Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
Data File : BF089983.D
Acq On : 2 Sep 2016 19:04
Operator : UM/SJ
Sample : H4675-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-5

Quant Time: Sep 02 23:10:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	186681	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	668599	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	333492	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	543817	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	438851	20.00	ng	-0.01
86) Perylene-d12	15.10	264	425445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1366936	117.20	ng	0.01
7) Phenol-d6	6.28	99	1670617	117.89	ng	0.00
23) Nitrobenzene-d5	7.20	82	1050058	91.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	378231	114.96	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1902236	93.63	ng	0.00
78) Terphenyl-d14	12.72	244	1370392	77.14	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.30	94	61884	3.76	ng	# 57
49) Dimethylphthalate	9.39	163	843450	34.99	ng	99

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

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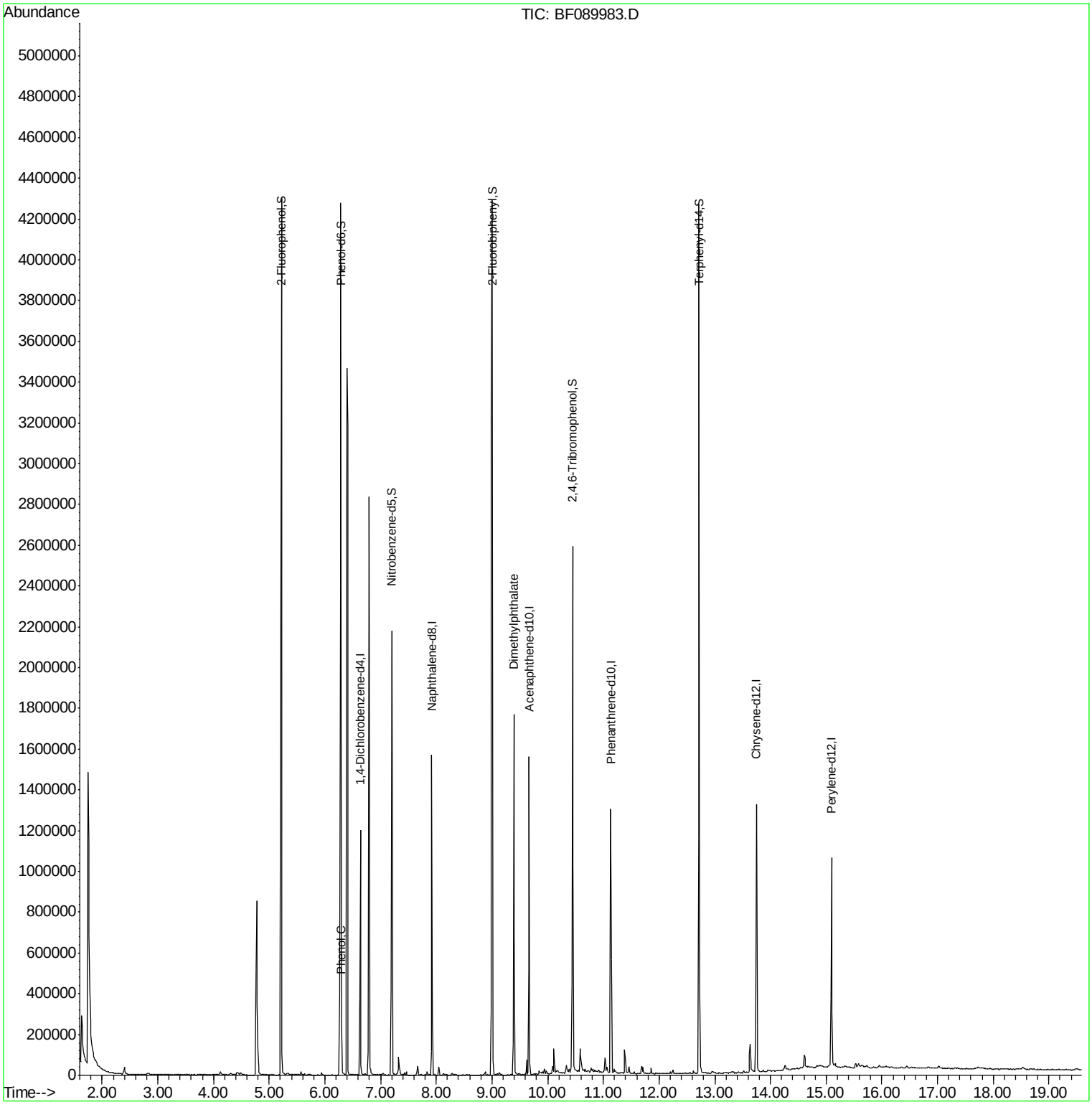
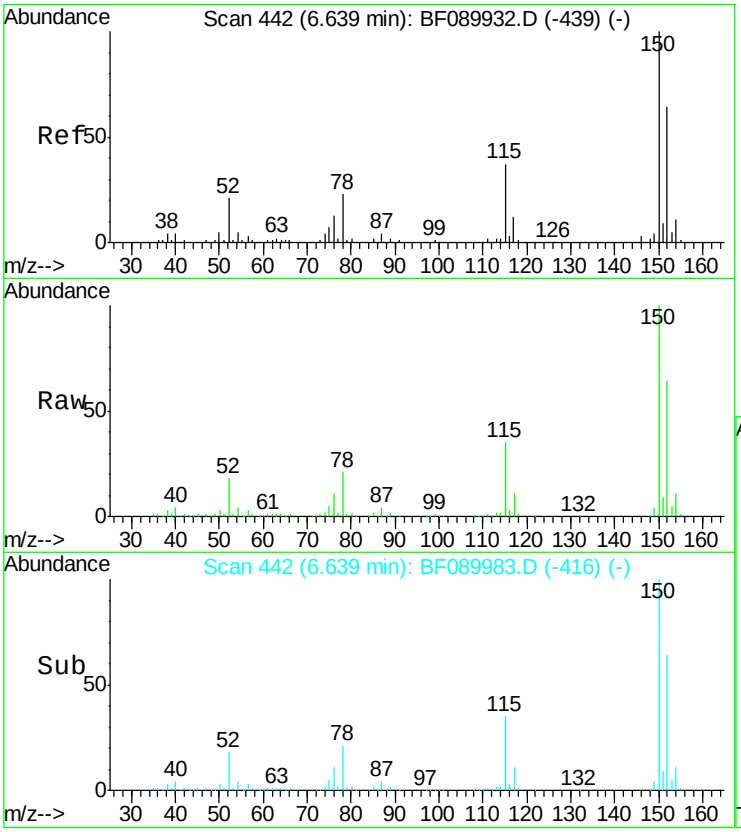


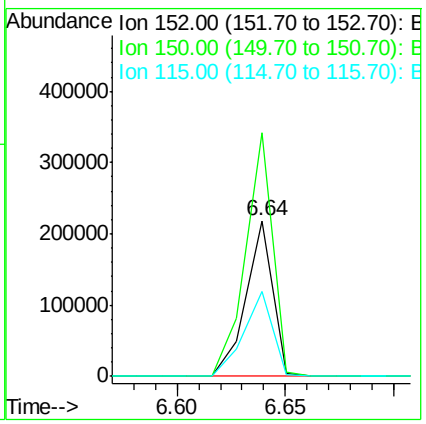


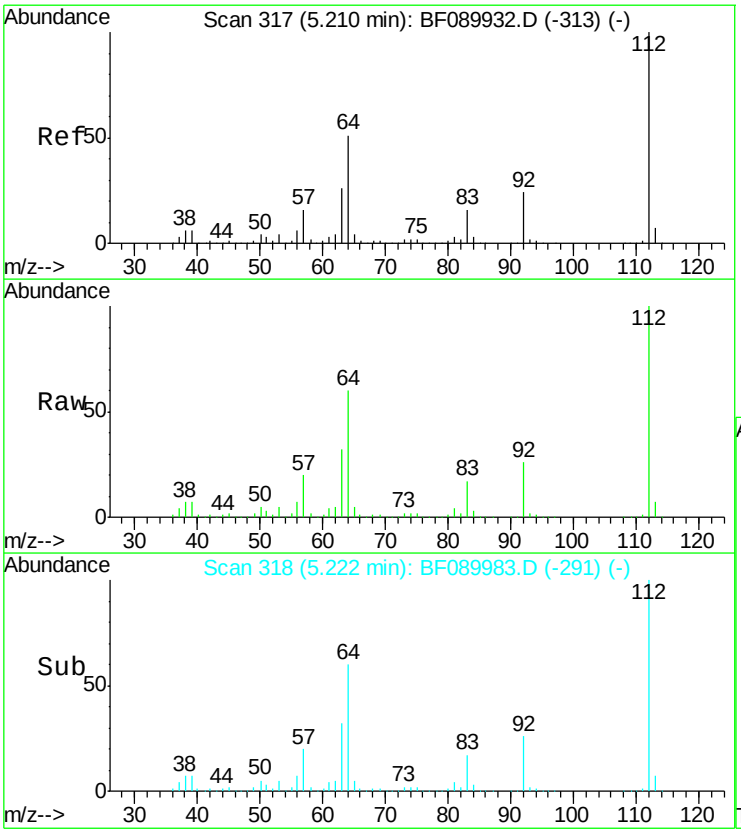
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

Tgt Ion:152 Resp: 186681

Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.2
115	54.3	46.3	69.5

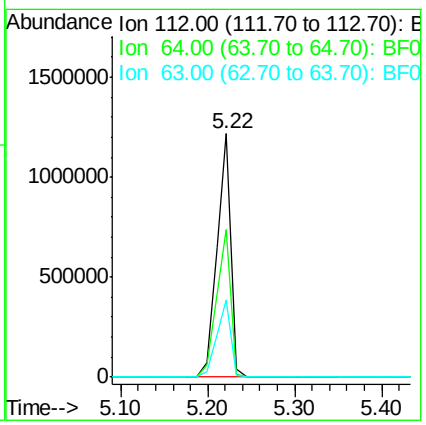


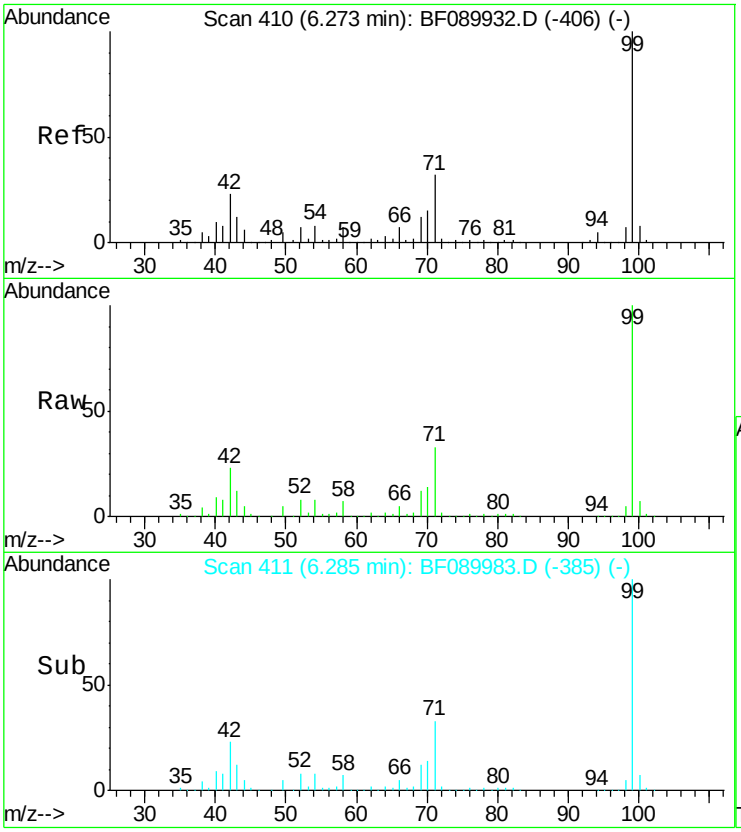


#5
2-Fluorophenol
Concen: 117.20 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Tgt Ion:112 Resp: 1366936

Ion	Ratio	Lower	Upper
112	100		
64	60.5	41.1	61.7
63	31.5	21.2	31.8



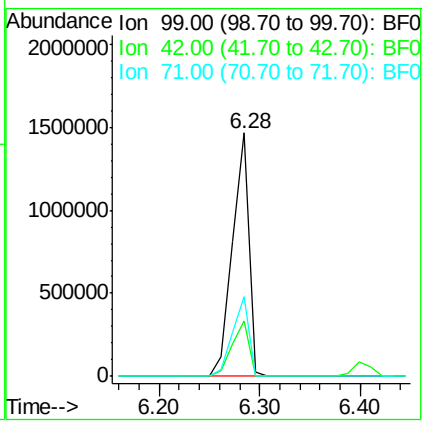


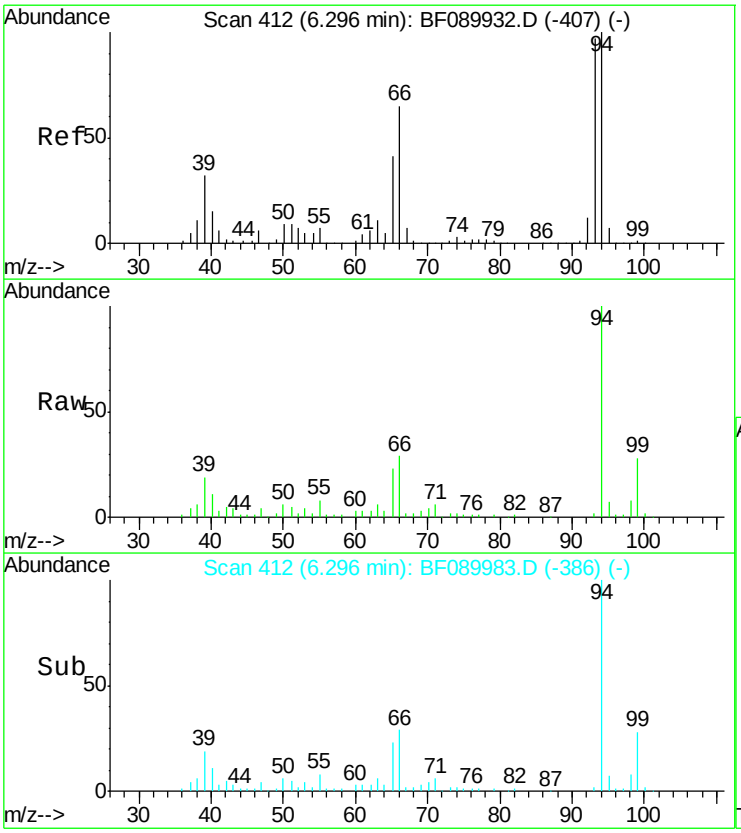
#7
Phenol-d6
Concen: 117.89 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

Tgt Ion: 99 Resp: 1670617

Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.6	27.8
71	32.7	25.8	38.6

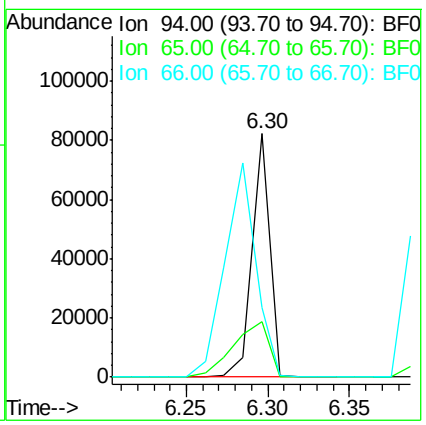


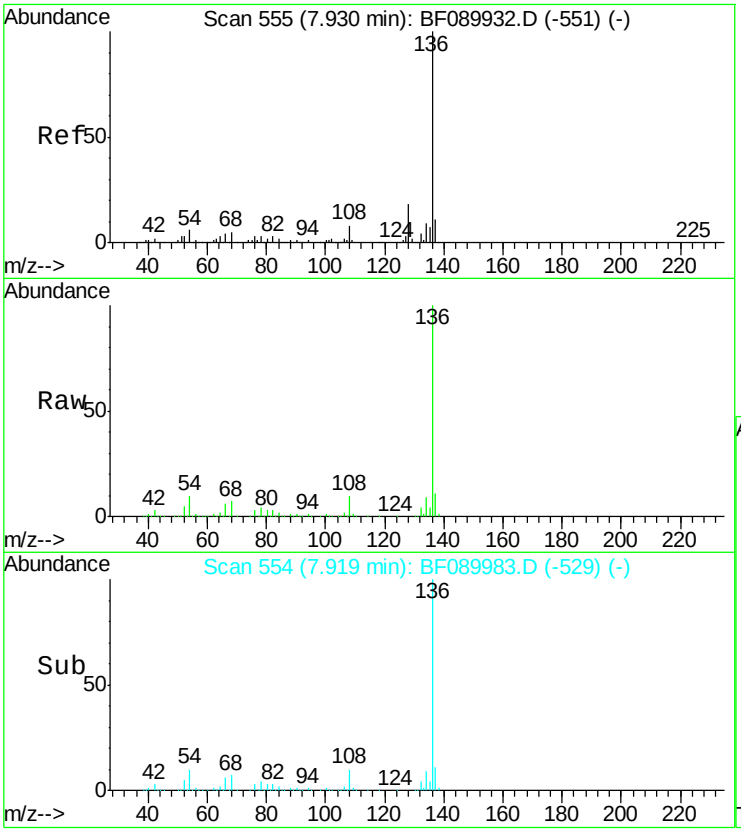


#10
Phenol
Concen: 3.76 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Tgt Ion: 94 Resp: 61884

Ion	Ratio	Lower	Upper
94	100		
65	22.8	23.2	63.2#
66	28.6	49.2	89.2#



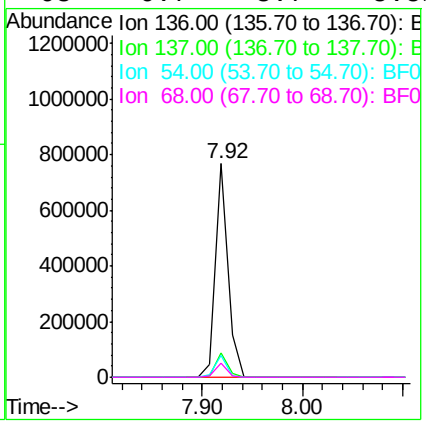


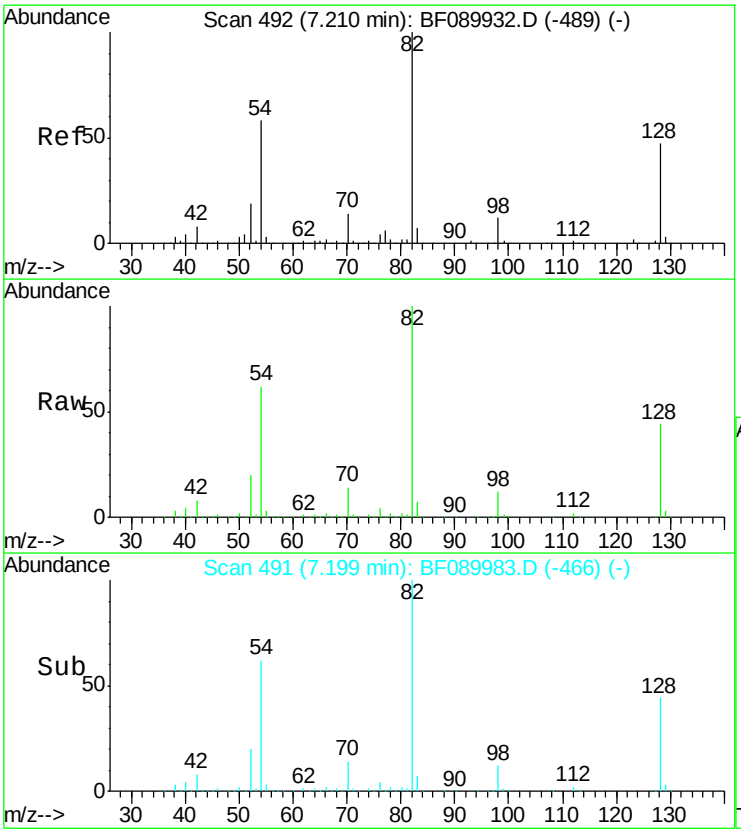
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

Tgt Ion:136 Resp: 668599

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	10.0	4.8	7.2#
68	6.7	3.7	5.5#

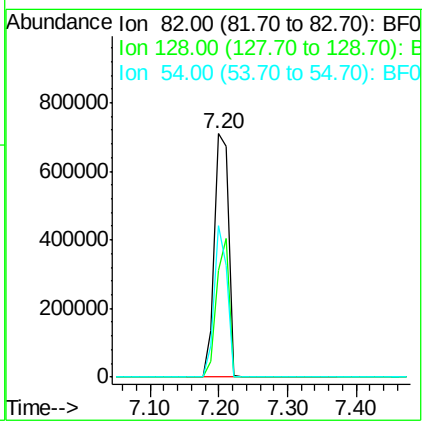


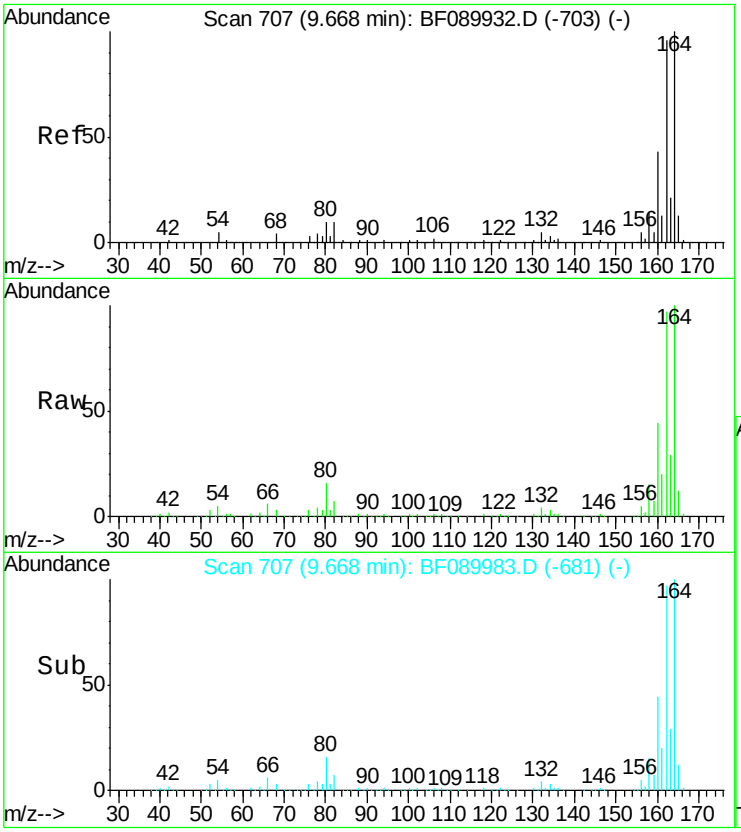


#23
Nitrobenzene-d5
Concen: 91.08 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Tgt Ion: 82 Resp: 1050058

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.8	56.8
54	62.0	46.9	70.3



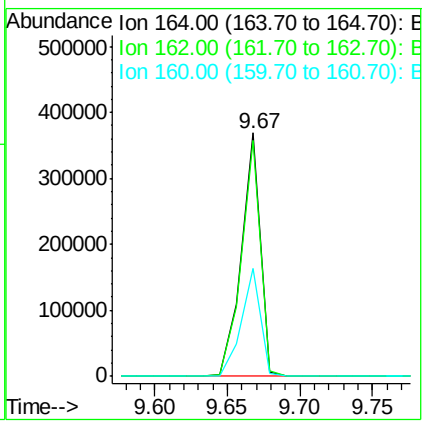


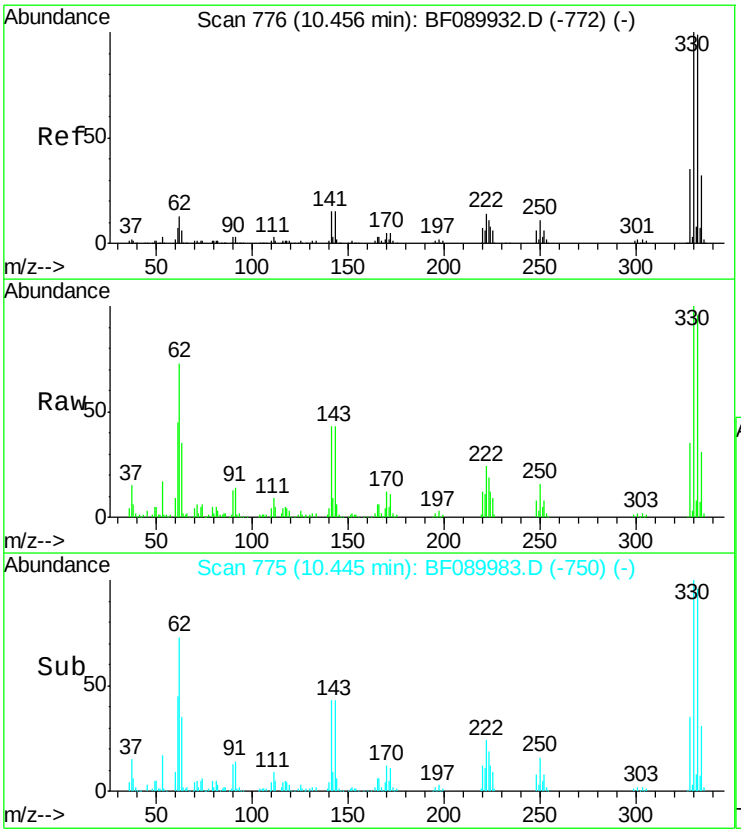
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

Tgt Ion:164 Resp: 333492

Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.1	115.7
160	44.3	35.3	52.9

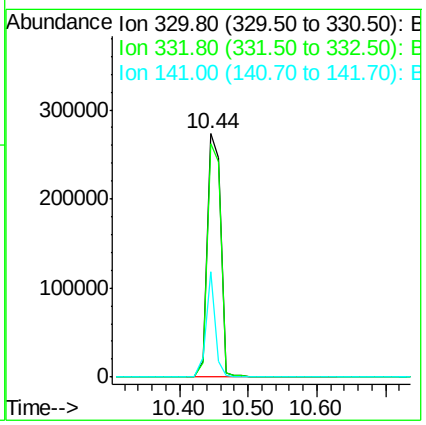


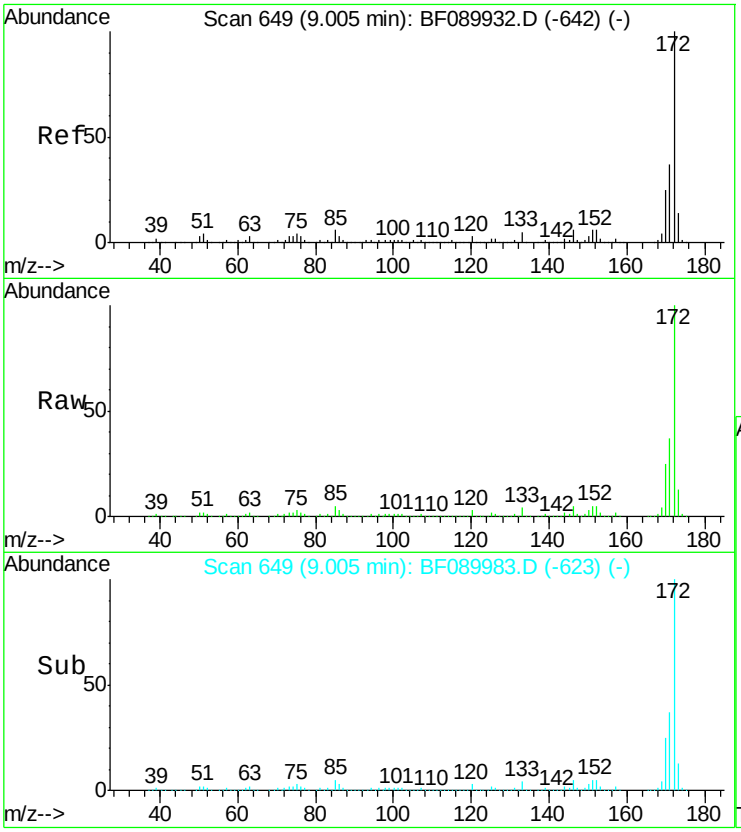


#41
2,4,6-Tribromophenol
Concen: 114.96 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Tgt Ion:330 Resp: 378231

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.6	117.8
141	29.4	23.3	34.9



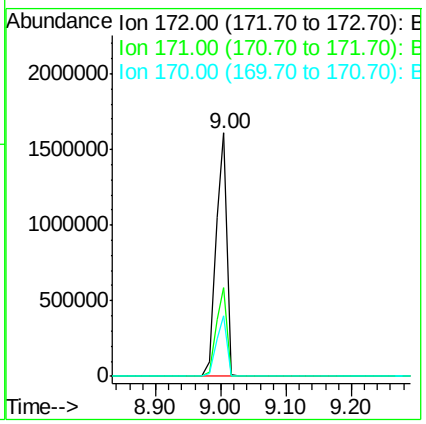


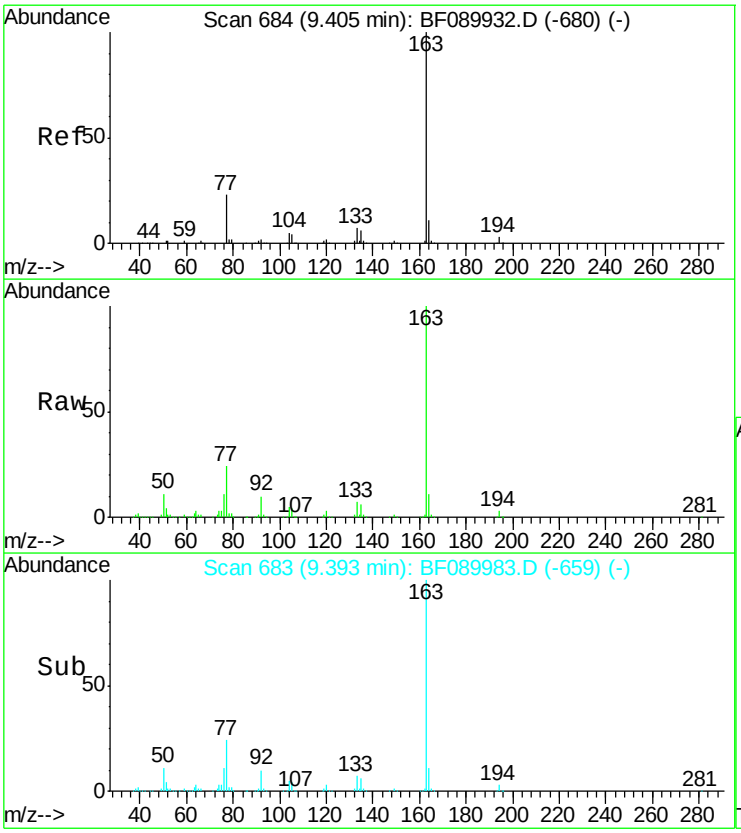
#44
2-Fluorobiphenyl
Concen: 93.63 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

Tgt Ion:172 Resp: 1902236

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.8	20.1	30.1

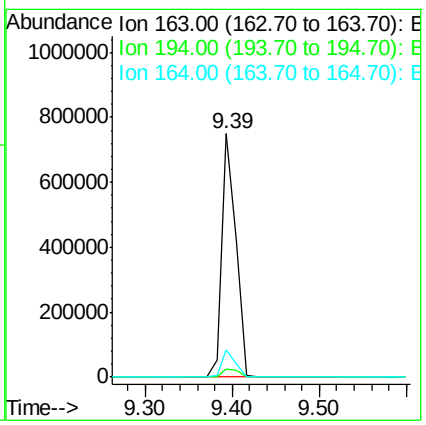


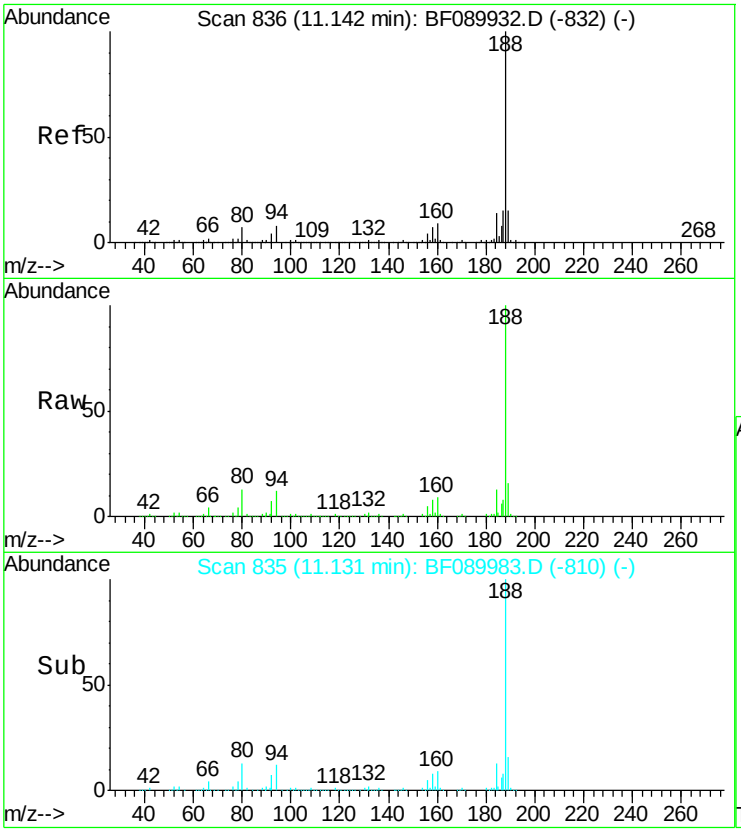


#49
Dimethylphthalate
Concen: 34.99 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Tgt Ion:163 Resp: 843450

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	11.5	9.0	13.4



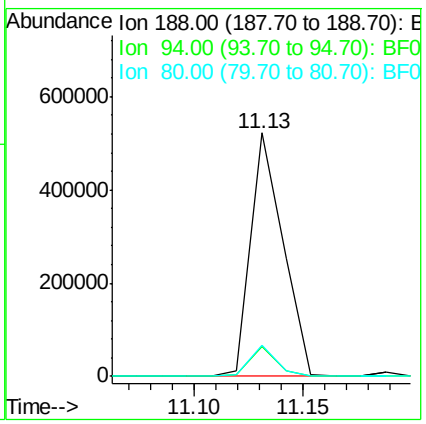


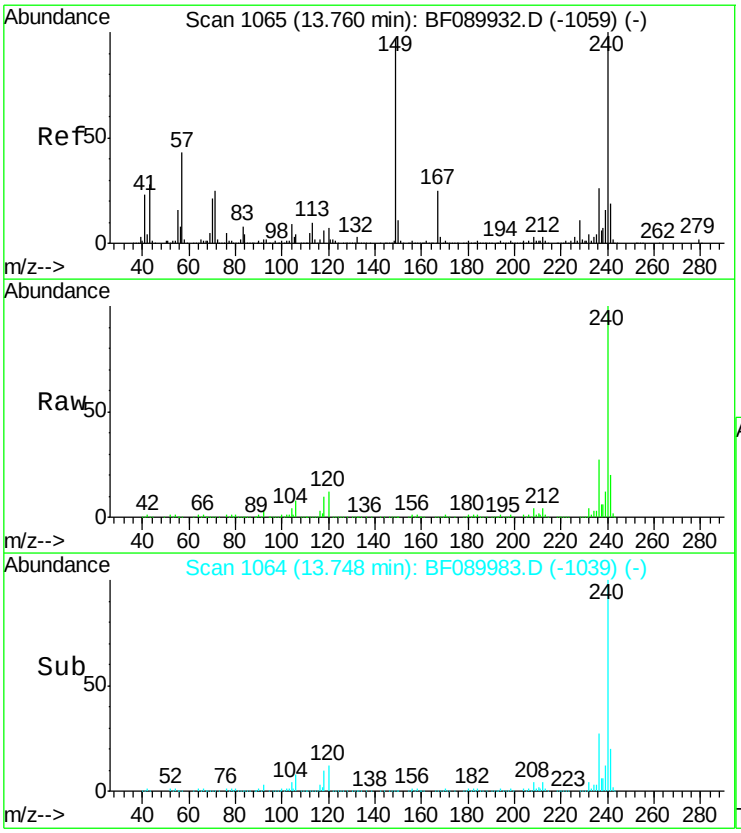
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

Tgt Ion:188 Resp: 543817

Ion	Ratio	Lower	Upper
188	100		
94	12.2	5.9	8.9#
80	12.8	5.8	8.8#

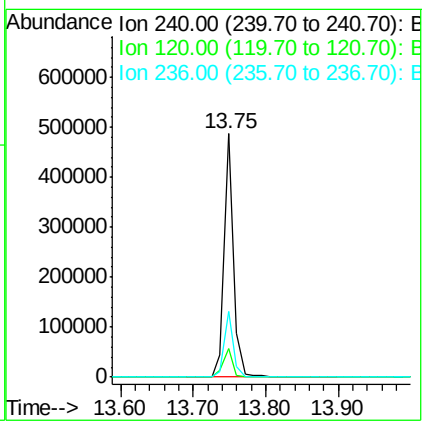


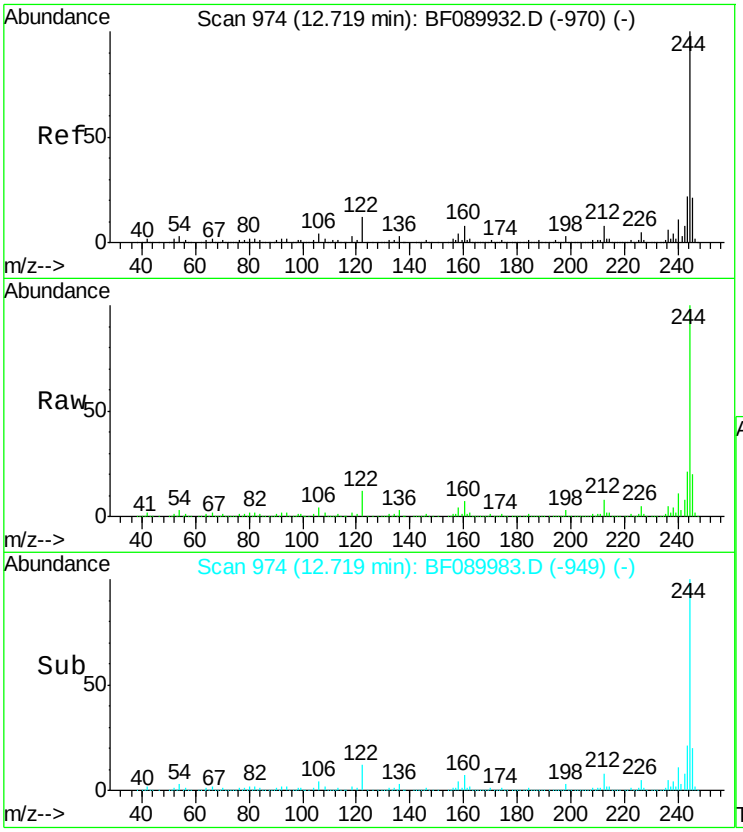


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Tgt Ion:240 Resp: 438851

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.7	8.5#
236	26.8	21.3	31.9



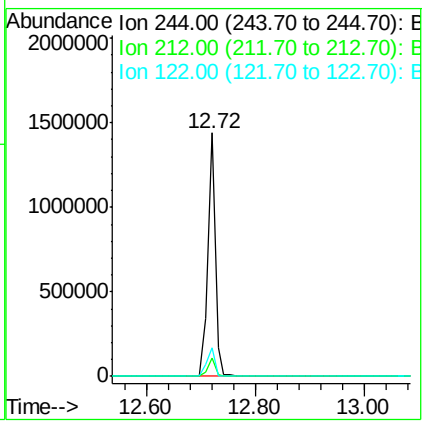


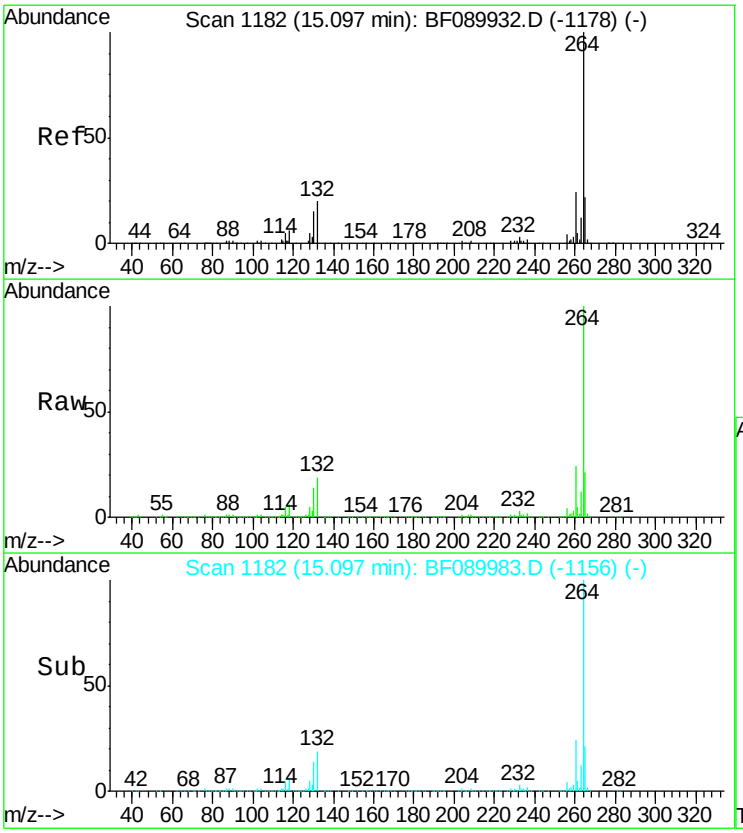
#78
Terphenyl-d14
Concen: 77.14 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

Tgt Ion:244 Resp: 1370392

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	11.6	9.6	14.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Tgt Ion:264 Resp: 425445

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.2	17.4	26.2