Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099087.D
Acq On : 5 Oct 2017 00:44
Operator : SJ/JU
Sample : I5589-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106-T(0-5)

Quant Time: Oct 05 05:45:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140065	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	591364	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	270127	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	470686	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	312900	20.00	ng	-0.06
86) Perylene-d12	15.50	264	237447	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1135805	129.09	ng	-0.05
7) Phenol-d6	6.50	99	1417247	130.57	ng	-0.05
23) Nitrobenzene-d5	7.43	82	851392	92.33	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	294515	133.24	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1452522	89.77	ng	-0.06
78) Terphenyl-d14	12.97	244	1265378	91.97	ng	-0.06
Target Compounds						Qvalue
10) Phenol	6.51	94	36760	3.028	ng	93
49) Dimethylphthalate	9.61	163	296593	14.548	ng	99

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

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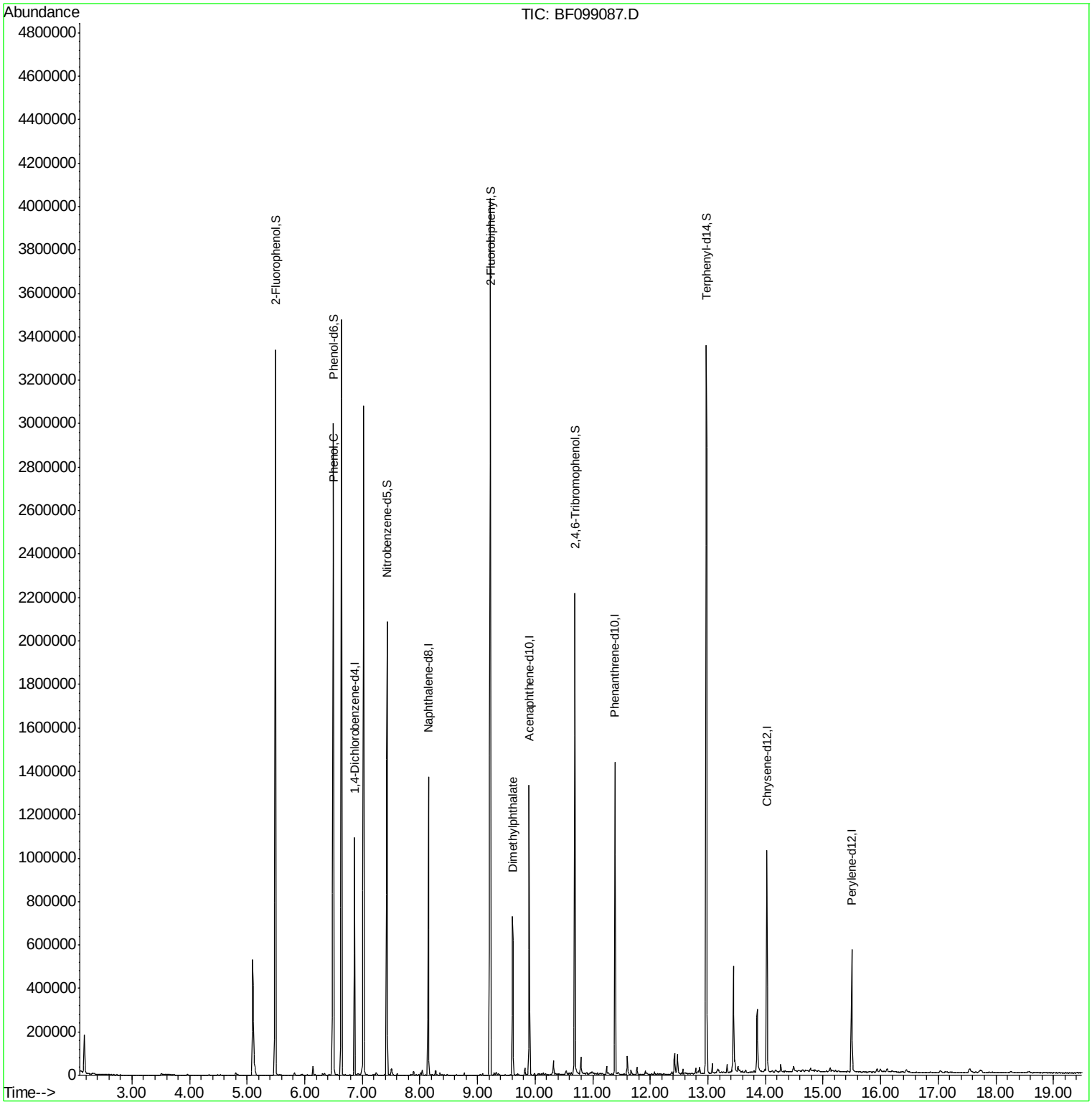
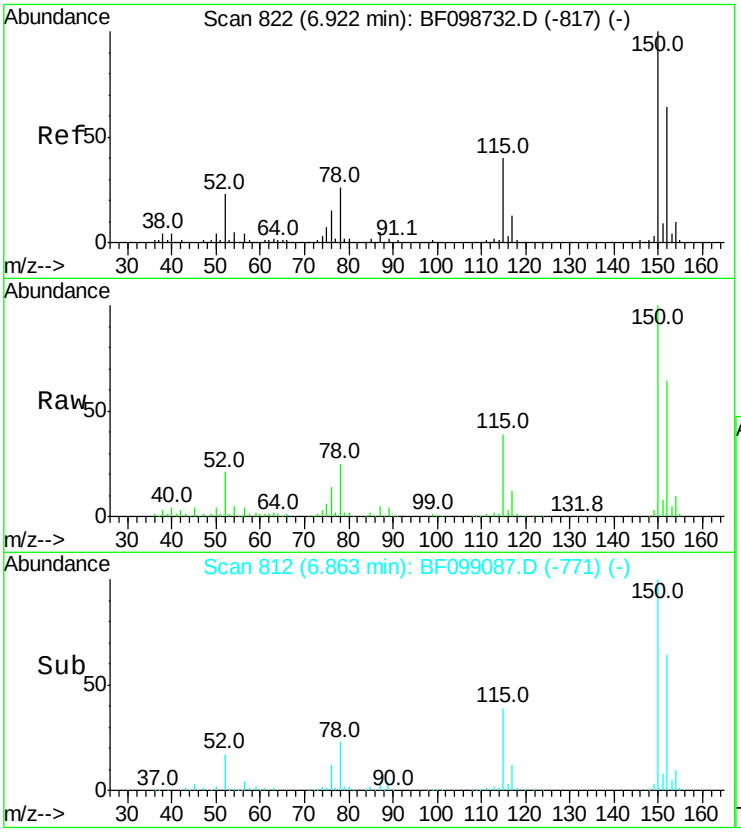


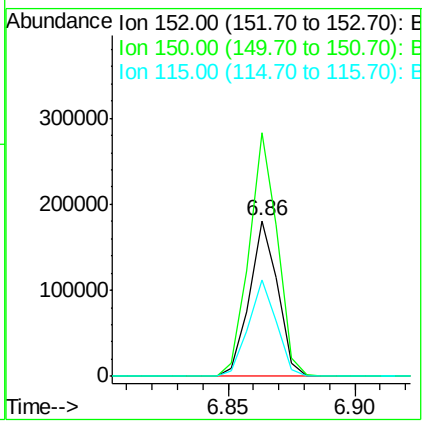


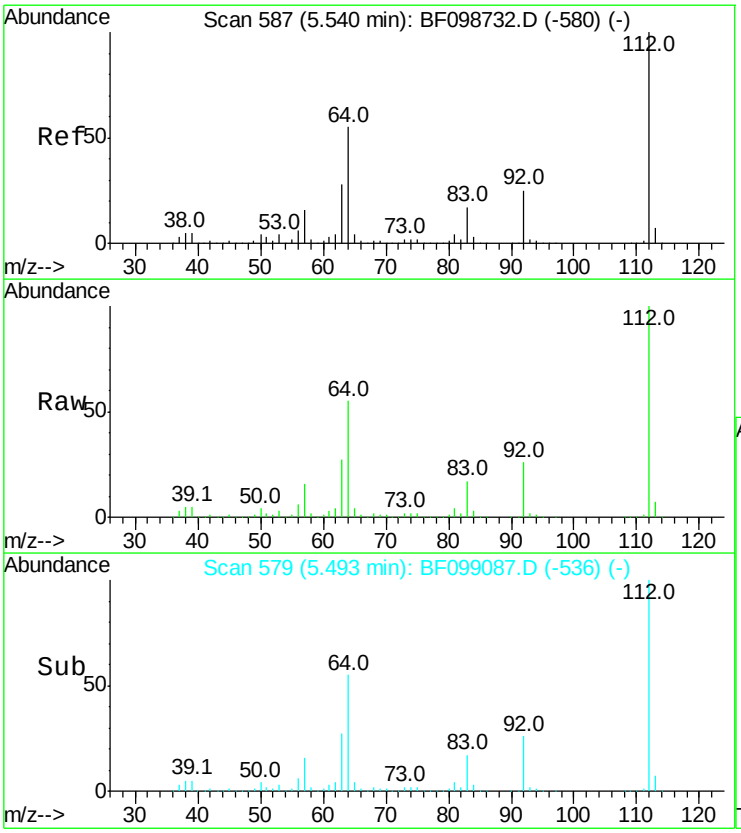
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-T(0-5)

Tgt Ion:152 Resp: 140065

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	61.5	50.1	75.1

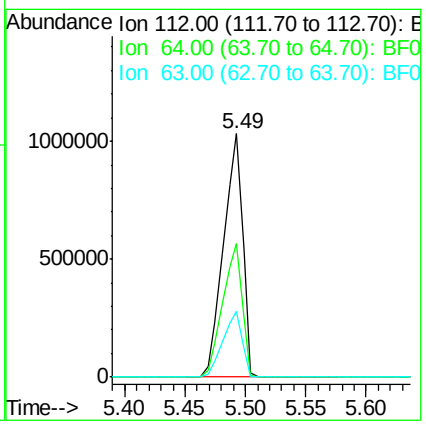


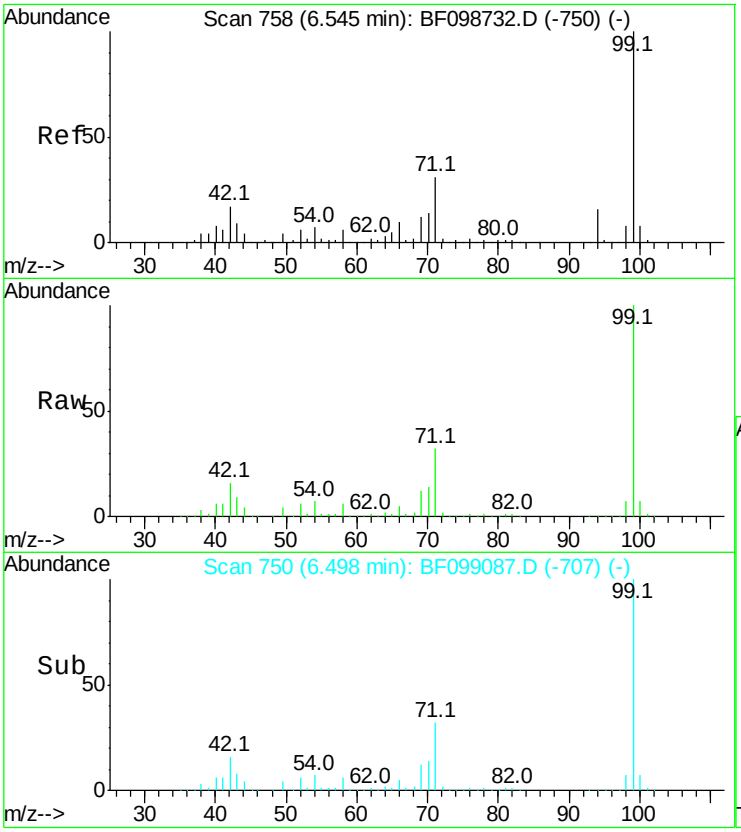


#5
2-Fluorophenol
Concen: 129.089 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion:112 Resp: 1135805

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	27.1	23.7	35.5



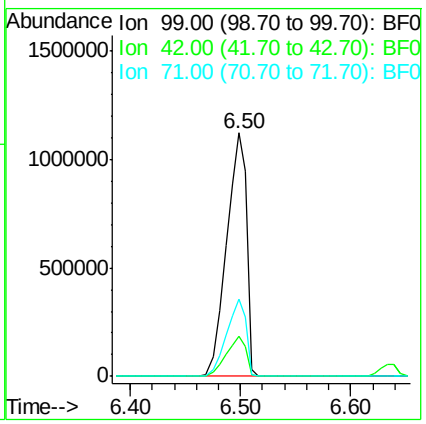


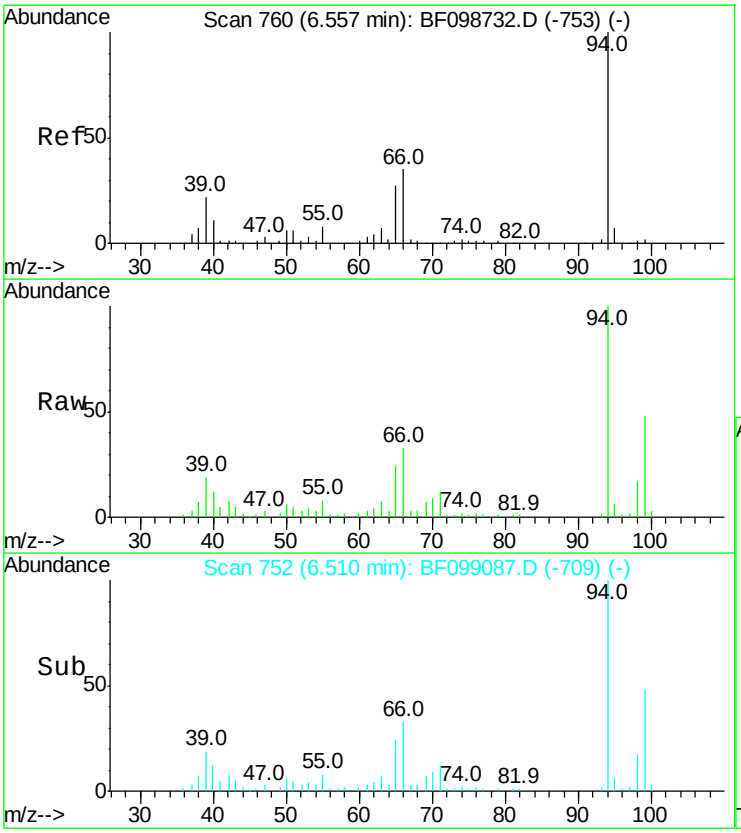
#7
Phenol-d6
Concen: 130.573 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.05 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-T(0-5)

Tgt Ion: 99 Resp: 1417247

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	31.5	25.4	38.0

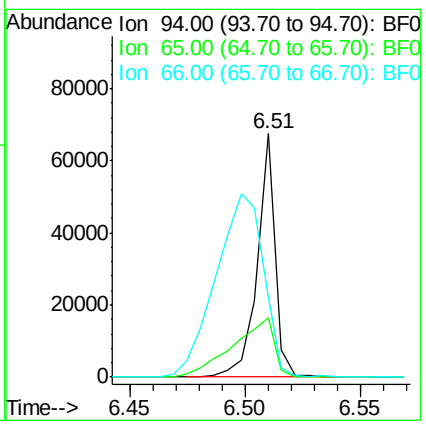


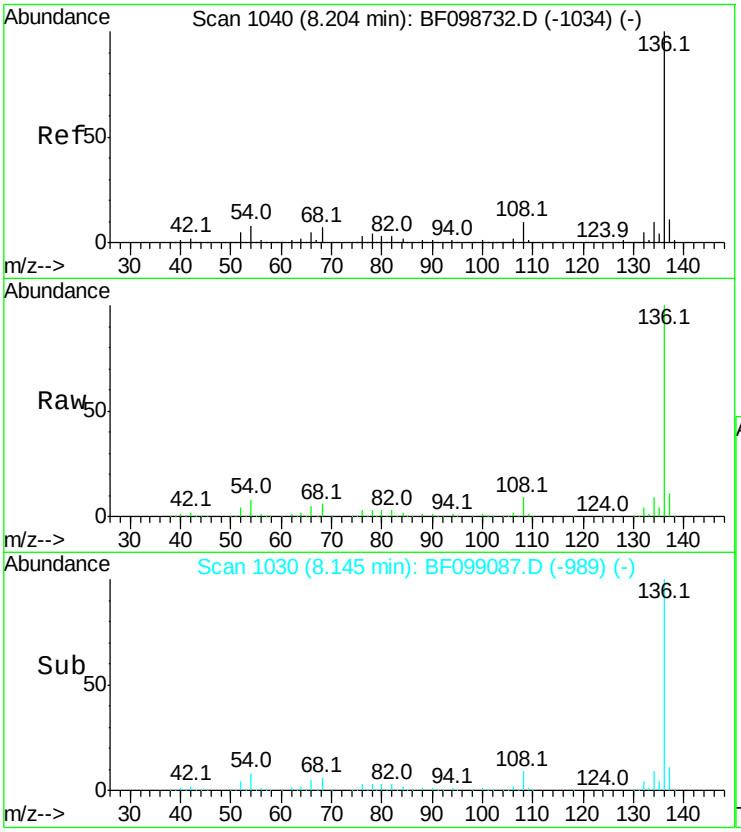


#10
Phenol
Concen: 3.028 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.05 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion: 94 Resp: 36760

Ion	Ratio	Lower	Upper
94	100		
65	24.3	7.9	47.9
66	32.5	16.2	56.2



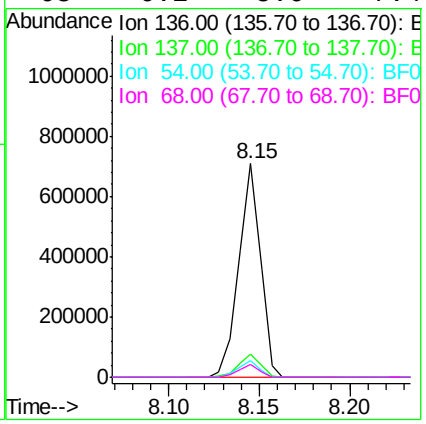


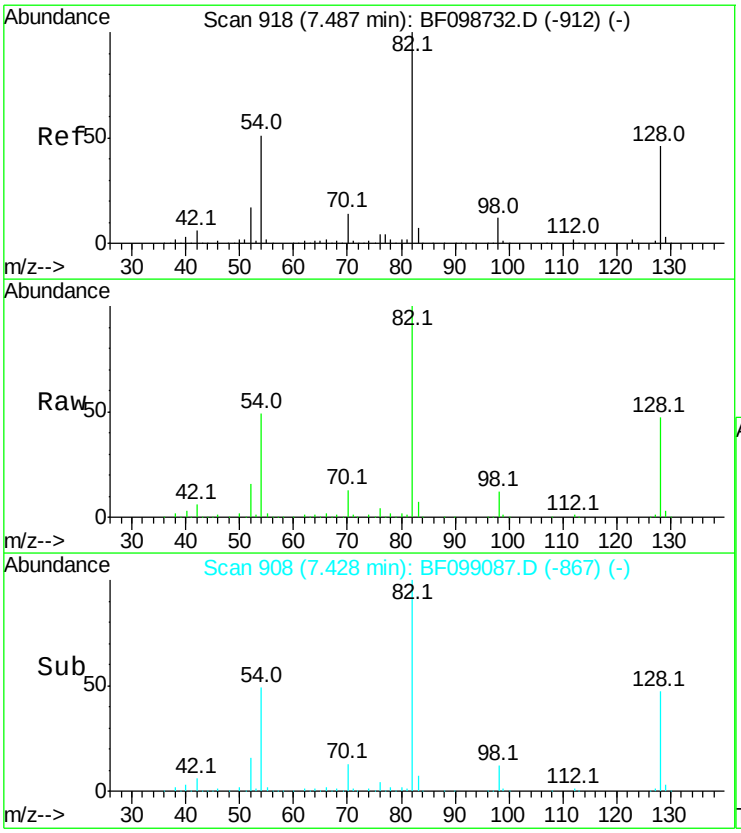
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-T(0-5)

Tgt Ion:136 Resp: 591364

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	6.6	9.8
68	6.2	5.0	7.4

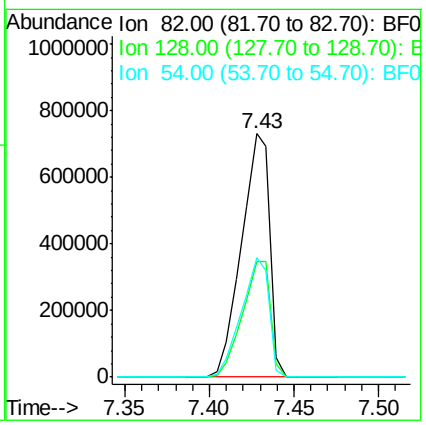


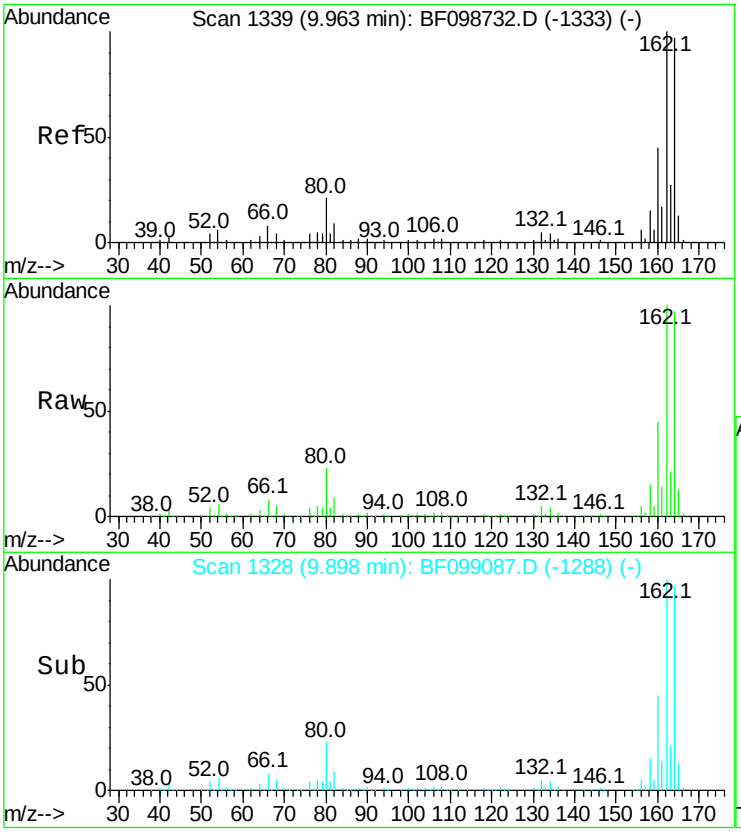


#23
Nitrobenzene-d5
Concen: 92.329 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion: 82 Resp: 851392

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	48.8	41.4	62.2



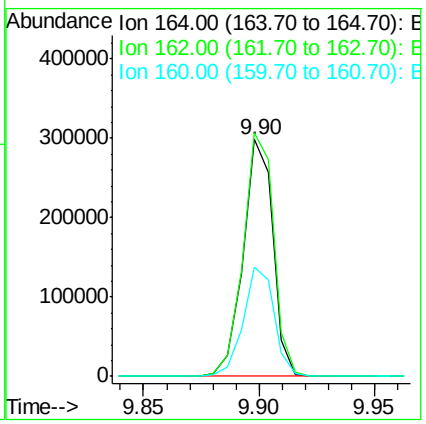


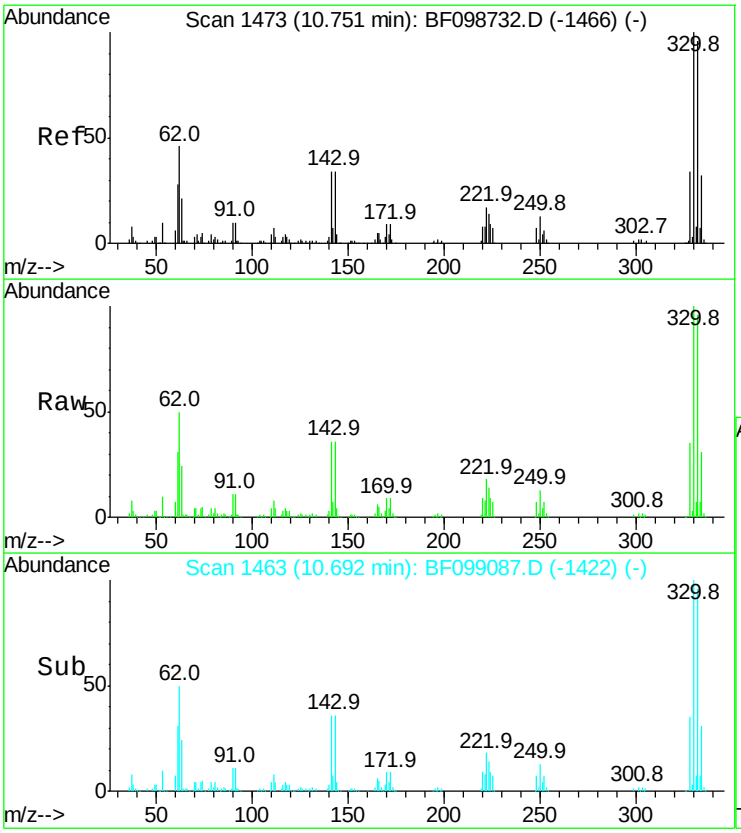
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-T(0-5)

Tgt Ion:164 Resp: 270127

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.2	38.3	57.5

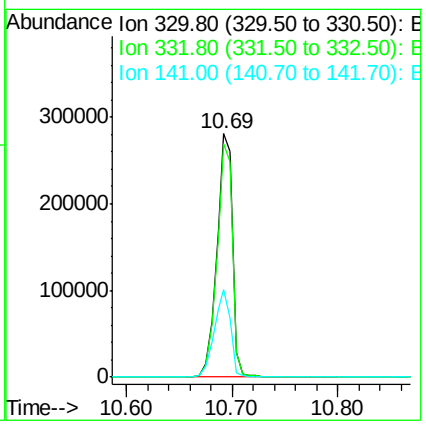


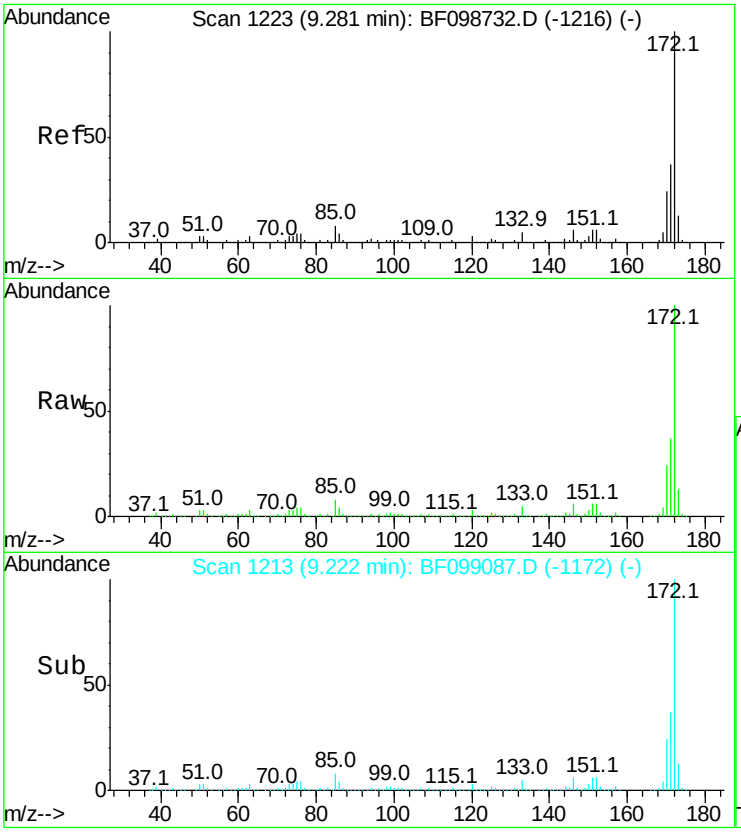


#41
2,4,6-Tribromophenol
Concen: 133.242 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion:330 Resp: 294515

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.6	29.9	44.9



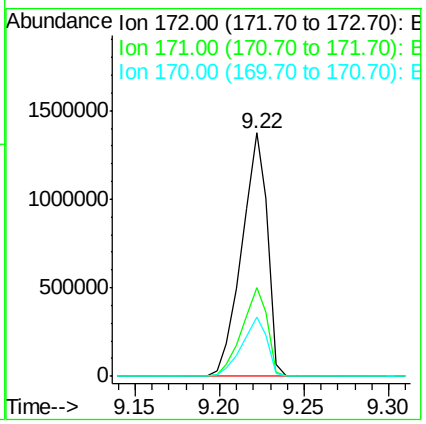


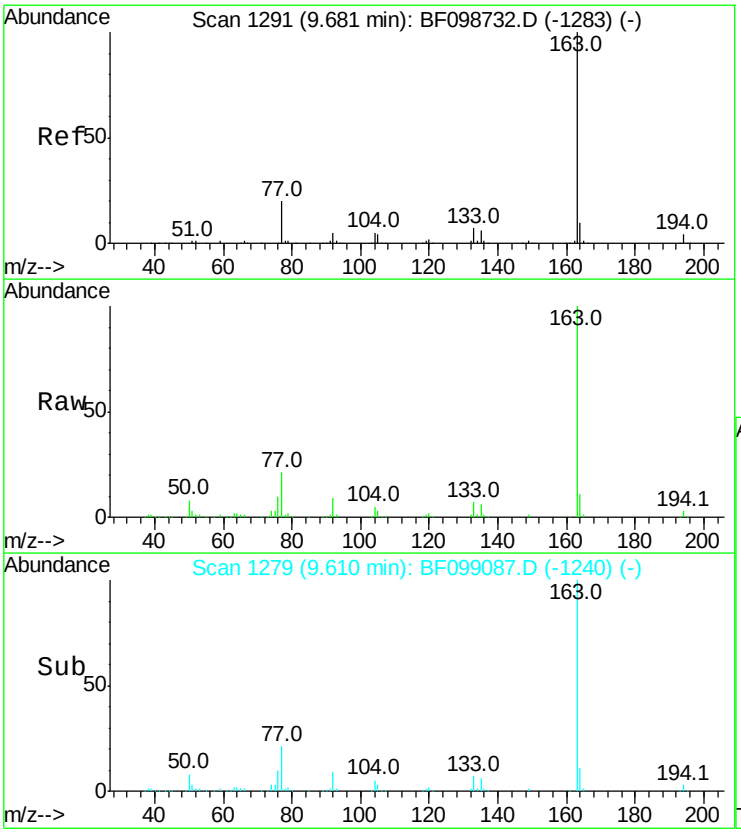
#44
2-Fluorobiphenyl
Concen: 89.768 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-T(0-5)

Tgt Ion:172 Resp: 1452522

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

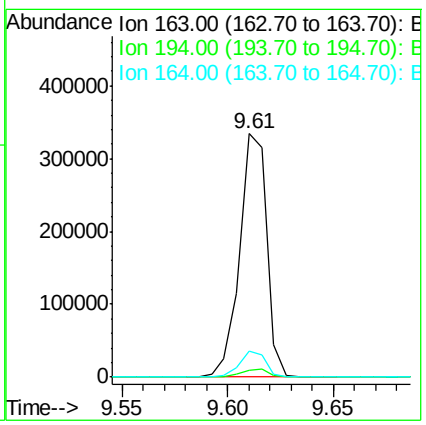


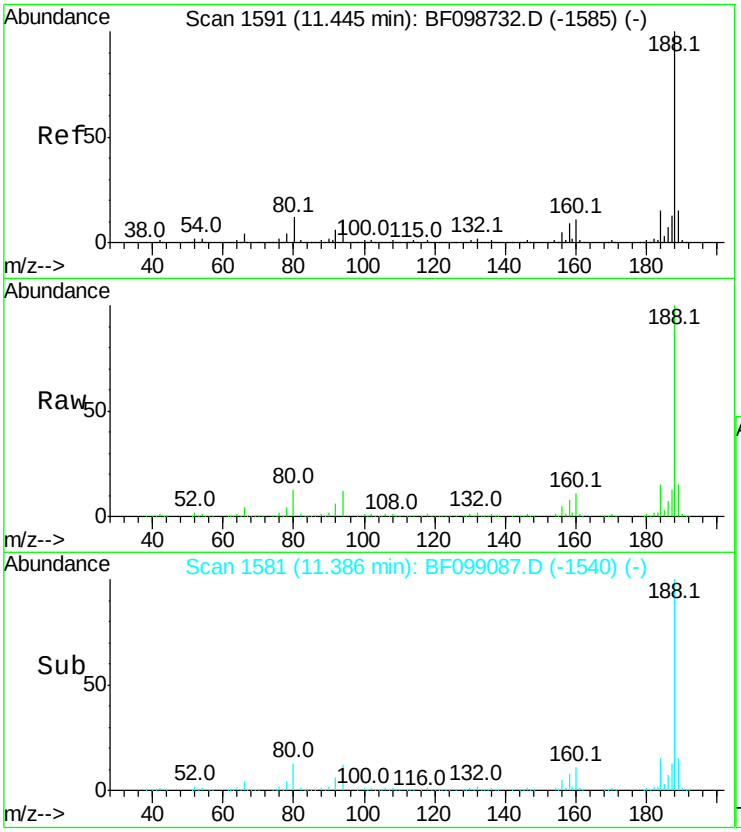


#49
Dimethylphthalate
Concen: 14.548 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion:163 Resp: 296593

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.8	8.2	12.2



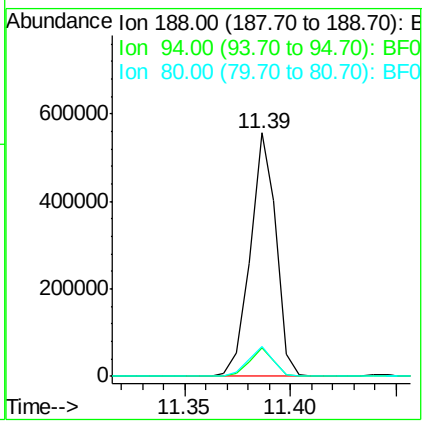


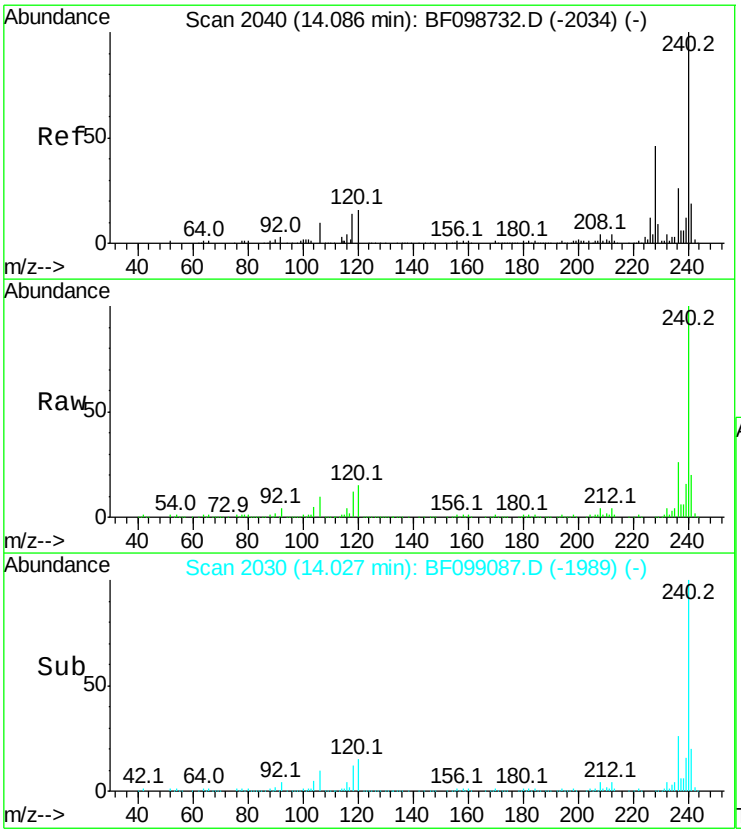
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-T(0-5)

Tgt Ion:188 Resp: 470686

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.5	9.2	13.8

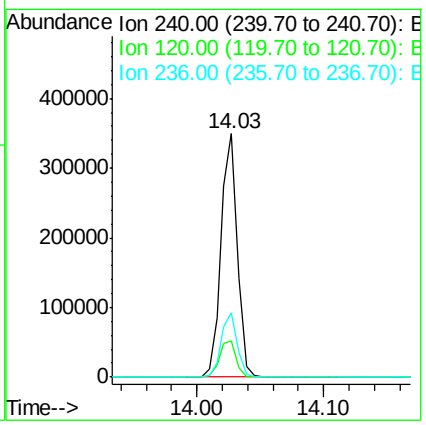


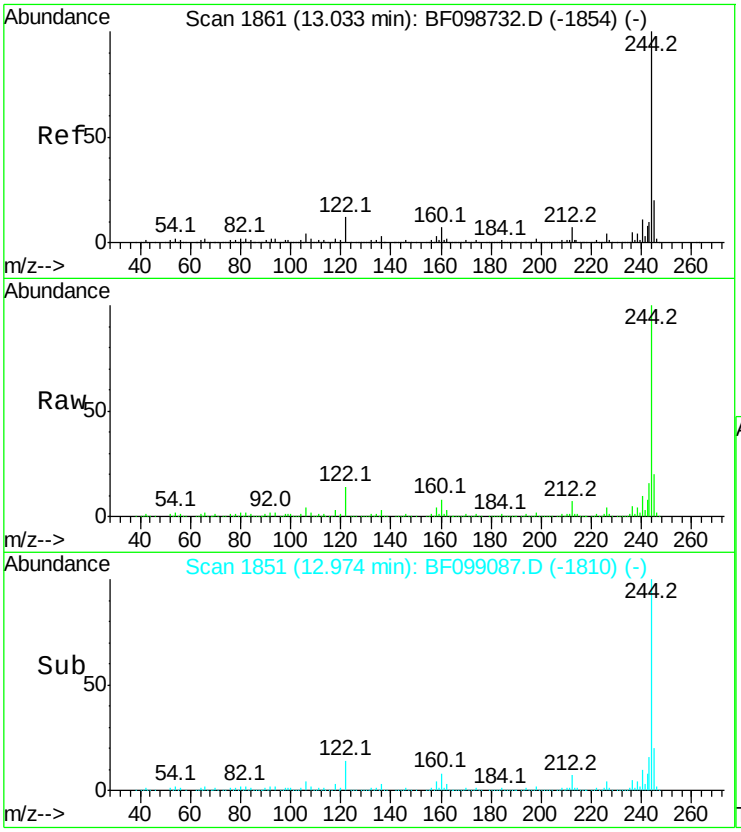


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion:240 Resp: 312900

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.5	20.7	31.1



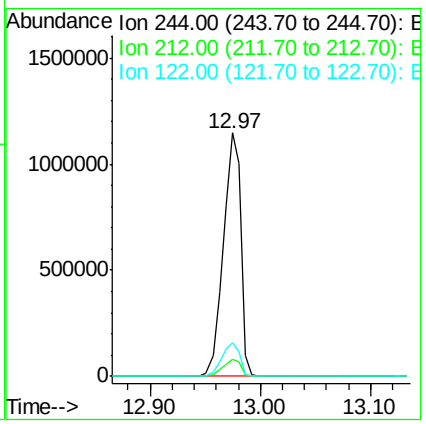


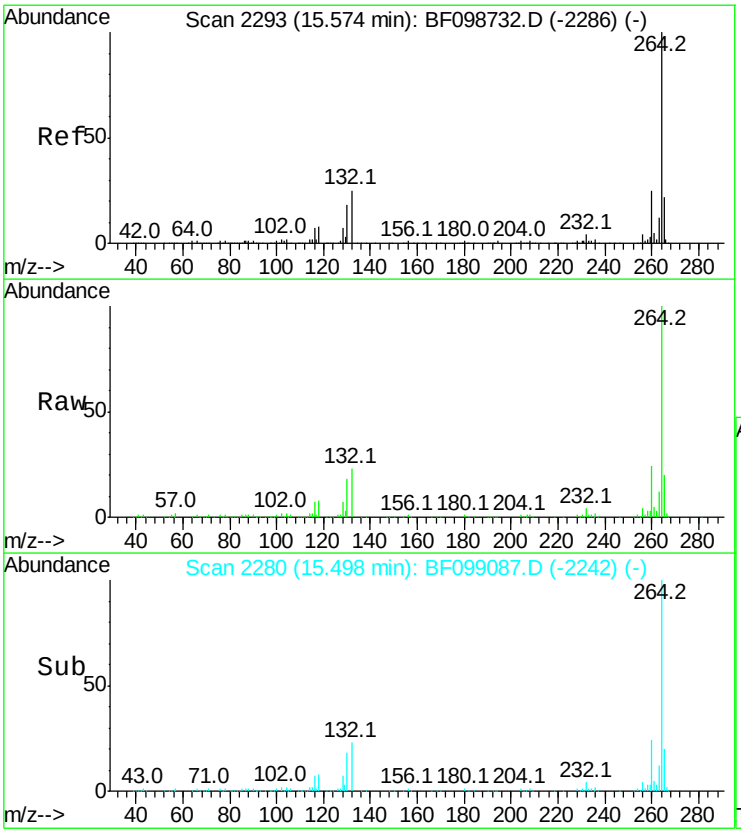
#78
Terphenyl-d14
Concen: 91.969 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-T(0-5)

Tgt Ion:244 Resp: 1265378

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.08 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion:264 Resp: 237447

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.5	17.5	26.3