Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099637.D
Acq On : 19 Oct 2017 00:29
Operator : SJ/JU
Sample : I5943-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 19 16:19:22 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 22:24:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	90025	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	317769	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	118181	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	200216	20.00	ng		0.00
75) Chrysene-d12	14.00	240	199231	20.00	ng		0.00
86) Perylene-d12	15.46	264	150375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	273701	48.40	ng		0.00
7) Phenol-d6	6.47	99	309294	44.33	ng		-0.01
23) Nitrobenzene-d5	7.39	82	167511	33.81	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	46902	48.50	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	316509	44.71	ng		0.00
78) Terphenyl-d14	12.93	244	278909	31.84	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	20565	4.617	ng	#	72
25) Isophorone	7.39	82	167510	16.351	ng	#	64
50) 2,6-Dinitrotoluene	9.86	165	15500	7.982	ng	#	24
56) 2,4-Dinitrotoluene	9.86	165	15500	6.150	ng	#	21
70) Phenanthrene	11.37	178	58119	5.423	ng		99
71) Anthracene	11.43	178	25800	2.353	ng		98
74) Fluoranthene	12.56	202	235059	21.660	ng		99
77) Pyrene	12.80	202	196893	12.960	ng		98
80) Benzo(a)anthracene	13.99	228	108290	8.976	ng		99
82) Chrysene	14.02	228	98046	8.537	ng		98
85) Indeno(1,2,3-cd)pyrene	16.94	276	29670	3.229	ng		99
87) Benzo(b)fluoranthene	15.03	252	134095	14.504	ng	#	90
88) Benzo(k)fluoranthene	15.03	252	134095	14.684	ng	#	93
89) Benzo(a)pyrene	15.40	252	62488	7.363	ng	#	92
91) Benzo(g,h,i)perylene	17.39	276	26451	3.940	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
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Acq On : 19 Oct 2017 00:29
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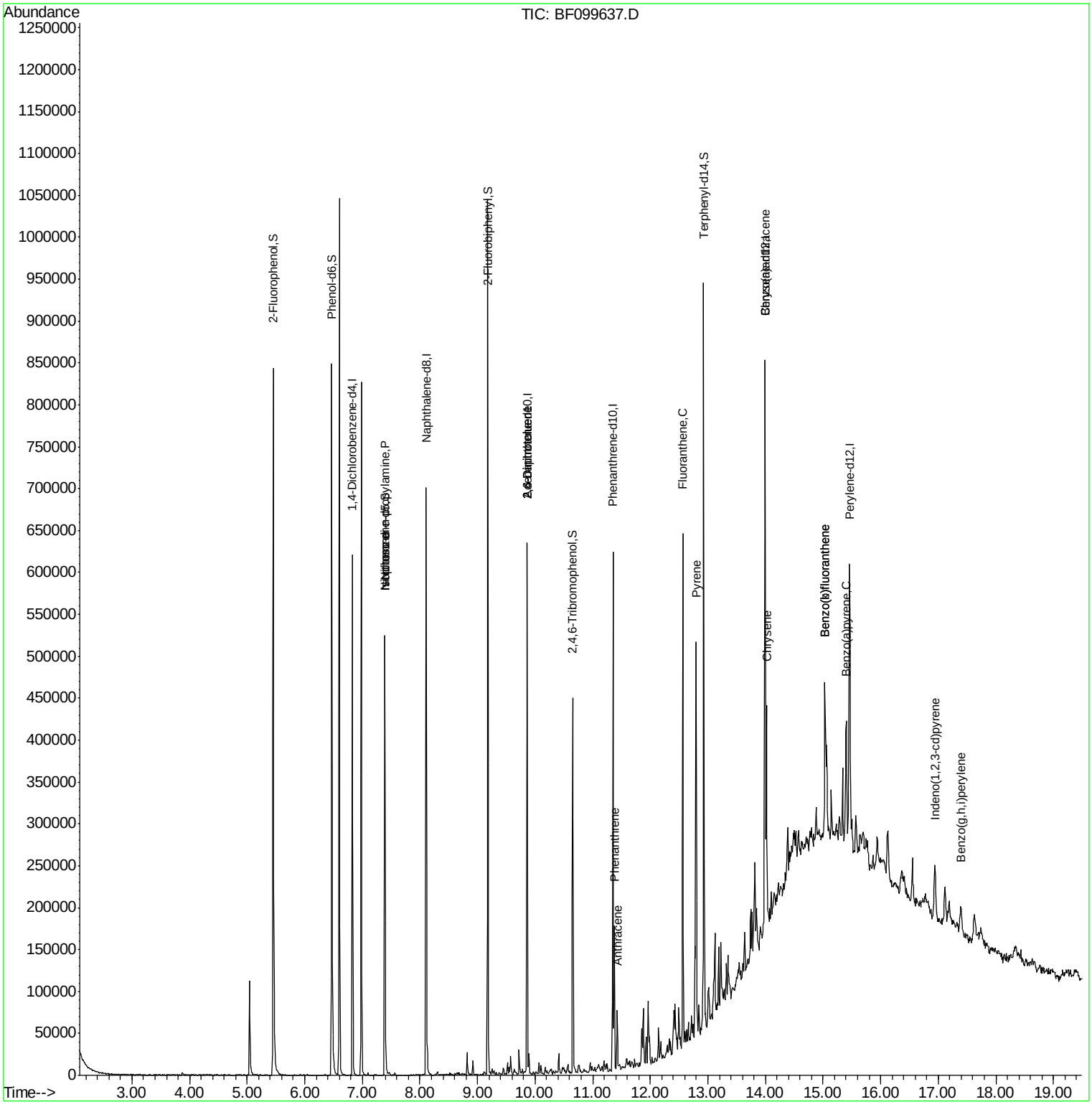
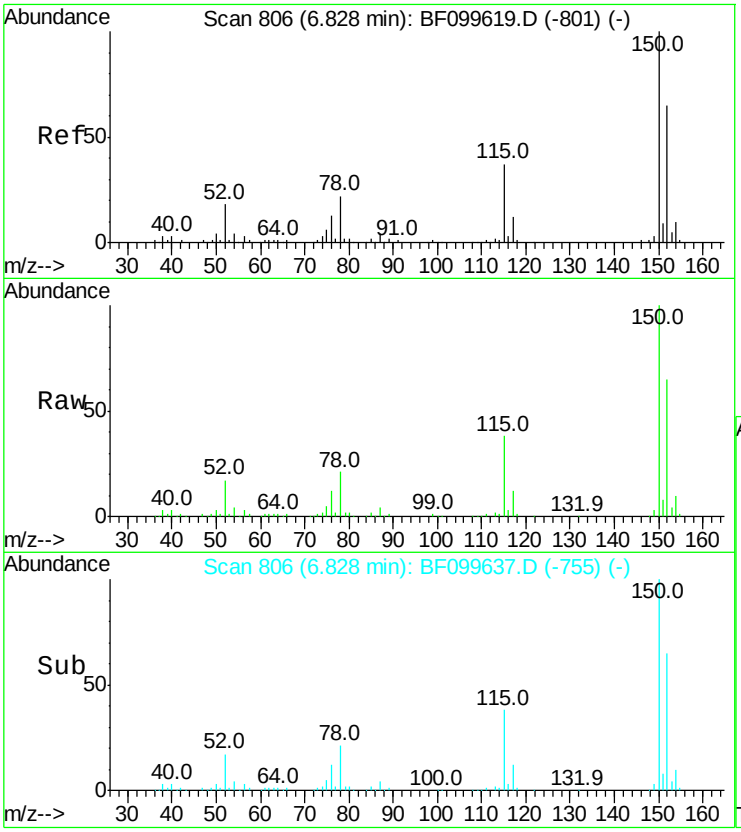
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 19 16:19:22 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 22:24:53 2017
Response via : Initial Calibration



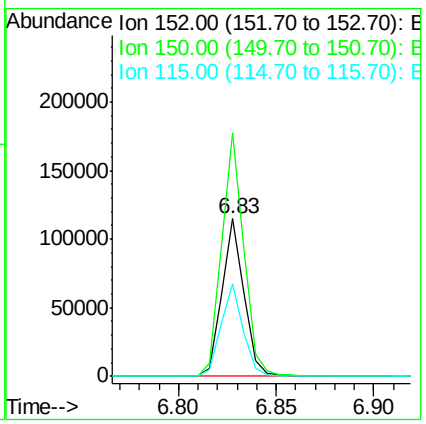


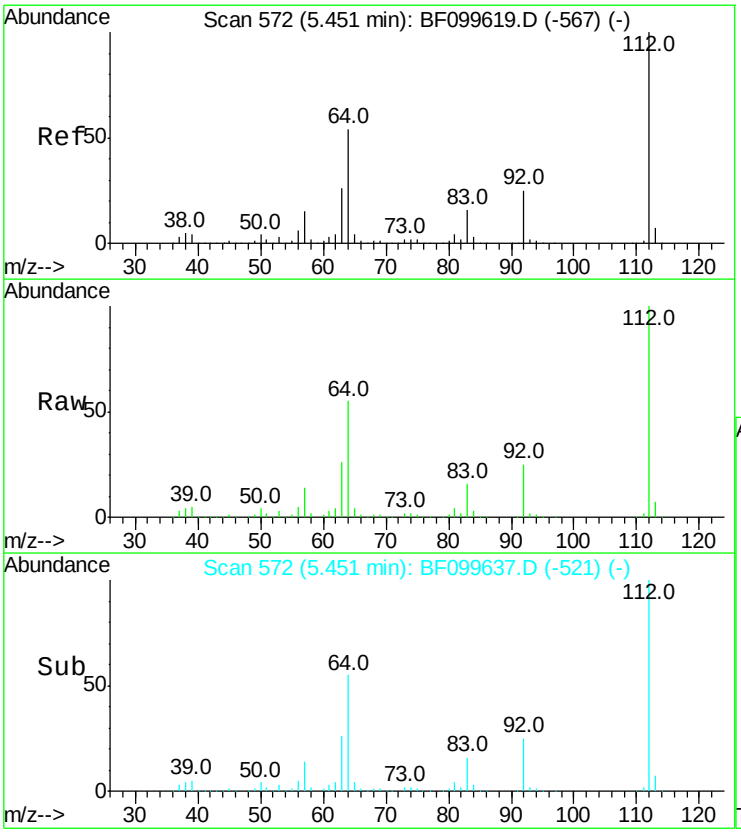
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 90025

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	58.5	50.1	75.1

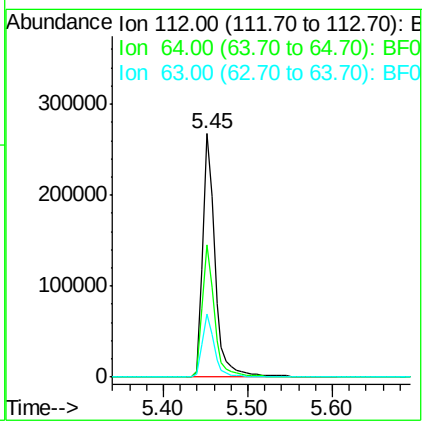


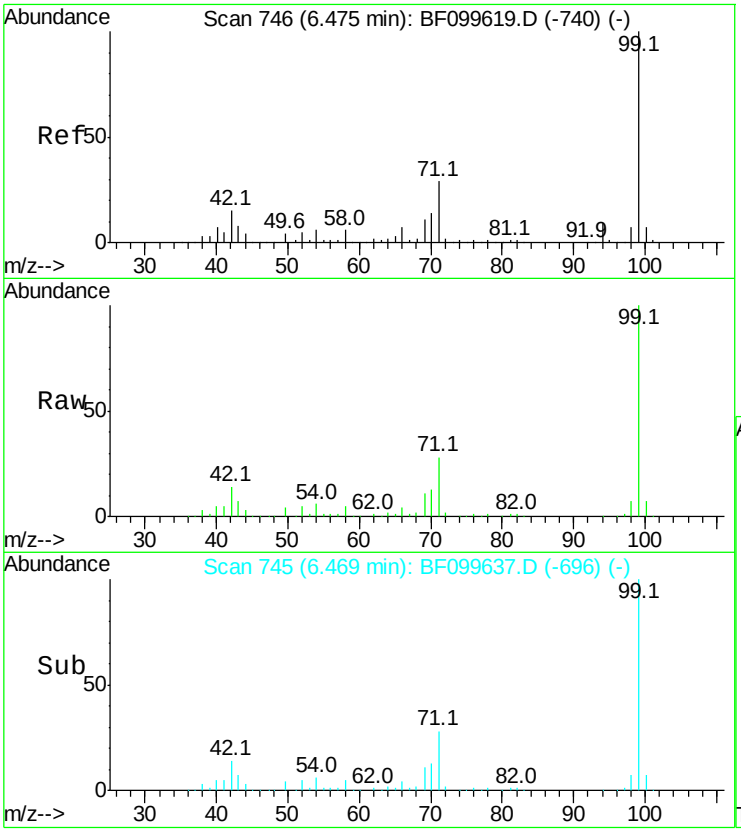


#5
2-Fluorophenol
Concen: 48.398 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:112 Resp: 273701

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	26.1	23.7	35.5



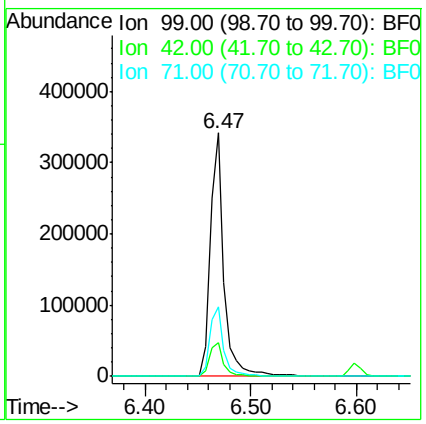


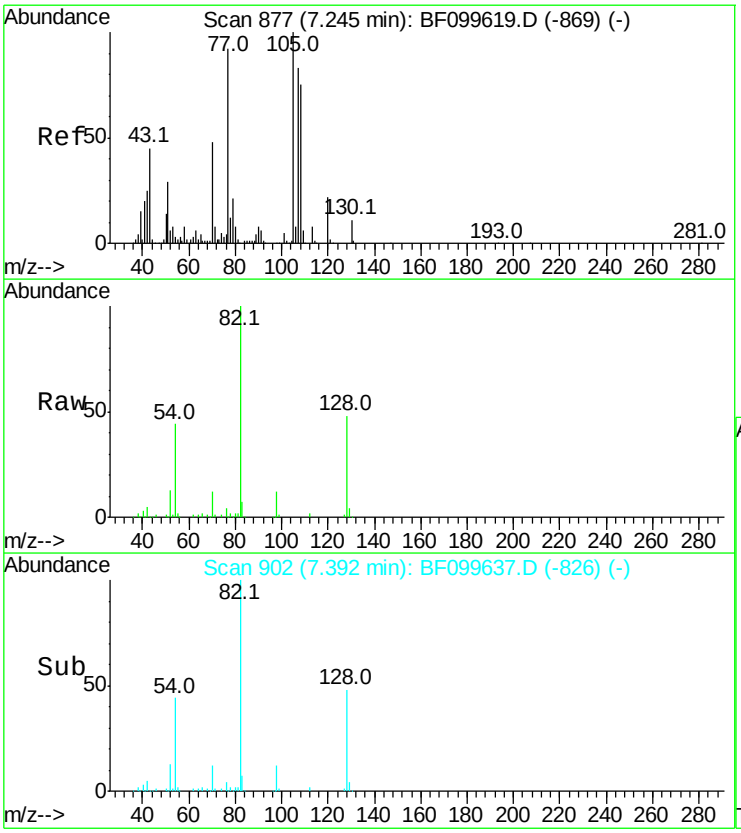
#7
Phenol-d6
Concen: 44.335 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 309294

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.5	25.4	38.0

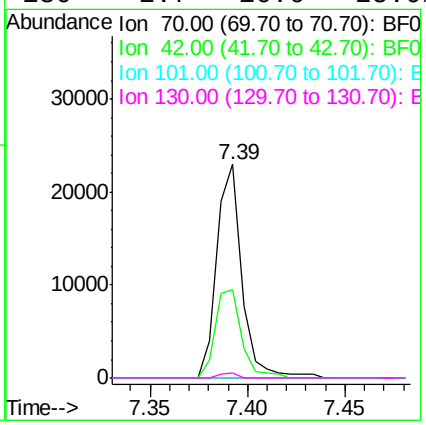


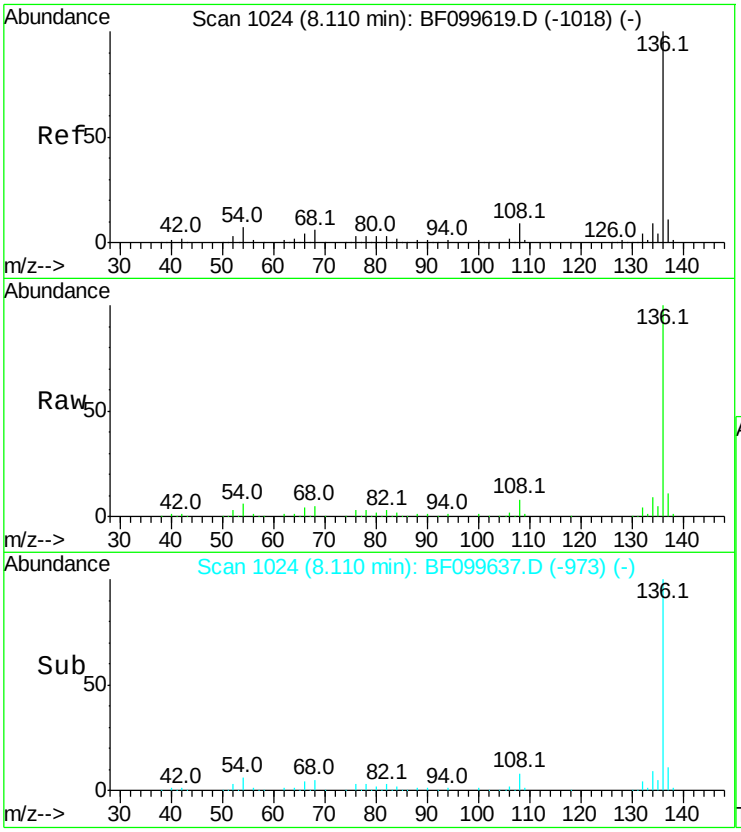


#19
n-Nitroso-di-n-propylamine
Concen: 4.617 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion: 70 Resp: 20565

Ion	Ratio	Lower	Upper
70	100		
42	41.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



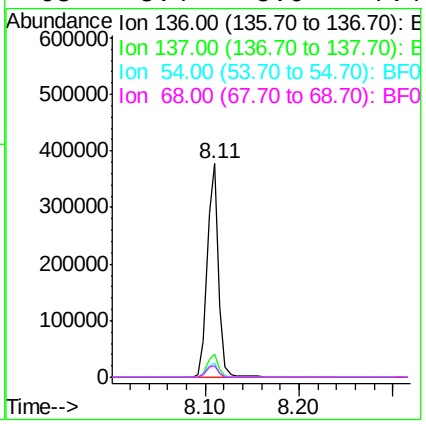


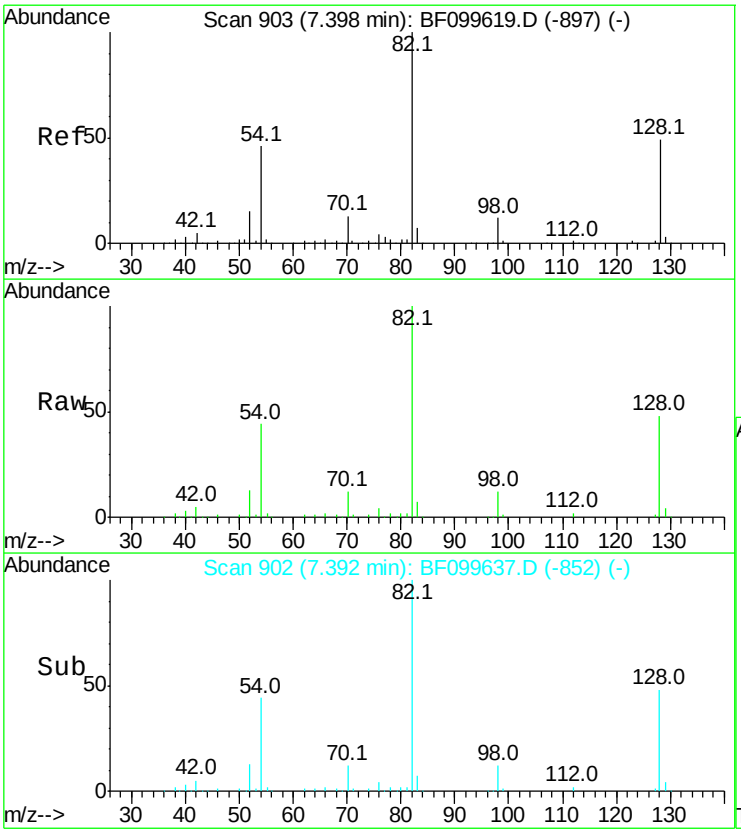
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 317769

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	6.6	9.8#
68	5.4	5.0	7.4

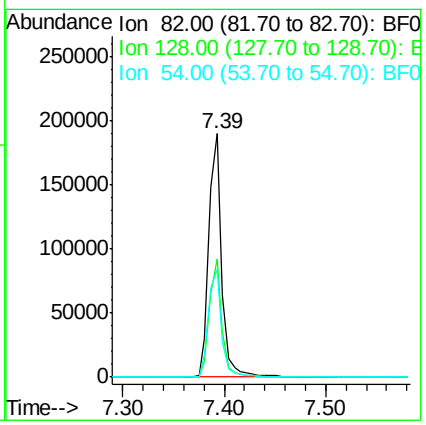


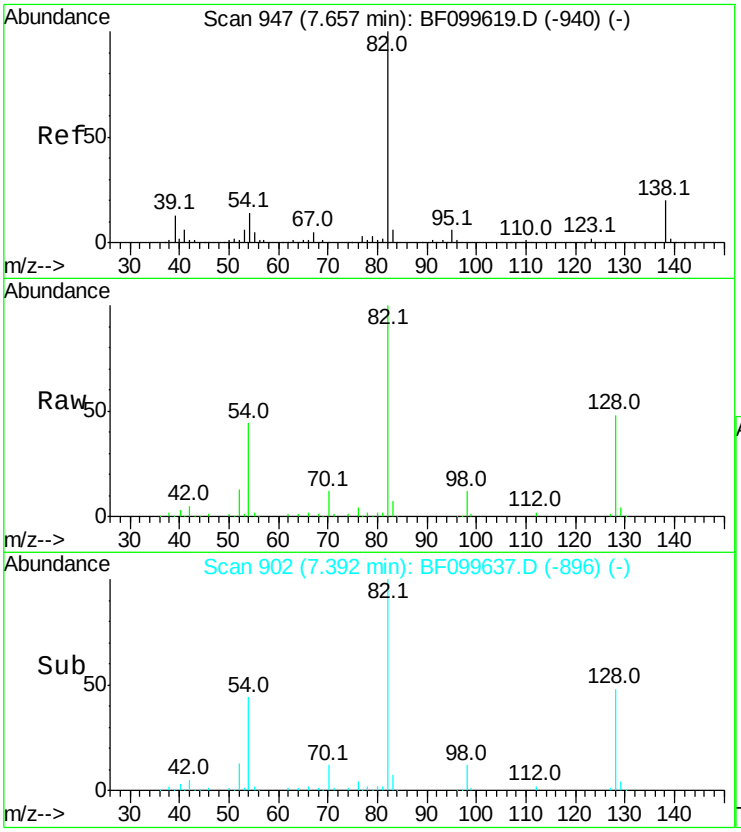


#23
Nitrobenzene-d5
Concen: 33.806 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion: 82 Resp: 167511

Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	44.5	41.4	62.2



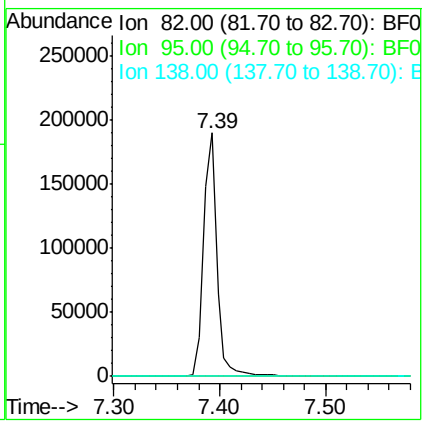


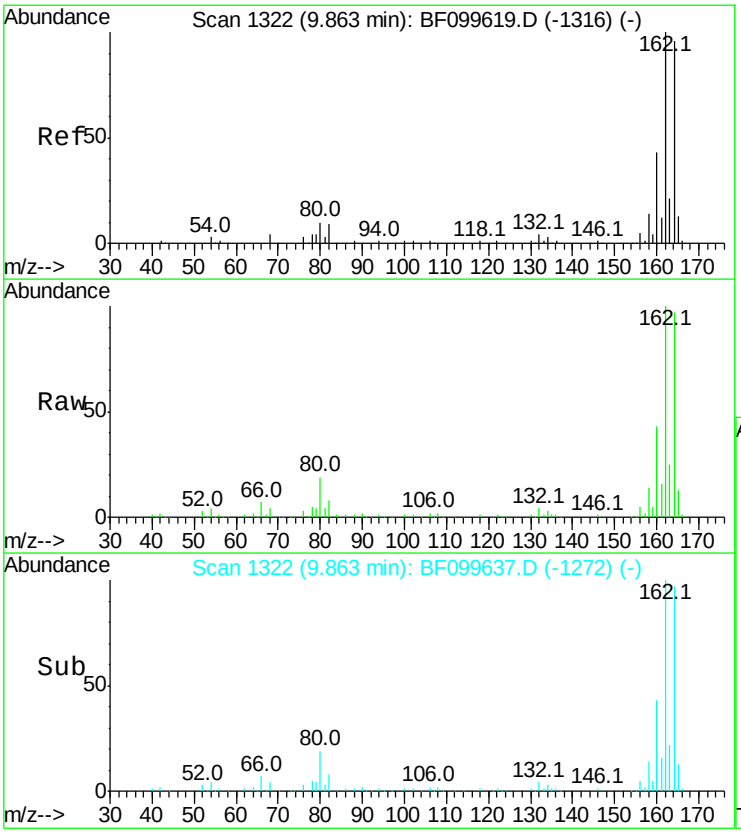
#25
Isophorone
Concen: 16.351 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 167510

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

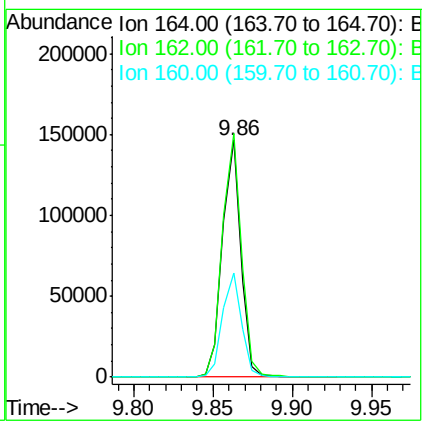


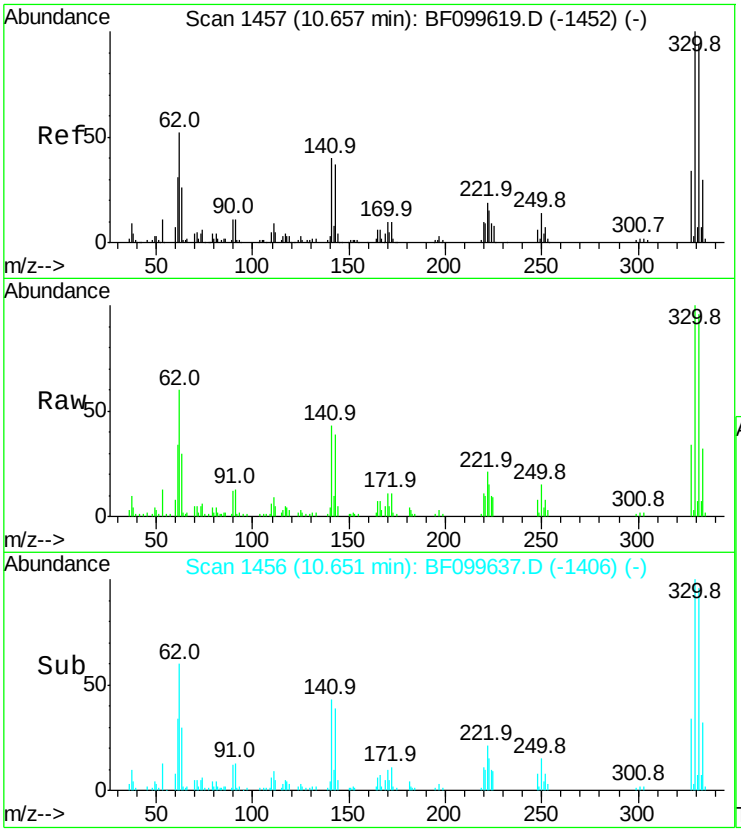


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:164 Resp: 118181

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	44.2	38.3	57.5



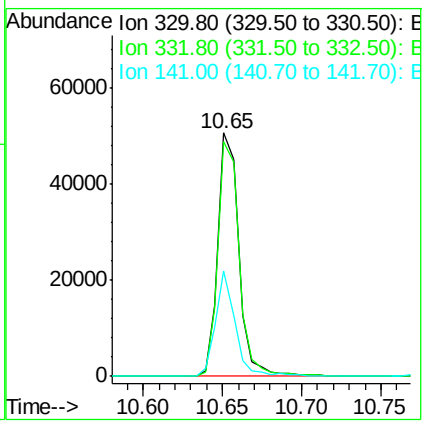


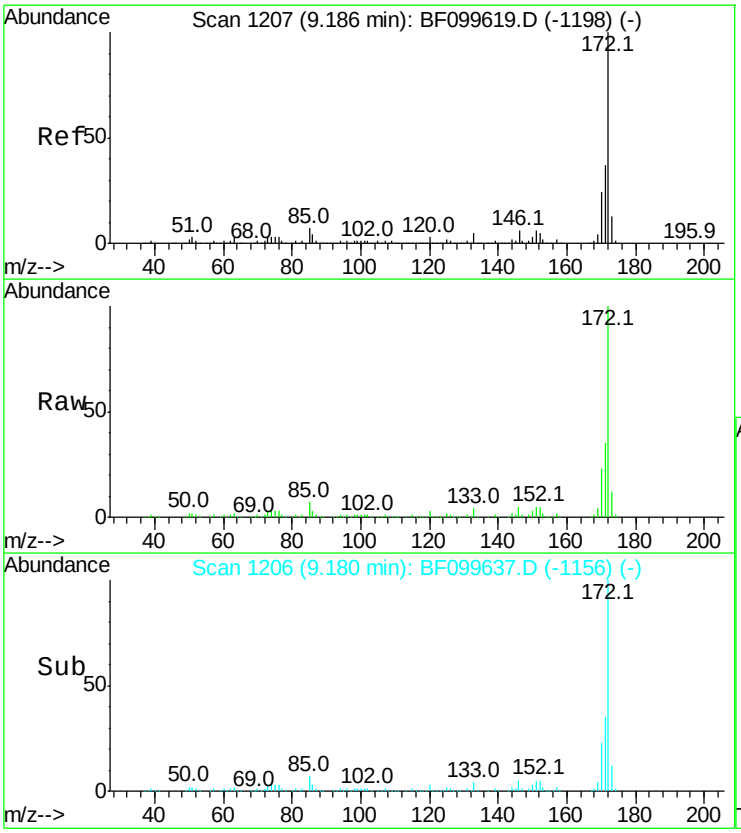
#41
2,4,6-Tribromophenol
Concen: 48.501 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 46902

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	39.9	29.9	44.9

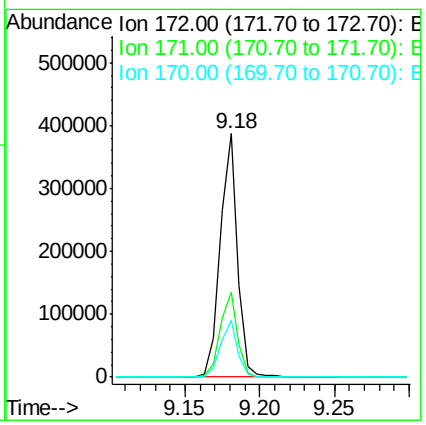


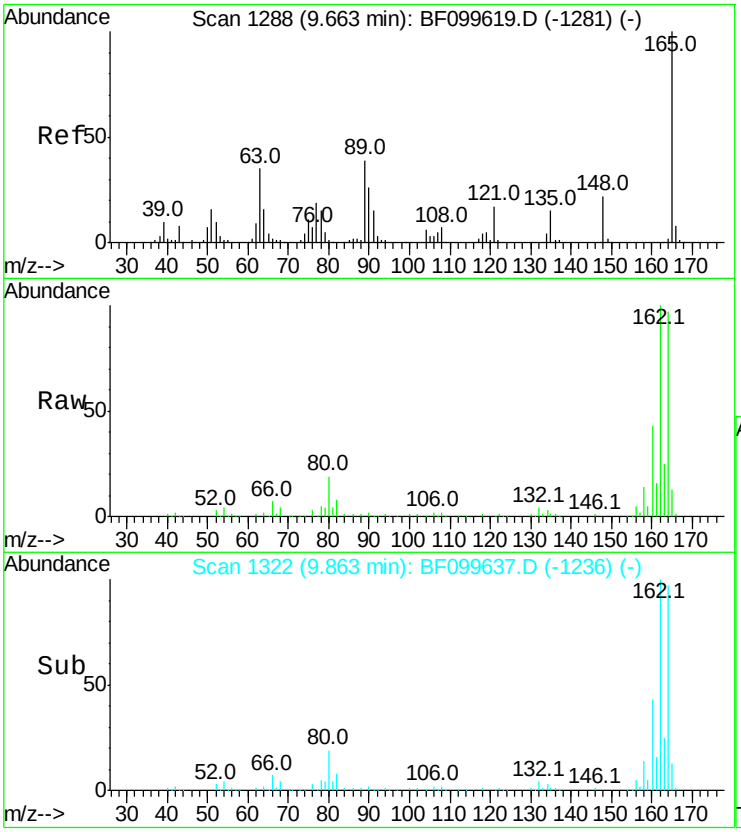


#44
2-Fluorobiphenyl
Concen: 44.710 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:172 Resp: 316509

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.2	19.6	29.4



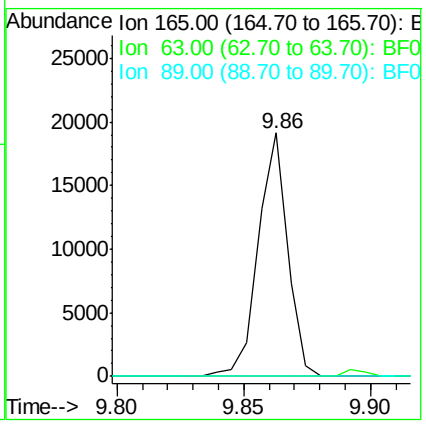


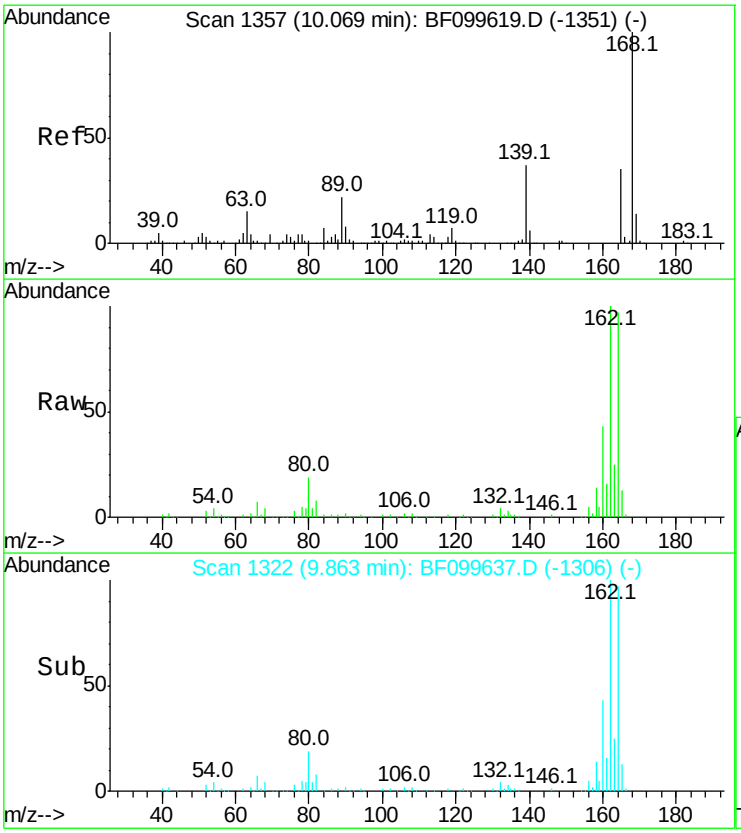
#50
2,6-Dinitrotoluene
Concen: 7.982 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15500

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

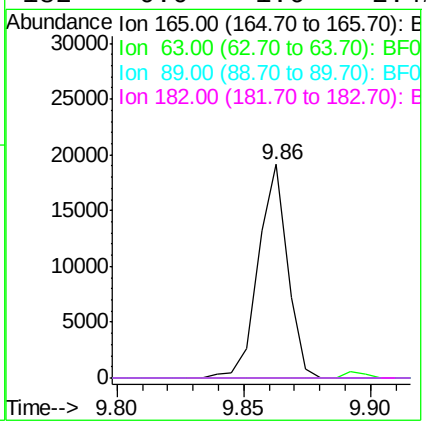


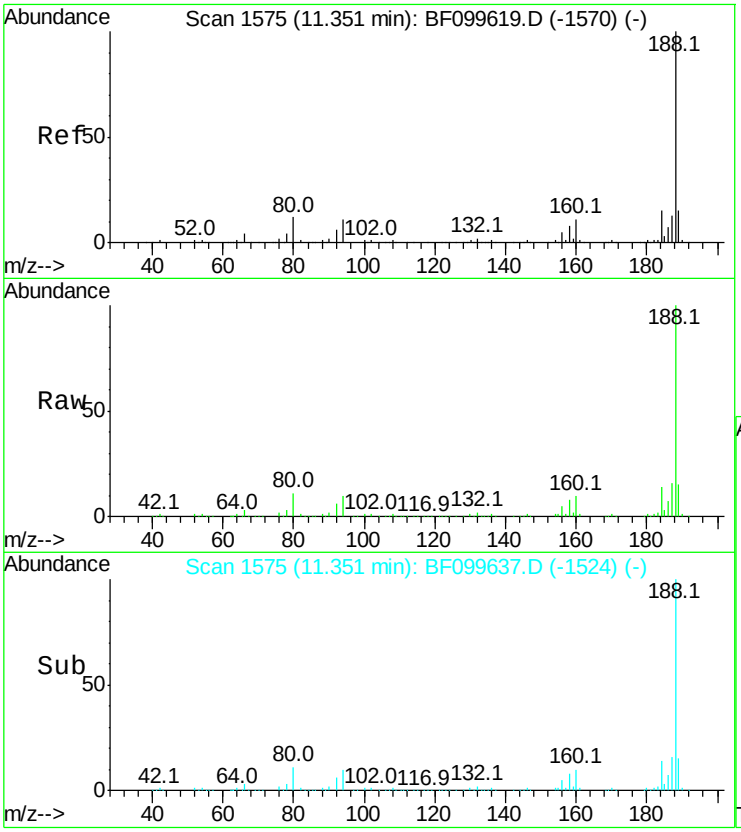


#56
2,4-Dinitrotoluene
Concen: 6.150 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:165 Resp: 15500

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



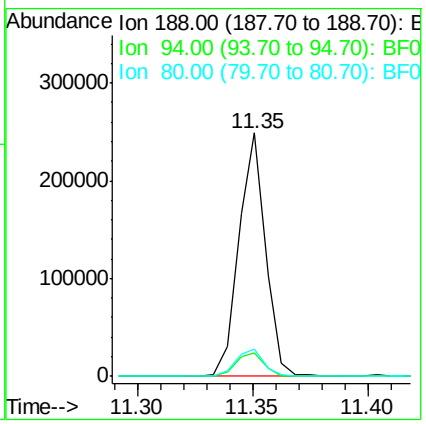


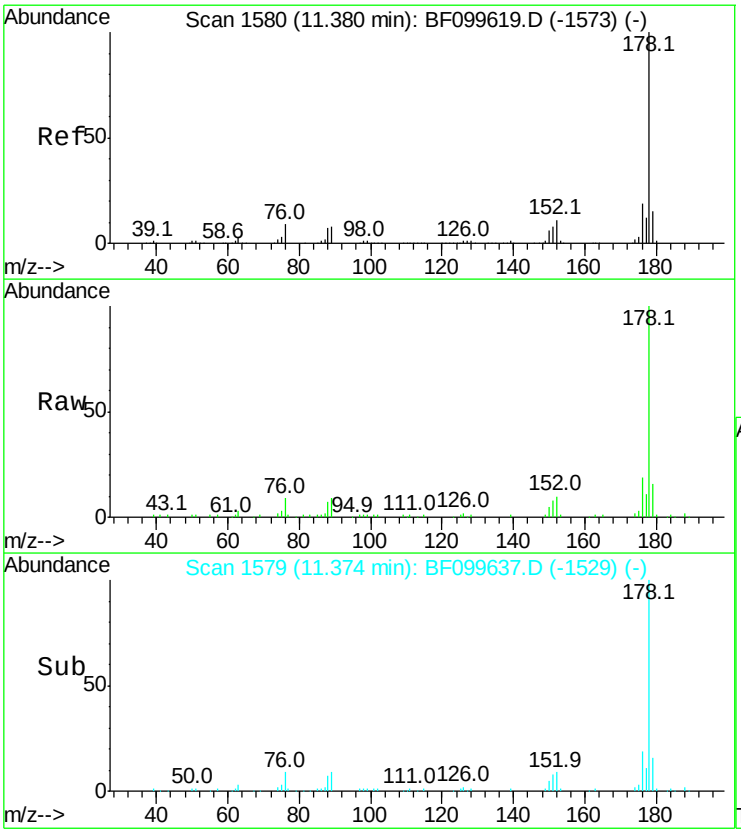
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 200216

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.0	9.2	13.8

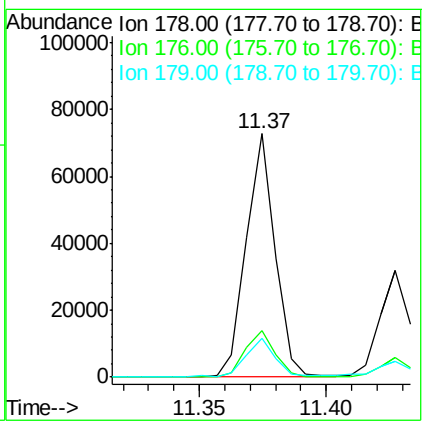


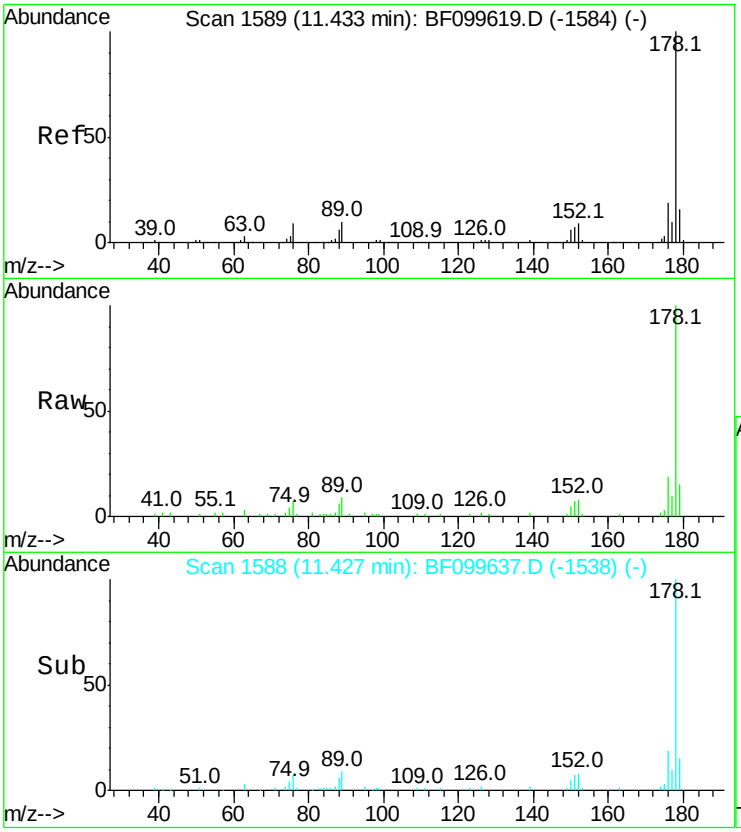


#70
Phenanthrene
Concen: 5.423 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:178 Resp: 58119

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.8	13.0	19.6



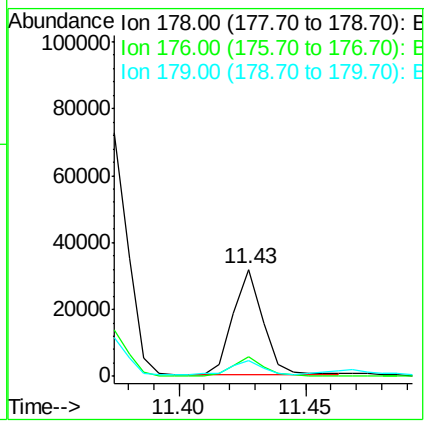


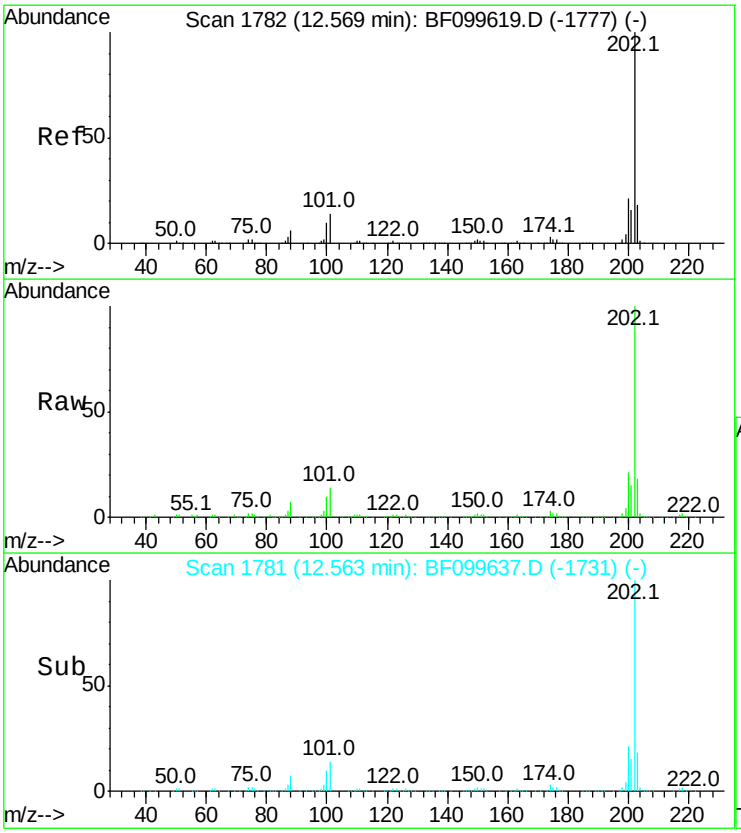
#71
Anthracene
Concen: 2.353 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 25800

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.7	12.6	19.0

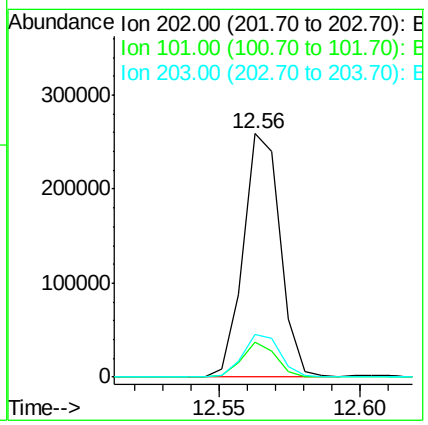


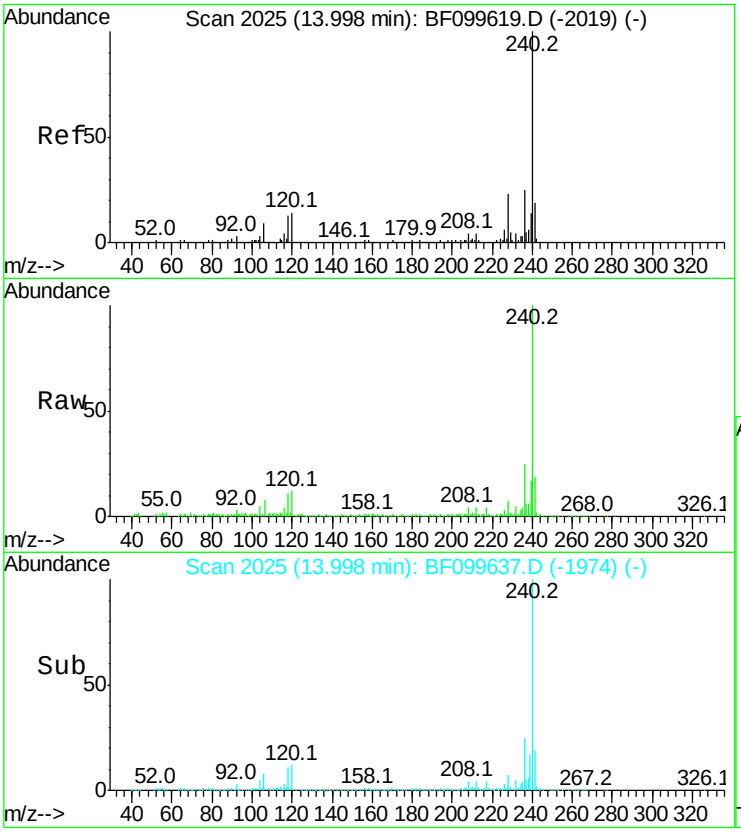


#74
Fluoranthene
Concen: 21.660 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:202 Resp: 235059

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.6	0.0	38.1



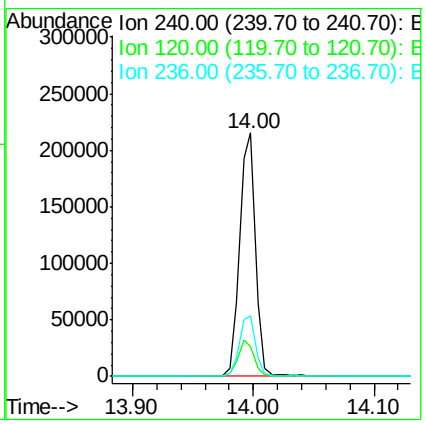


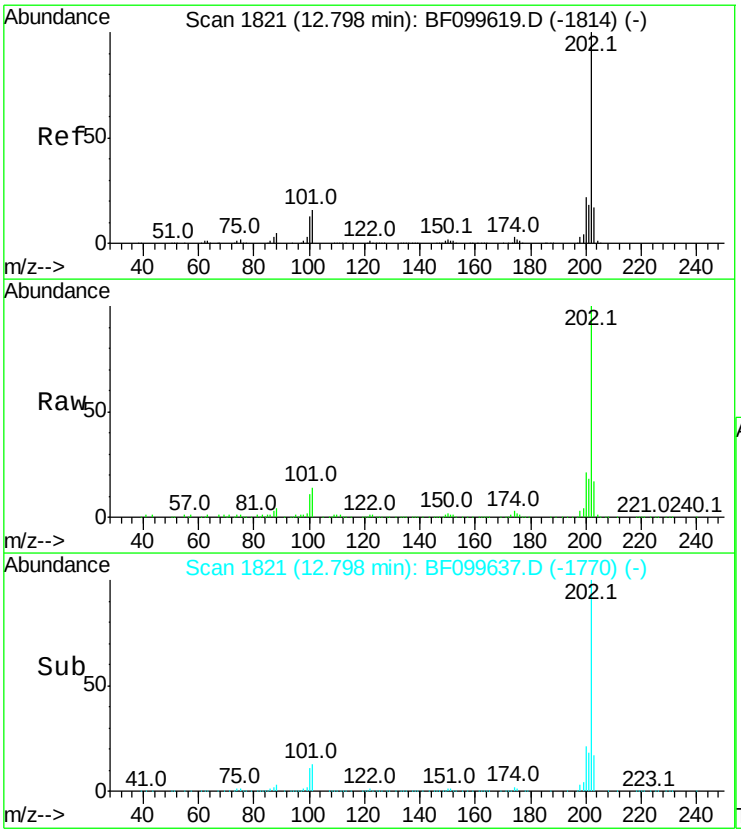
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 199231

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.1	20.7	31.1

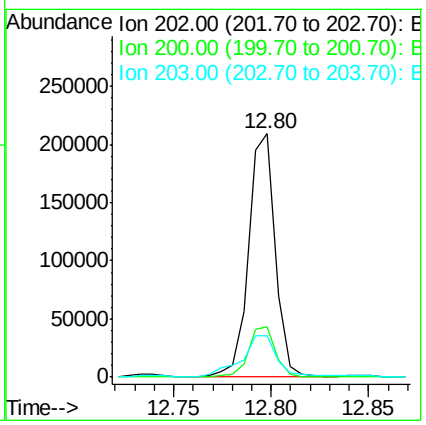


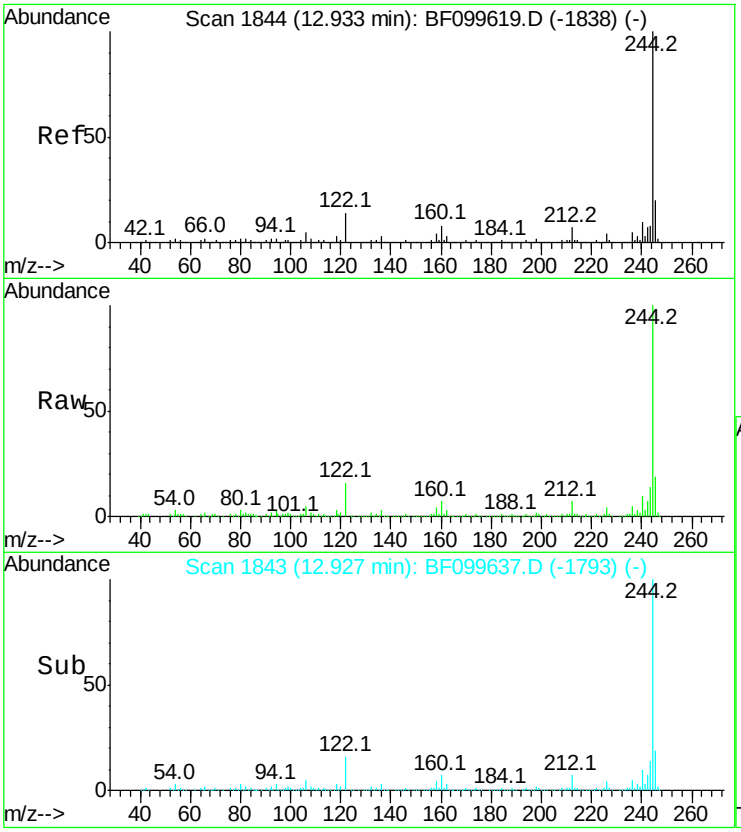


#77
Pyrene
Concen: 12.960 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:202 Resp: 196893

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.1	14.3	21.5



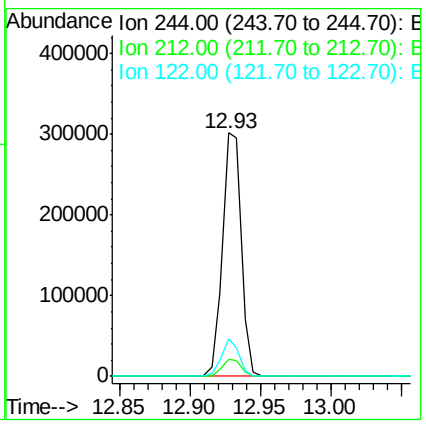


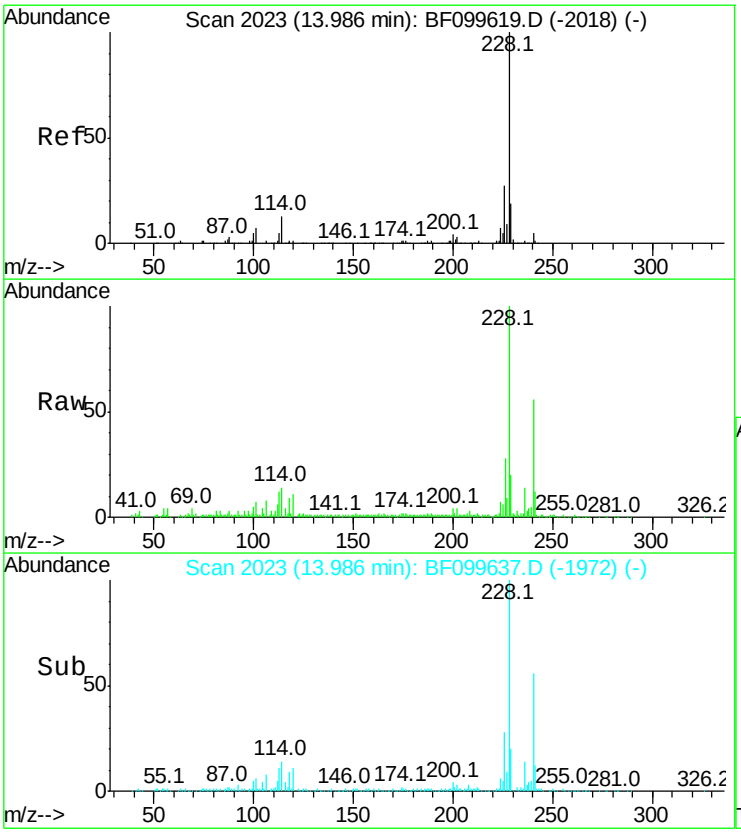
#78
Terphenyl-d14
Concen: 31.837 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 278909

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.5	11.0	16.4

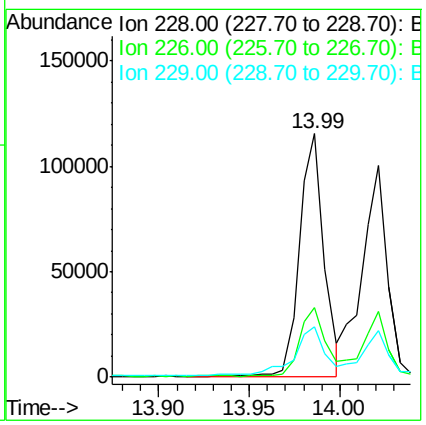


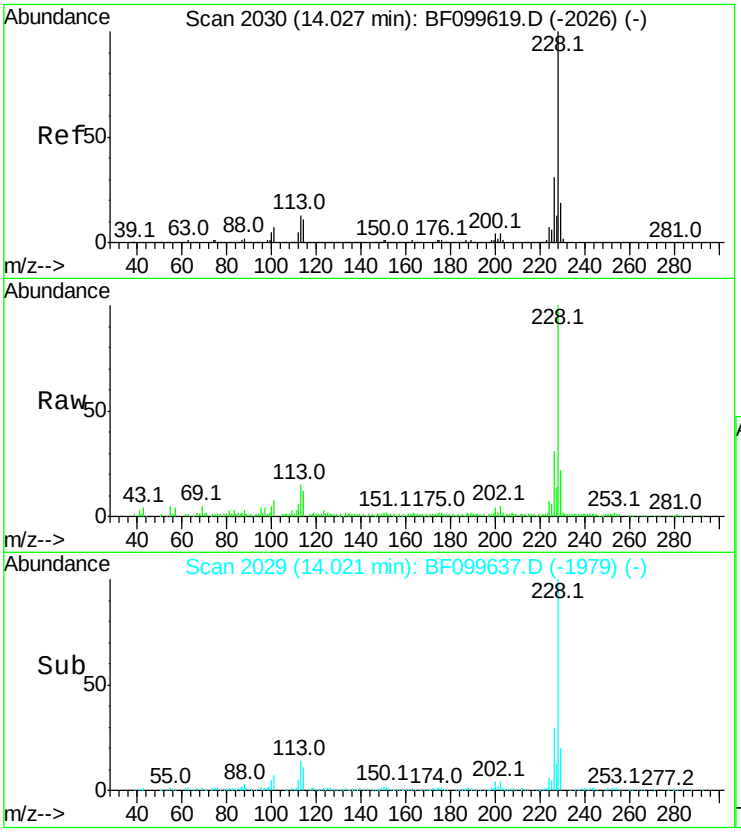


#80
Benzo(a)anthracene
Concen: 8.976 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:228 Resp: 108290

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.5	15.8	23.6



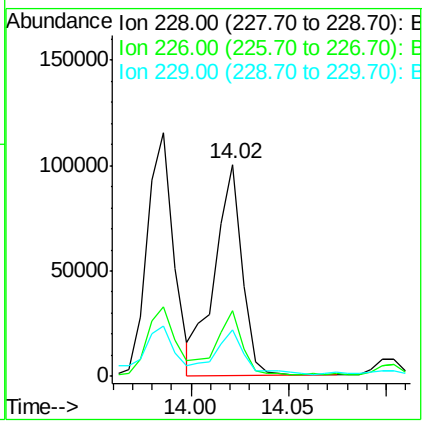


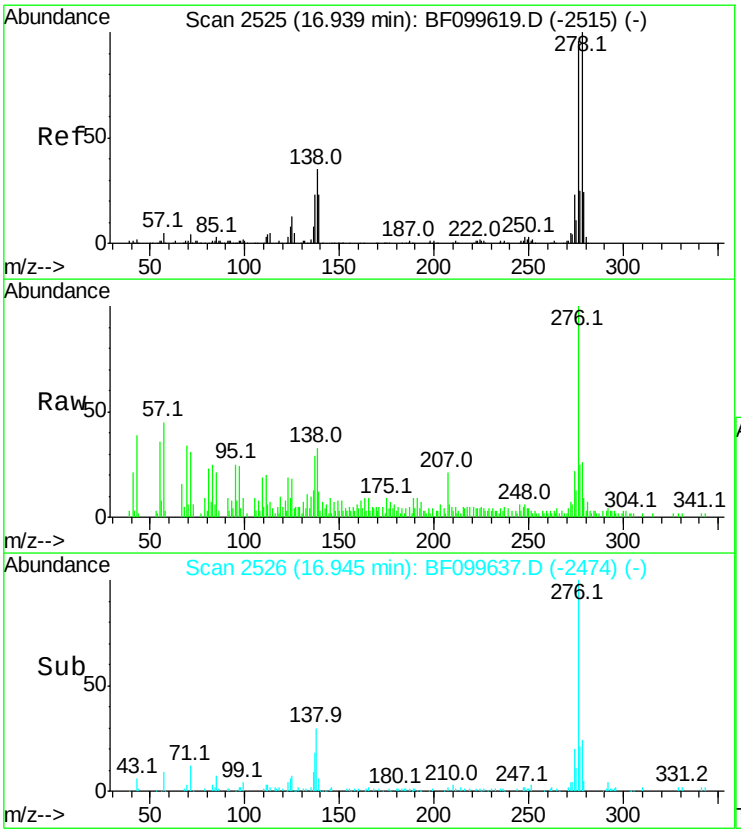
#82
Chrysene
Concen: 8.537 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 98046

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.9	16.2	24.4

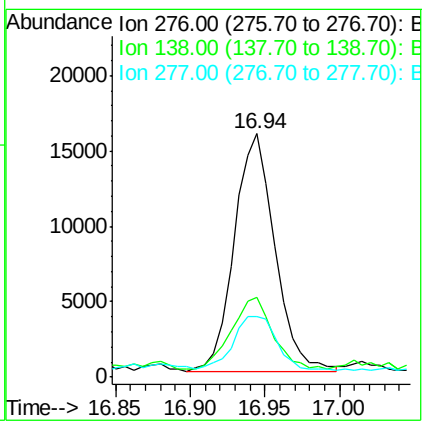


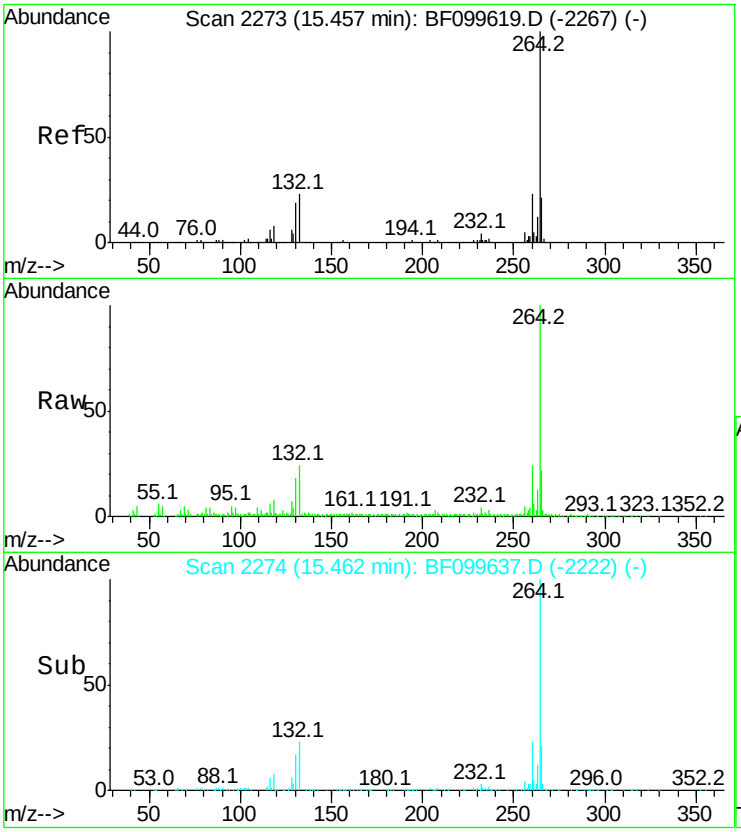


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.229 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:276 Resp: 29670

Ion	Ratio	Lower	Upper
276	100		
138	30.9	25.0	37.6
277	24.5	20.1	30.1



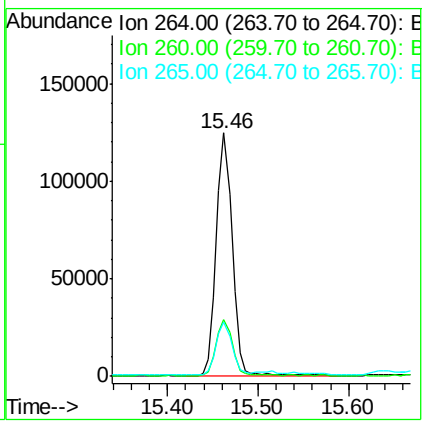


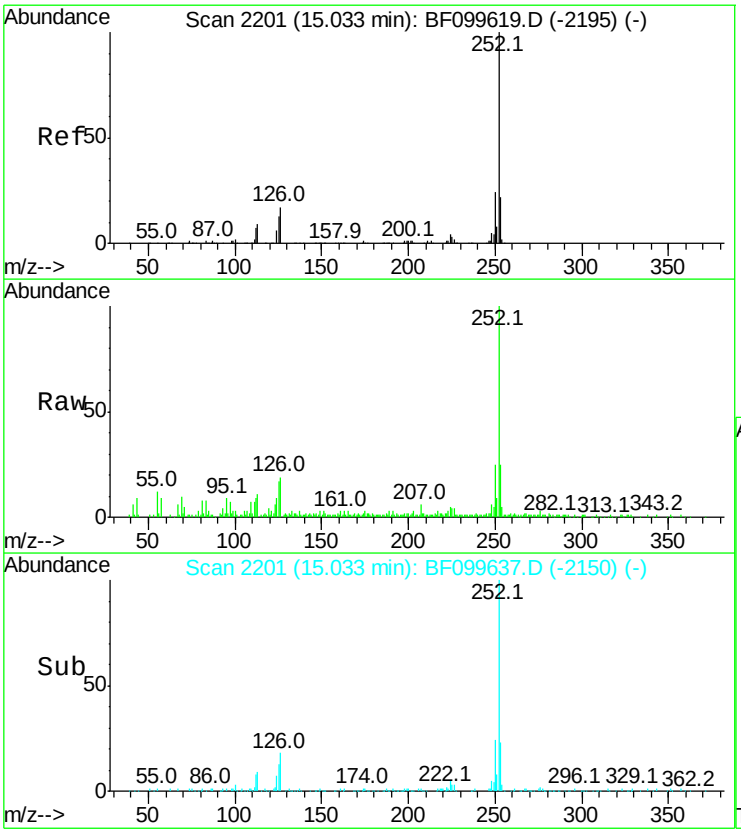
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 150375

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3

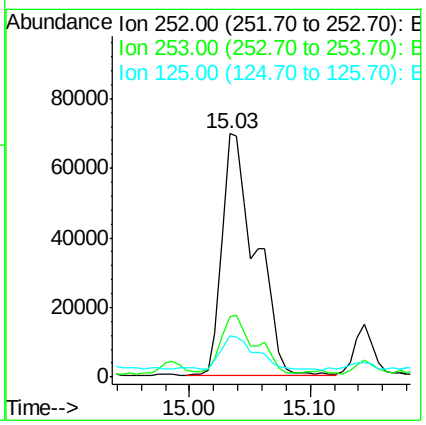


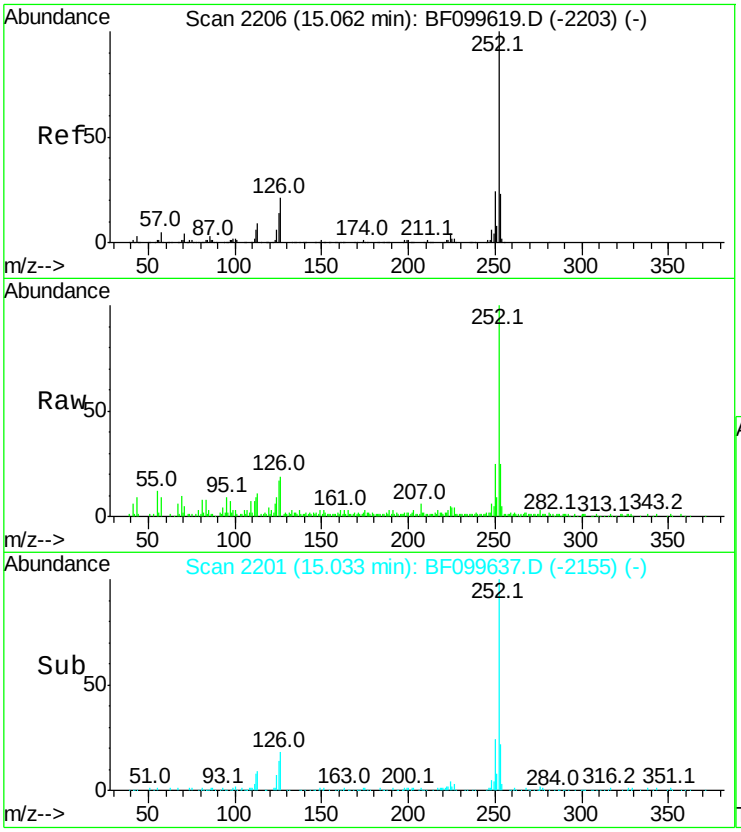


#87
Benzo(b)fluoranthene
Concen: 14.504 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:252 Resp: 134095

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	17.2	9.0	13.6#



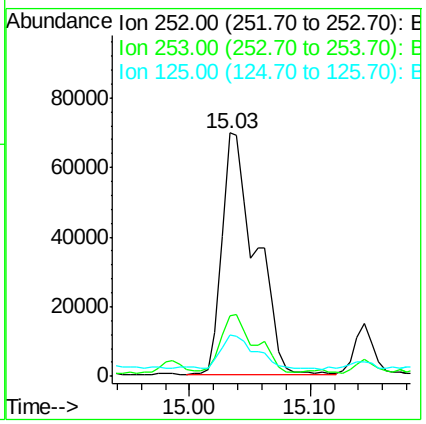


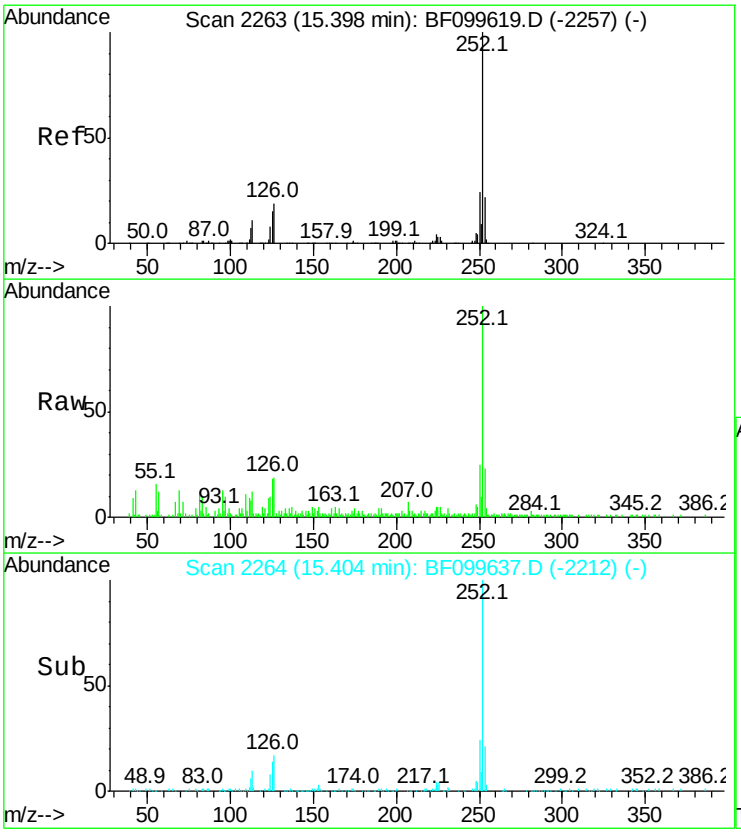
#88
Benzo(k)fluoranthene
Concen: 14.684 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 134095

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	17.2	10.2	15.2#

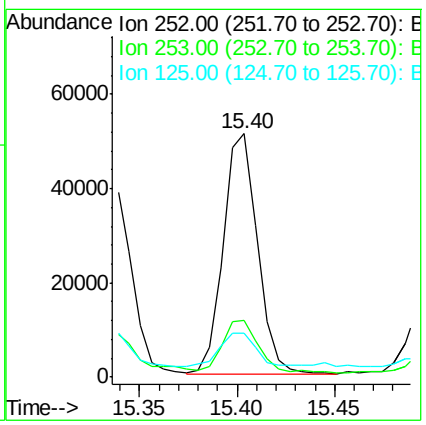


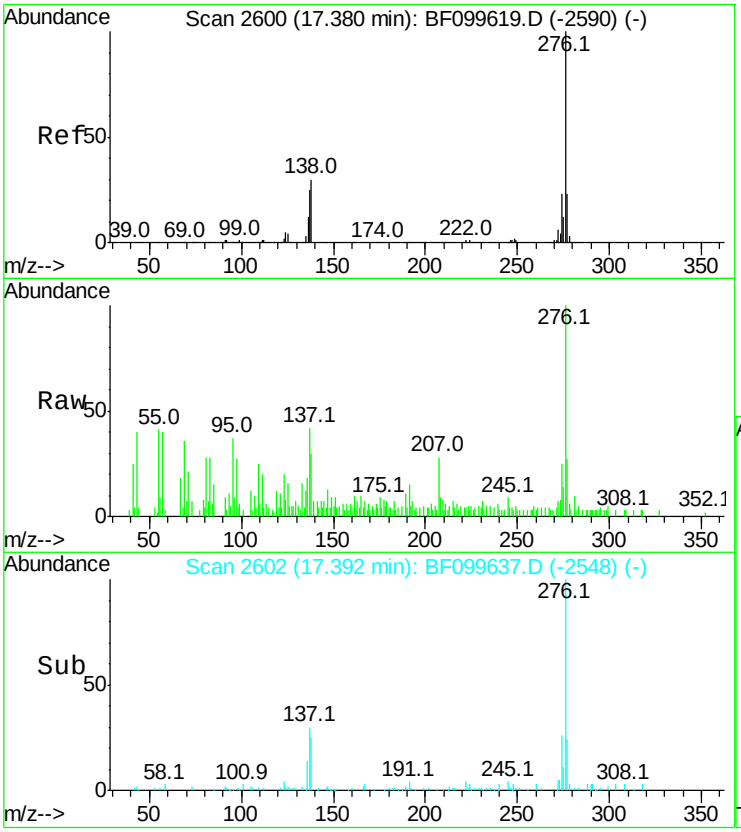


#89
Benzo(a)pyrene
Concen: 7.363 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Tgt Ion:252 Resp: 62488

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	17.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.940 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.02 min
Lab File: BF099637.D
Acq: 19 Oct 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 26451

Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	29.8	21.8	32.8