Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110187.D
Acq On : 26 Oct 2018 3:29
Operator : JU/SJ
Sample : J5621-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-SED-01

Quant Time: Oct 26 07:34:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124202	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	447436	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	172167	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	297132	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	227844	20.00	ng	-0.01
87) Perylene-d12	15.68	264	175860	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	777844	101.99	ng	0.00
7) Phenol-d6	6.59	99	933579	95.70	ng	-0.01
23) Nitrobenzene-d5	7.53	82	540867	71.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	156433	91.73	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	862947	78.71	ng	-0.01
79) Terphenyl-d14	13.09	244	708495	64.67	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.60	94	129658	12.434	ng	# 63
50) Dimethylphthalate	9.72	163	131465	10.344	ng	99
75) Fluoranthene	12.72	202	46463	2.945	ng	98
78) Pyrene	12.95	202	43565	2.667	ng	97

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

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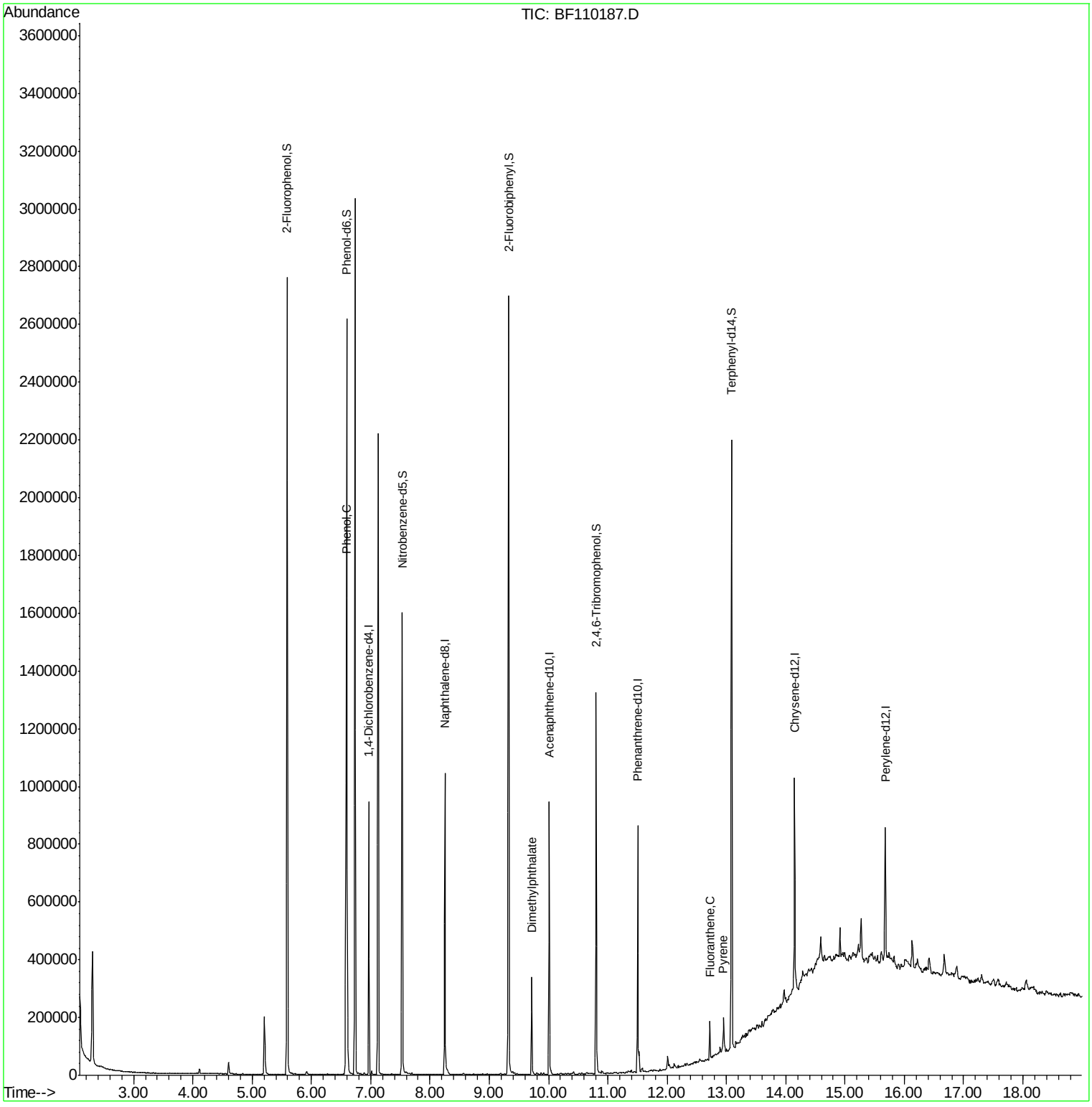
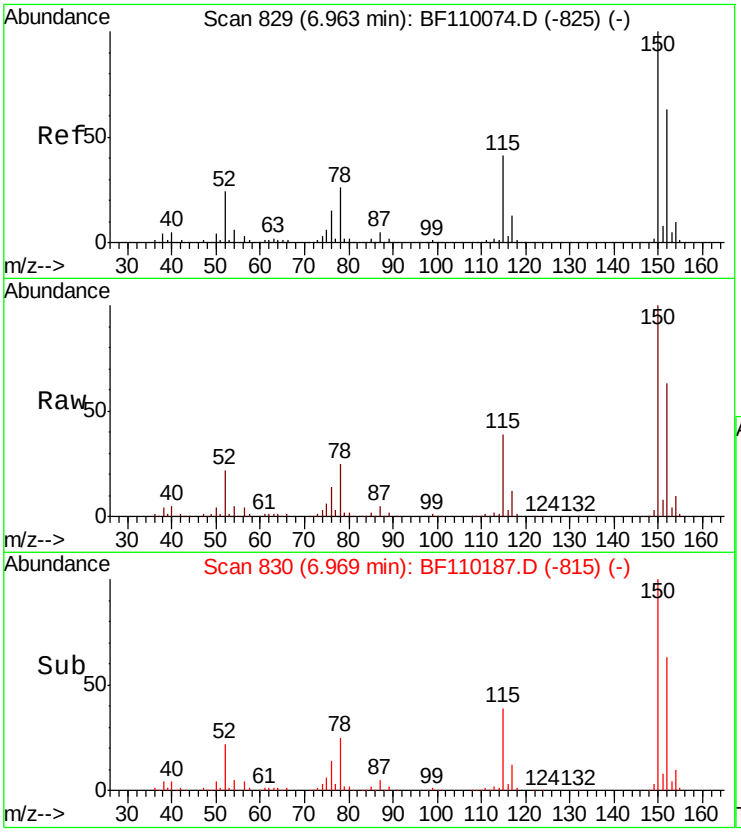


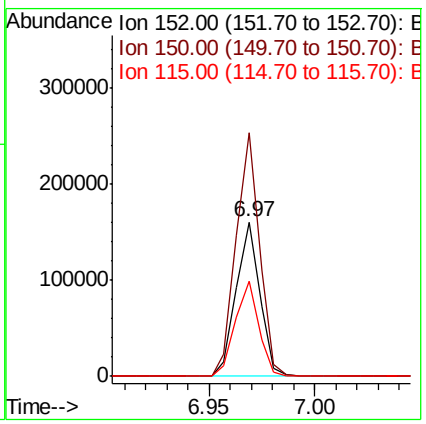


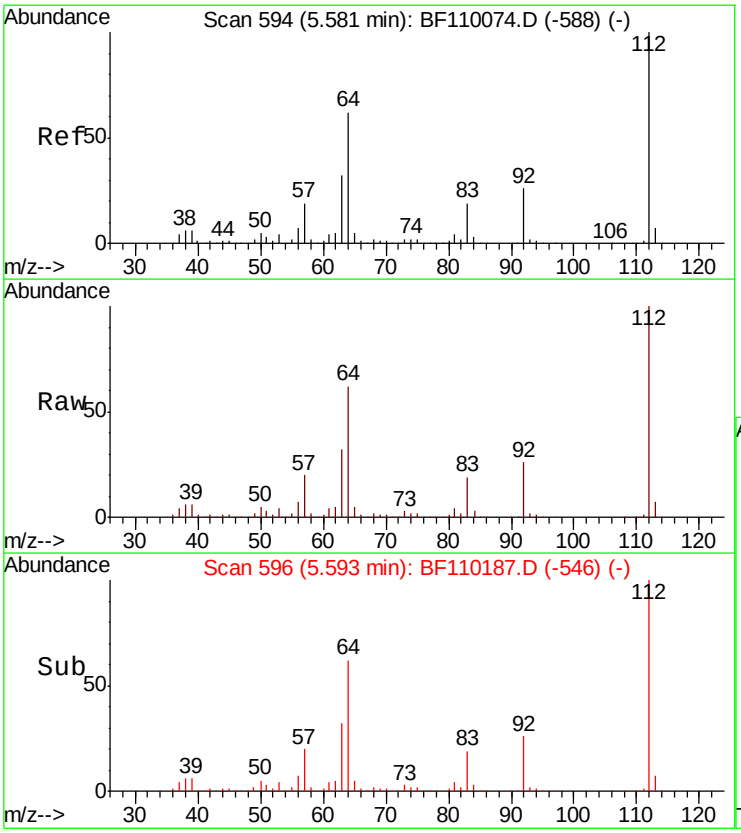
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :
SA-SED-01

Tgt Ion:152 Resp: 124202

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	61.3	49.1	73.7

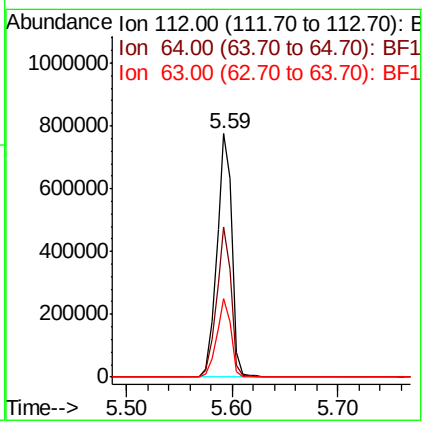


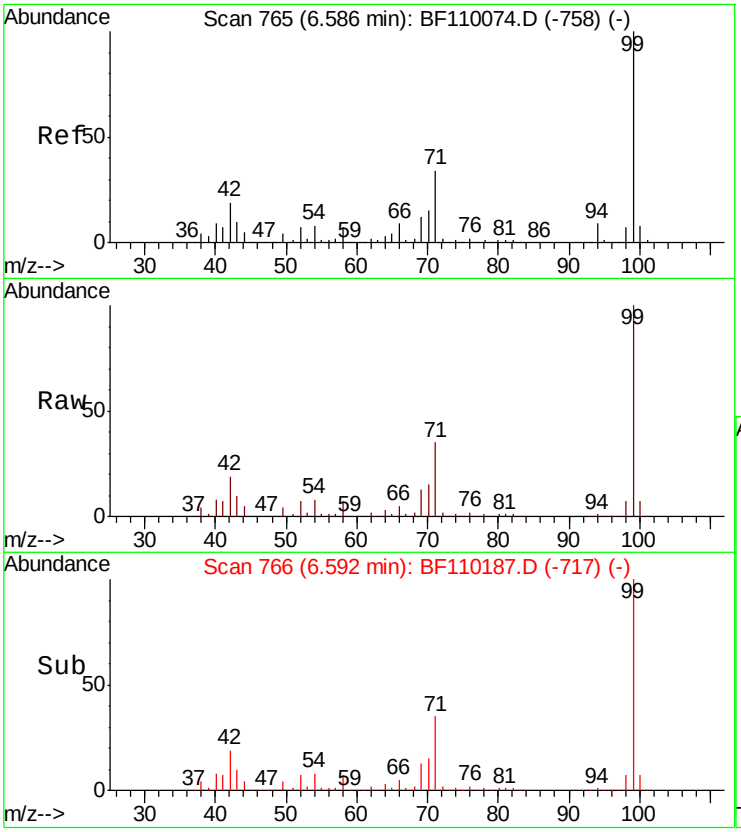


#5
2-Fluorophenol
Concen: 101.986 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion:112 Resp: 777844

Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	32.3	23.7	35.5



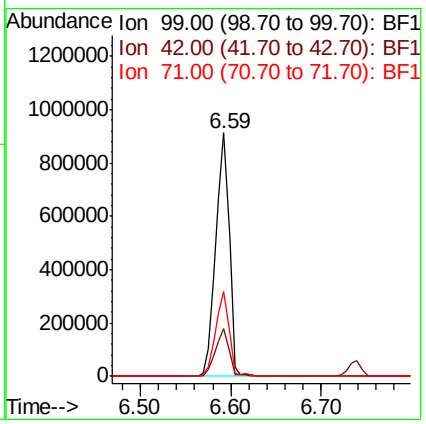


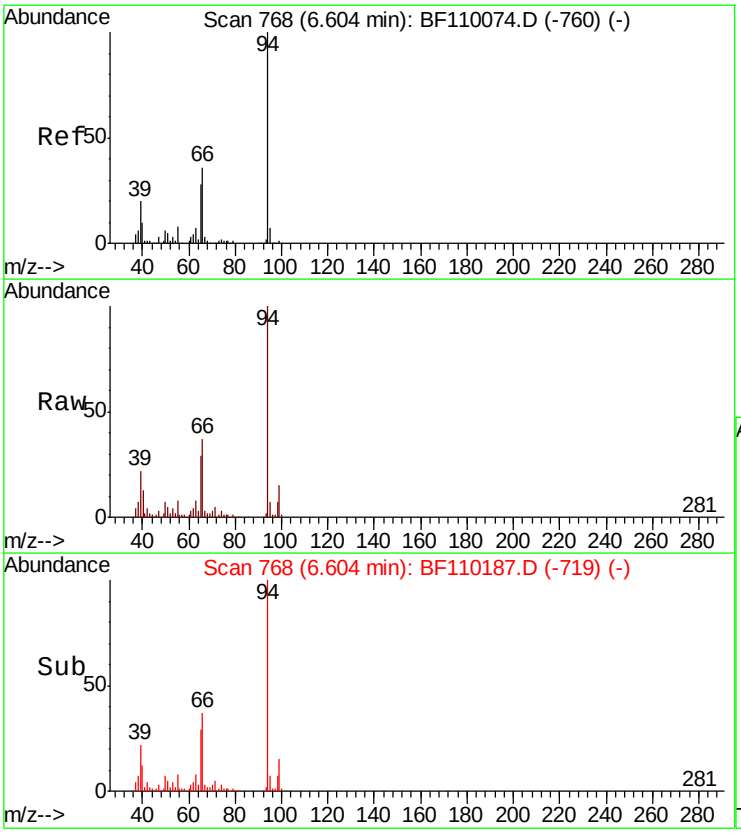
#7
Phenol-d6
Concen: 95.698 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :
SA-SED-01

Tgt Ion: 99 Resp: 933579

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	34.6	28.0	42.0

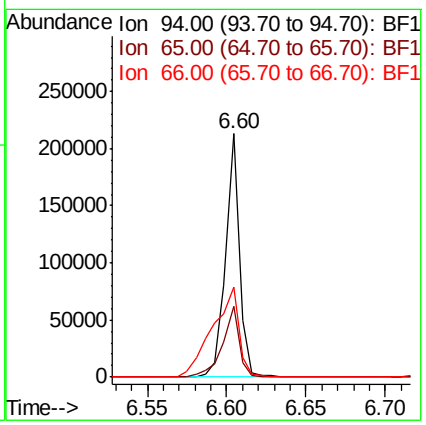


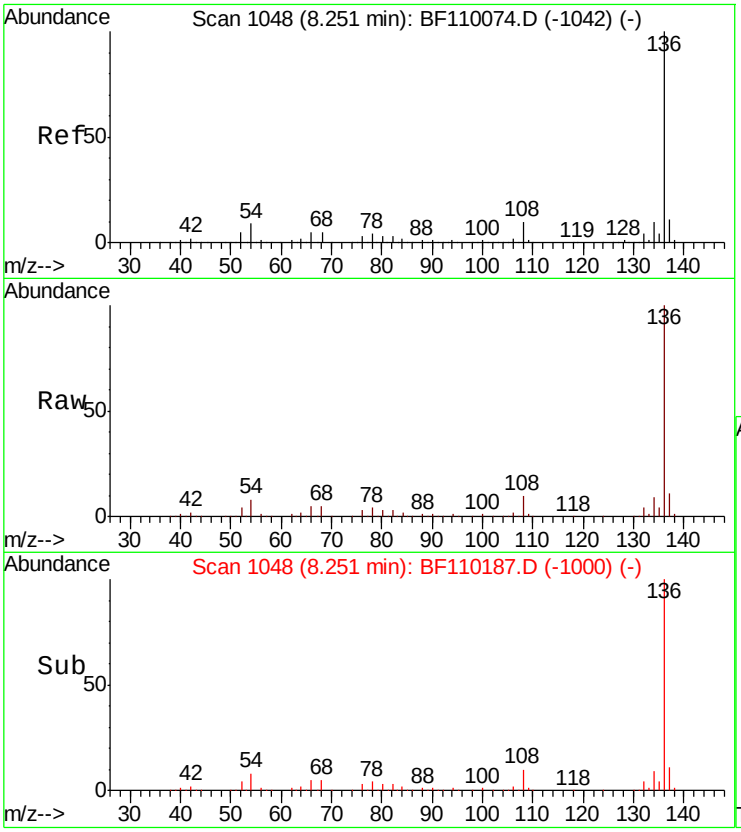


#10
Phenol
Concen: 12.434 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion: 94 Resp: 129658

Ion	Ratio	Lower	Upper
94	100		
65	29.0	25.3	65.3
66	37.2	54.5	94.5#



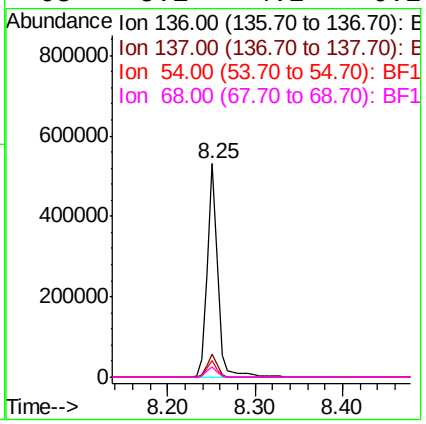


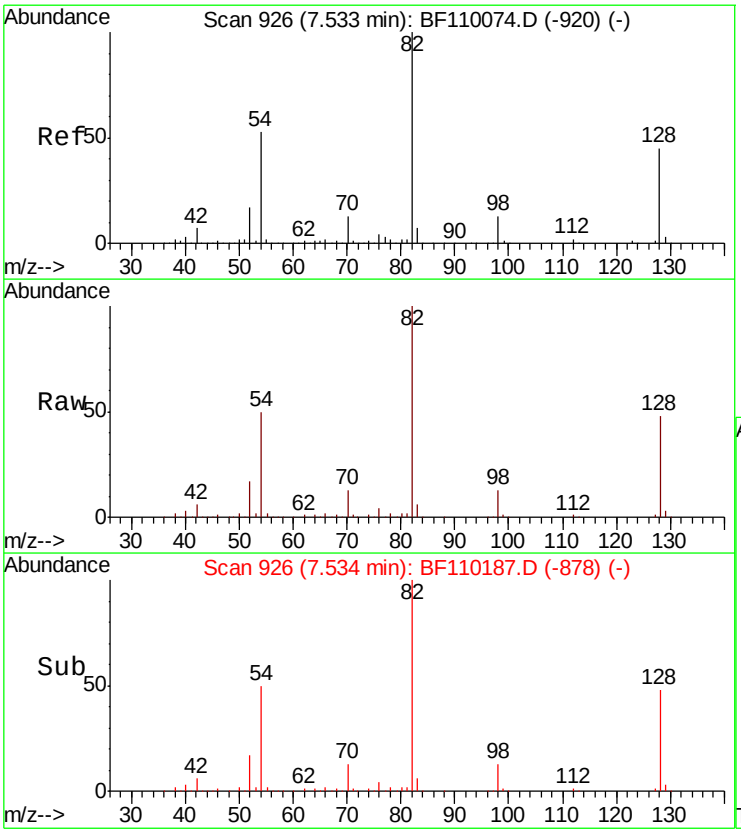
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :
SA-SED-01

Tgt Ion:136 Resp: 447436

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	5.4	8.2
68	5.1	4.2	6.2

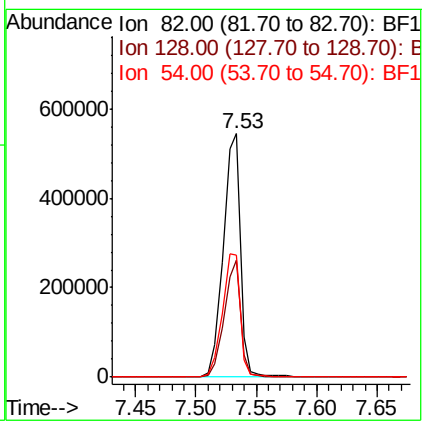


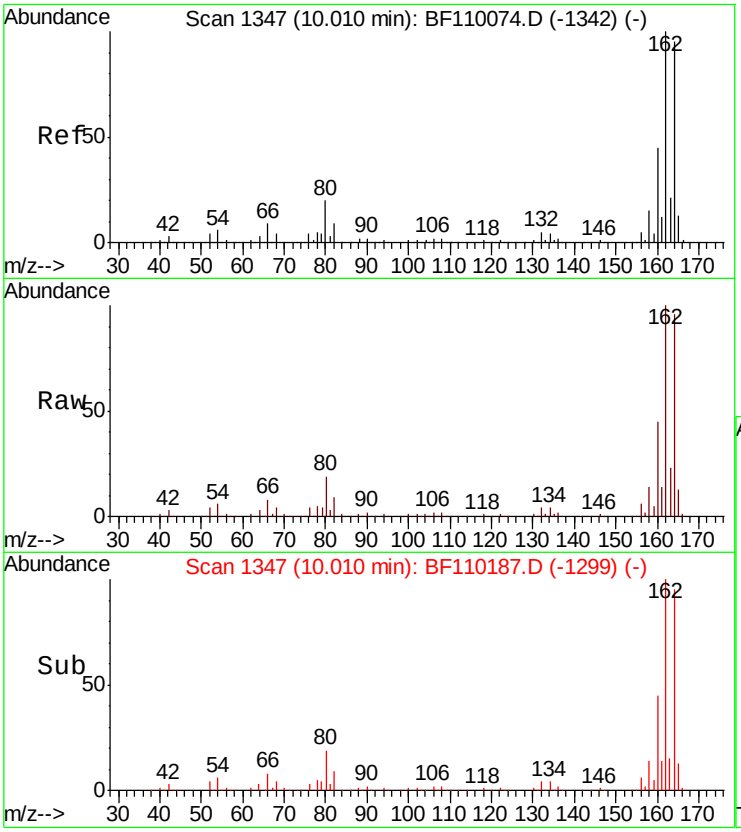


#23
Nitrobenzene-d5
Concen: 71.699 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion: 82 Resp: 540867

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.2	51.2
54	49.9	38.6	58.0



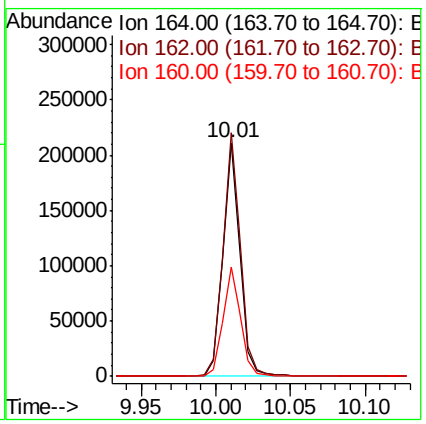


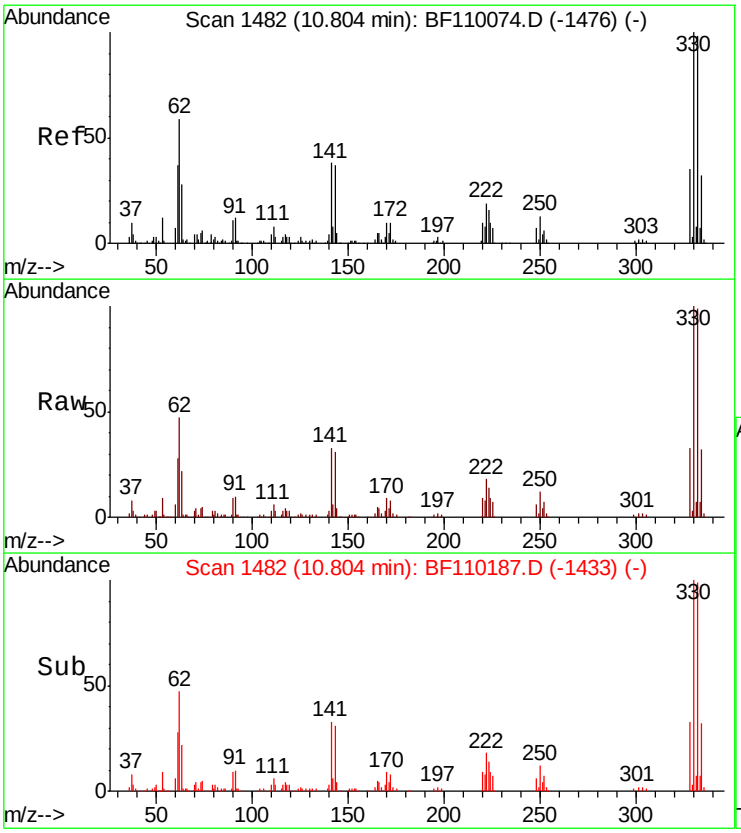
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :
SA-SED-01

Tgt Ion:164 Resp: 172167

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	46.6	37.0	55.6

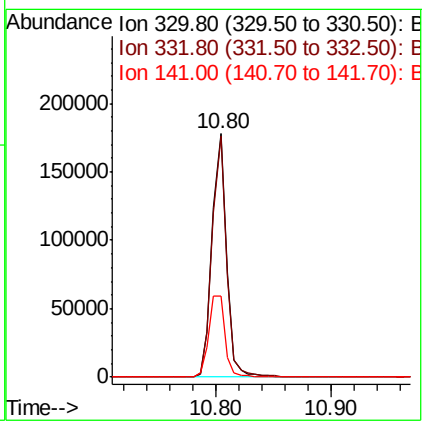


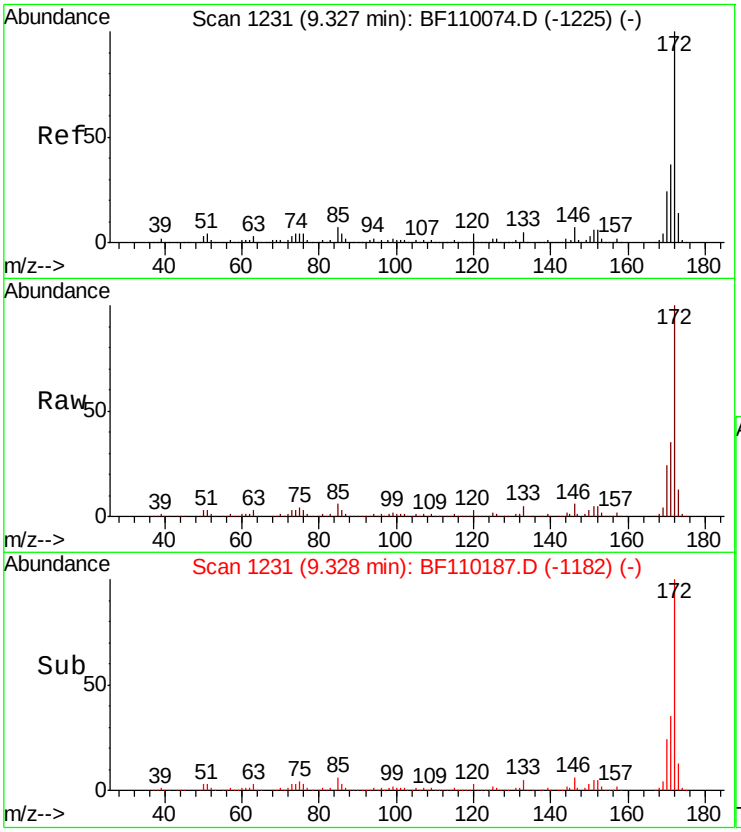


#42
2,4,6-Tribromophenol
Concen: 91.727 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion:330 Resp: 156433

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	37.1	27.0	40.4



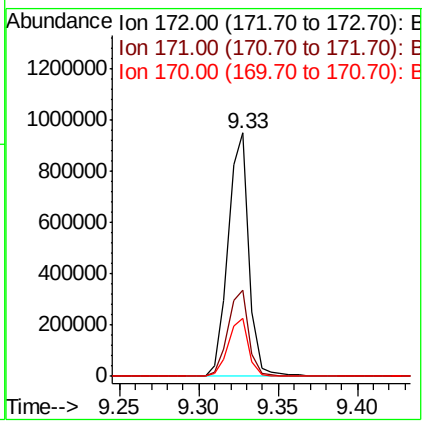


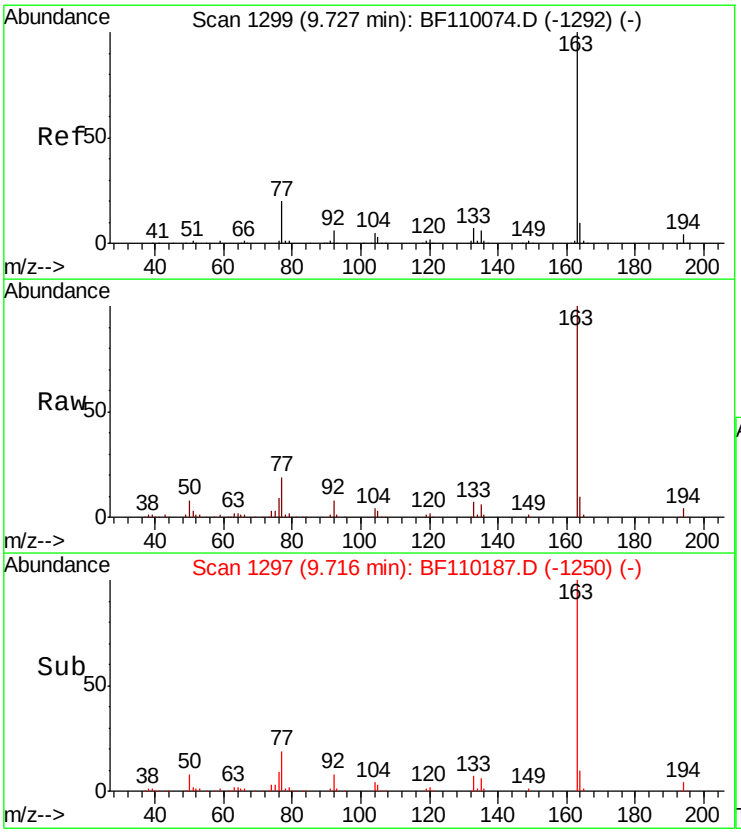
#45
2-Fluorobiphenyl
Concen: 78.706 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :
SA-SED-01

Tgt Ion:172 Resp: 862947

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.8	19.7	29.5

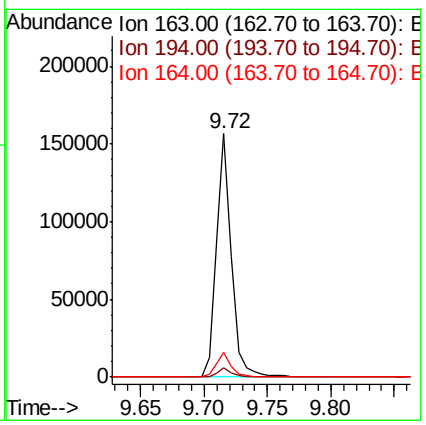


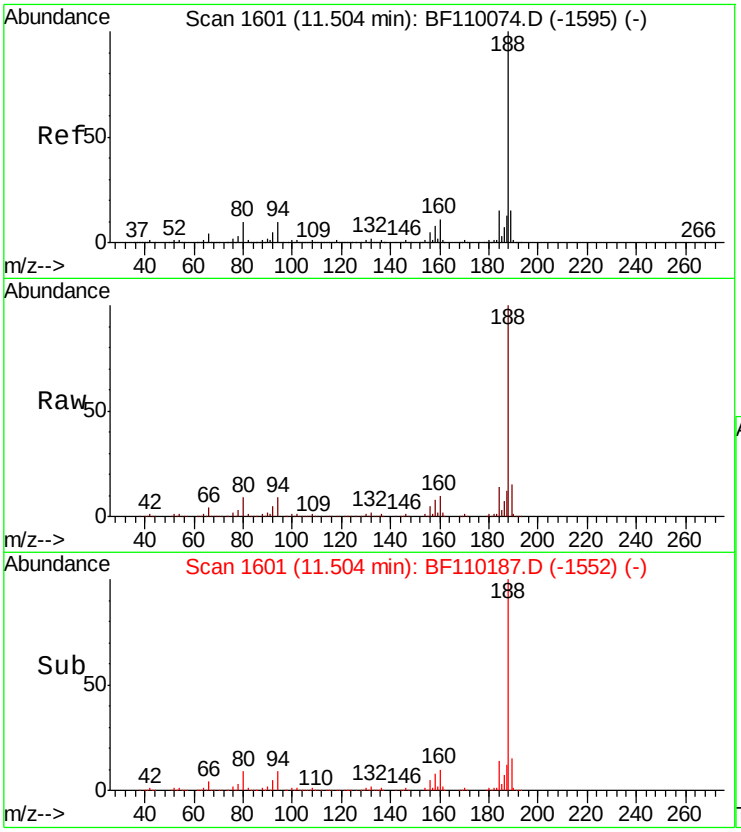


#50
Dimethylphthalate
Concen: 10.344 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion:163 Resp: 131465

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.4	8.1	12.1



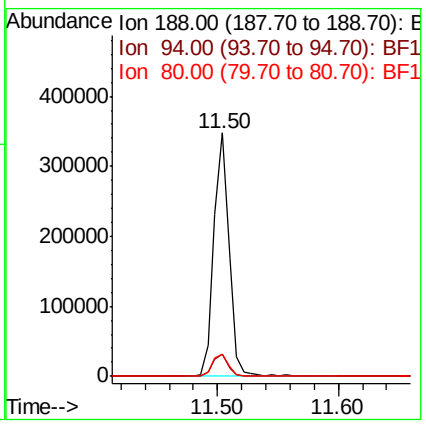


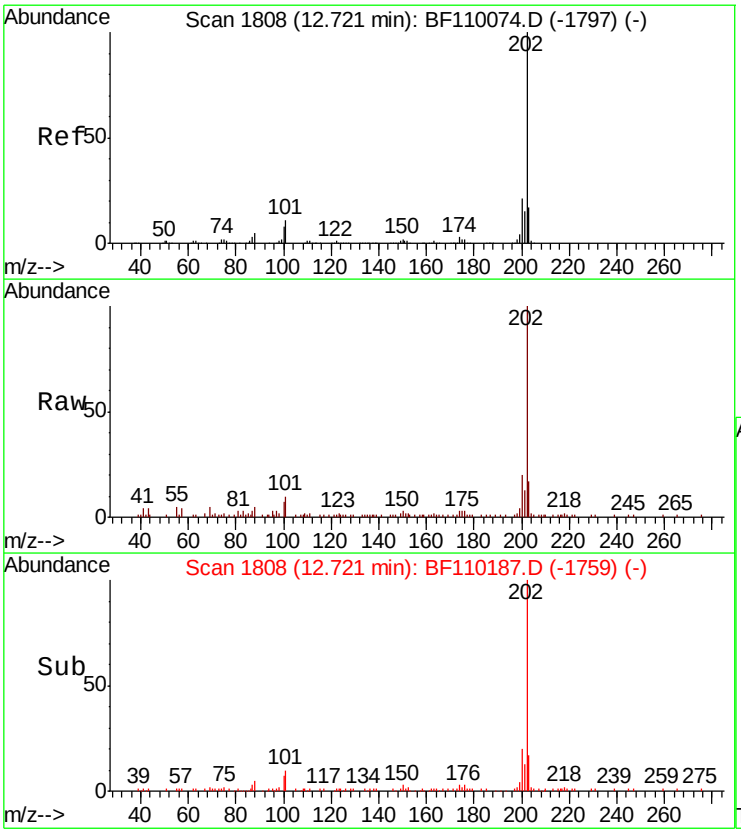
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :
SA-SED-01

Tgt Ion:188 Resp: 297132

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.3	7.9	11.9

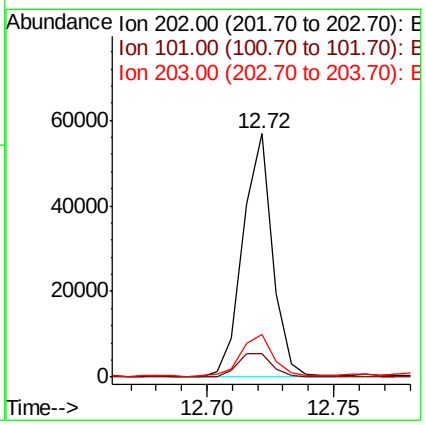


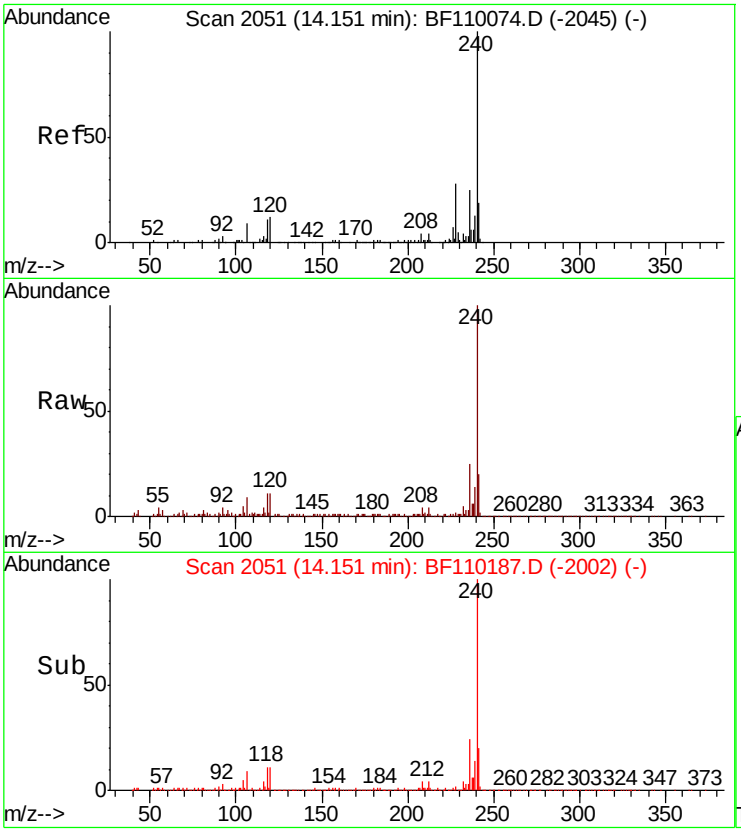


#75
Fluoranthene
Concen: 2.945 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion:202 Resp: 46463

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.4
203	17.3	0.0	37.7



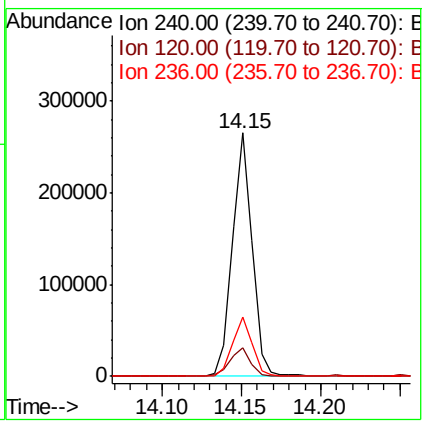


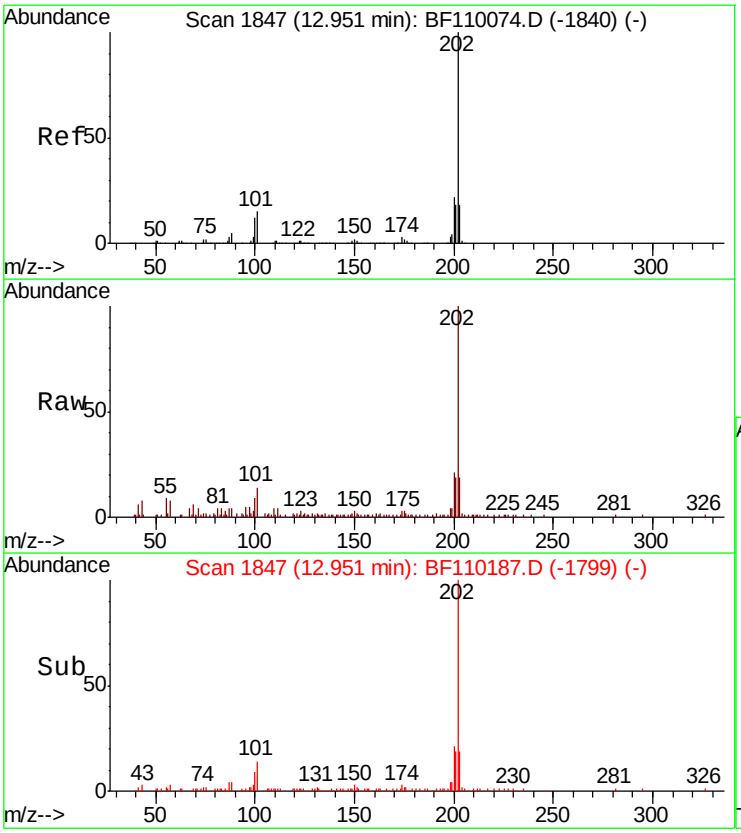
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :
SA-SED-01

Tgt Ion:240 Resp: 227844

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	24.6	21.2	31.8

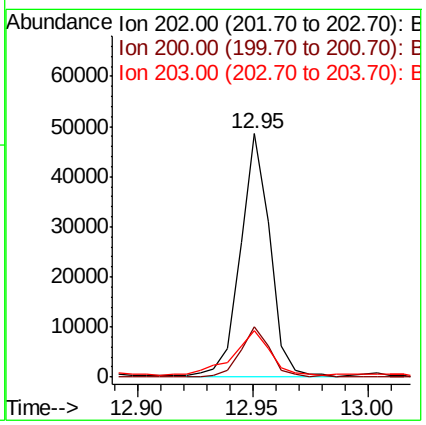


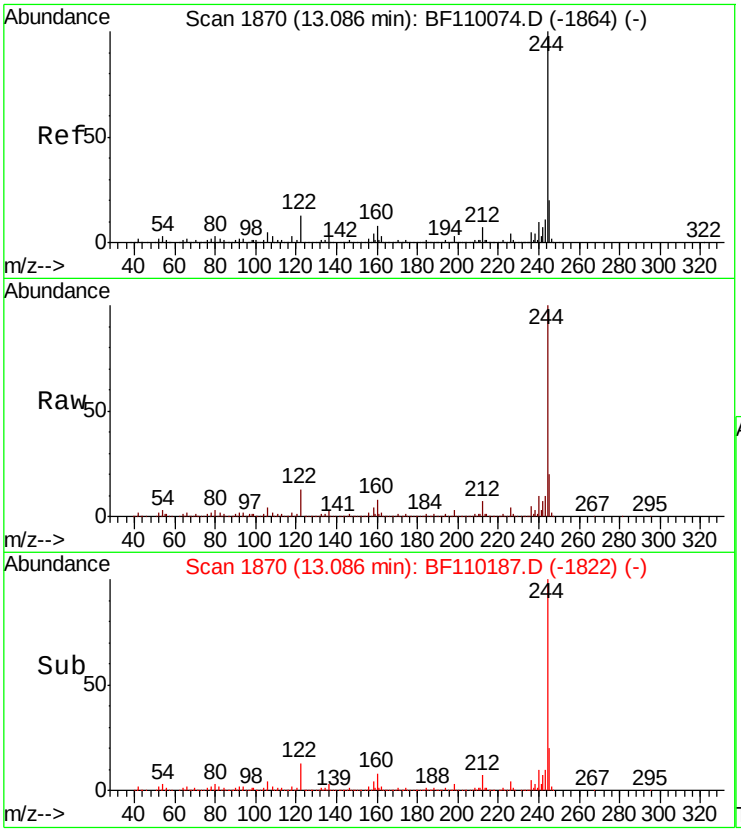


#78
Pyrene
Concen: 2.667 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion:202 Resp: 43565

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	19.3	14.2	21.4



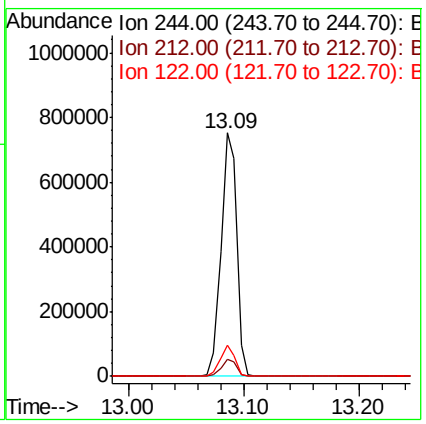


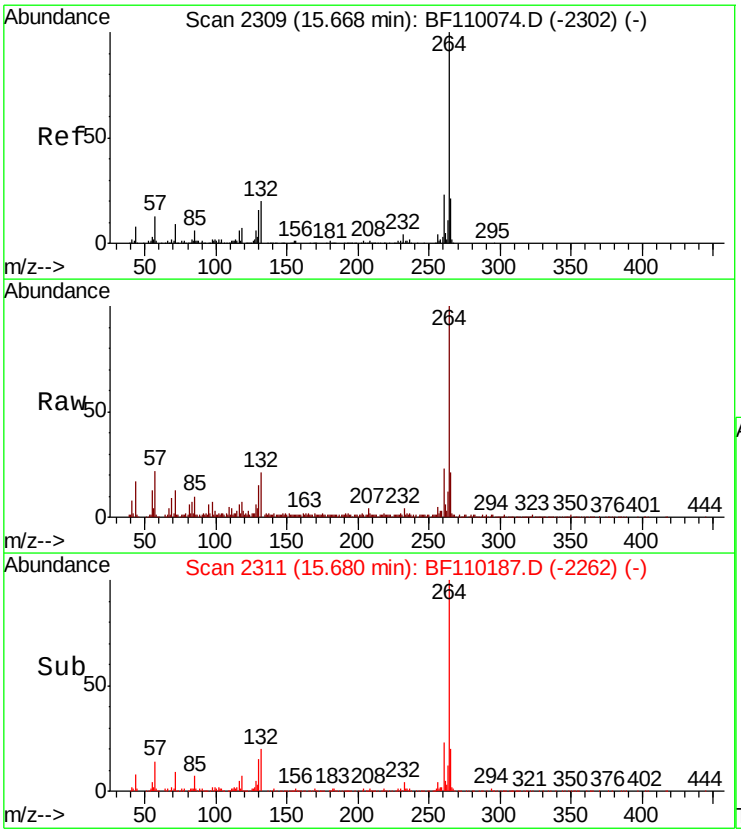
#79
Terphenyl-d14
Concen: 64.670 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :
SA-SED-01

Tgt Ion:244 Resp: 708495

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.8	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion:264 Resp: 175860

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.6	16.7	25.1