Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
Data File : BF110322.D
Acq On : 30 Oct 2018 23:54
Operator : JU/SJ
Sample : J5665-02DL 50X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-06BDL

Quant Time: Oct 31 04:36:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	92580	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	364105	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	143822	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	226591	20.00	ng		0.00
76) Chrysene-d12	14.16	240	189598	20.00	ng		0.00
87) Perylene-d12	15.70	264	123833	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	7417	1.30	ng		0.00
7) Phenol-d6	6.59	99	10129	1.39	ng		0.00
23) Nitrobenzene-d5	7.74	82	1423	0.23	ng		0.21
42) 2,4,6-Tribromophenol	10.82	330	1175	0.82	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	11980	1.31	ng		0.00
79) Terphenyl-d14	13.09	244	9189	1.01	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.50	117	24421	9.144	ng	#	1
22) Acetophenone	7.36	105	55640	6.632	ng	#	59
31) Naphthalene	8.27	128	217563	12.965	ng		99
33) 4-Chloroaniline	8.27	127	28857	3.821	ng	#	34
37) 2-Methylnaphthalene	8.97	142	256210	23.076	ng		99
38) 1-Methylnaphthalene	9.07	142	149794	13.961	ng		98
51) 2,6-Dinitrotoluene	10.02	165	19531	8.541	ng	#	21

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

Quantitation Report (Not Reviewed)

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BNA_F
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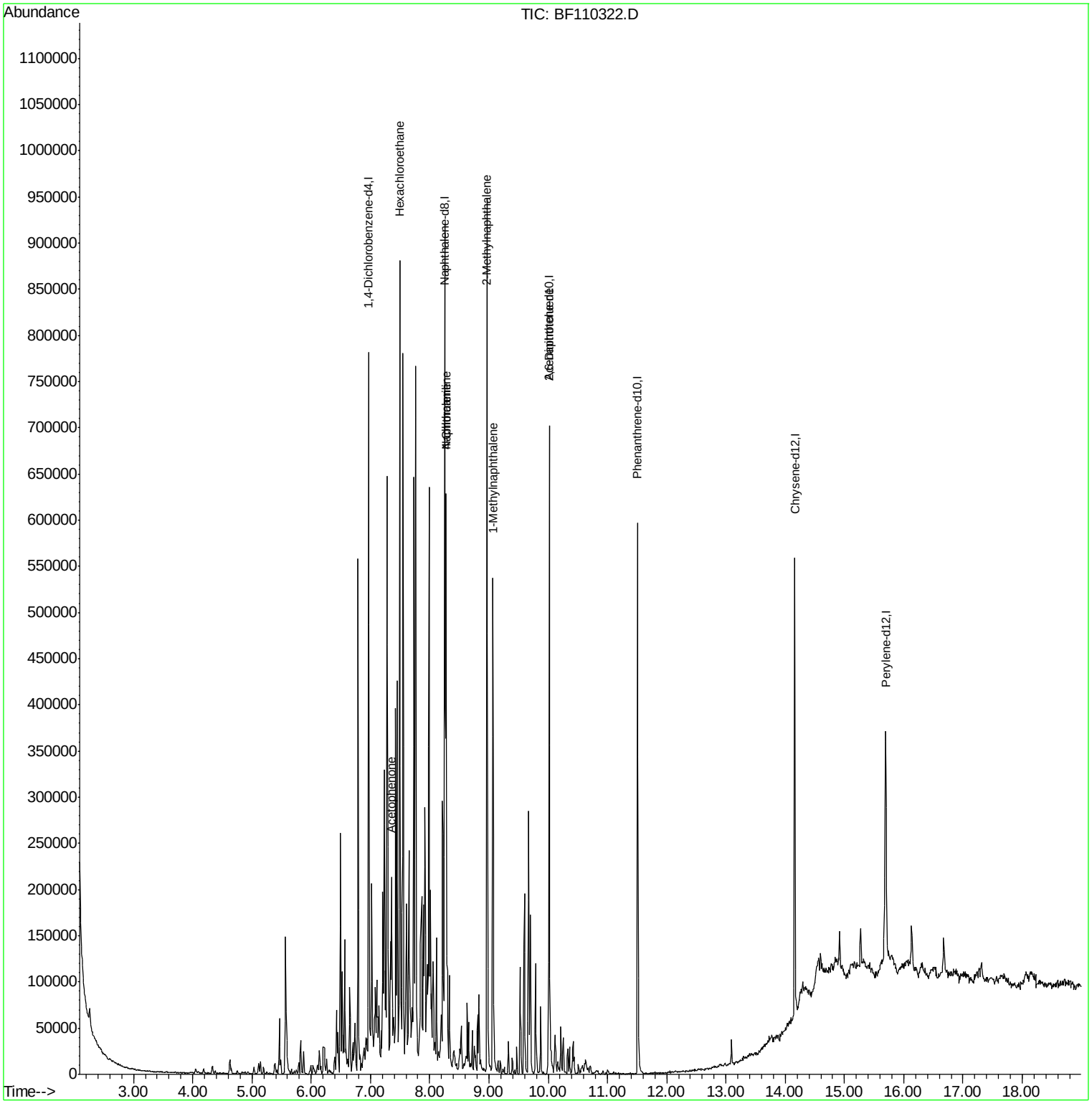
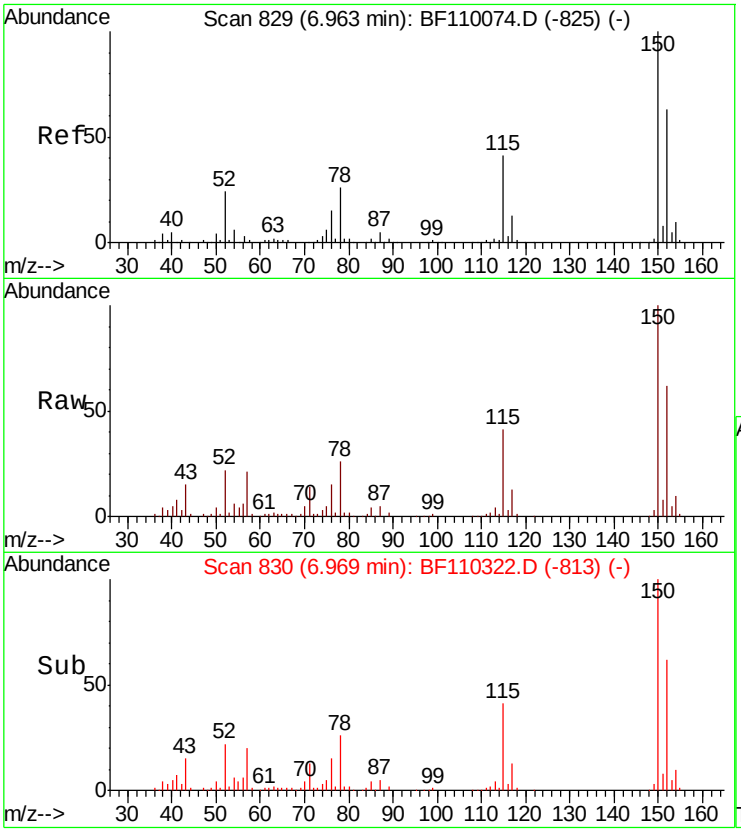
DL-06BDL

Quant Time: Oct 31 04:36:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration



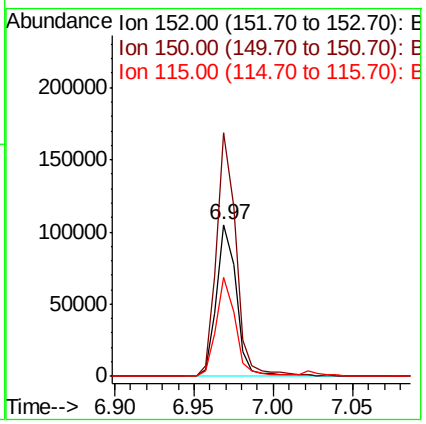


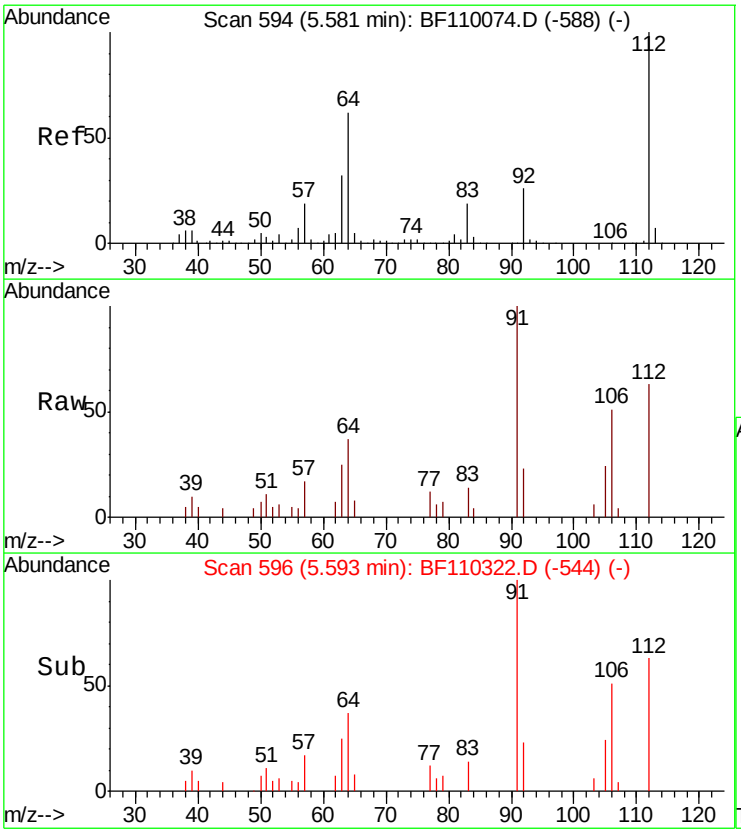
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion:152 Resp: 92580

Ion	Ratio	Lower	Upper
152	100		
150	160.5	122.7	184.1
115	65.3	49.1	73.7

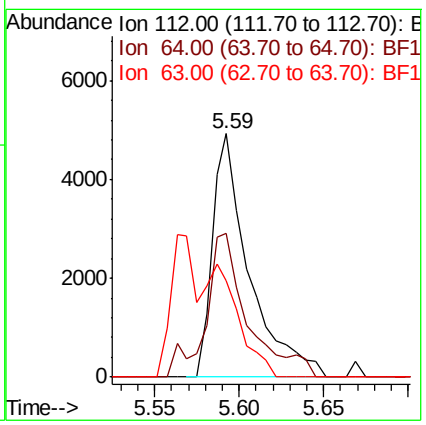


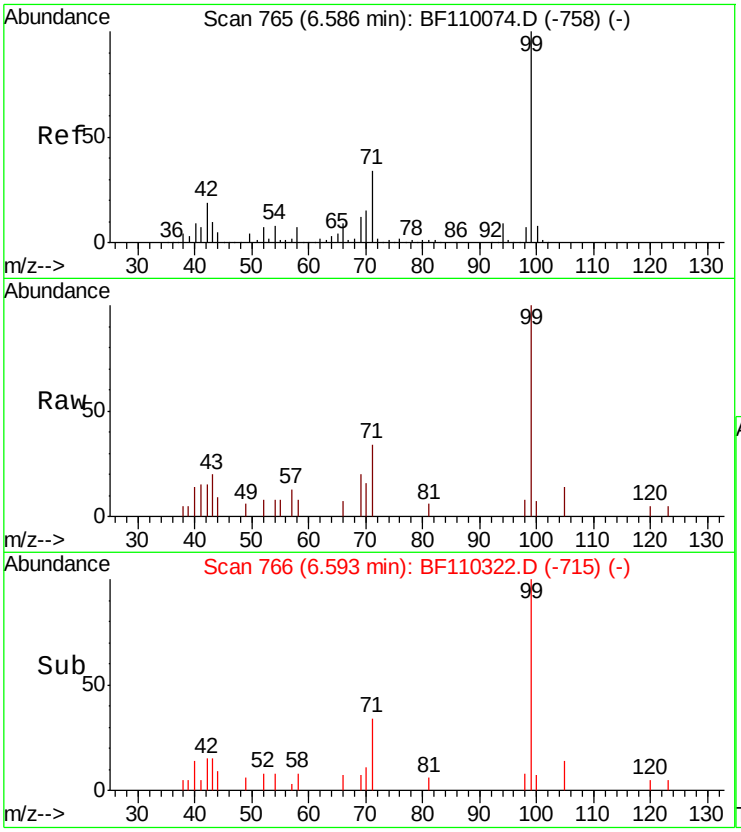


#5
2-Fluorophenol
Concen: 1.305 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Tgt Ion:112 Resp: 7417

Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	39.4	23.7	35.5#



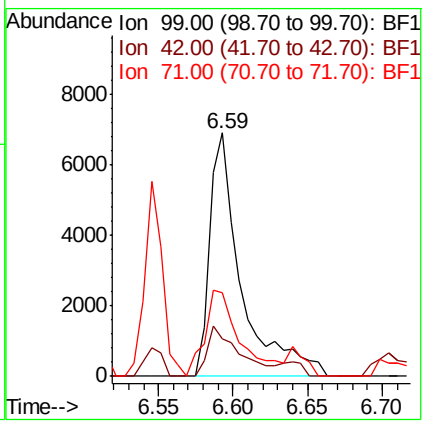


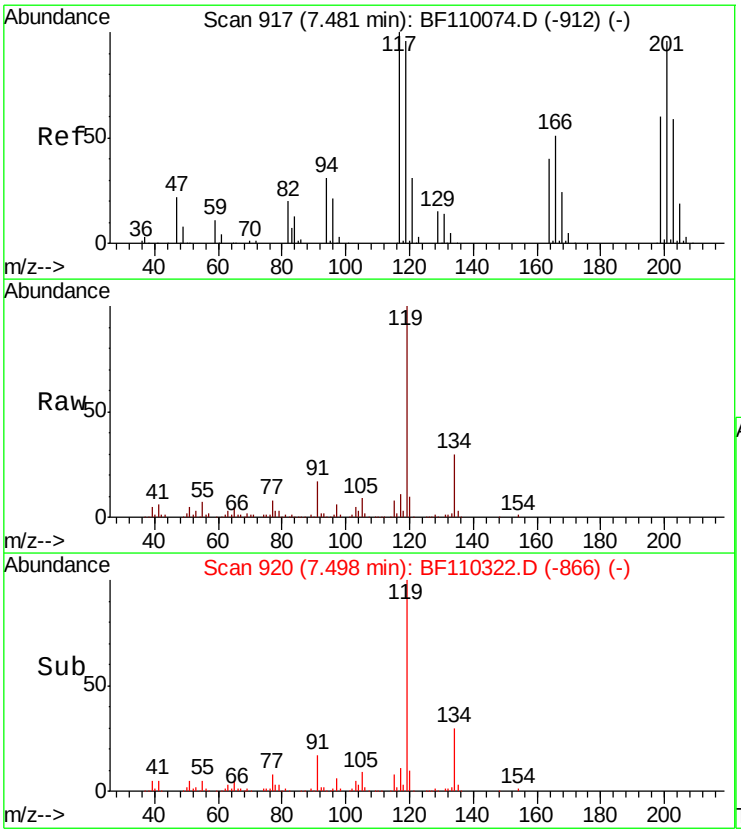
#7
Phenol-d6
Concen: 1.393 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion: 99 Resp: 10129

Ion	Ratio	Lower	Upper
99	100		
42	15.2	15.8	23.6#
71	34.2	28.0	42.0

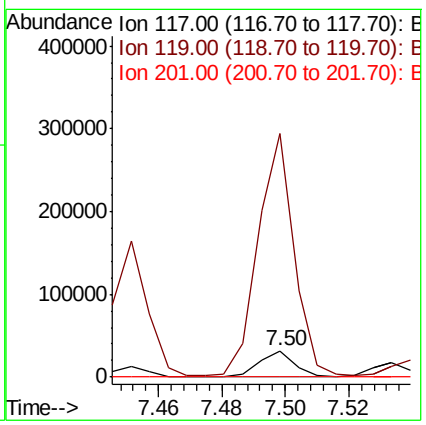


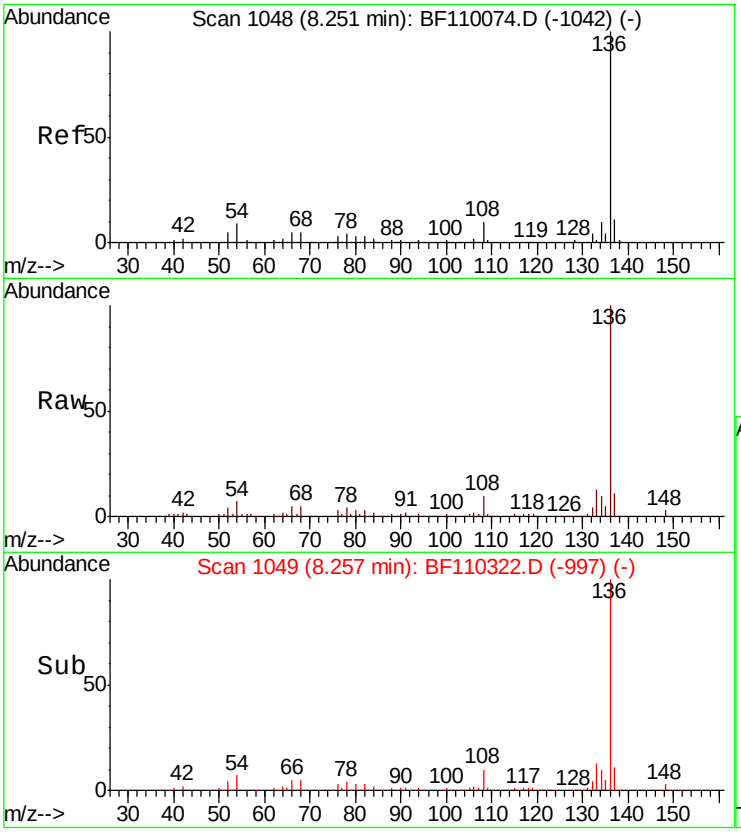


#18
Hexachloroethane
Concen: 9.144 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.02 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Tgt Ion:117 Resp: 24421

Ion	Ratio	Lower	Upper
117	100		
119	922.2	75.0	112.6#
201	0.0	79.2	118.8#



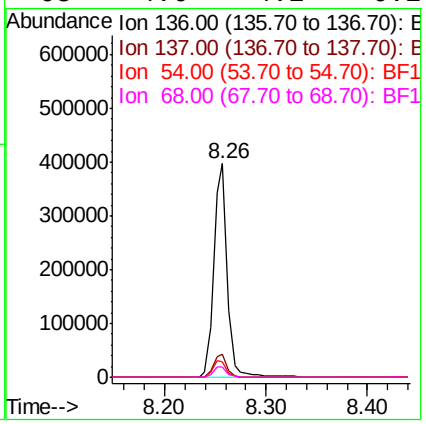


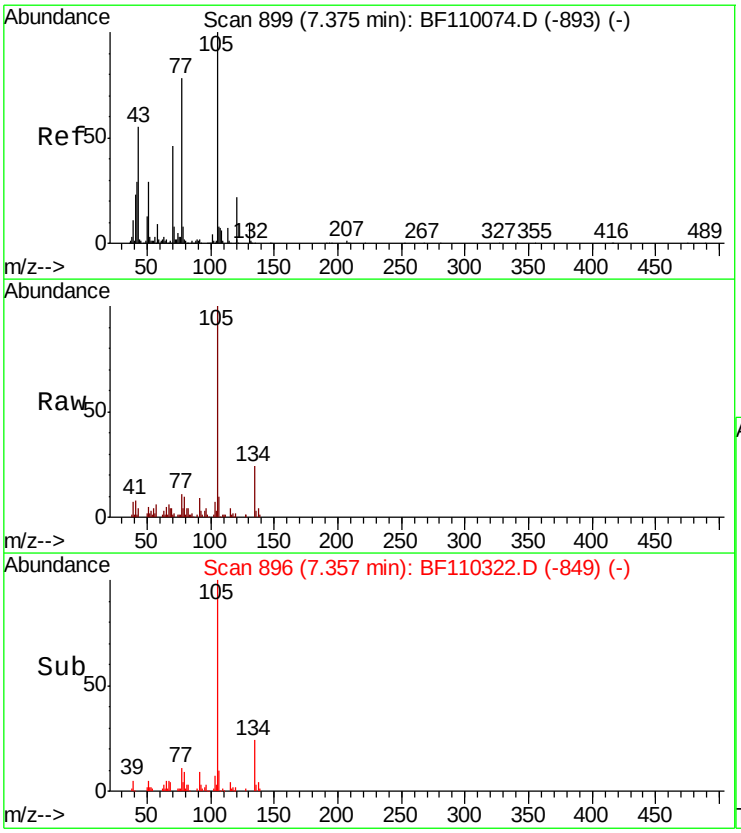
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion:136 Resp: 364105

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	5.4	8.2
68	4.6	4.2	6.2

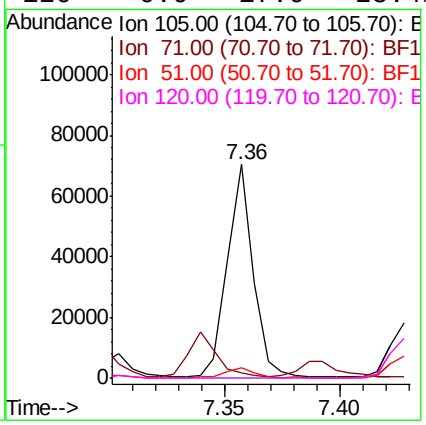


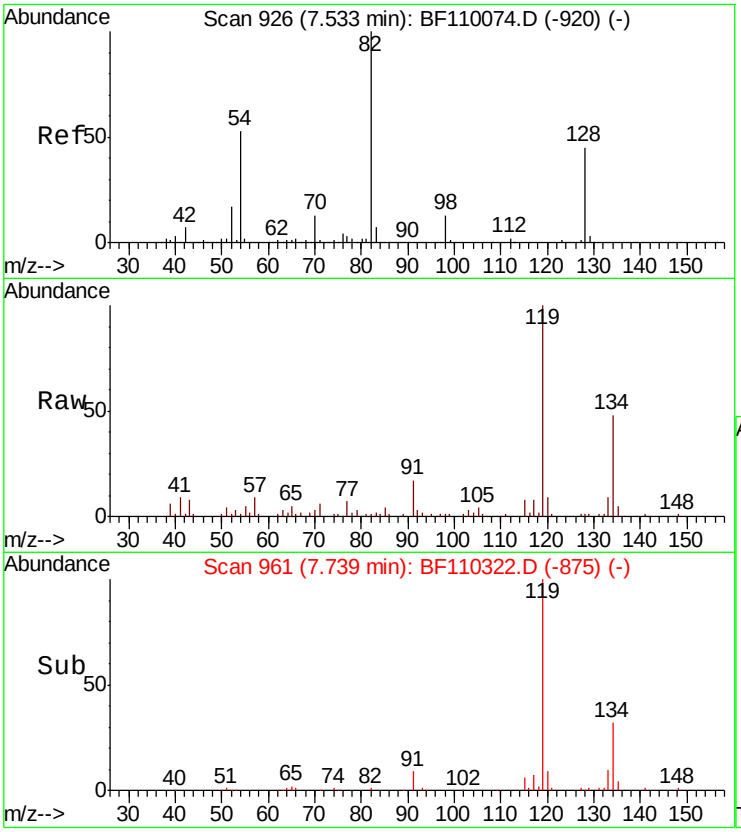


#22
Acetophenone
Concen: 6.632 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Tgt Ion:105 Resp: 55640

Ion	Ratio	Lower	Upper
105	100		
71	2.1	5.2	7.8#
51	4.6	21.8	32.8#
120	0.0	17.0	25.4#



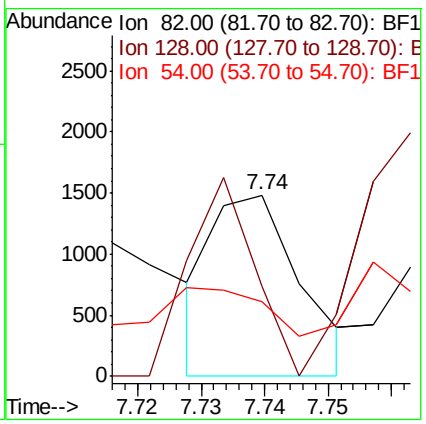


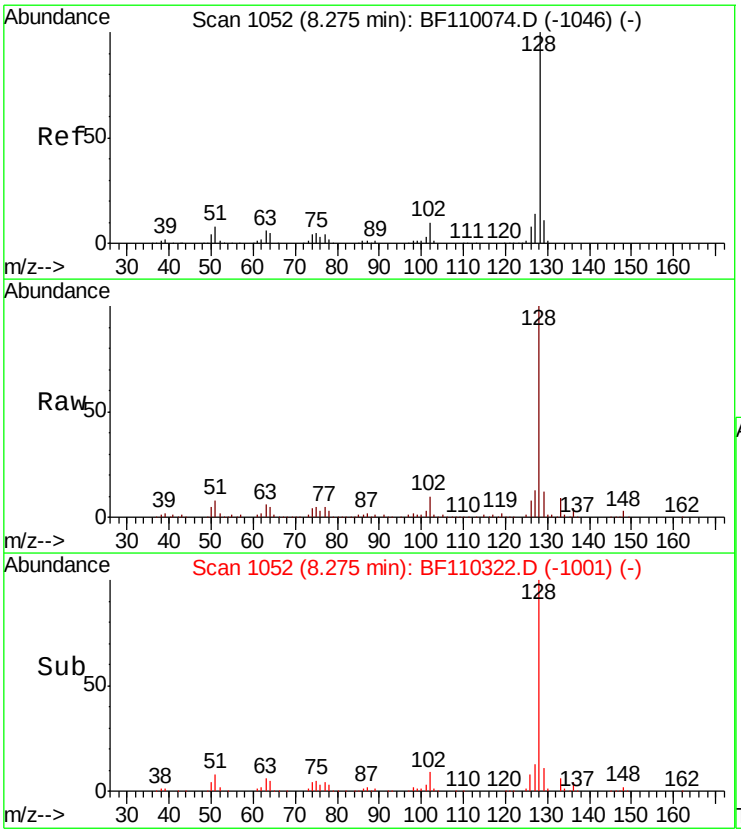
#23
Nitrobenzene-d5
Concen: 0.232 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.21 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion: 82 Resp: 1423

Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.2	51.2
54	40.8	38.6	58.0

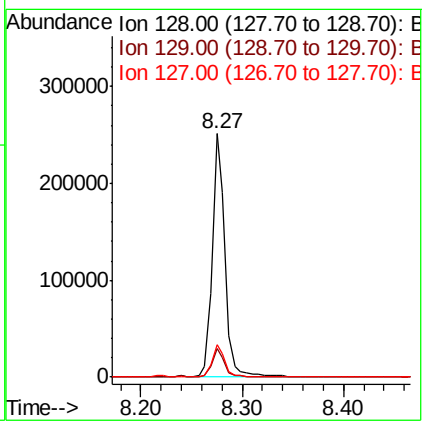


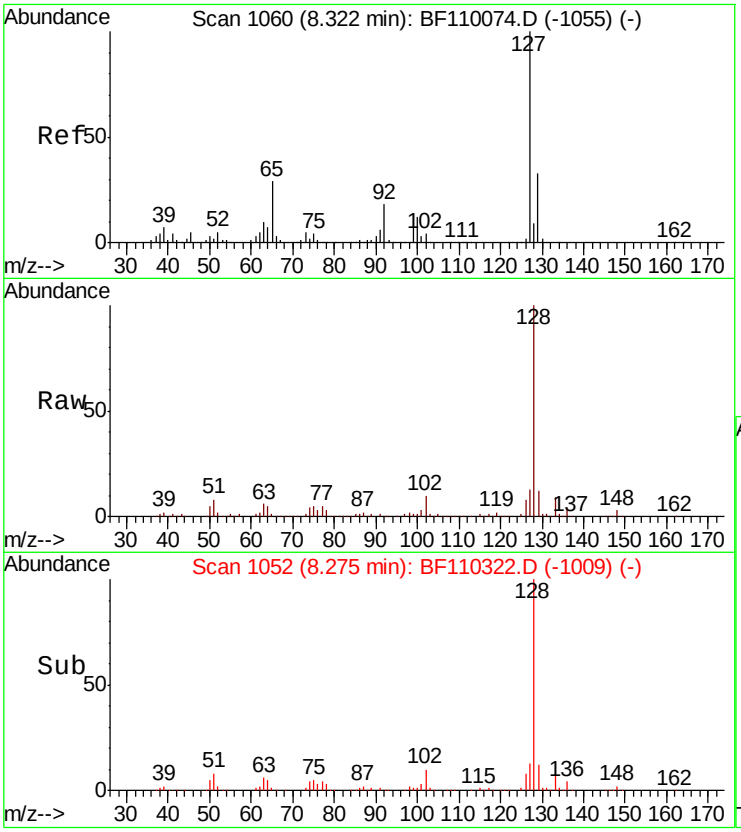


#31
Naphthalene
Concen: 12.965 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Tgt Ion:128 Resp: 217563

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.2	10.8	16.2



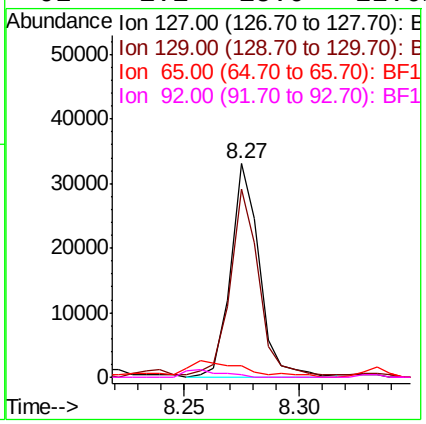


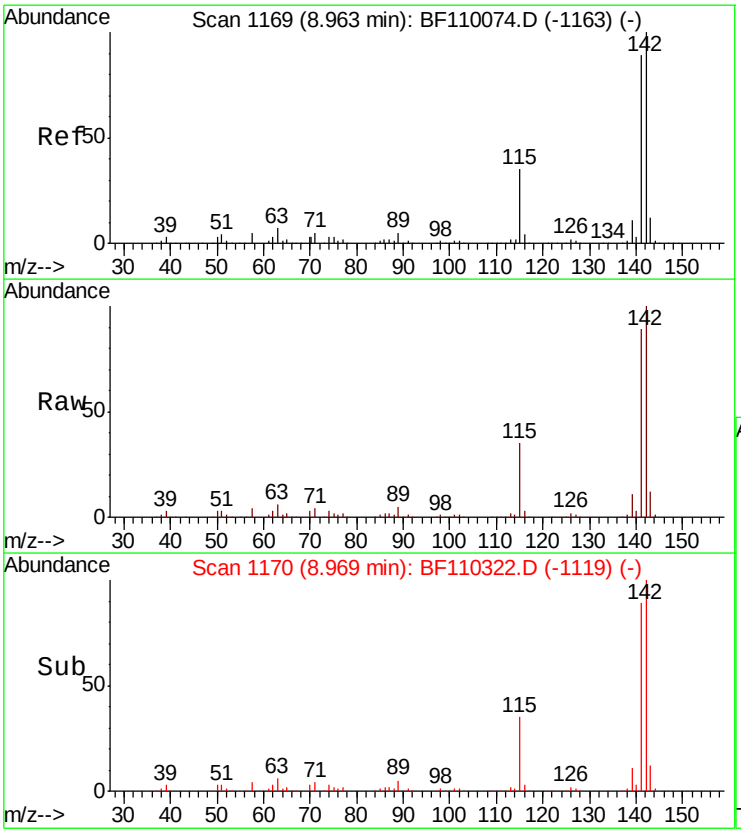
#33
4-Chloroaniline
Concen: 3.821 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.05 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion:127 Resp: 28857

Ion	Ratio	Lower	Upper
127	100		
129	88.2	26.0	39.0#
65	5.6	25.1	37.7#
92	1.1	15.0	22.6#

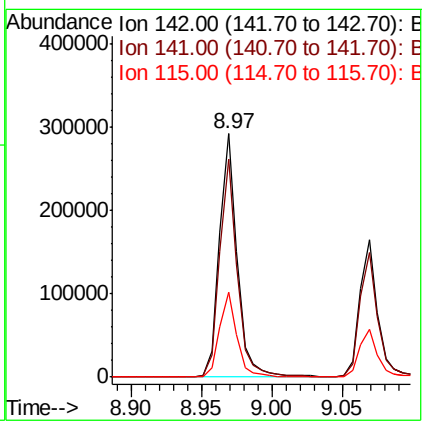


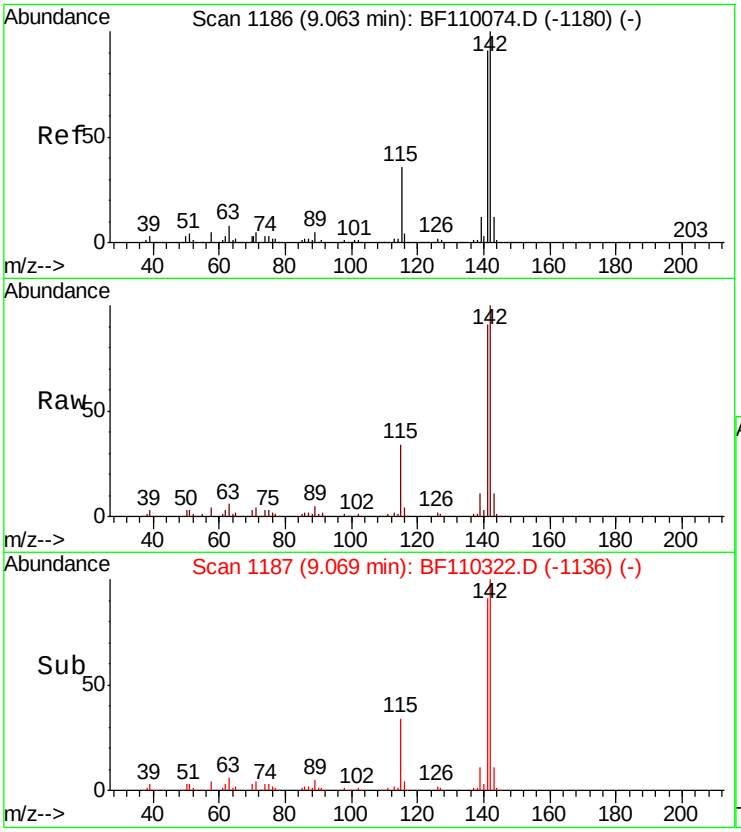


#37
2-Methylnaphthalene
Concen: 23.076 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Tgt Ion:142 Resp: 256210

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	35.1	28.7	43.1



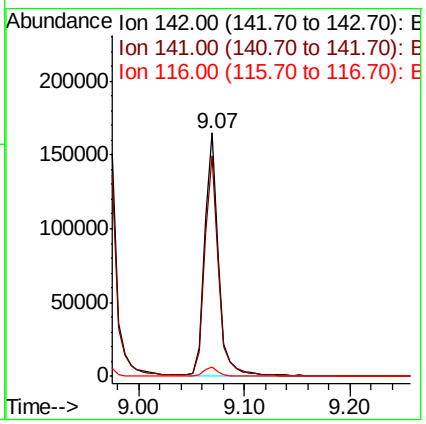


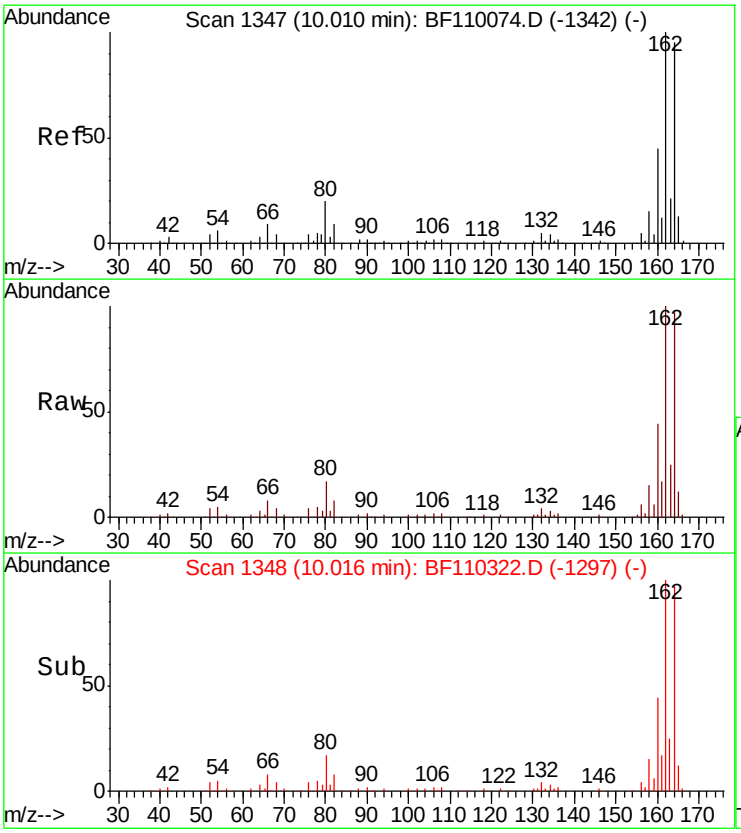
#38
1-Methylnaphthalene
Concen: 13.961 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion:142 Resp: 149794

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.2	111.4
116	3.8	2.6	4.0

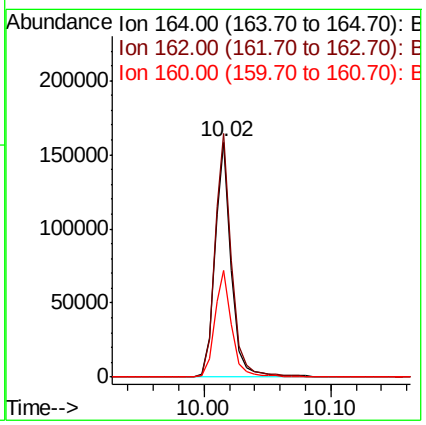


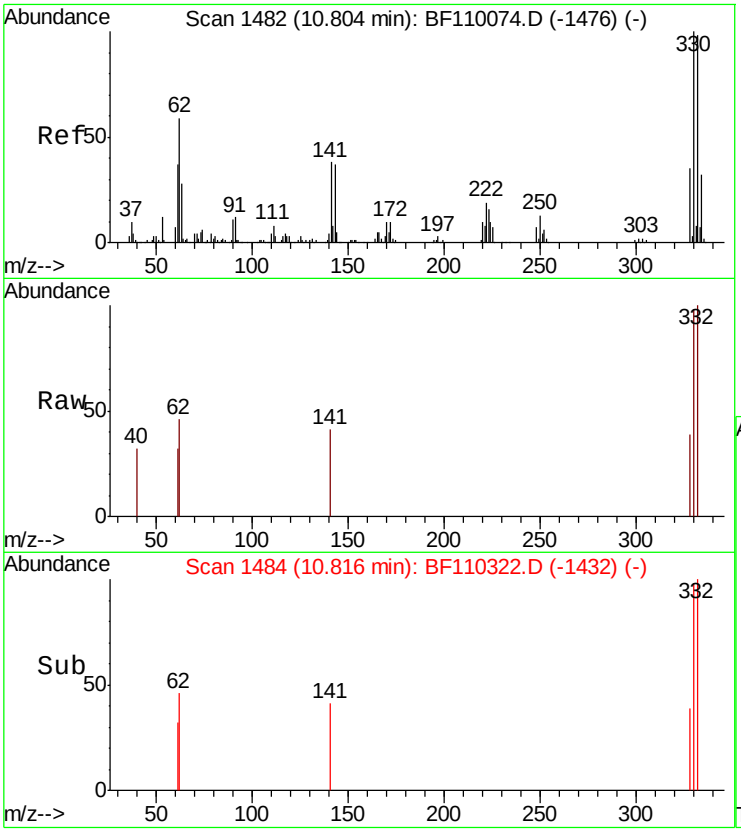


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Tgt Ion:164 Resp: 143822

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	45.6	37.0	55.6



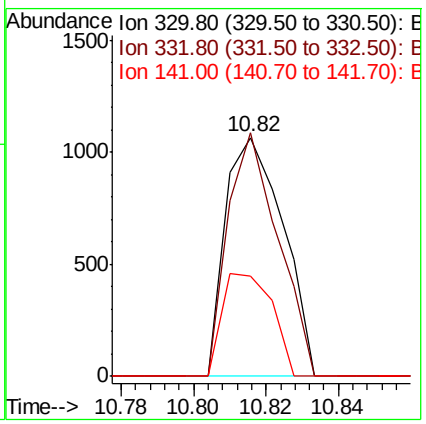


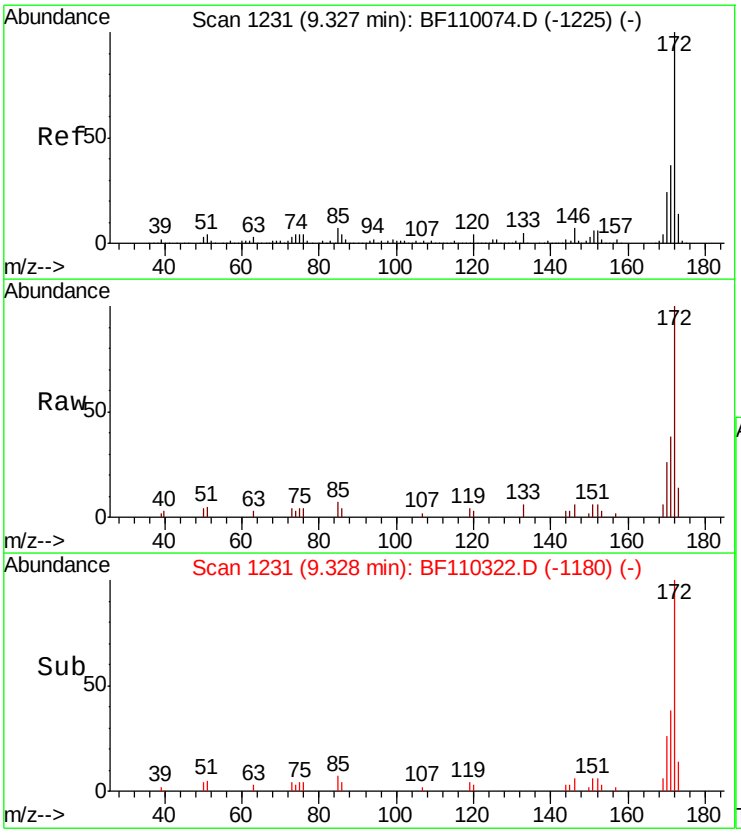
#42
2,4,6-Tribromophenol
Concen: 0.825 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion:330 Resp: 1175

Ion	Ratio	Lower	Upper
330	100		
332	89.0	77.1	115.7
141	37.4	27.0	40.4

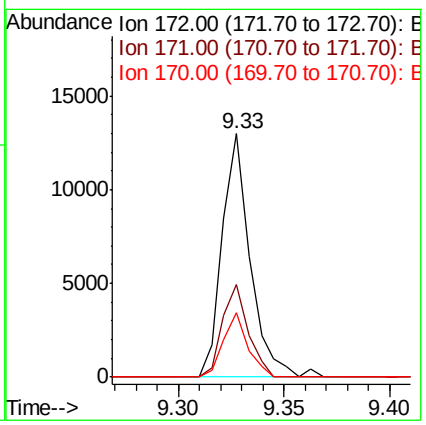


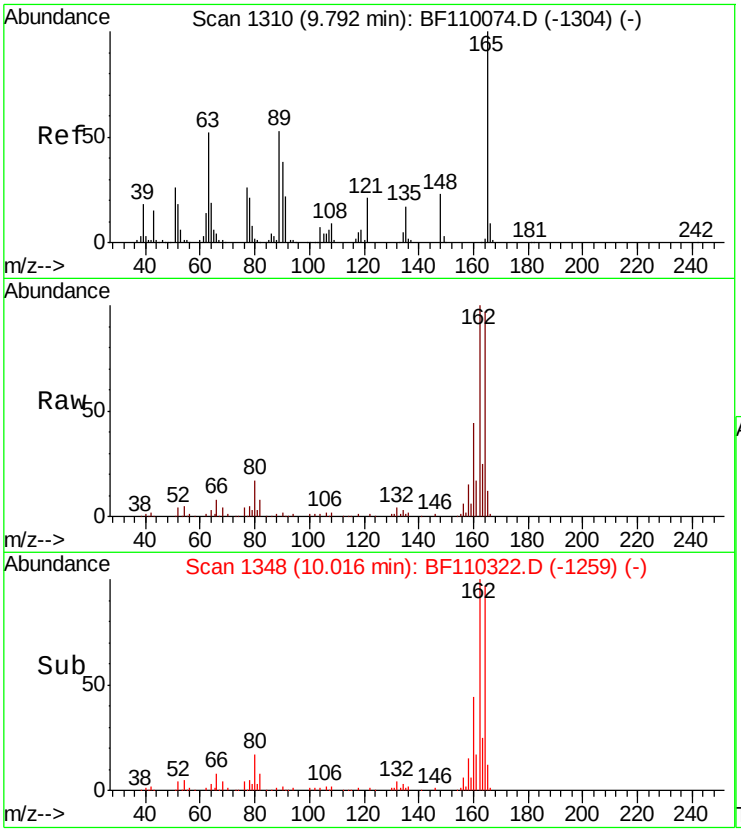


#45
2-Fluorobiphenyl
Concen: 1.308 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Tgt Ion:172 Resp: 11980

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.6	43.0
170	26.2	19.7	29.5



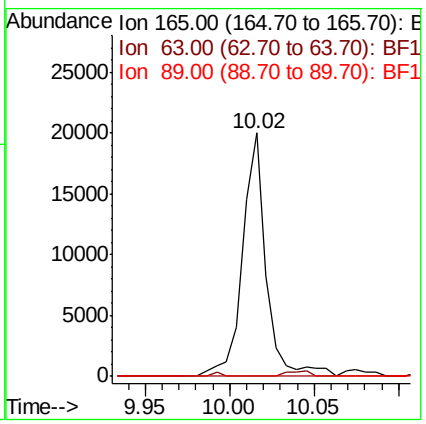


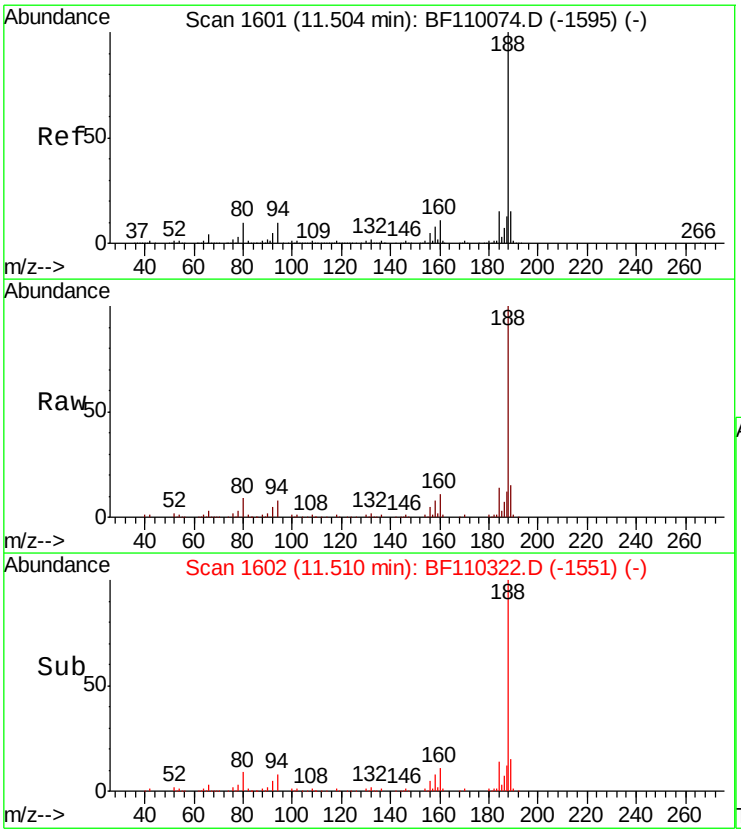
#51
2,6-Dinitrotoluene
Concen: 8.541 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion:165 Resp: 19531

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

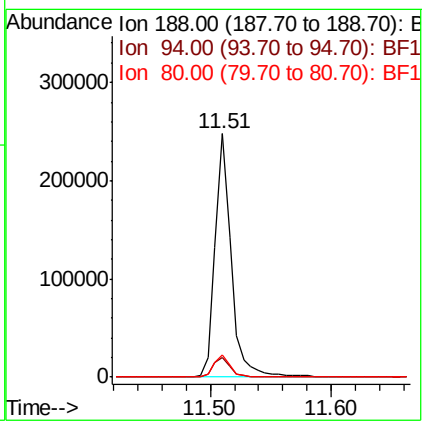


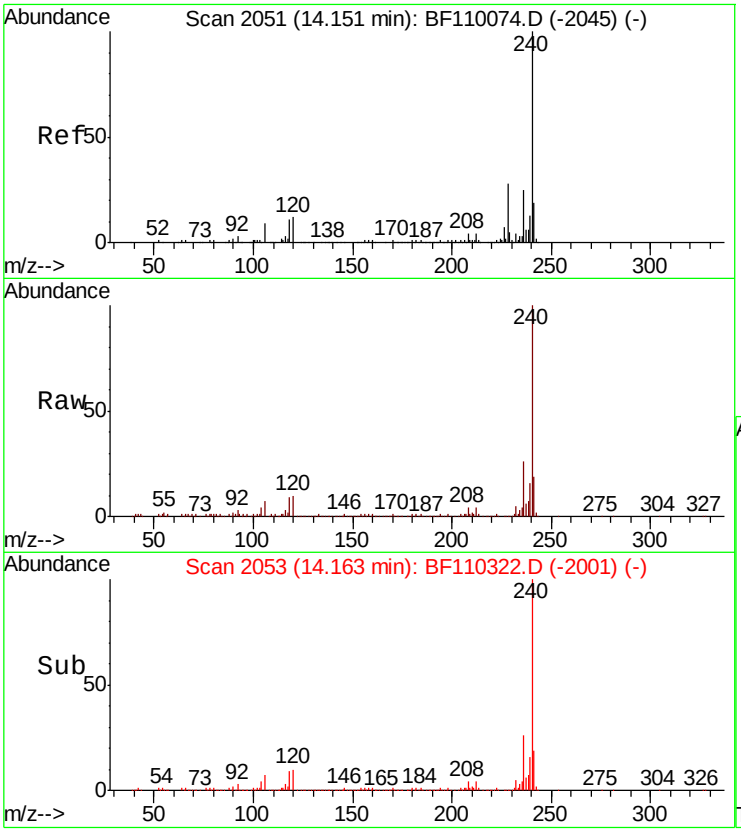


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Tgt Ion:188 Resp: 226591

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.9	7.9	11.9



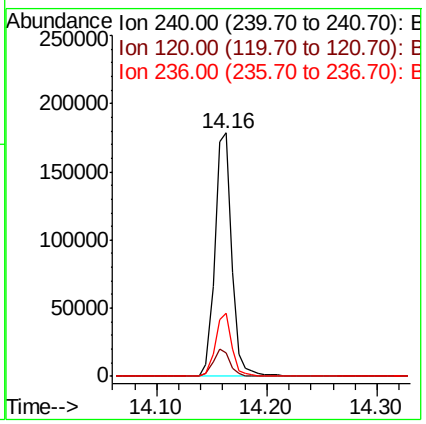


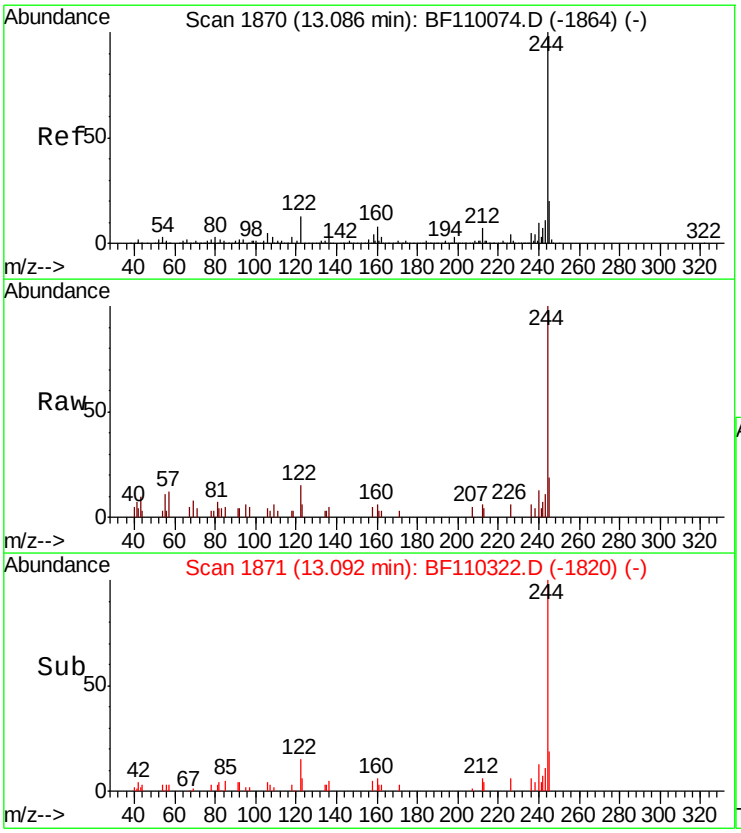
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion:240 Resp: 189598

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	26.1	21.2	31.8

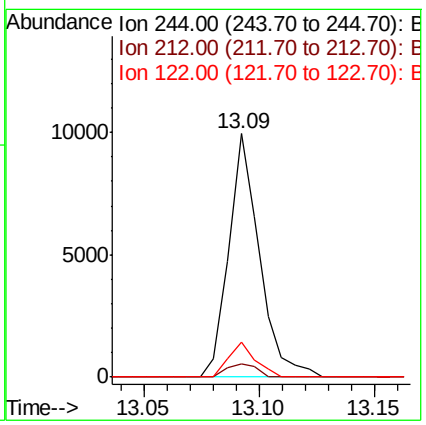


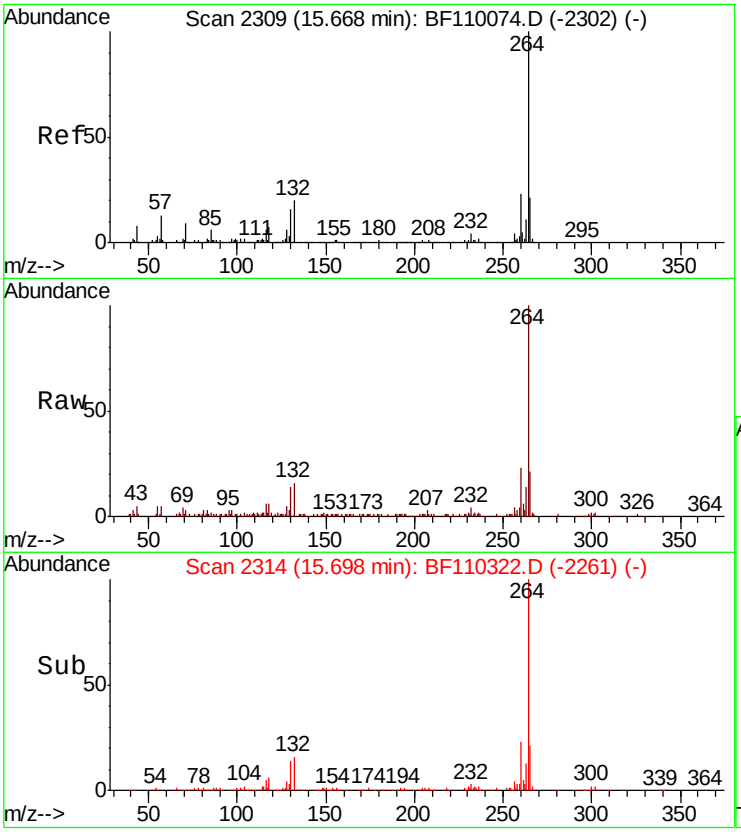


#79
Terphenyl-d14
Concen: 1.008 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Tgt Ion:244 Resp: 9189

Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.8	8.8#
122	14.5	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF110322.D
Acq: 30 Oct 2018 23:54

Instrument :
BNA_F
ClientSampleId :
DL-06BDL

Tgt Ion:264 Resp: 123833

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	20.8	16.7	25.1