Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099621.D
Acq On : 18 Oct 2017 17:04
Operator : SJ/JU
Sample : PB103365BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB103365BL

Quant Time: Oct 18 22:26:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	99006	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	419088	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	196116	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	365112	20.00	ng	0.00
75) Chrysene-d12	13.99	240	309308	20.00	ng	0.00
86) Perylene-d12	15.45	264	247110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	747416	120.18	ng	0.01
7) Phenol-d6	6.47	99	879912	114.69	ng	0.00
23) Nitrobenzene-d5	7.39	82	534959	81.86	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	205814	128.25	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1050425	89.42	ng	0.00
78) Terphenyl-d14	12.93	244	999531	73.49	ng	0.00

Target Compounds	Qvalue

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

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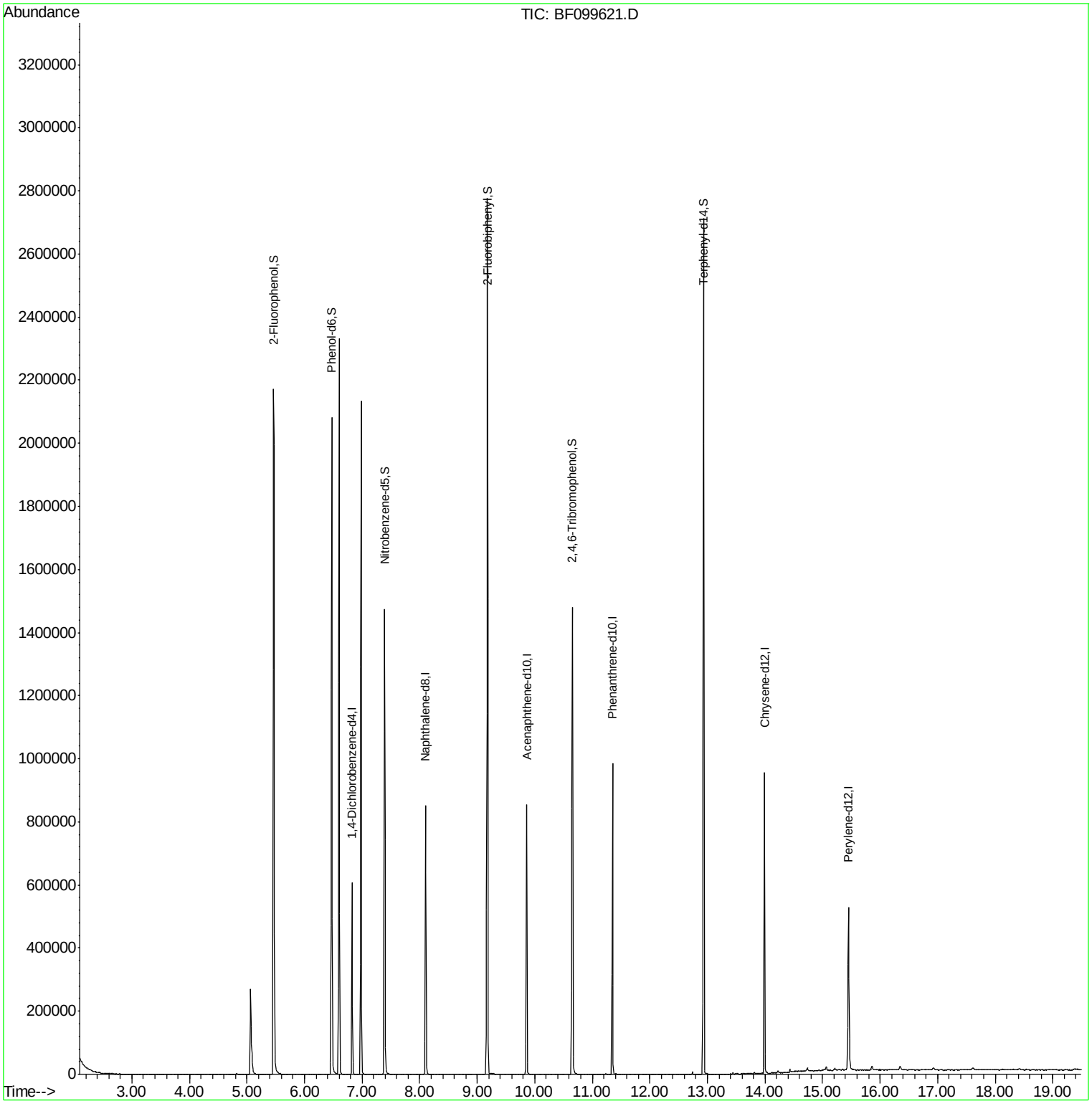
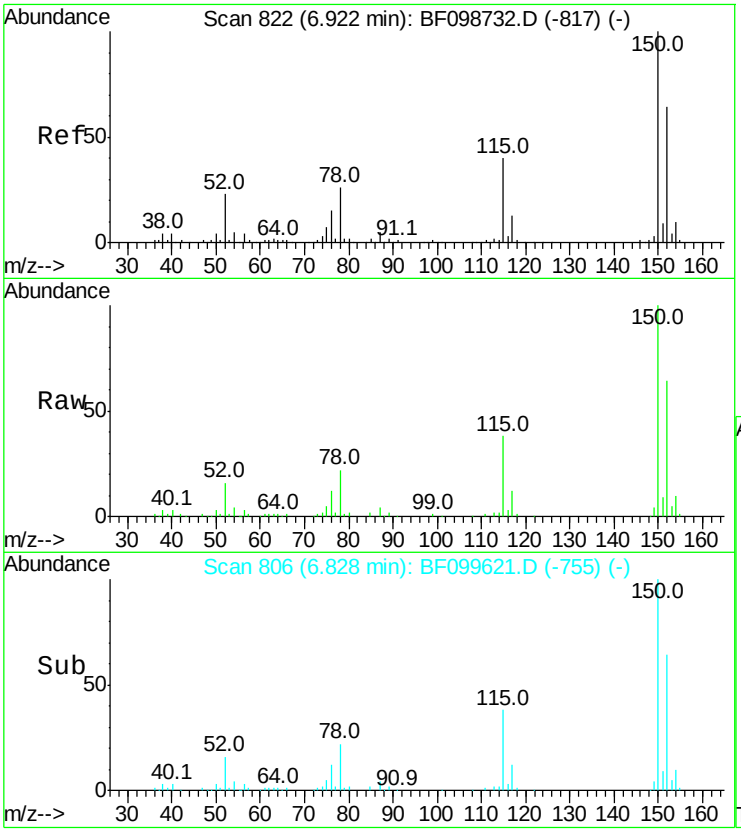


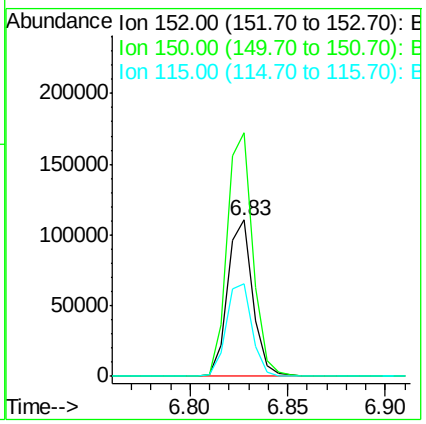


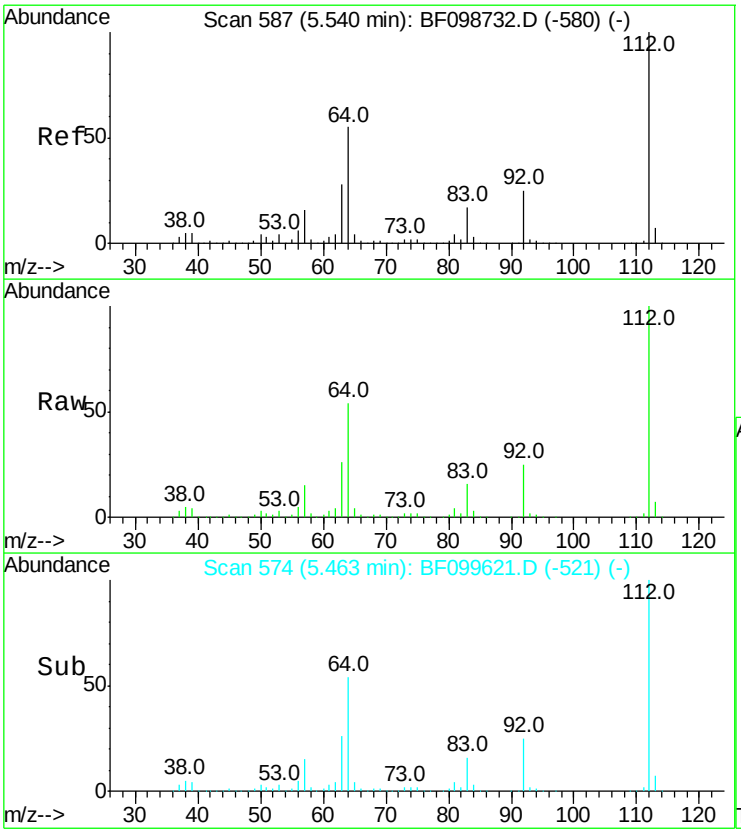
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PB103365BL

Tgt Ion:152 Resp: 99006

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.1	50.1	75.1

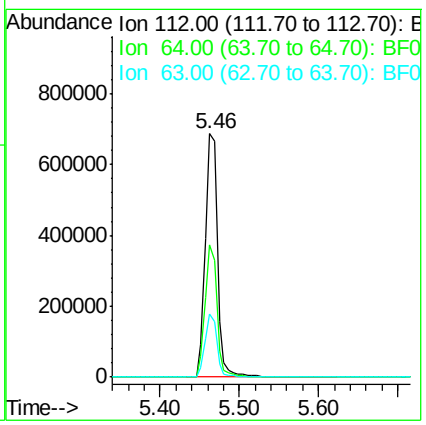


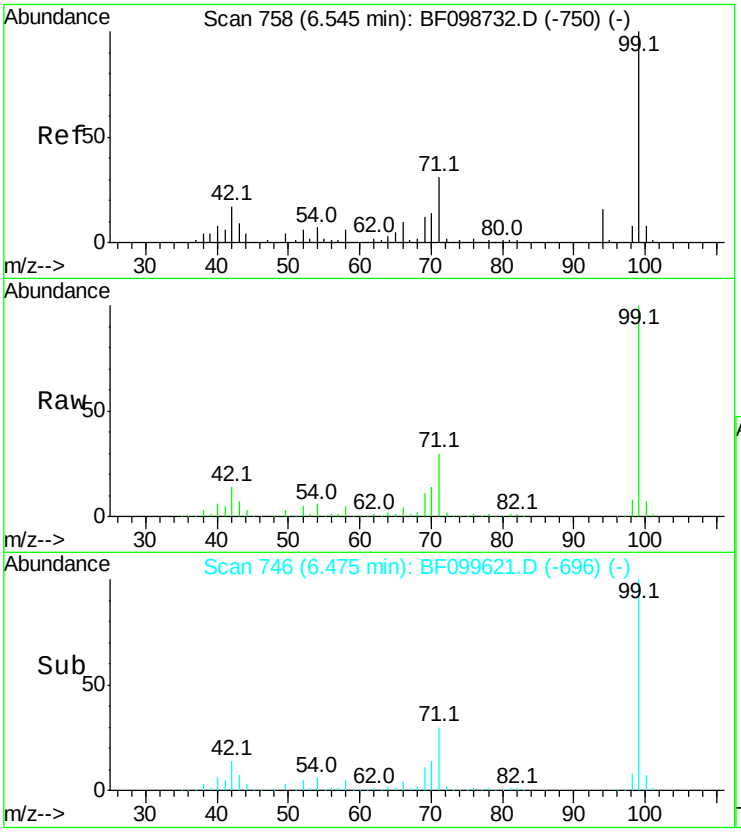


#5
2-Fluorophenol
Concen: 120.176 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Tgt Ion:112 Resp: 747416

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	25.9	23.7	35.5



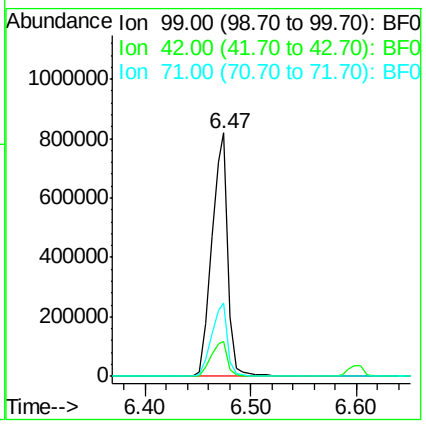


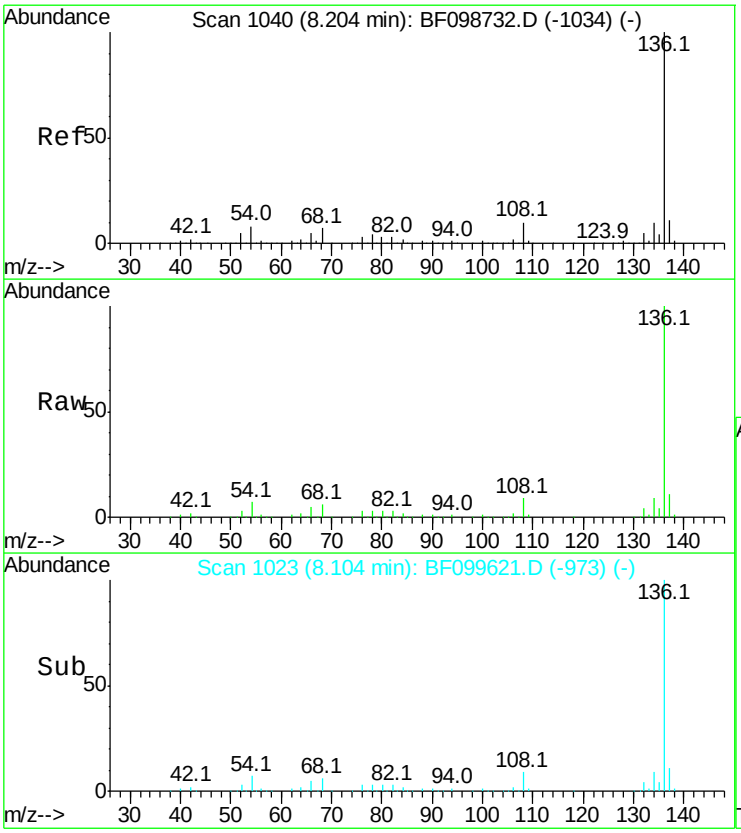
#7
Phenol-d6
Concen: 114.687 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PB103365BL

Tgt Ion: 99 Resp: 879912

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7#
71	30.3	25.4	38.0

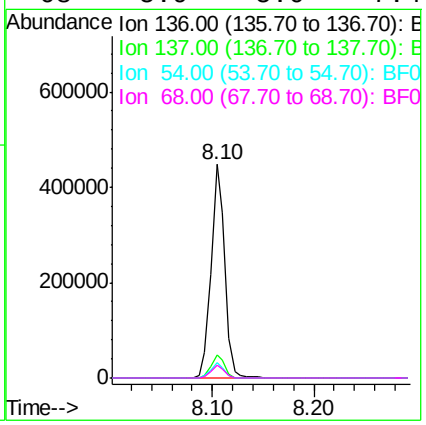


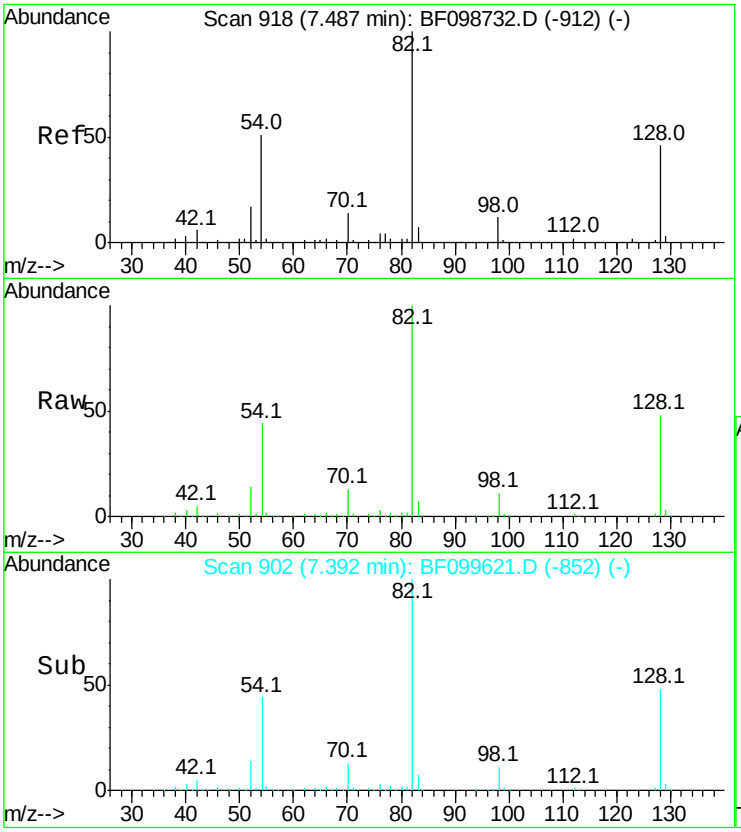


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Tgt Ion:136 Resp: 419088

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	5.9	5.0	7.4



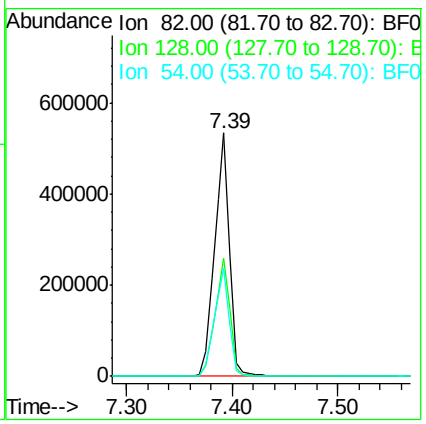


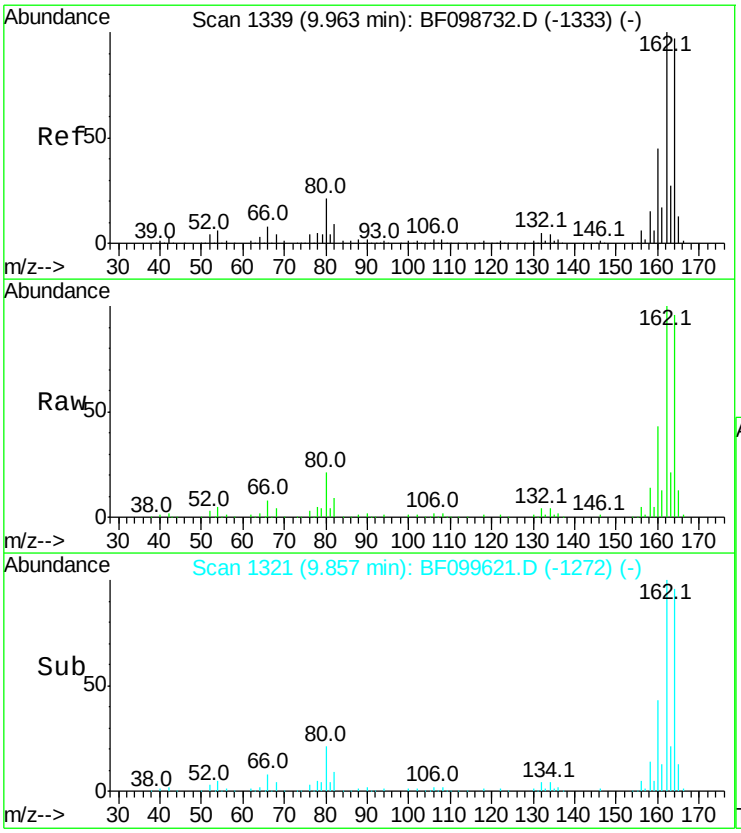
#23
Nitrobenzene-d5
Concen: 81.861 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PB103365BL

Tgt Ion: 82 Resp: 534959

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	44.3	41.4	62.2

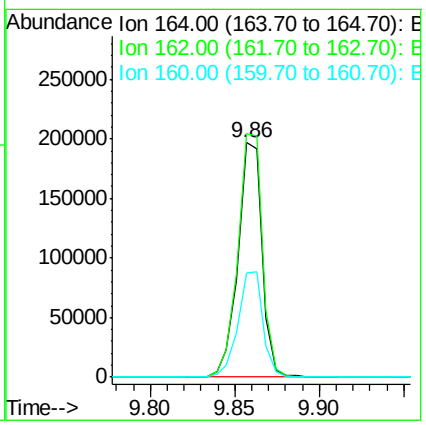


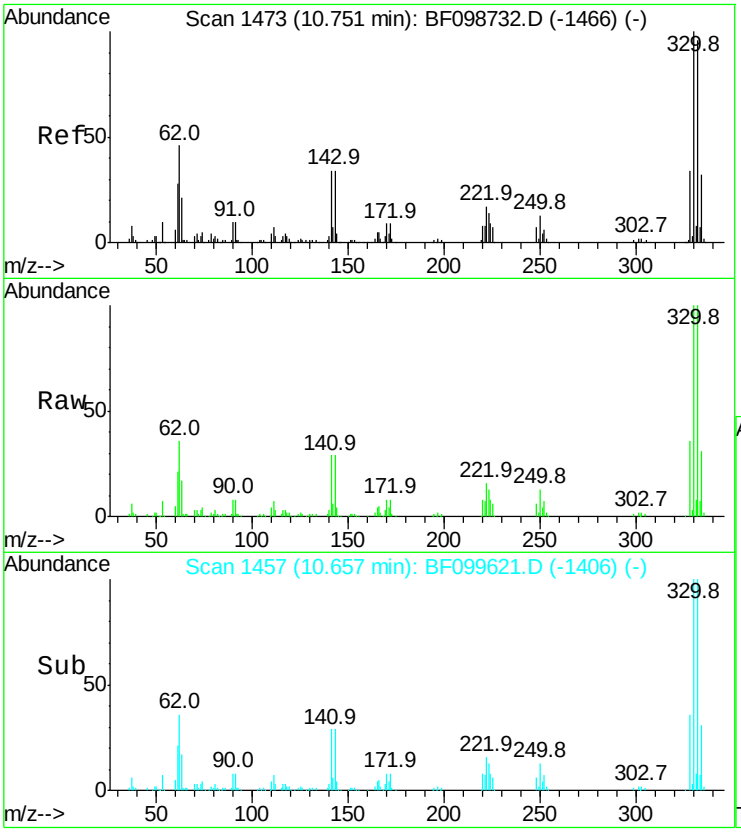


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Tgt Ion:164 Resp: 196116

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	44.4	38.3	57.5



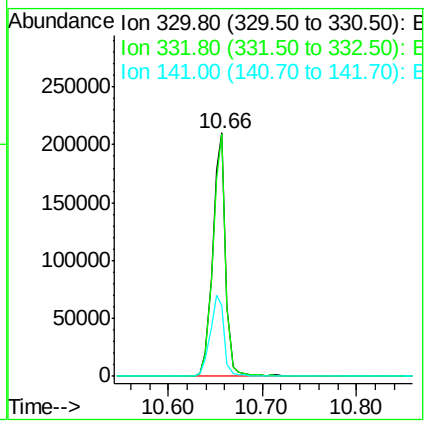


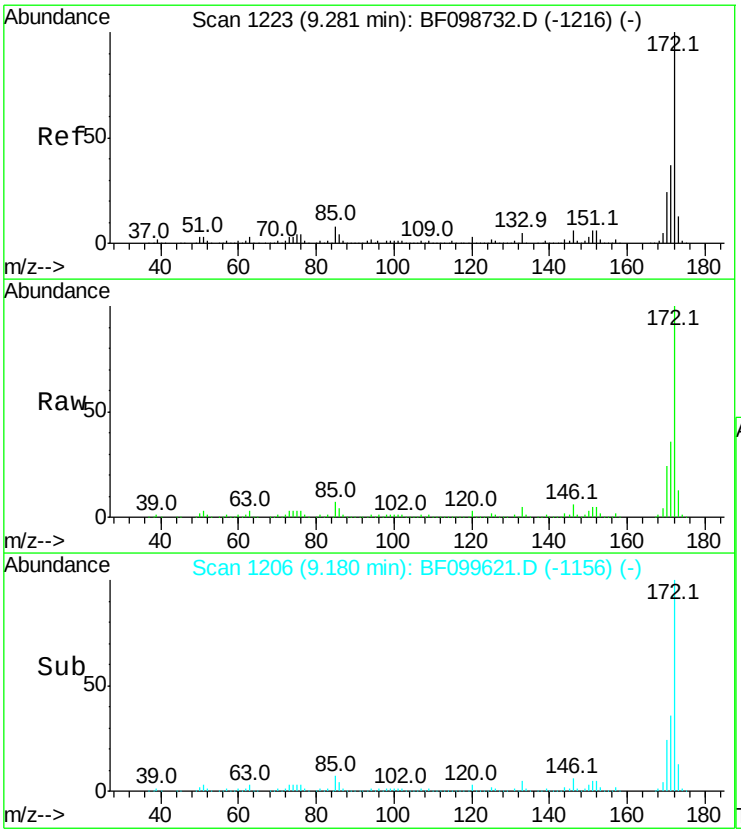
#41
2,4,6-Tribromophenol
Concen: 128.252 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PB103365BL

Tgt Ion:330 Resp: 205814

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	35.9	29.9	44.9

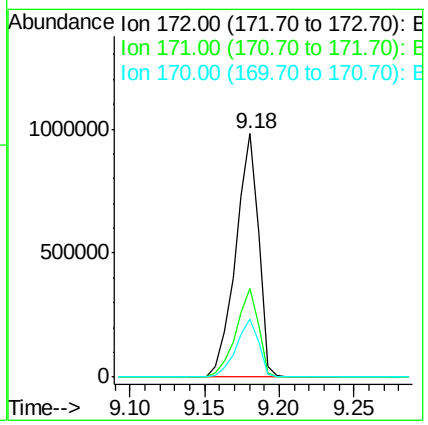


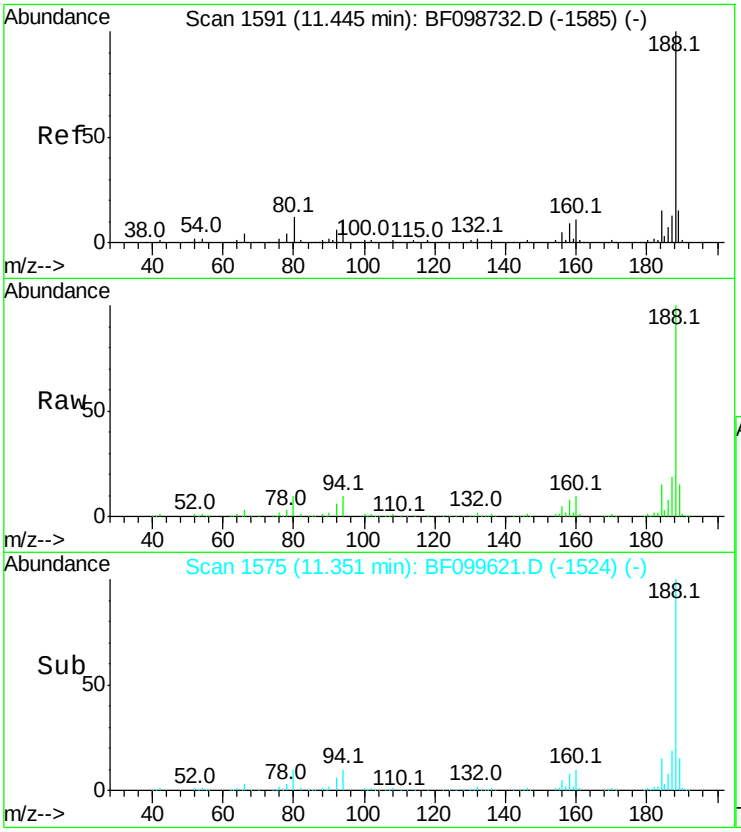


#44
2-Fluorobiphenyl
Concen: 89.416 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Tgt Ion:172 Resp: 1050425

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4



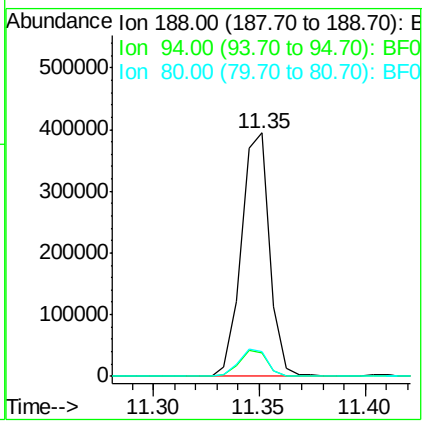


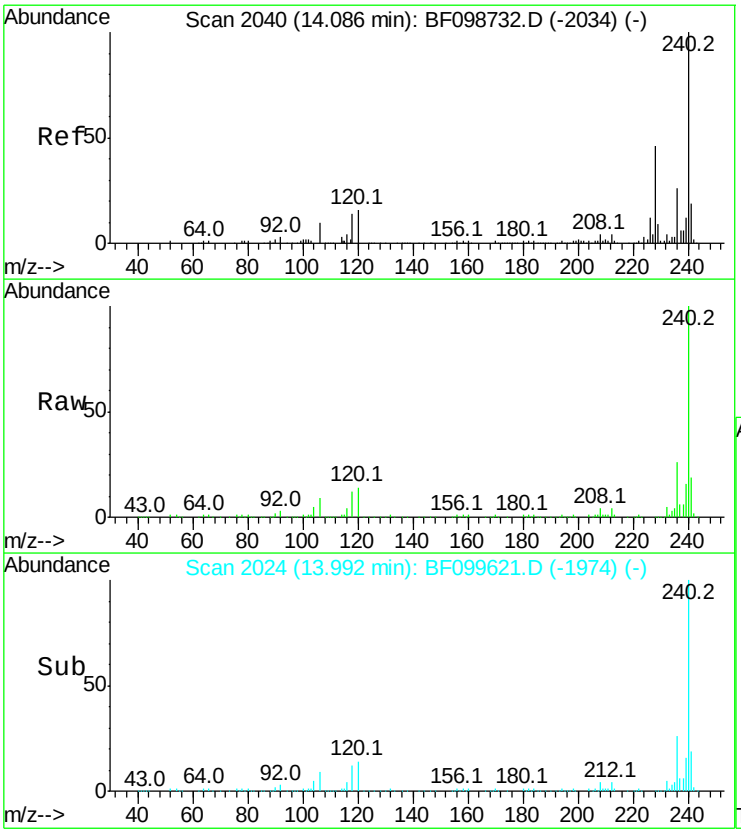
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PB103365BL

Tgt Ion:188 Resp: 365112

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.0	9.2	13.8

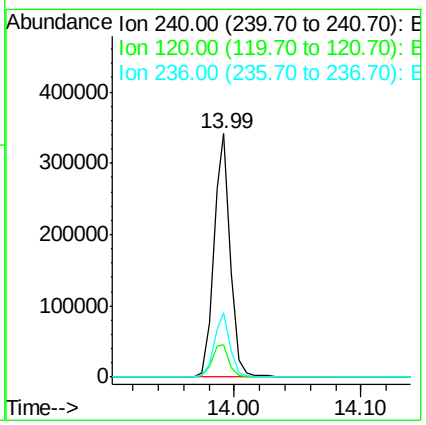


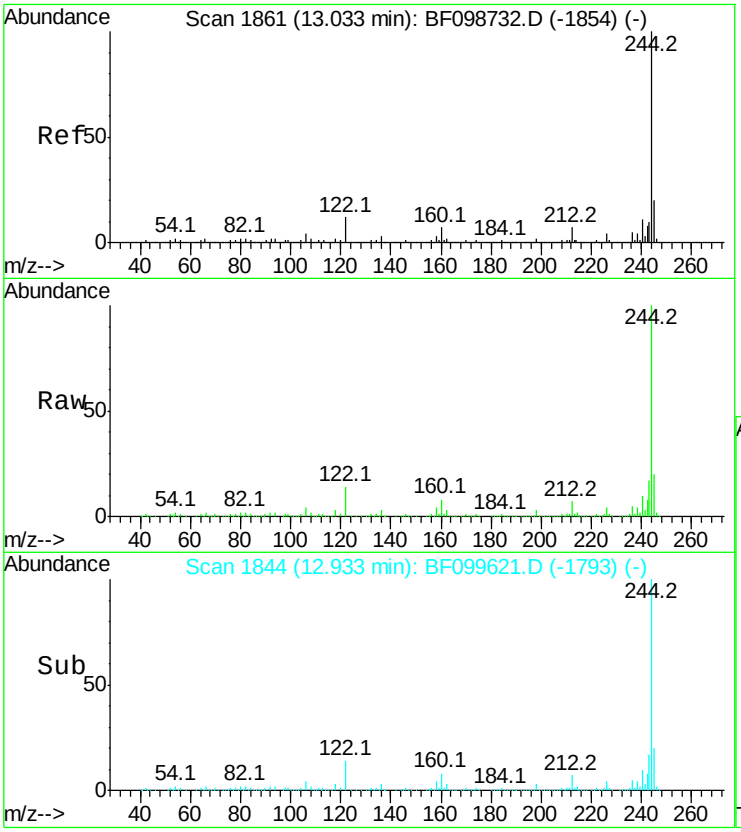


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Tgt Ion:240 Resp: 309308

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.2	20.7	31.1



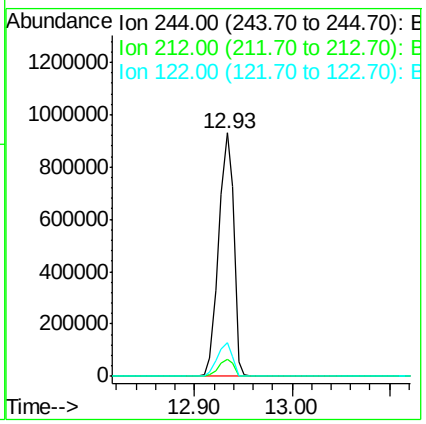


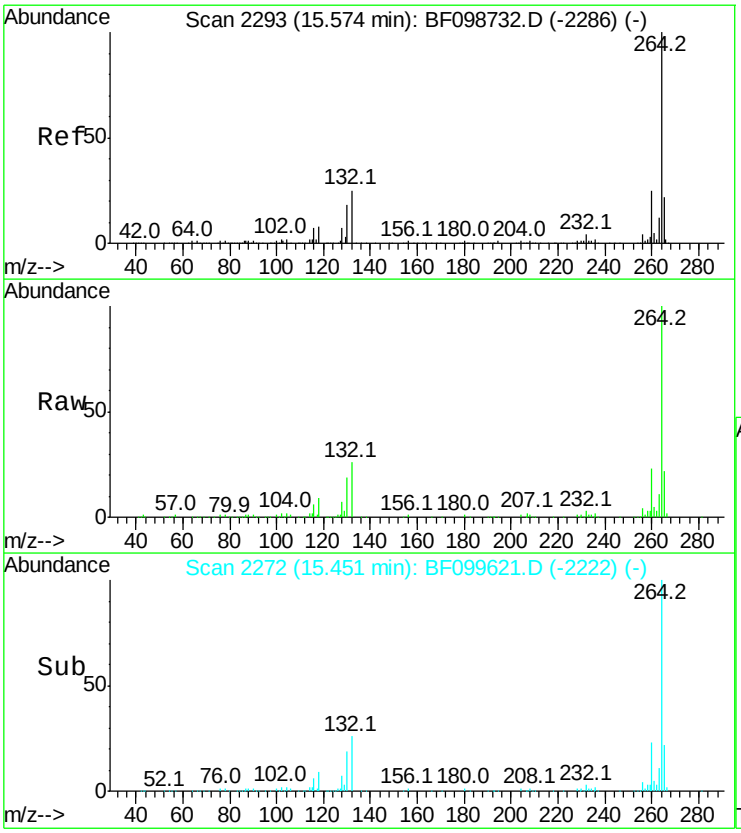
#78
Terphenyl-d14
Concen: 73.491 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PB103365BL

Tgt Ion:244 Resp: 999531

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Tgt Ion:264 Resp: 247110

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.5	26.3