Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100049.D
Acq On : 1 Nov 2017 17:48
Operator : SJ/JU
Sample : I6206-05 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 18:44:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	86640	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	343597	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	149876	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	236490	20.00	ng		0.00
75) Chrysene-d12	13.97	240	155538	20.00	ng		0.00
86) Perylene-d12	15.46	264	155159	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	52329	9.48	ng		0.02
7) Phenol-d6	6.44	99	68579	10.48	ng		0.01
23) Nitrobenzene-d5	7.36	82	41493	7.77	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	13725	10.05	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	87713	9.03	ng		0.00
78) Terphenyl-d14	12.90	244	58182	8.17	ng		0.00
Target Compounds							Qvalue
74) Fluoranthene	12.54	202	35687	2.573	ng		93
77) Pyrene	12.77	202	39266	3.320	ng		97
80) Benzo(a)anthracene	13.96	228	23242	2.357	ng		95
82) Chrysene	14.00	228	22650	2.443	ng		98
87) Benzo(b)fluoranthene	15.03	252	41468	4.232	ng	#	90
88) Benzo(k)fluoranthene	15.03	252	41468	4.488	ng	#	92
89) Benzo(a)pyrene	15.40	252	21191	2.408	ng	#	91

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

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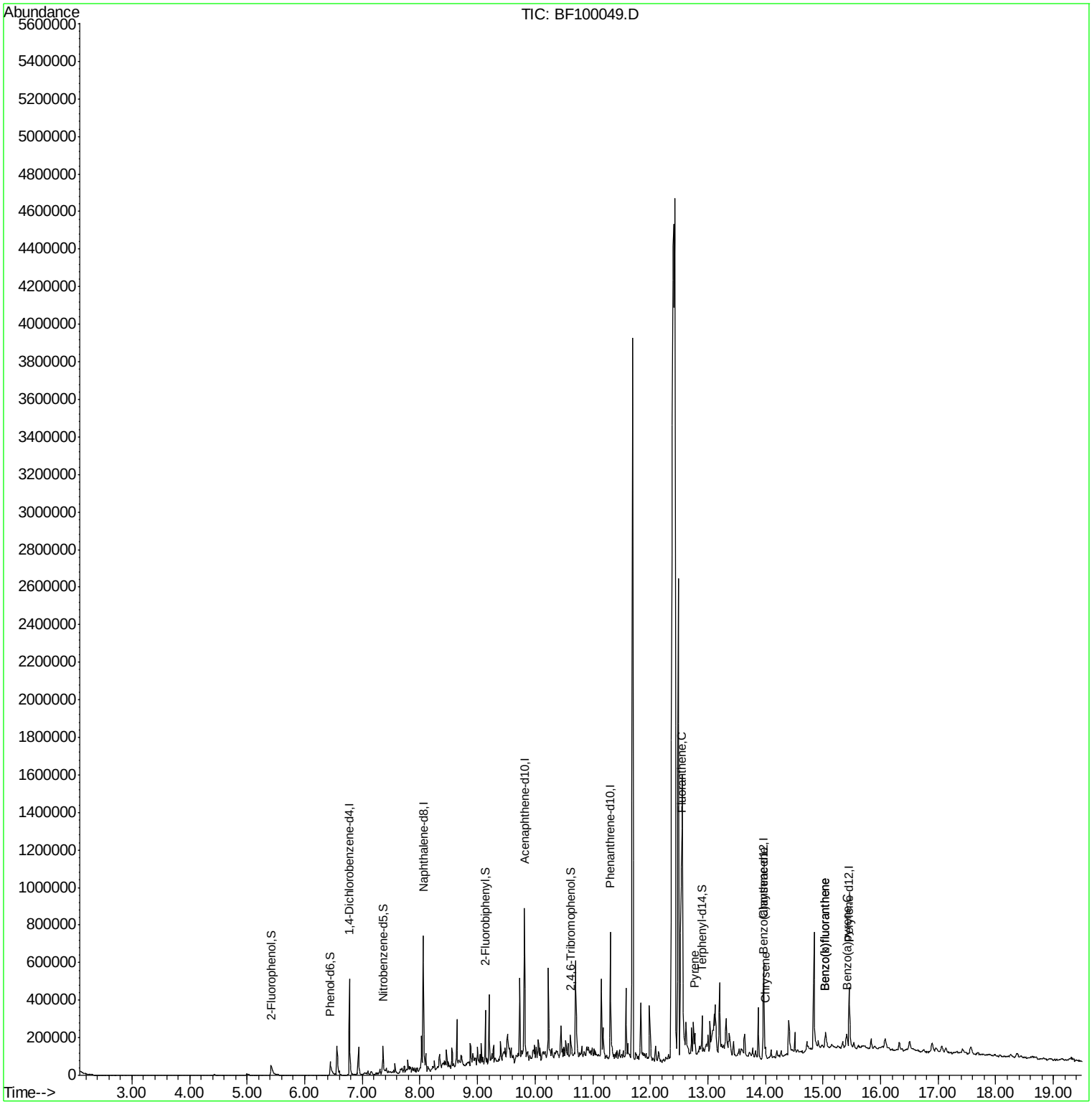
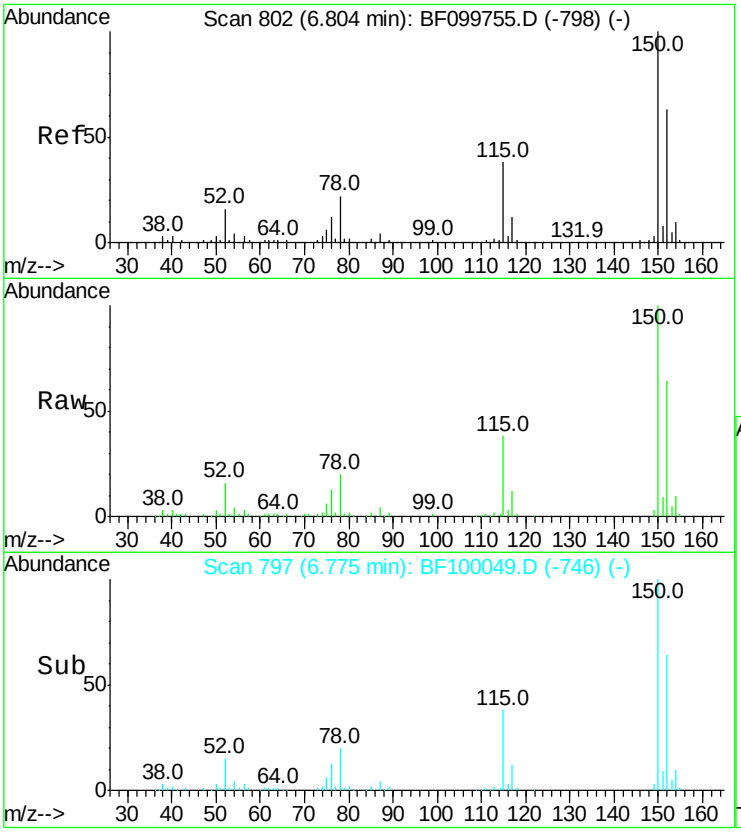


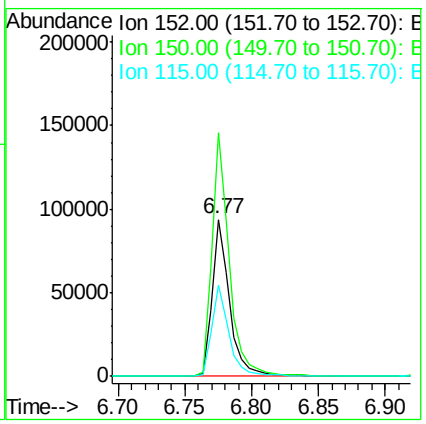


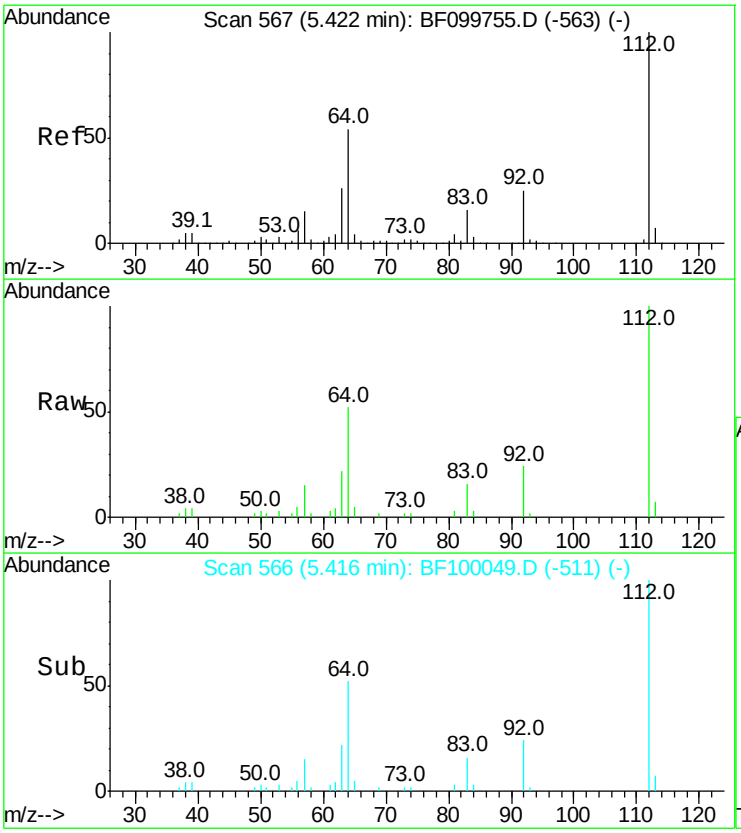
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86640

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	58.4	50.1	75.1

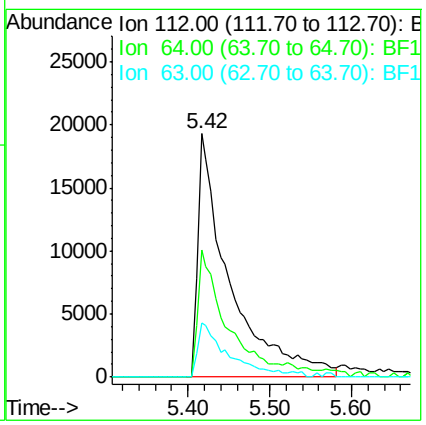


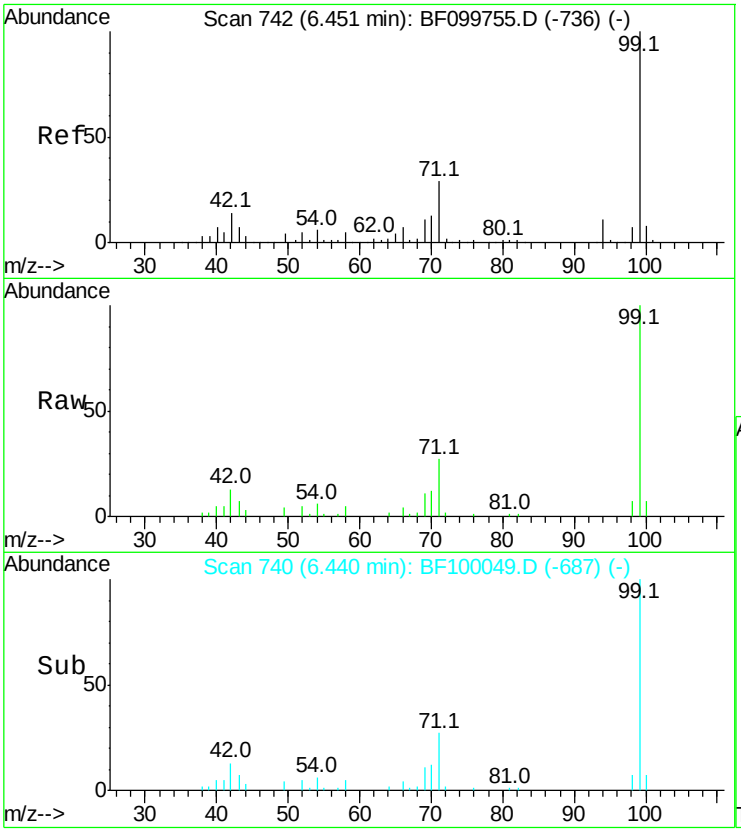


#5
2-Fluorophenol
Concen: 9.482 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion:112 Resp: 52329

Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	22.2	23.7	35.5#



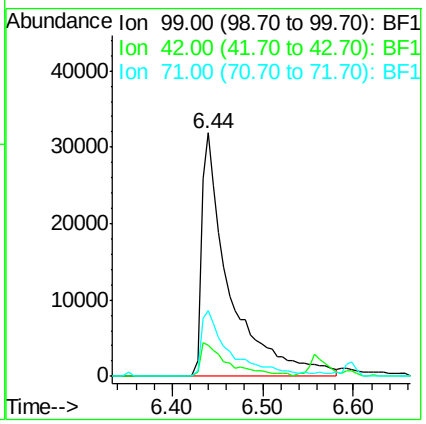


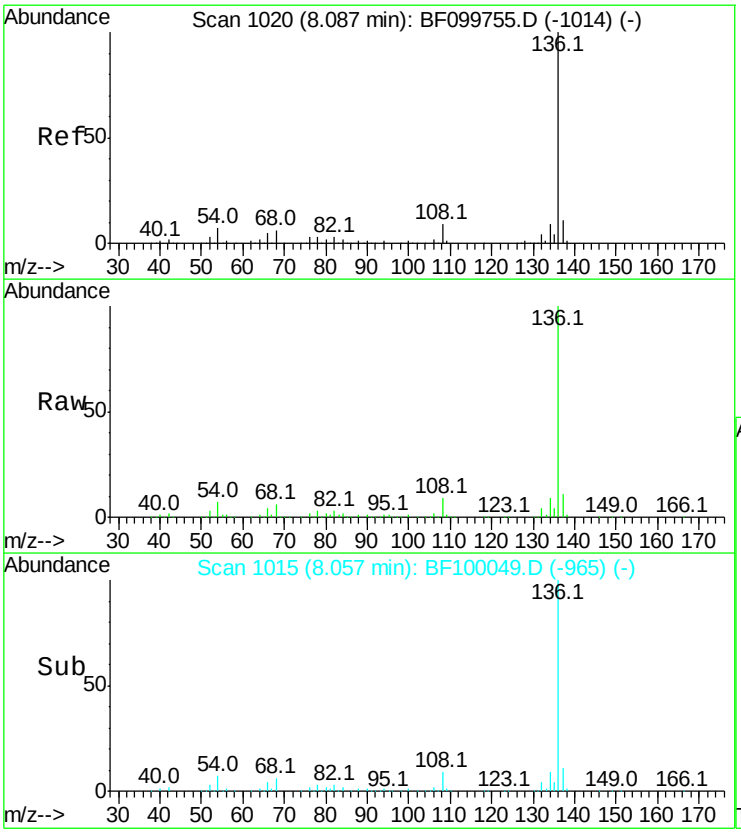
#7
Phenol-d6
Concen: 10.480 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 68579

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.5	21.7#
71	27.1	25.4	38.0

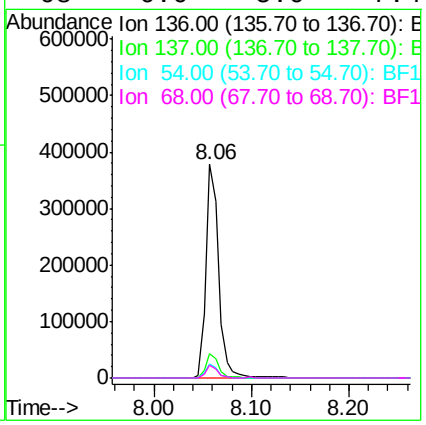


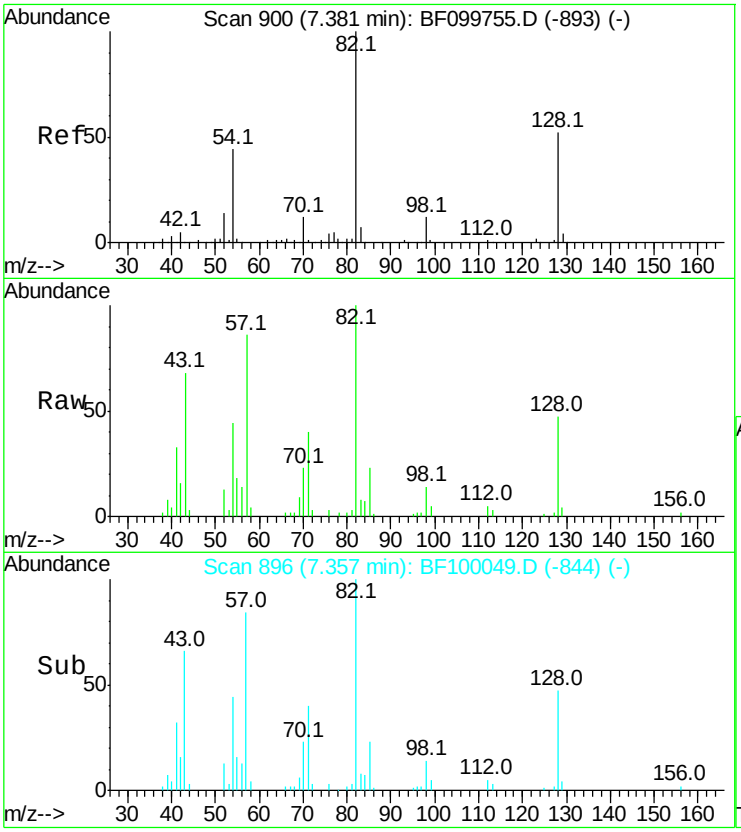


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion:136 Resp: 343597

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4



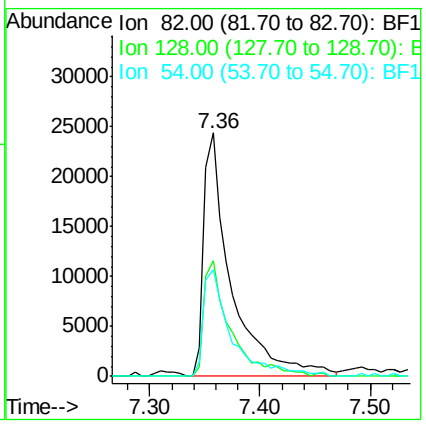


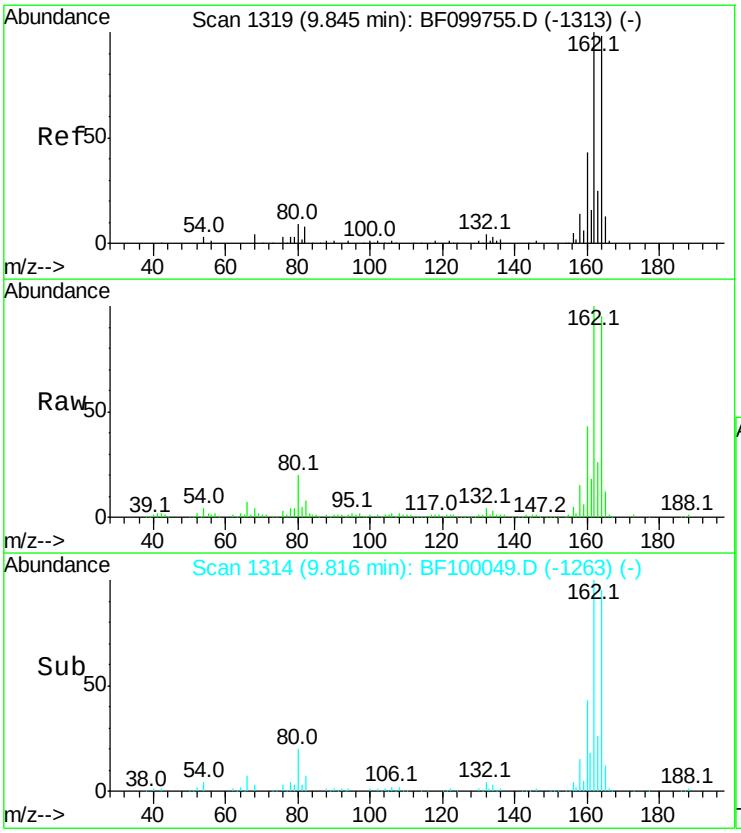
#23
Nitrobenzene-d5
Concen: 7.775 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 41493

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	43.7	41.4	62.2

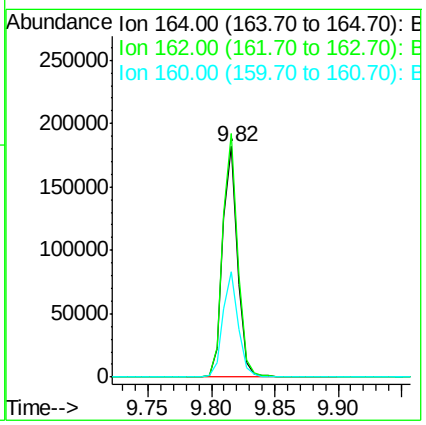


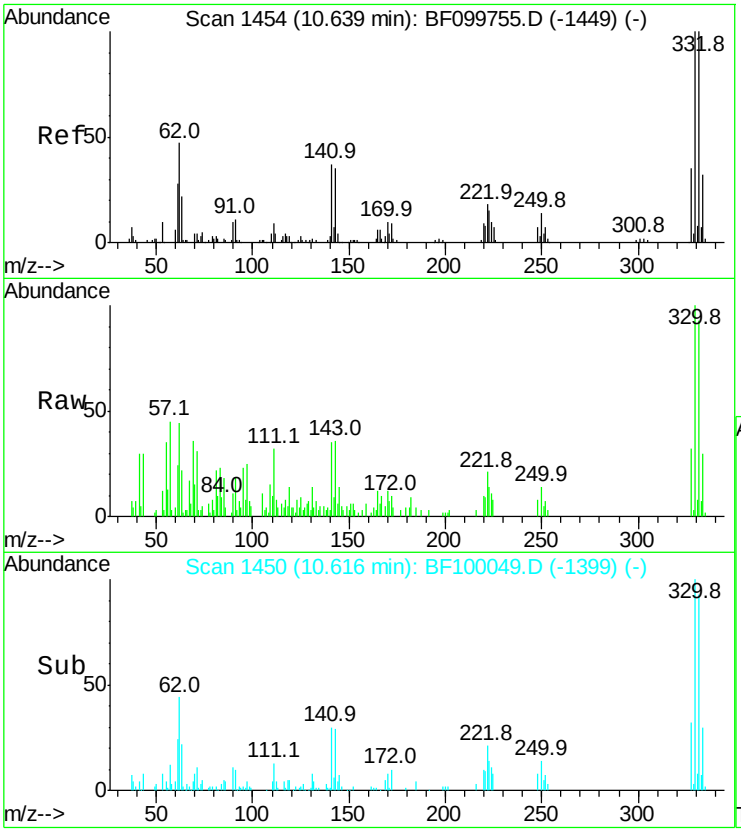


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion:164 Resp: 149876

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	45.8	38.3	57.5



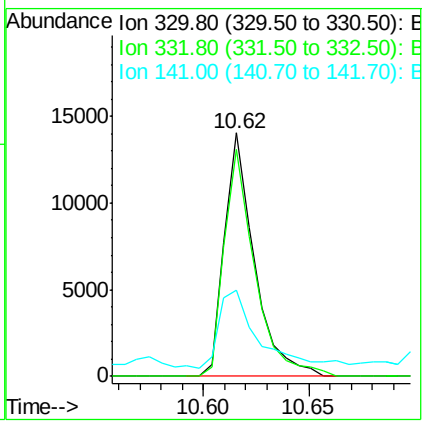


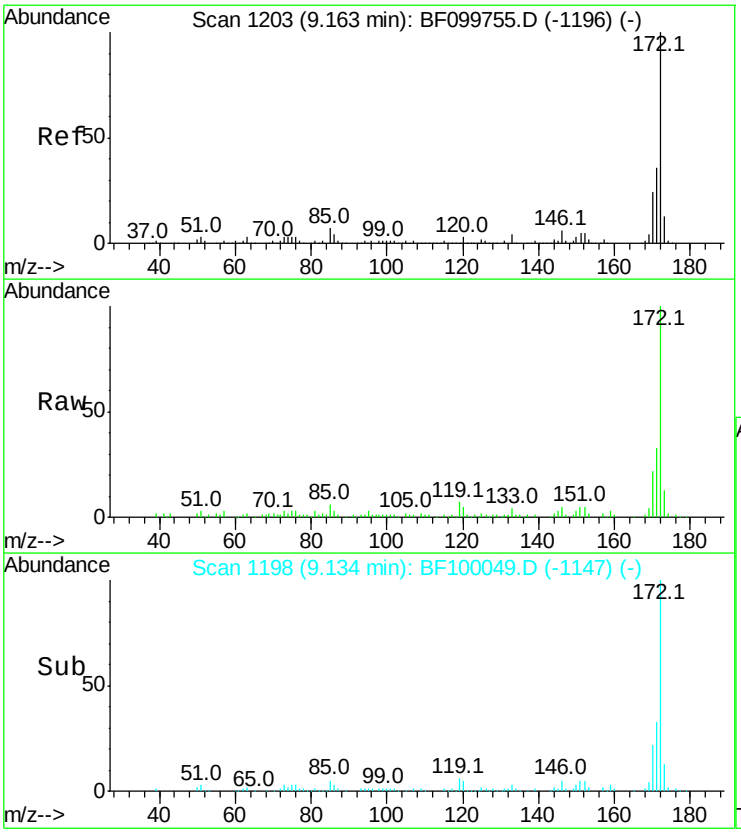
#41
2,4,6-Tribromophenol
Concen: 10.049 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13725

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	40.3	29.9	44.9

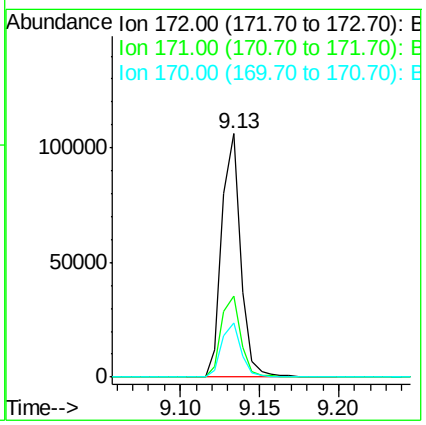


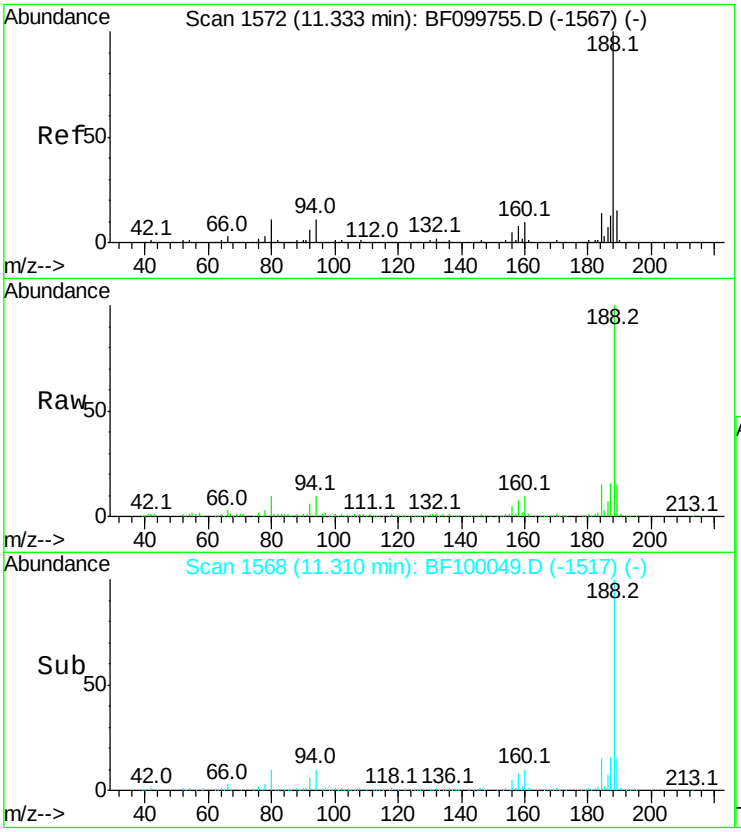


#44
2-Fluorobiphenyl
Concen: 9.029 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion:172 Resp: 87713

Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.7	44.5
170	22.2	19.6	29.4



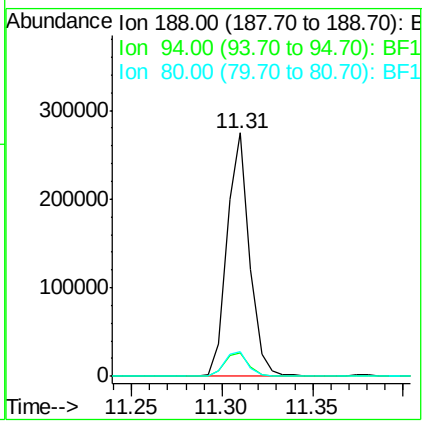


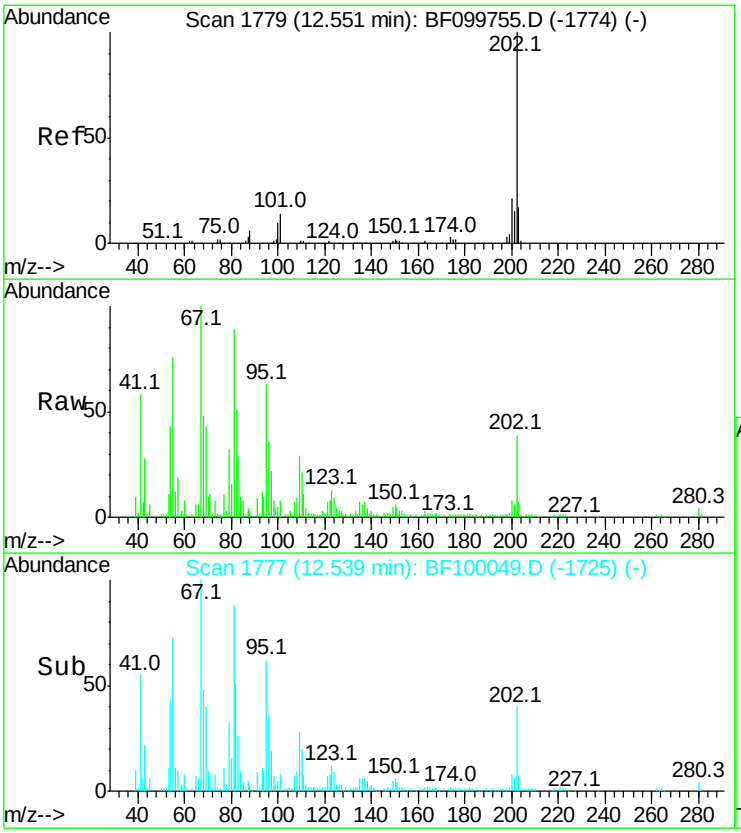
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 236490

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

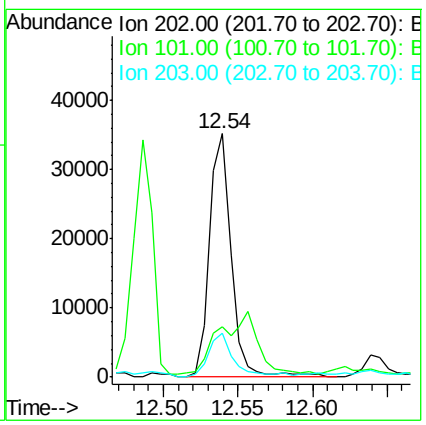


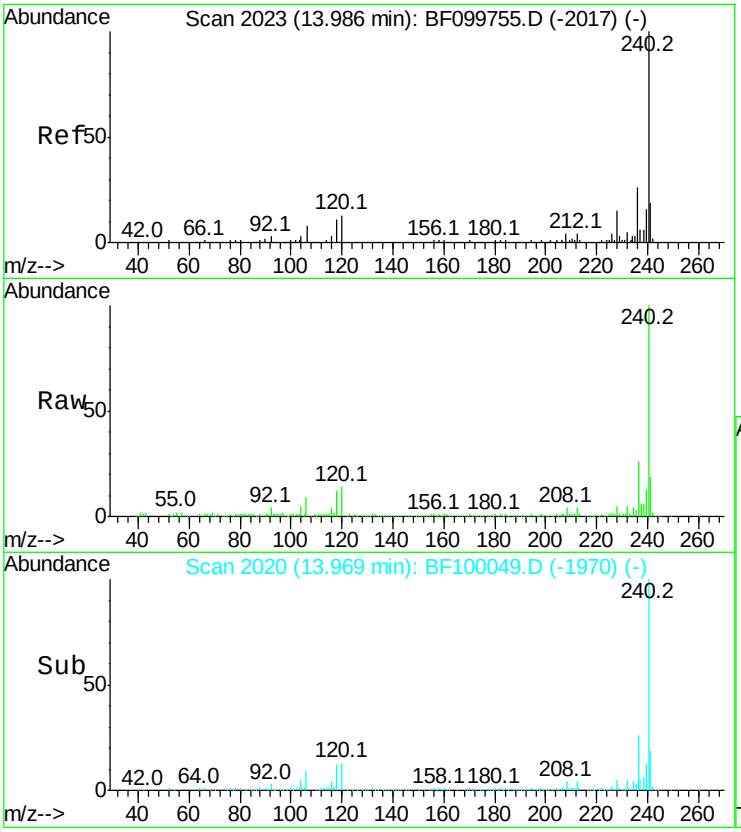


#74
Fluoranthene
Concen: 2.573 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion:202 Resp: 35687

Ion	Ratio	Lower	Upper
202	100		
101	20.5	0.0	34.1
203	18.3	0.0	38.1



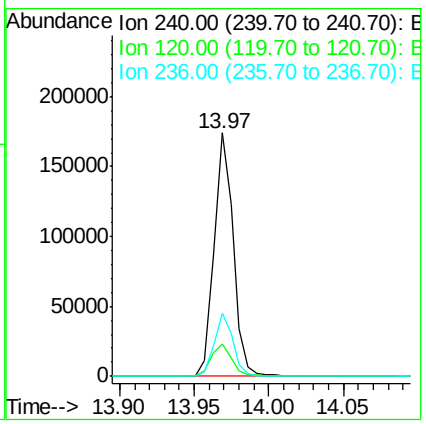


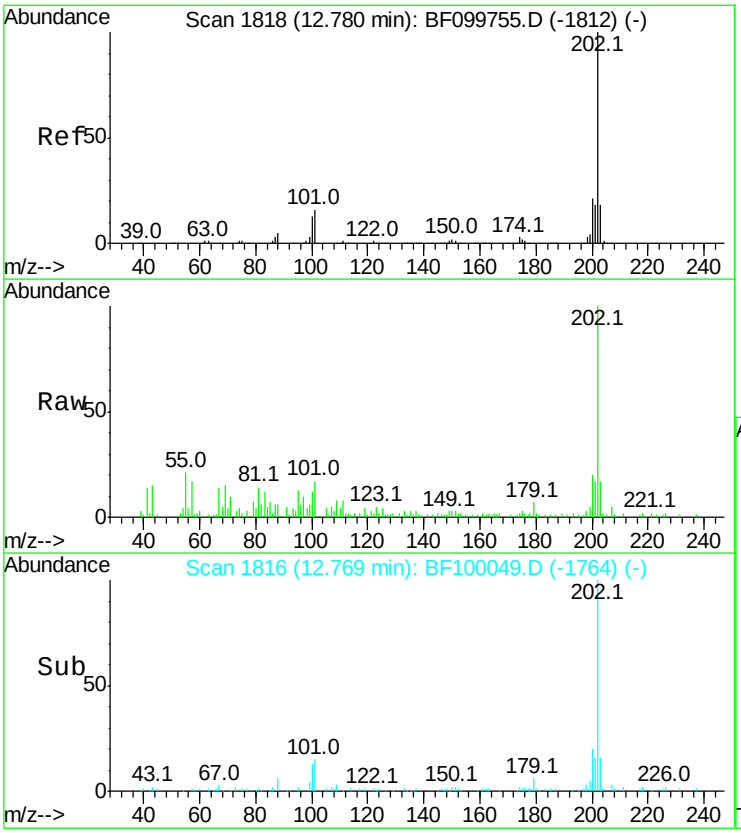
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 155538

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.0	20.7	31.1

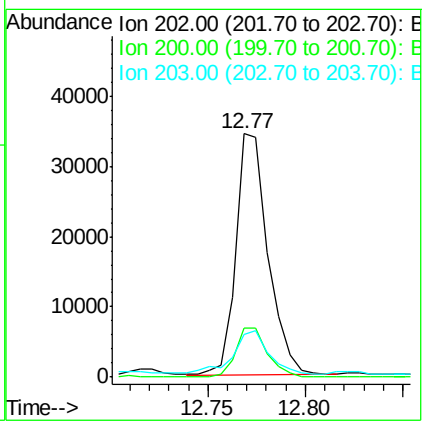


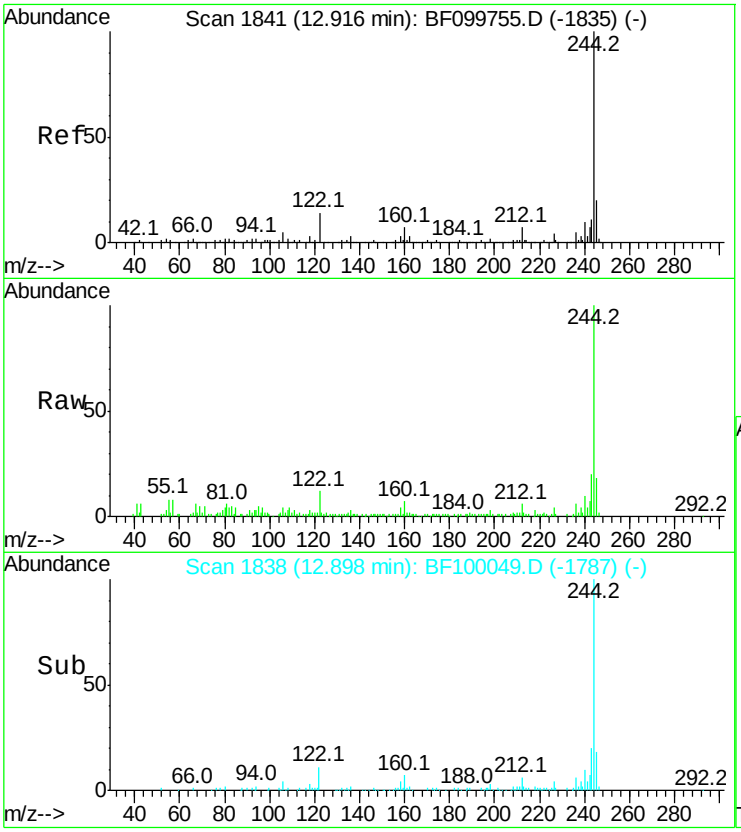


#77
Pyrene
Concen: 3.320 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion:202 Resp: 39266

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.3	14.3	21.5



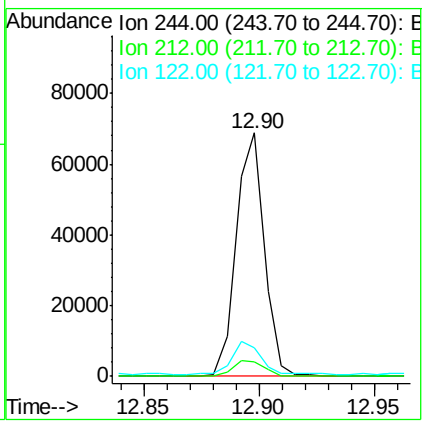


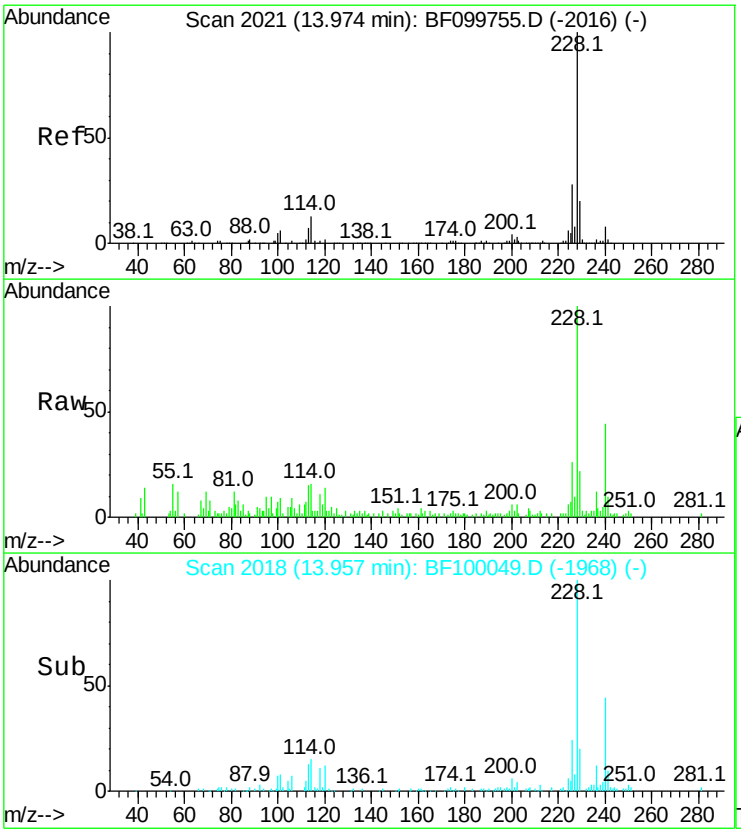
#78
Terphenyl-d14
Concen: 8.175 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 58182

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	11.8	11.0	16.4

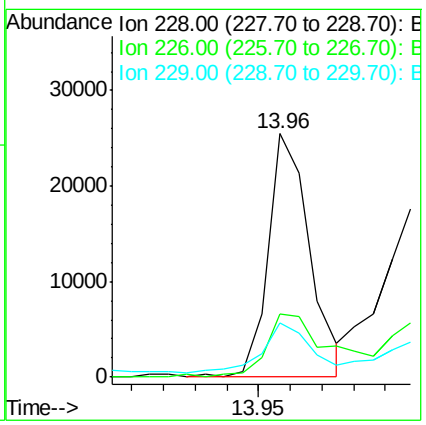


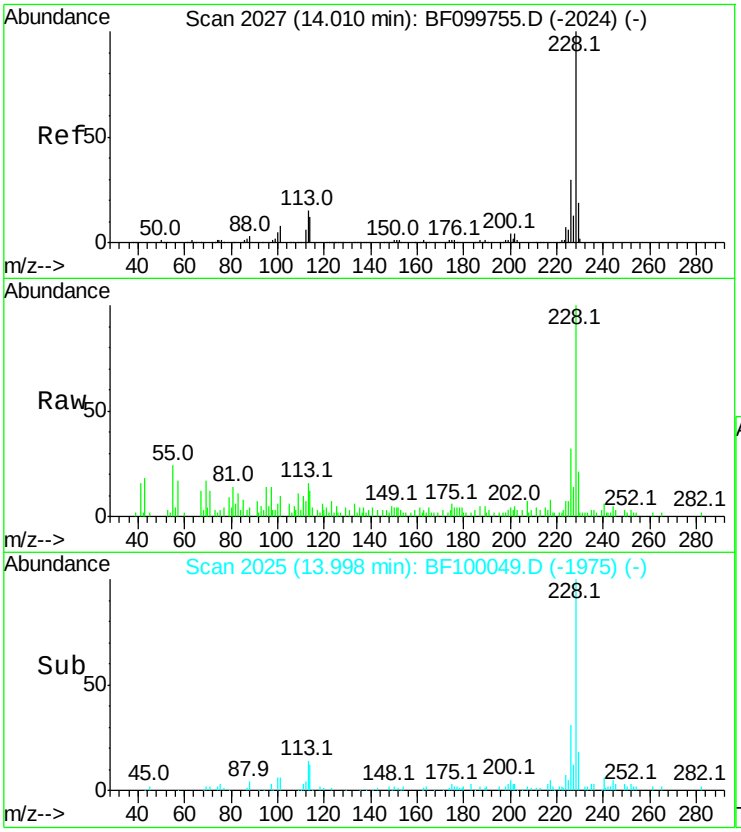


#80
Benzo(a)anthracene
Concen: 2.357 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion:228 Resp: 23242

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	22.5	15.8	23.6



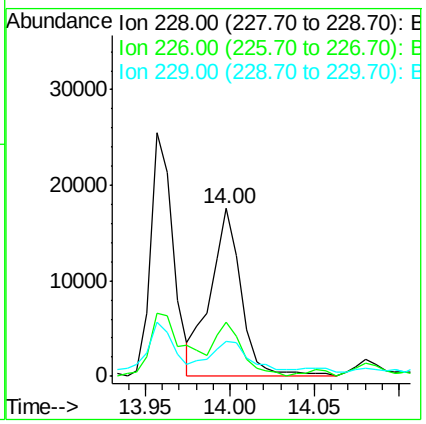


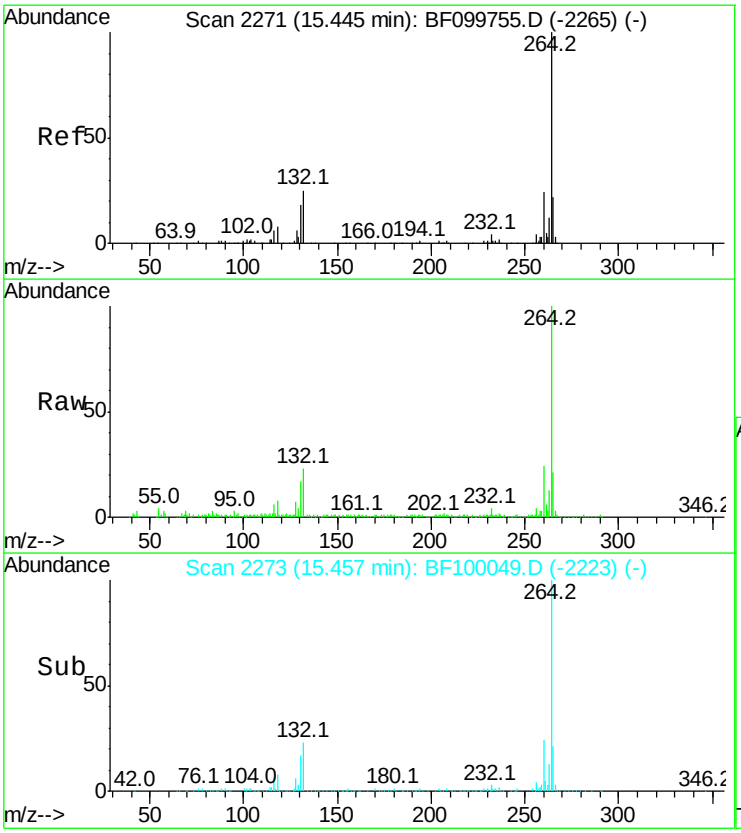
#82
Chrysene
Concen: 2.443 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 22650

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	21.2	16.2	24.4

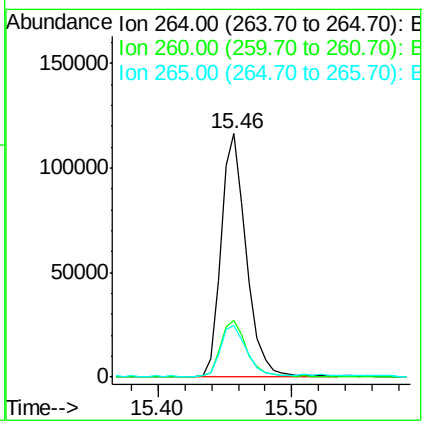


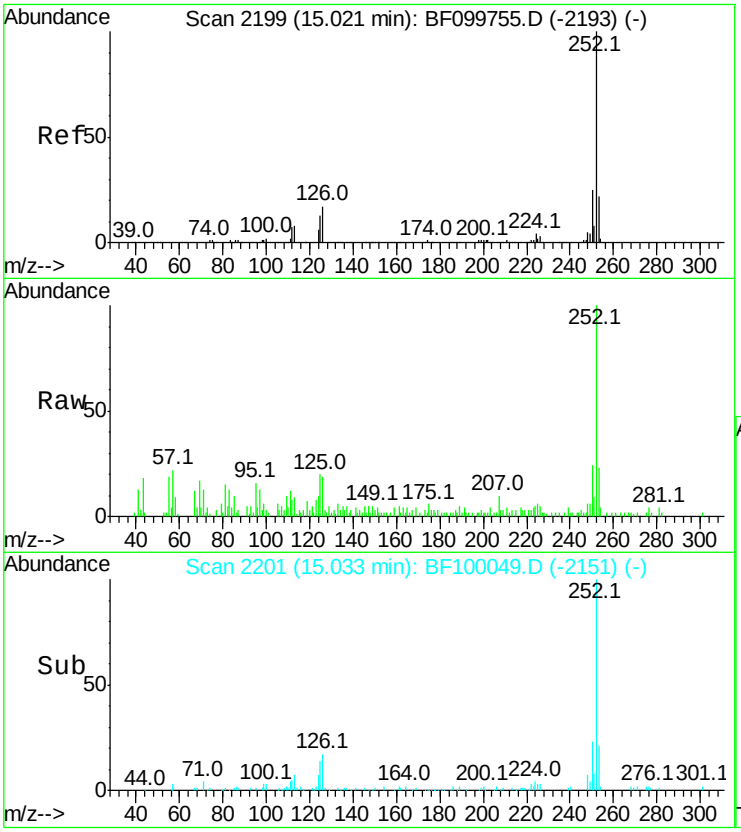


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion:264 Resp: 155159

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3



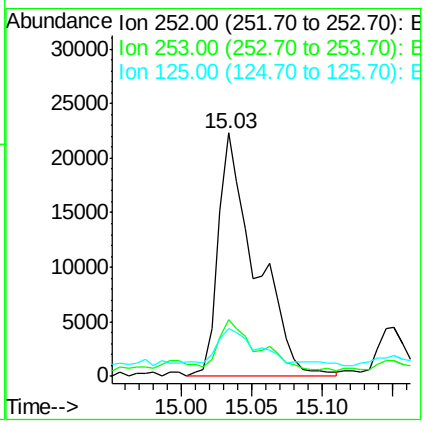


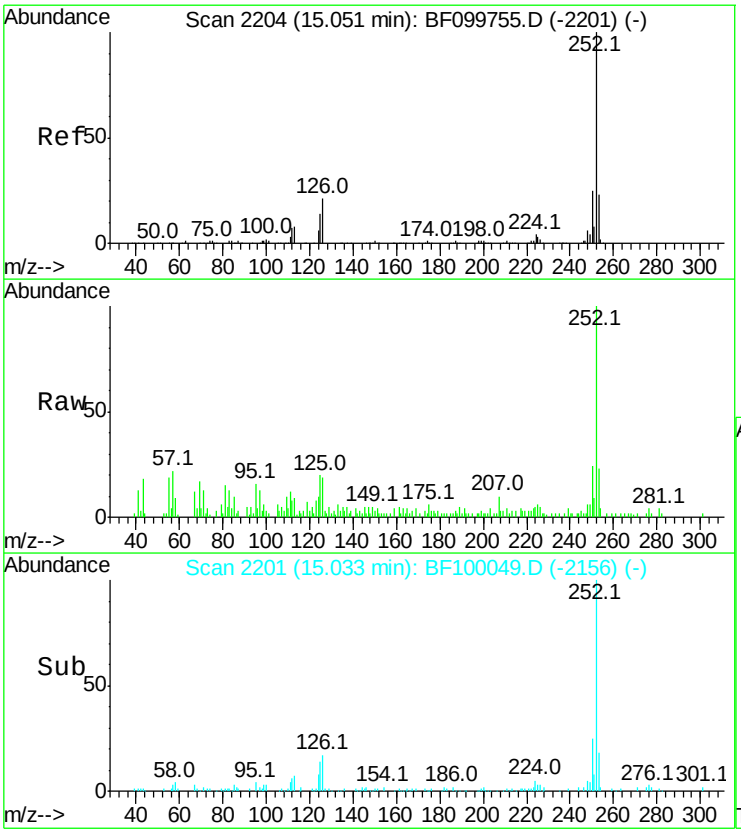
#87
Benzo(b)fluoranthene
Concen: 4.232 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41468

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	19.5	9.0	13.6#

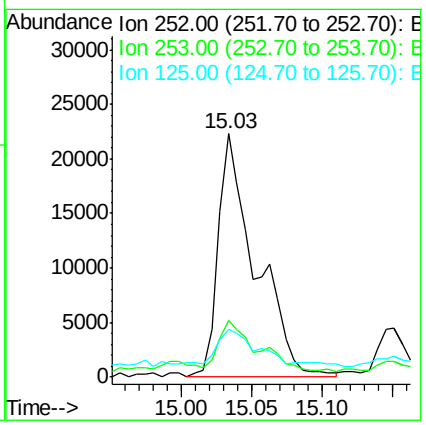


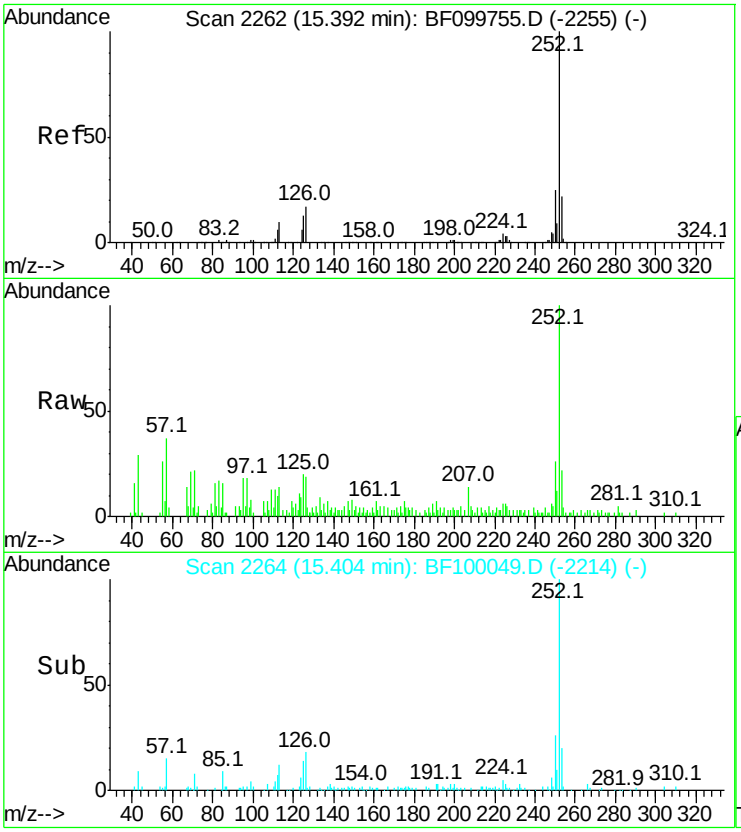


#88
Benzo(k)fluoranthene
Concen: 4.488 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion:252 Resp: 41468

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	19.5	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.408 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 21191

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	20.1	9.8	14.6#