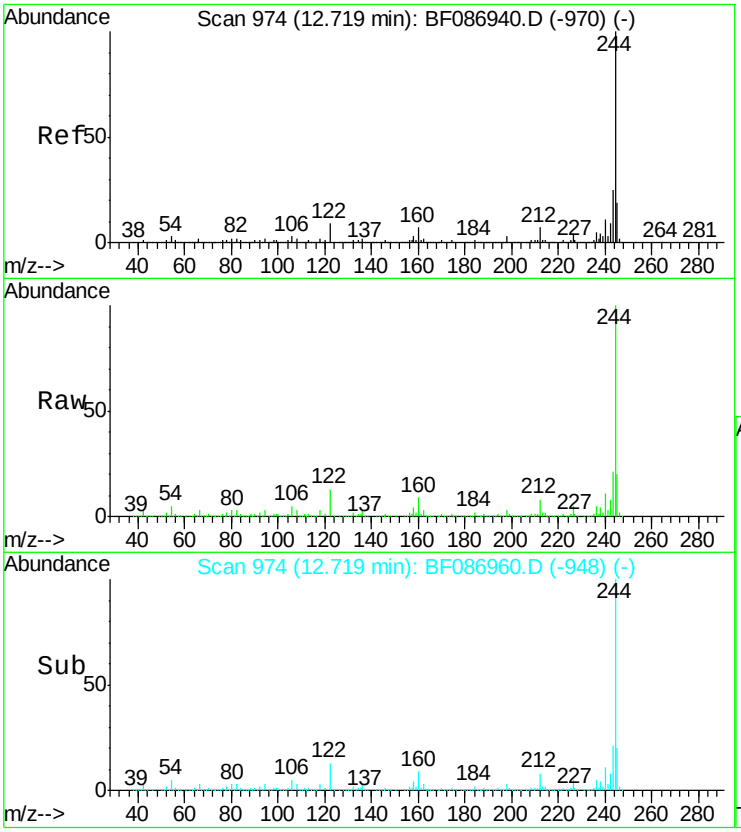


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Tgt Ion:240 Resp: 302668

Ion	Ratio	Lower	Upper
240	100		
120	12.1	11.2	16.8
236	26.4	21.2	31.8



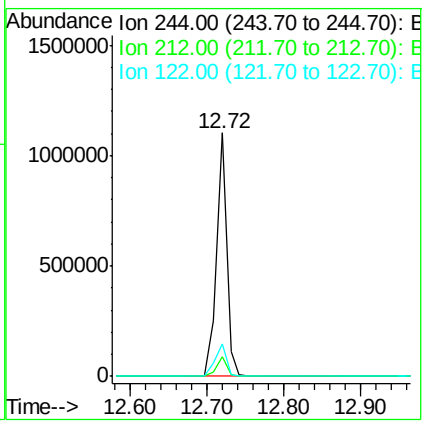


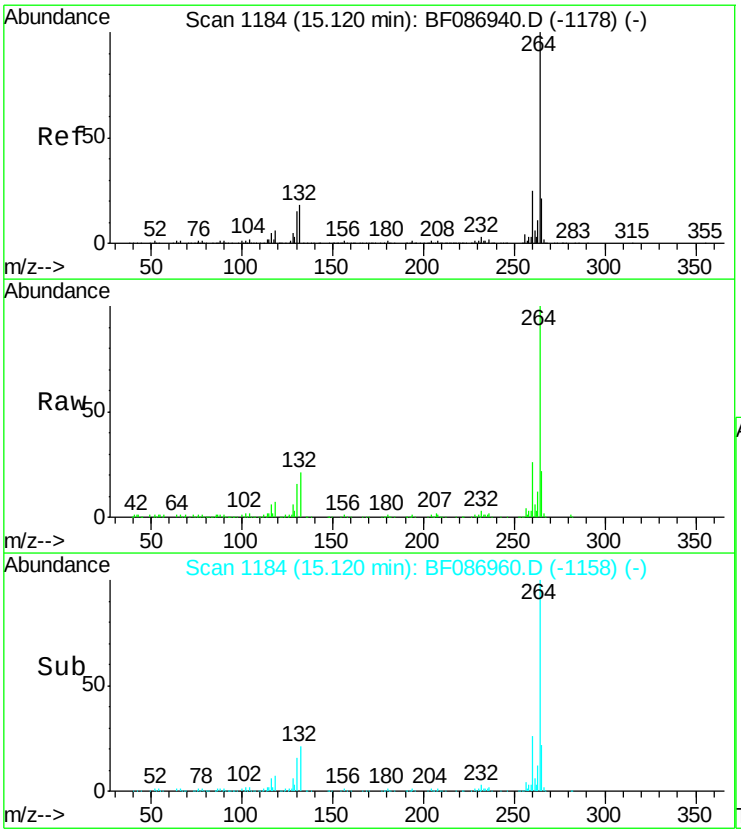
#78
Terphenyl-d14
Concen: 71.67 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

Tgt Ion:244 Resp: 1022396

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.2	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Tgt Ion:264 Resp: 226444

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	22.0	17.3	25.9