Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087585.D
Acq On : 31 May 2016 17:18
Operator : UM/SJ
Sample : PB90866TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90866TB

Quant Time: Jun 01 00:50:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	108969	20.00	ng	-0.07
21) Naphthalene-d8	9.48	136	428895	20.00	ng	-0.07
38) Acenaphthene-d10	12.30	164	214428	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	438178	20.00	ng	-0.07
75) Chrysene-d12	18.43	240	393154	20.00	ng	-0.05
86) Perylene-d12	20.11	264	339602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	789469	127.30	ng	-0.06
7) Phenol-d6	7.00	99	992864	118.49	ng	-0.07
23) Nitrobenzene-d5	8.36	82	696753	81.87	ng	-0.08
41) 2,4,6-Tribromophenol	13.60	330	256251	124.36	ng	-0.08
44) 2-Fluorobiphenyl	11.24	172	1183564	77.81	ng	-0.09
78) Terphenyl-d14	17.06	244	1313311	71.02	ng	-0.07
Target Compounds						Qvalue
15) Benzyl Alcohol	7.67	79	12596	2.06	ng	# 50
19) n-Nitroso-di-n-propylamine	8.36	70	80688	12.91	ng	# 76

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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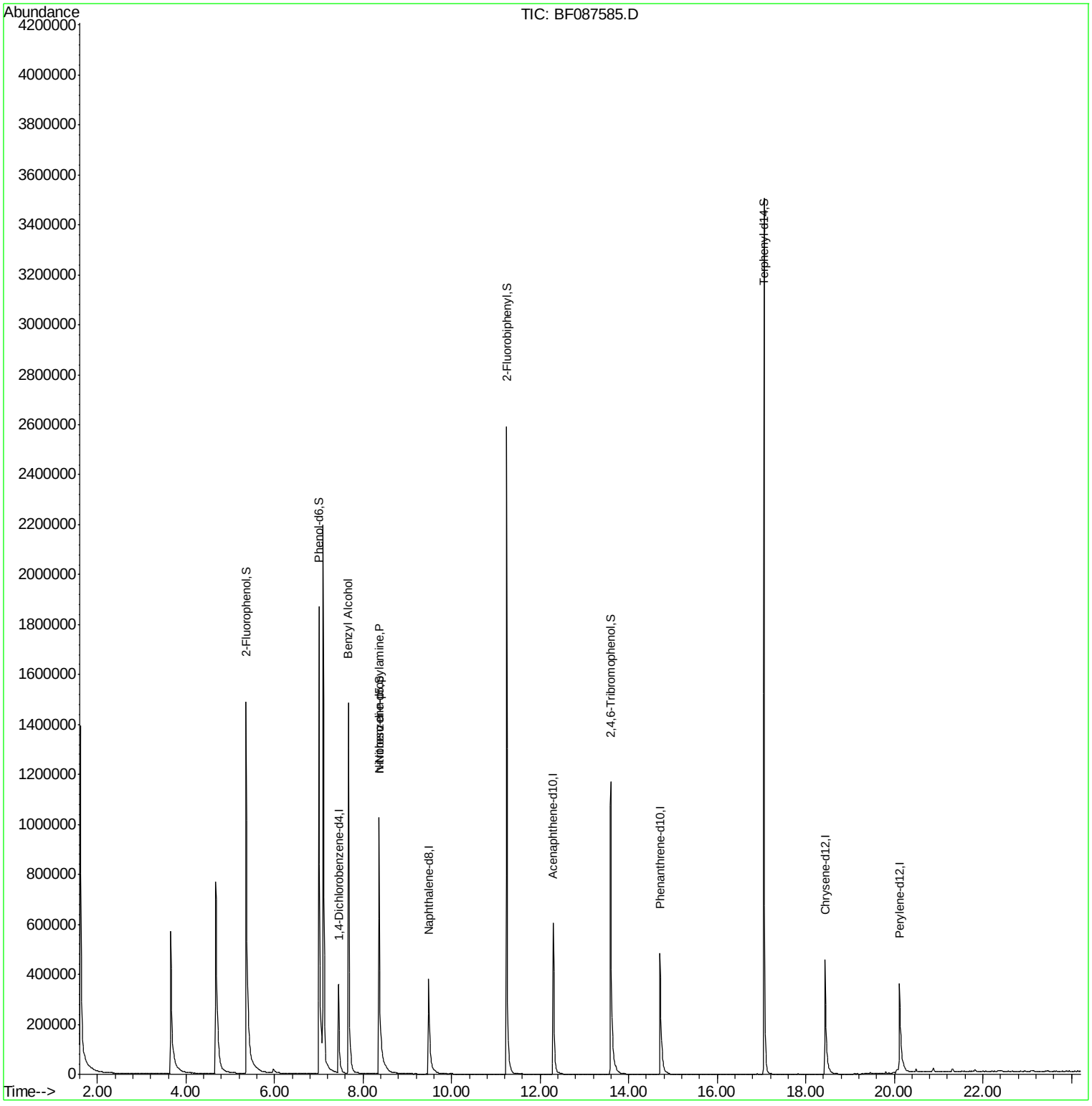
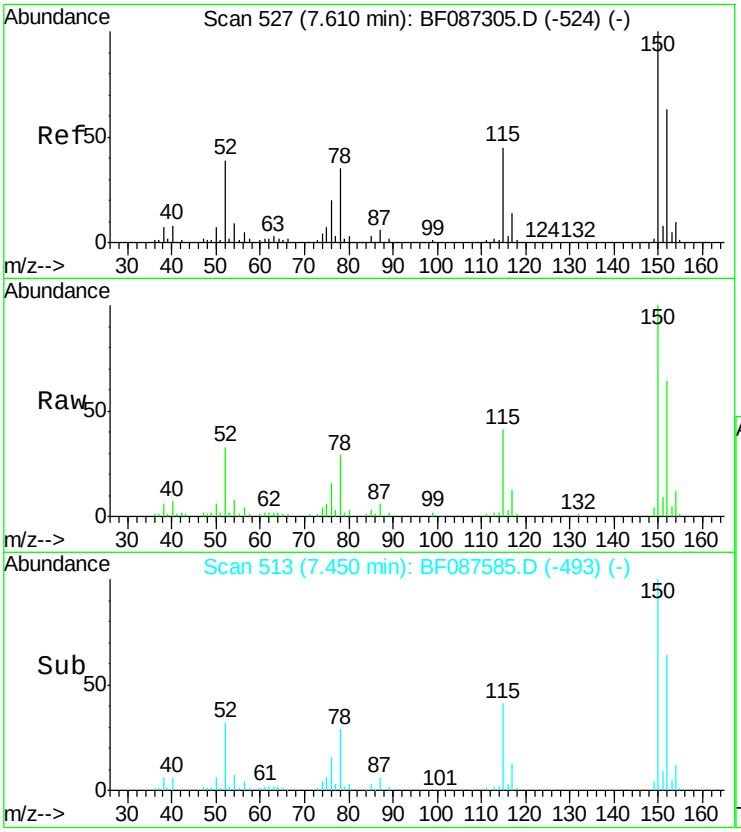


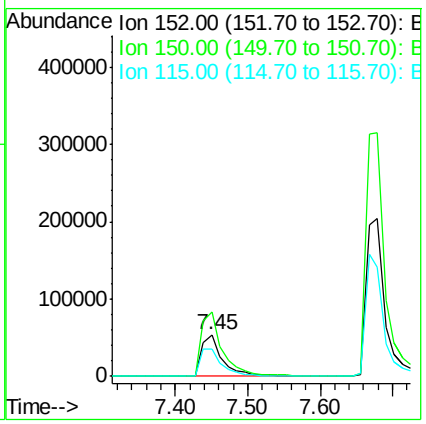


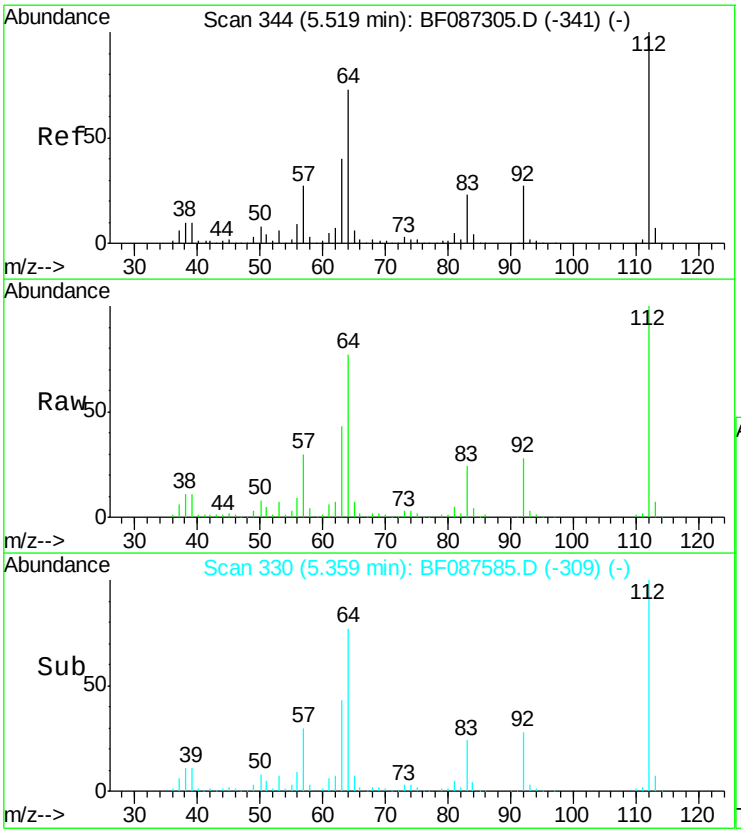
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.07 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tgt Ion:152 Resp: 108969

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.8	188.6
115	64.1	51.5	77.3

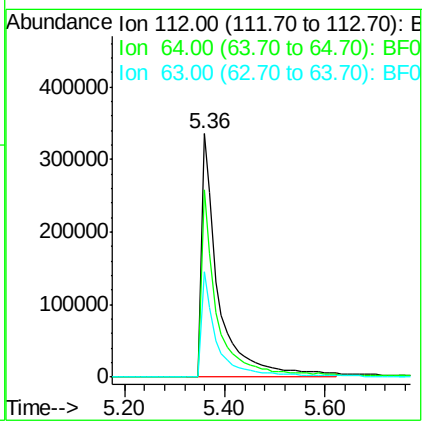


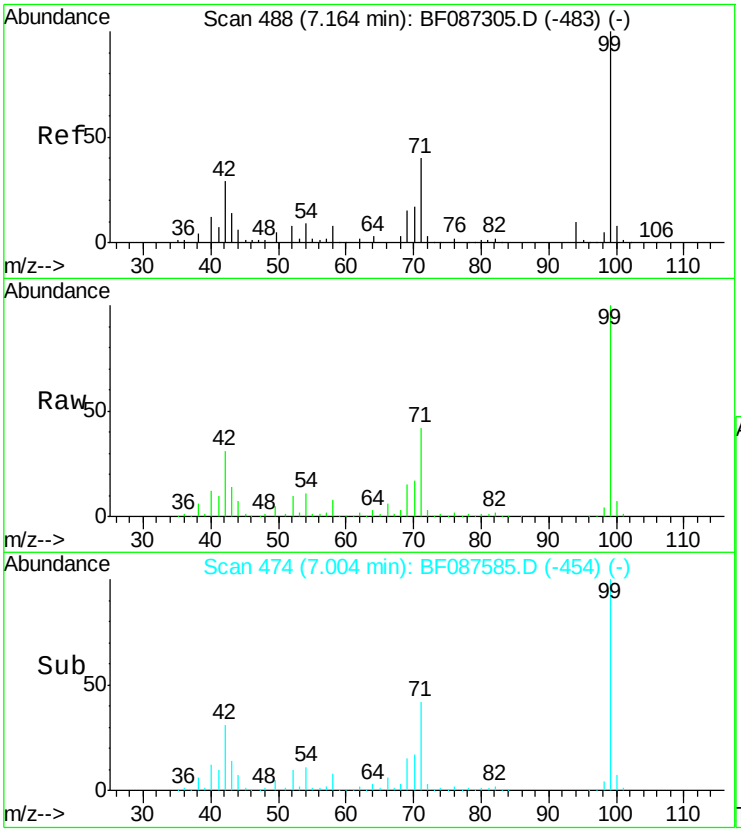


#5
2-Fluorophenol
Concen: 127.30 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.06 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion:112 Resp: 789469

Ion	Ratio	Lower	Upper
112	100		
64	76.8	52.1	78.1
63	43.2	25.7	38.5#



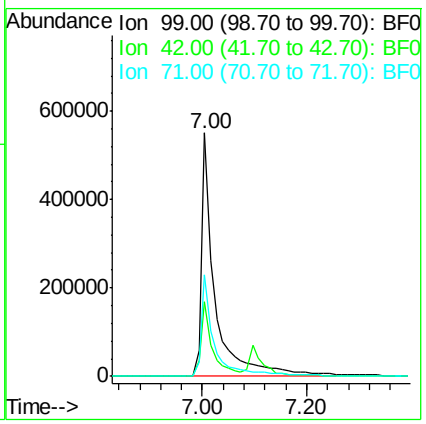


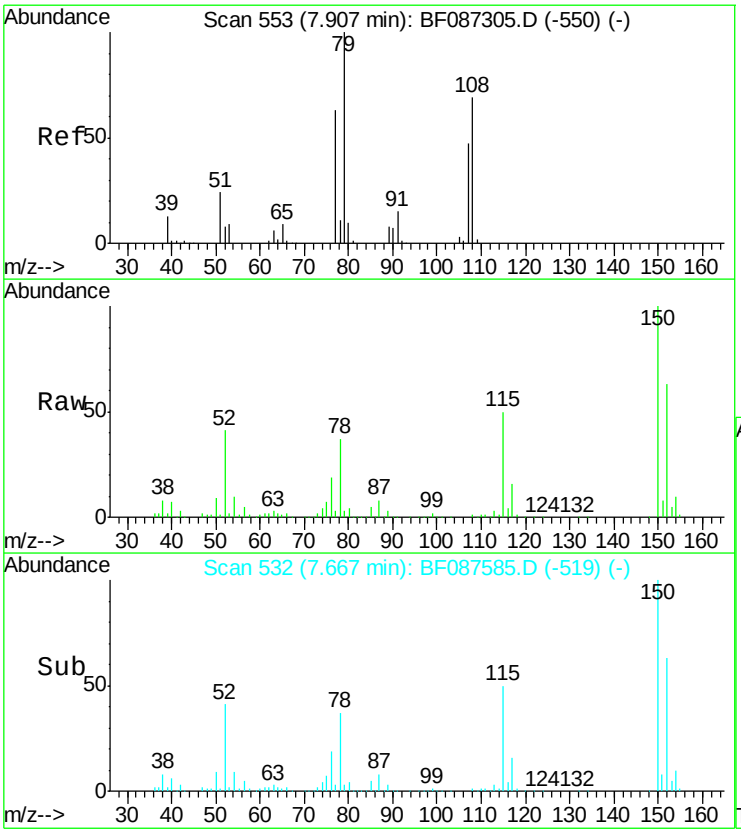
#7
Phenol-d6
Concen: 118.49 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.07 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tgt Ion: 99 Resp: 992864

Ion	Ratio	Lower	Upper
99	100		
42	30.8	13.6	20.4#
71	41.7	24.6	36.8#

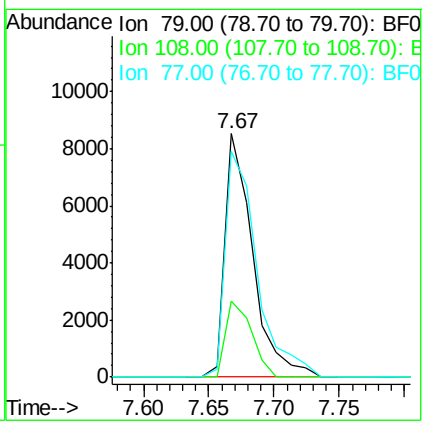


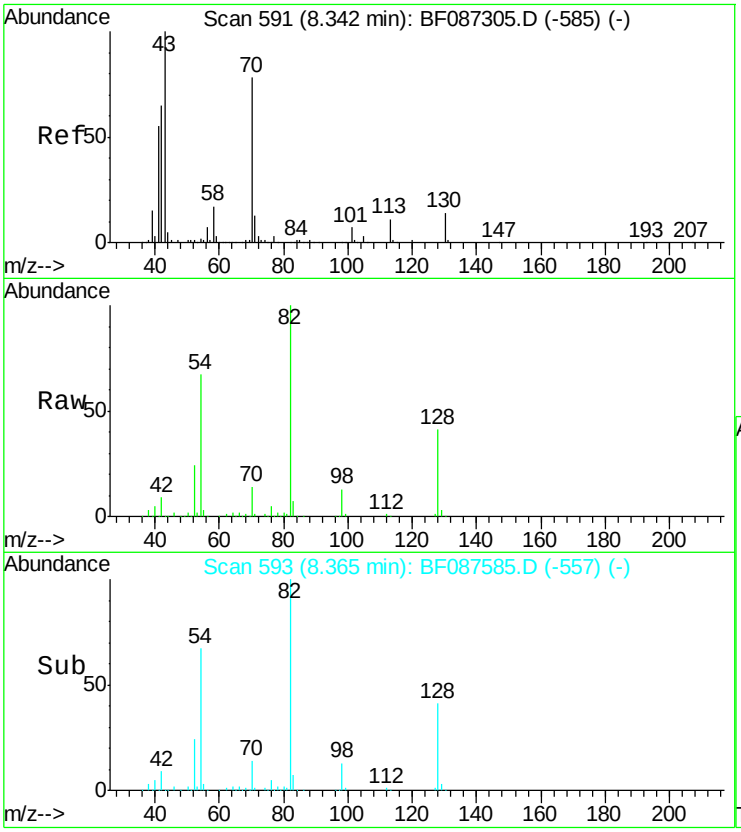


#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.15 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion: 79 Resp: 12596

Ion	Ratio	Lower	Upper
79	100		
108	31.0	68.4	102.6#
77	92.6	50.6	76.0#



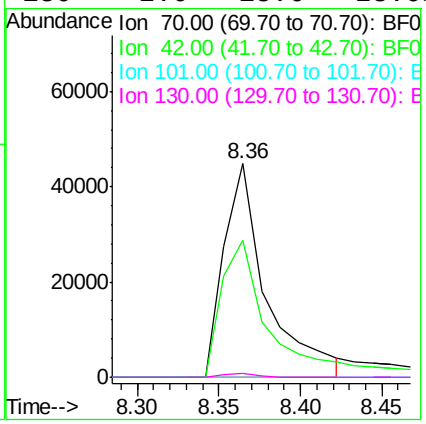


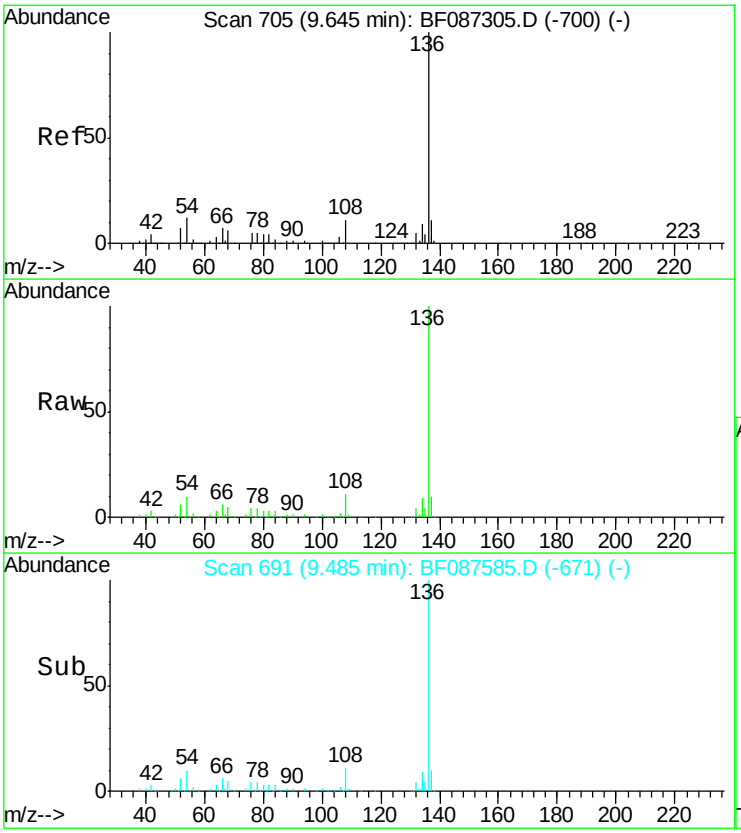
#19
n-Nitroso-di-n-propylamine
Concen: 12.91 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.11 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tgt Ion: 70 Resp: 80688

Ion	Ratio	Lower	Upper
70	100		
42	64.2	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#

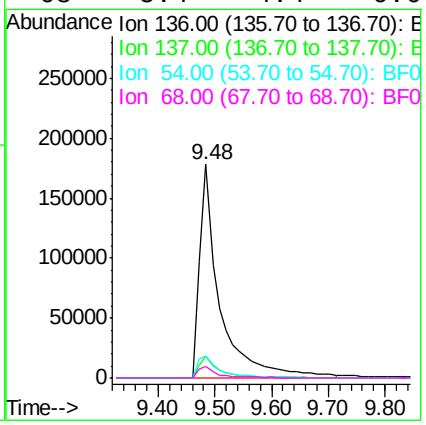


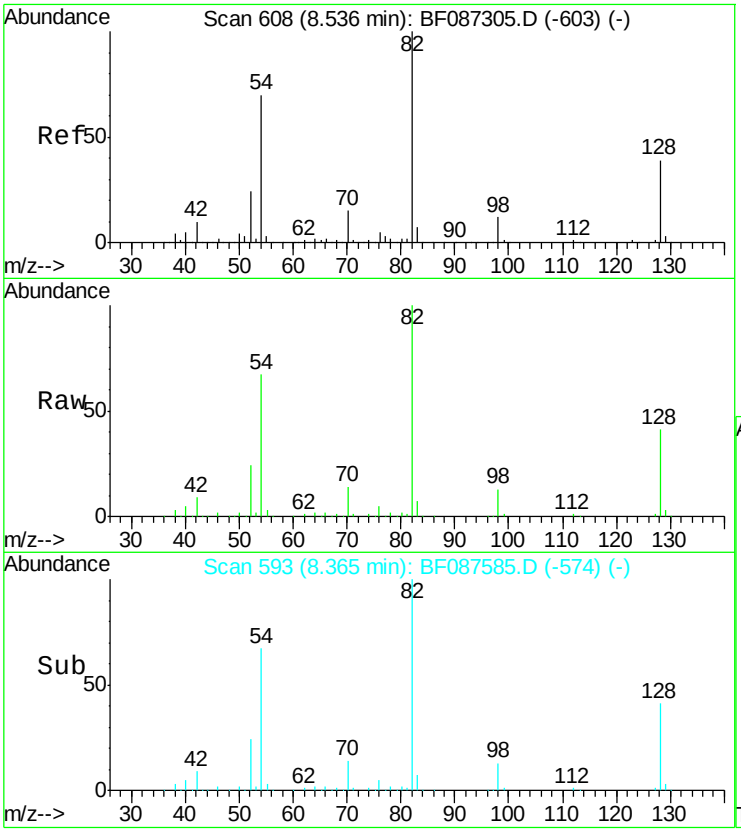


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion:136 Resp: 428895

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.0	5.0	7.4#
68	5.4	4.4	6.6



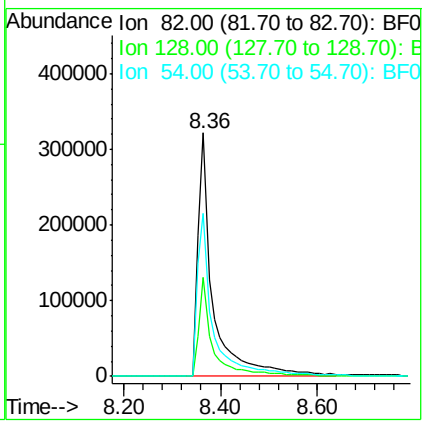


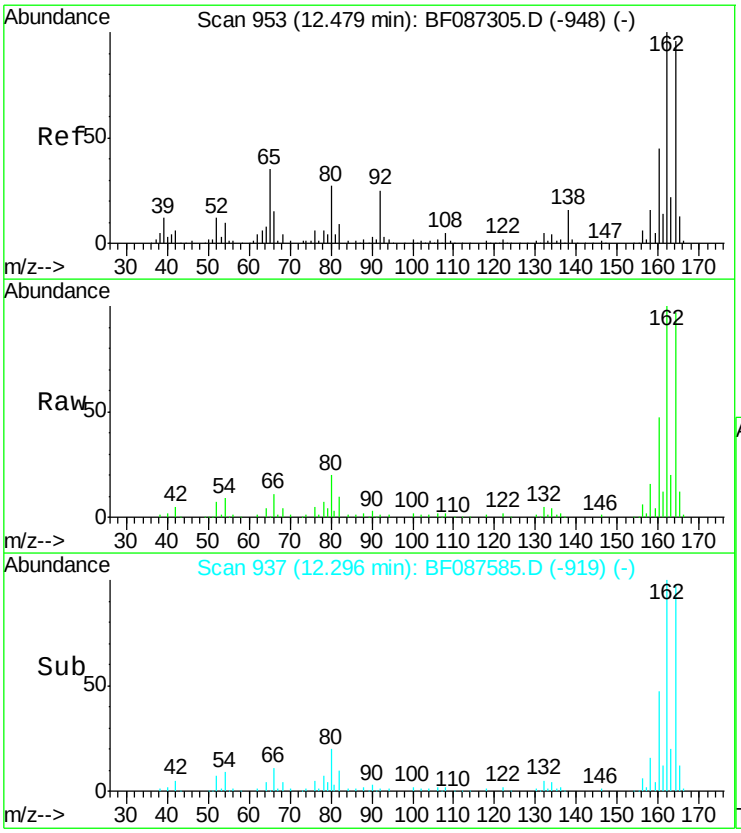
#23
Nitrobenzene-d5
Concen: 81.87 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.08 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tgt Ion: 82 Resp: 696753

Ion	Ratio	Lower	Upper
82	100		
128	40.6	40.6	61.0#
54	66.8	38.1	57.1#

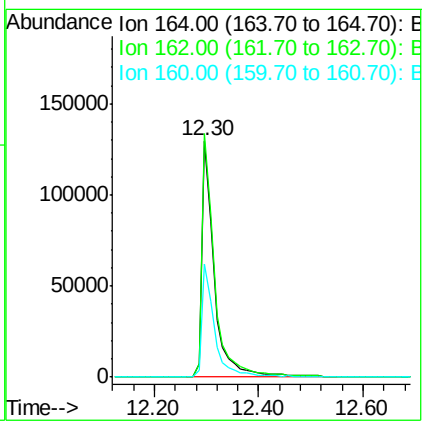


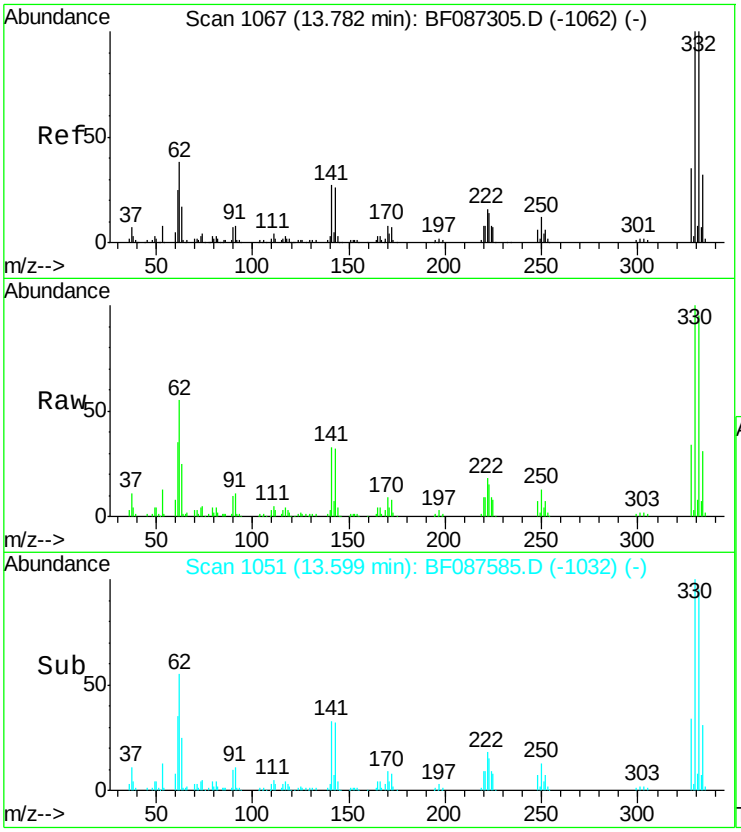


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion:164 Resp: 214428

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.8	124.2
160	48.0	36.9	55.3



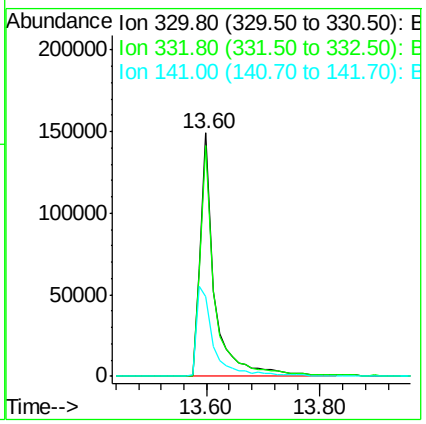


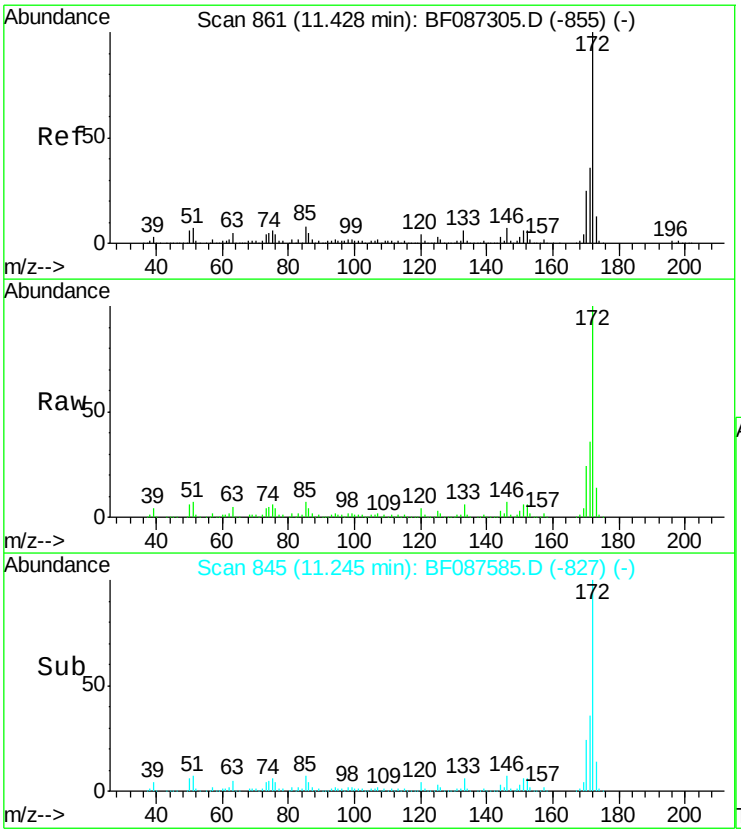
#41
2,4,6-Tribromophenol
Concen: 124.36 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.08 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tgt Ion:330 Resp: 256251

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	44.2	31.2	46.8

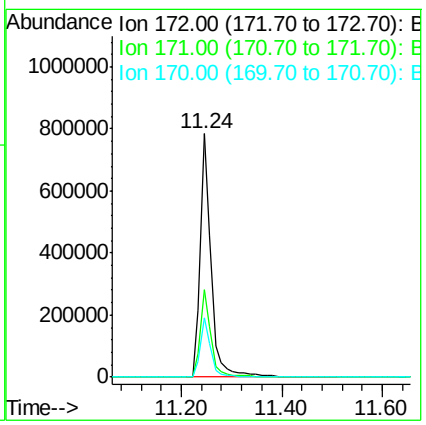


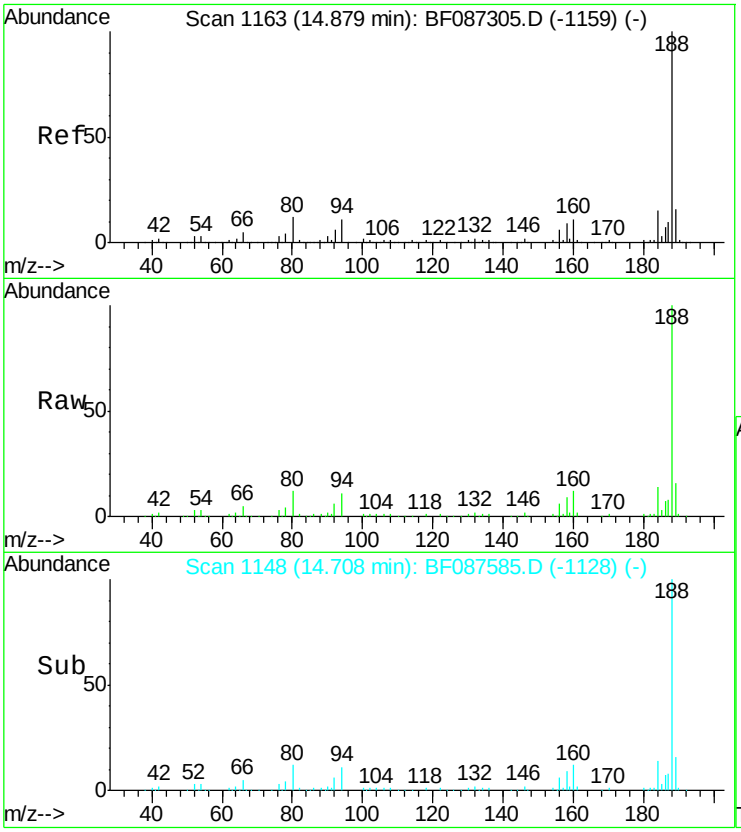


#44
2-Fluorobiphenyl
Concen: 77.81 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.09 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion:172 Resp: 1183564

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.8	29.8



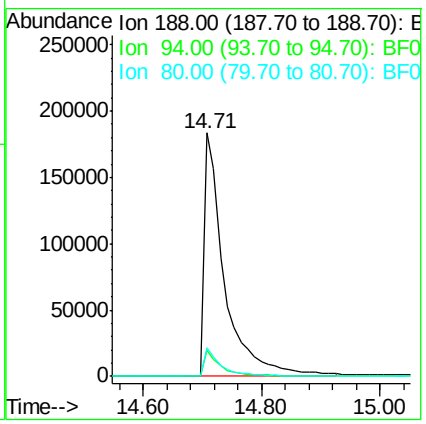


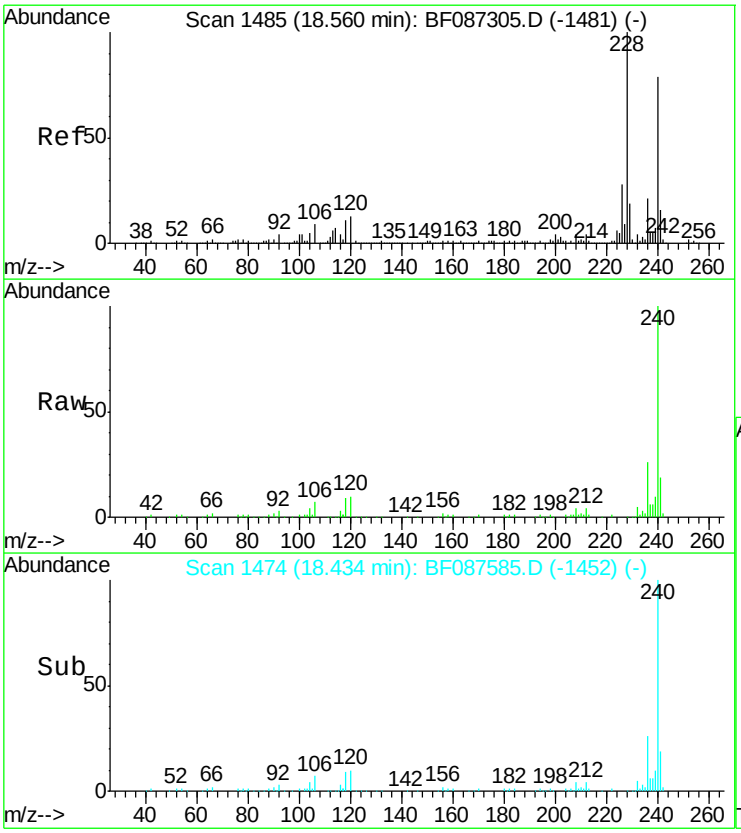
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tgt Ion:188 Resp: 438178

Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.8	10.2#
80	11.8	7.1	10.7#

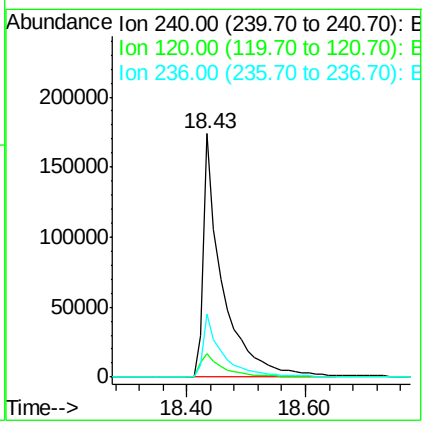


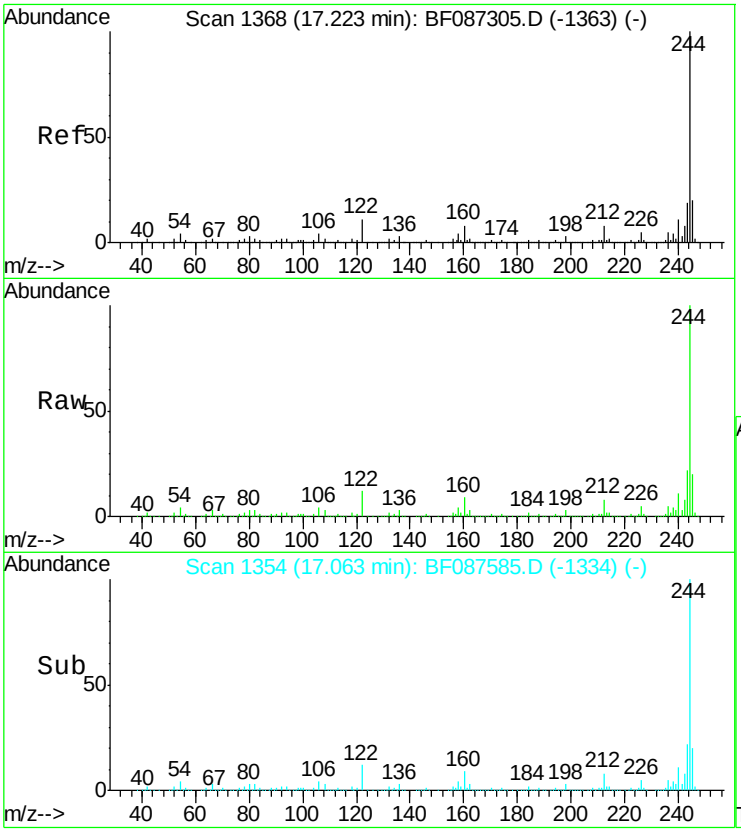


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.05 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion:240 Resp: 393154

Ion	Ratio	Lower	Upper
240	100		
120	9.6	11.2	16.8#
236	25.9	21.2	31.8



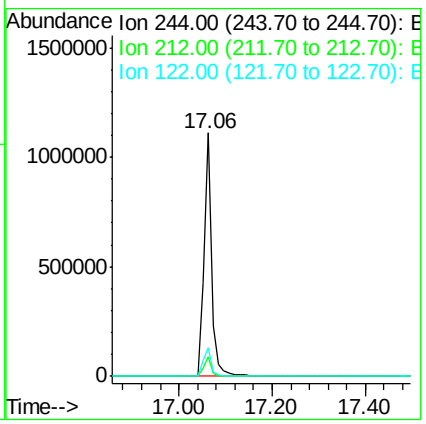


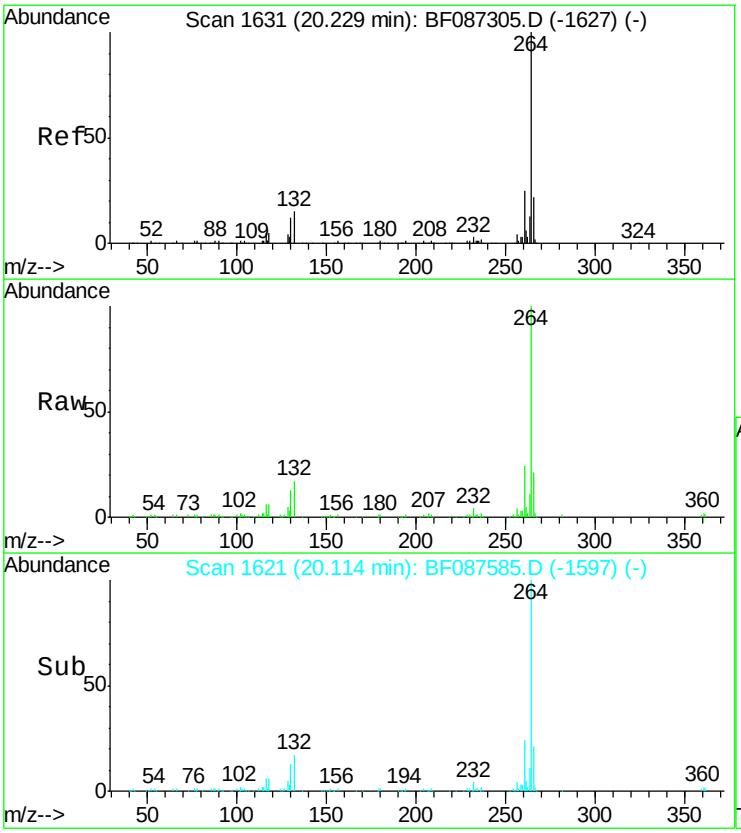
#78
Terphenyl-d14
Concen: 71.02 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.07 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tgt Ion:244 Resp: 1313311

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	11.6	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion:264 Resp: 339602

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.4	17.3	25.9