Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113533.D
Acq On : 3 Apr 2019 5:47
Operator : JU/SJ
Sample : K2186-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-78-79

Quant Time: Apr 03 08:01:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	146961	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	526671	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	226162	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	390759	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	385422	20.00	ng	-0.01
87) Perylene-d12	15.24	264	288298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	874373	97.28	ng	0.00
7) Phenol-d6	6.35	99	997616	87.74	ng	-0.01
23) Nitrobenzene-d5	7.26	82	742549	83.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	296536	106.15	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1386879	99.02	ng	-0.02
79) Terphenyl-d14	12.78	244	1302226	74.47	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	96035	13.447	ng	# 77
25) Isophorone	7.26	82	736077	42.804	ng	# 64
50) Dimethylphthalate	9.72	163	59694	3.562	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	28696	7.589	ng	# 26
57) 2,4-Dinitrotoluene	9.72	165	28696	5.968	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	16302	3.828	ng	# 1

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

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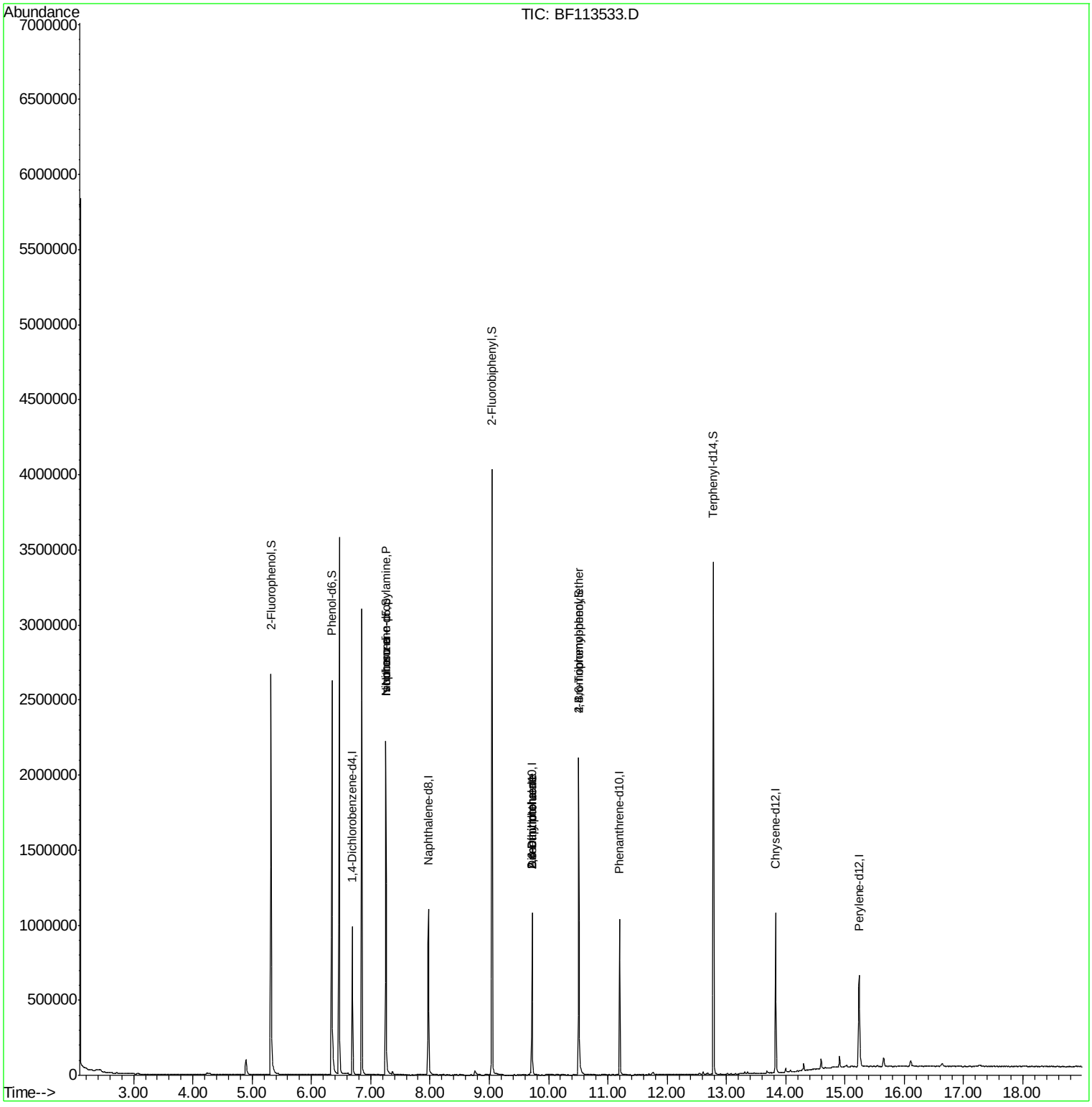
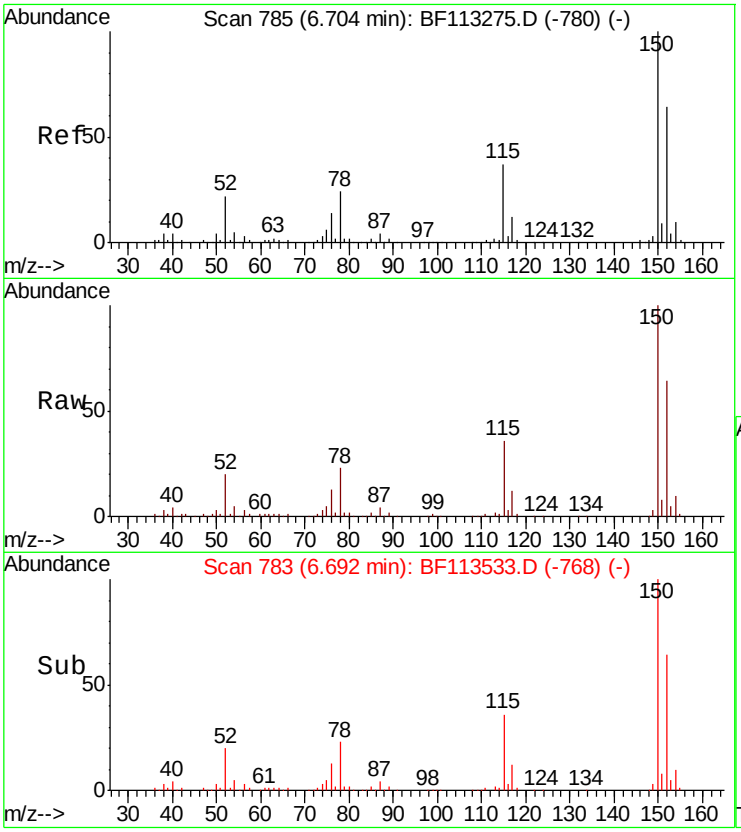


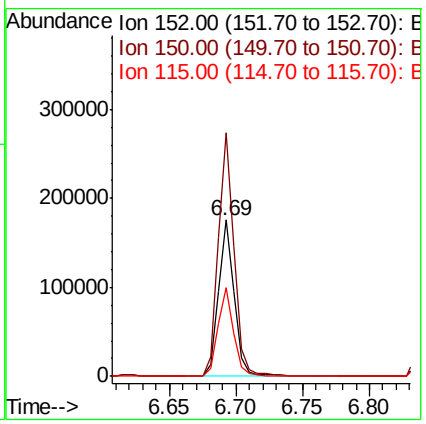


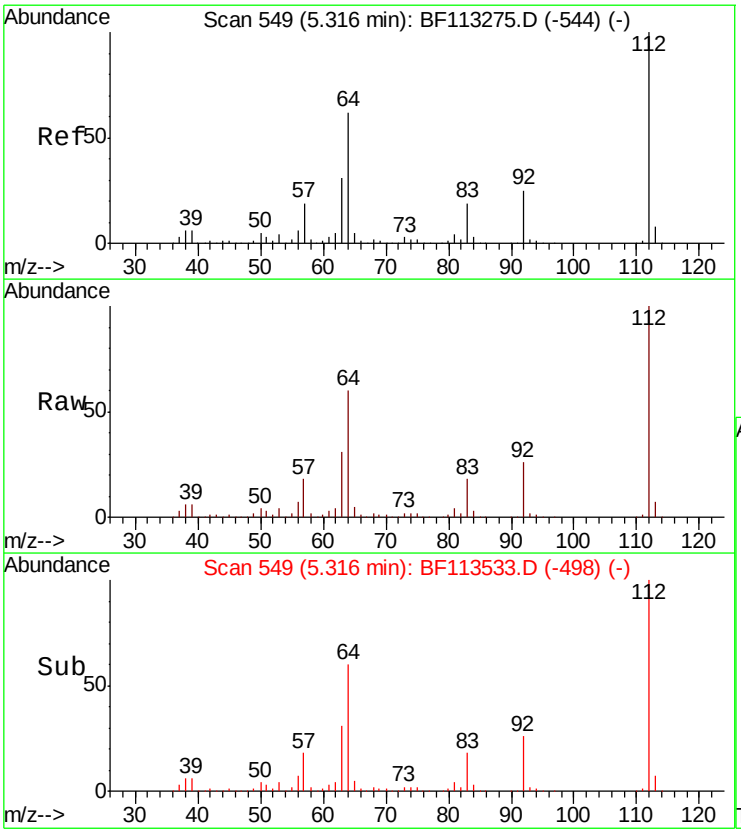
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:152 Resp: 146961

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.7	187.1
115	56.7	46.0	69.0

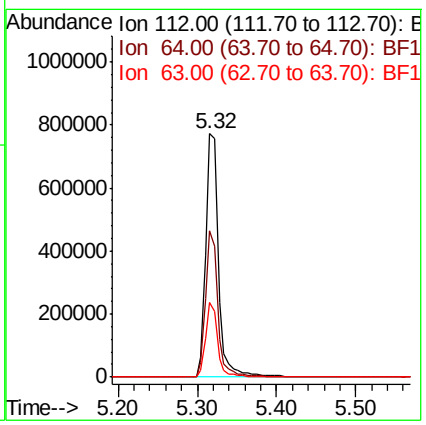


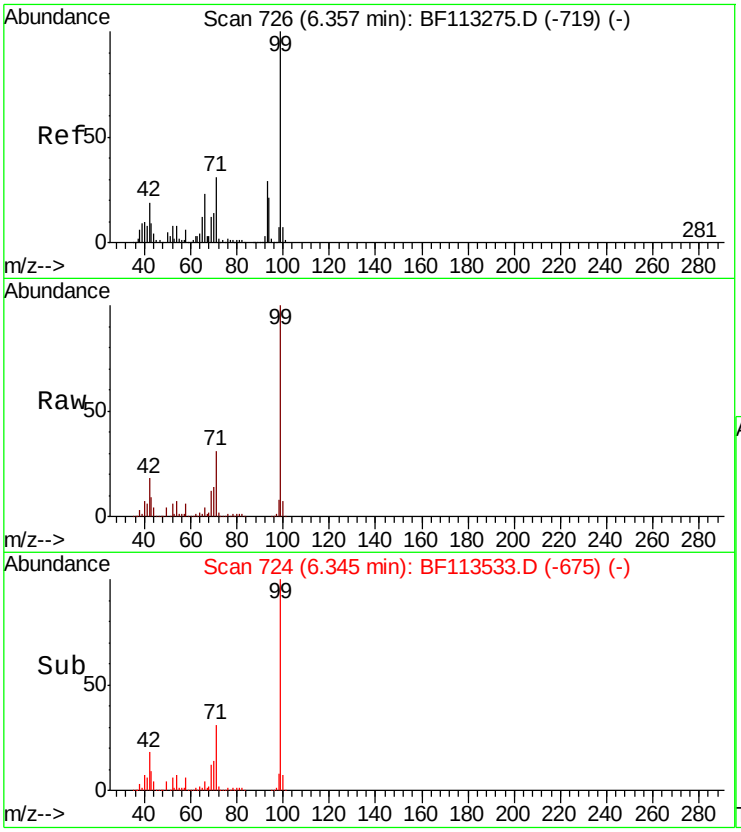


#5
2-Fluorophenol
Concen: 97.285 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:112 Resp: 874373

Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.2	73.8
63	30.6	24.9	37.3



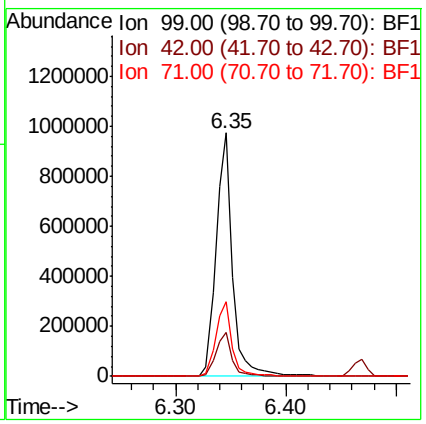


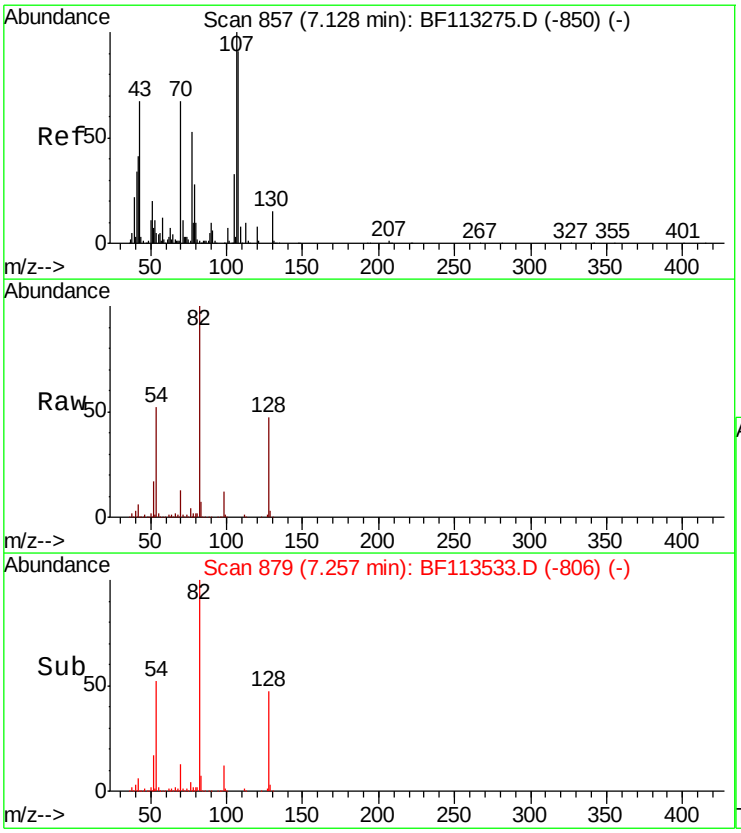
#7
Phenol-d6
Concen: 87.741 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion: 99 Resp: 997616

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.8	22.2
71	30.5	24.9	37.3

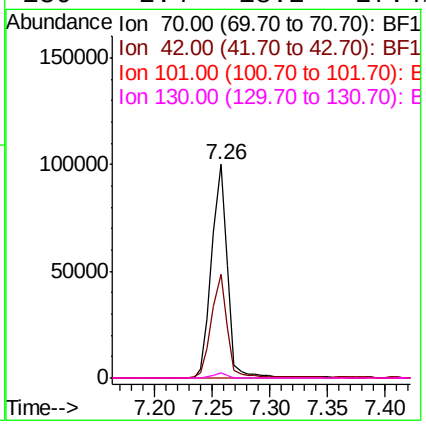


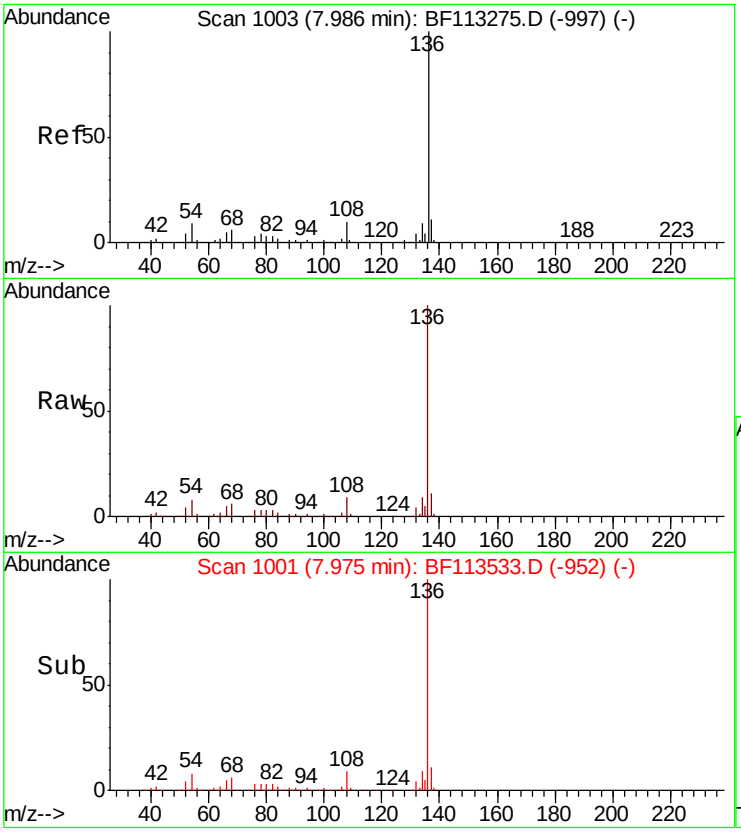


#19
n-Nitroso-di-n-propylamine
Concen: 13.447 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion: 70 Resp: 96035

Ion	Ratio	Lower	Upper
70	100		
42	48.7	48.4	72.6
101	0.0	7.8	11.8#
130	2.4	18.2	27.4#



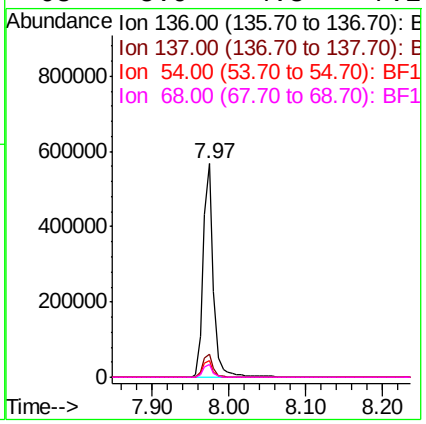


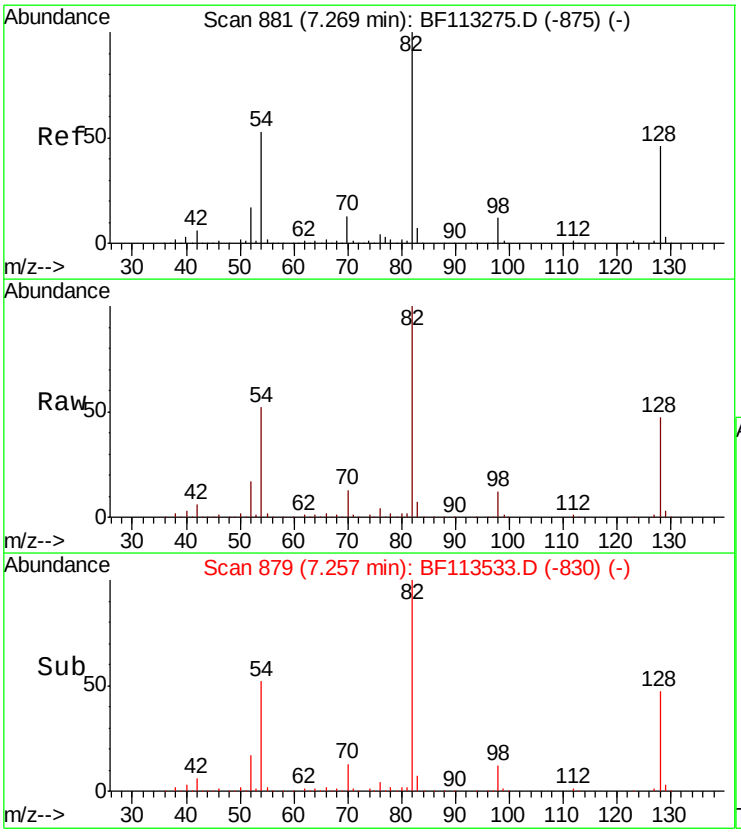
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:136 Resp: 526671

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	7.0	10.6
68	5.9	4.8	7.2

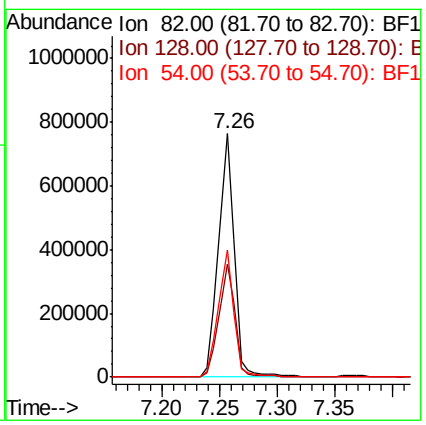


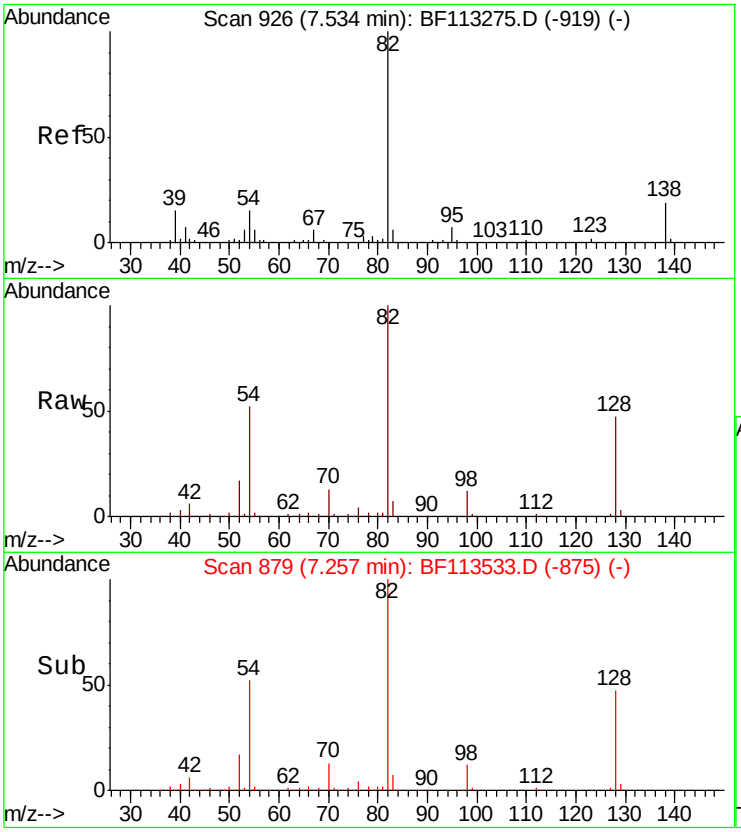


#23
Nitrobenzene-d5
Concen: 83.683 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion: 82 Resp: 742549

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	52.1	42.2	63.2



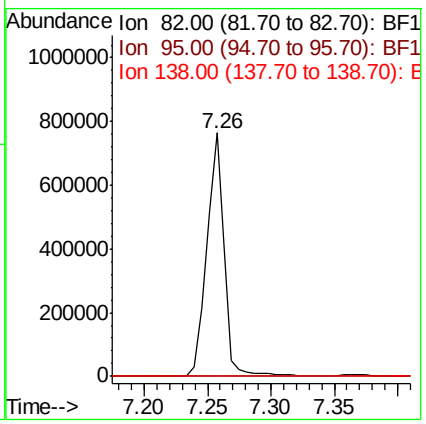


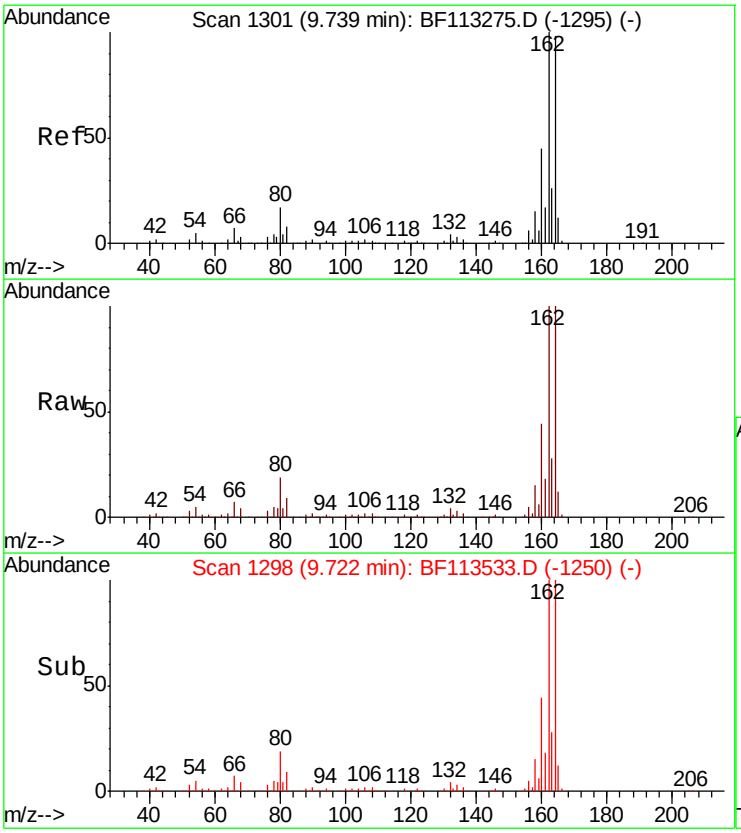
#25
Isophorone
Concen: 42.804 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion: 82 Resp: 736077

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

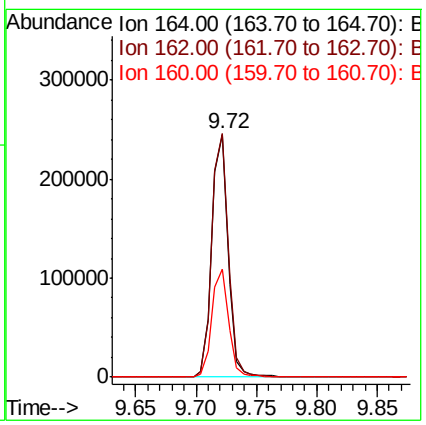


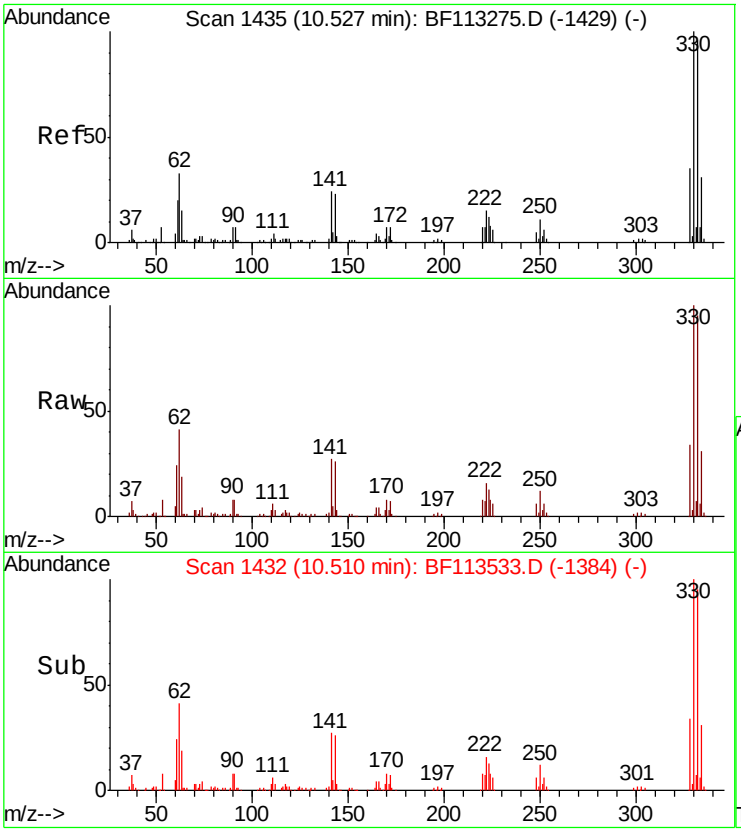


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:164 Resp: 226162

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.6
160	44.3	36.4	54.6



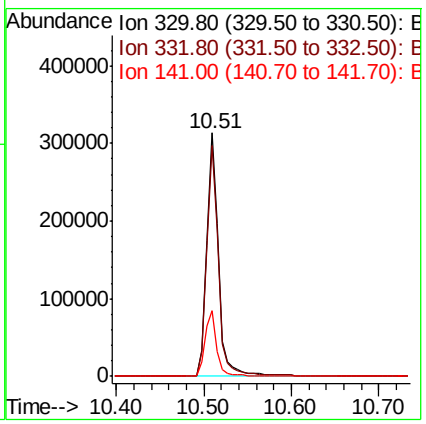


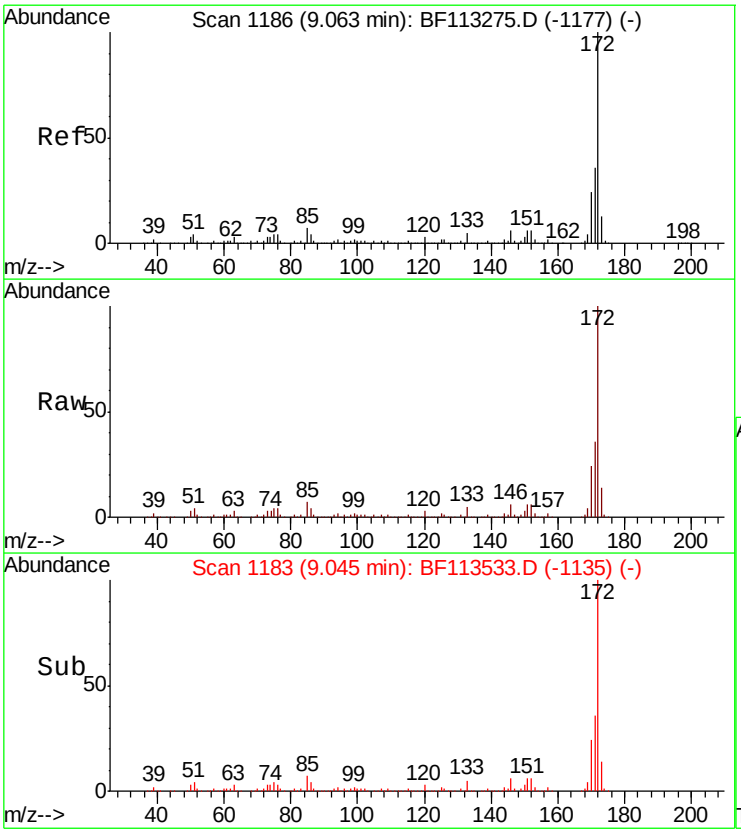
#42
2,4,6-Tribromophenol
Concen: 106.148 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:330 Resp: 296536

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	26.9	22.7	34.1

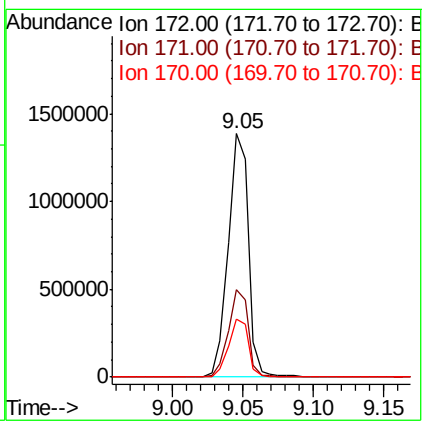


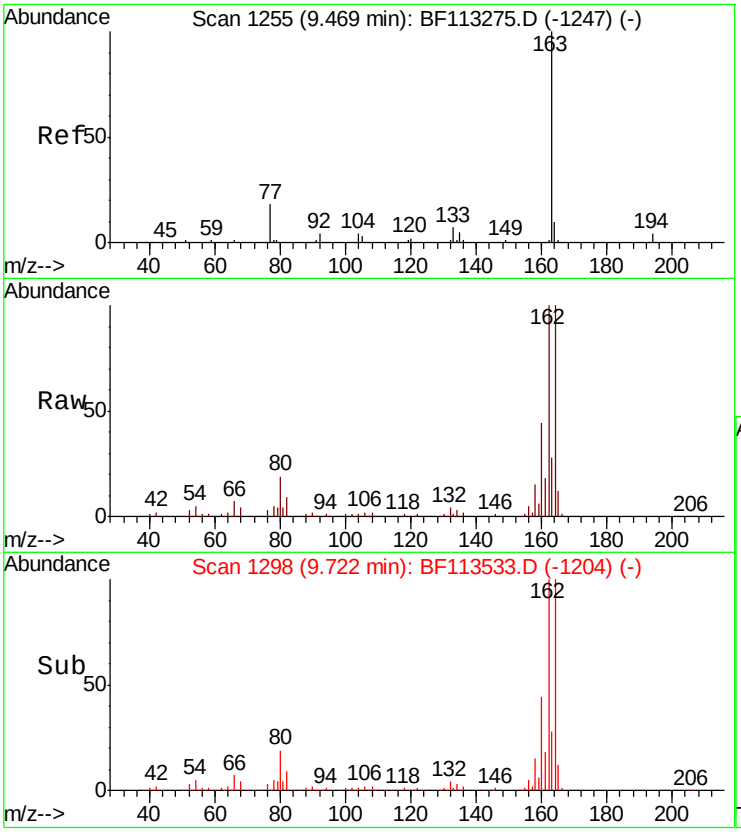


#45
2-Fluorobiphenyl
Concen: 99.024 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:172 Resp: 1386879

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.1	19.5	29.3



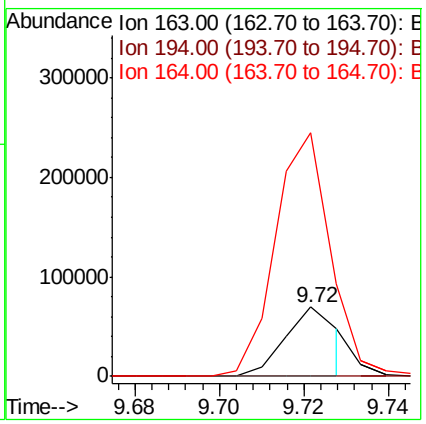


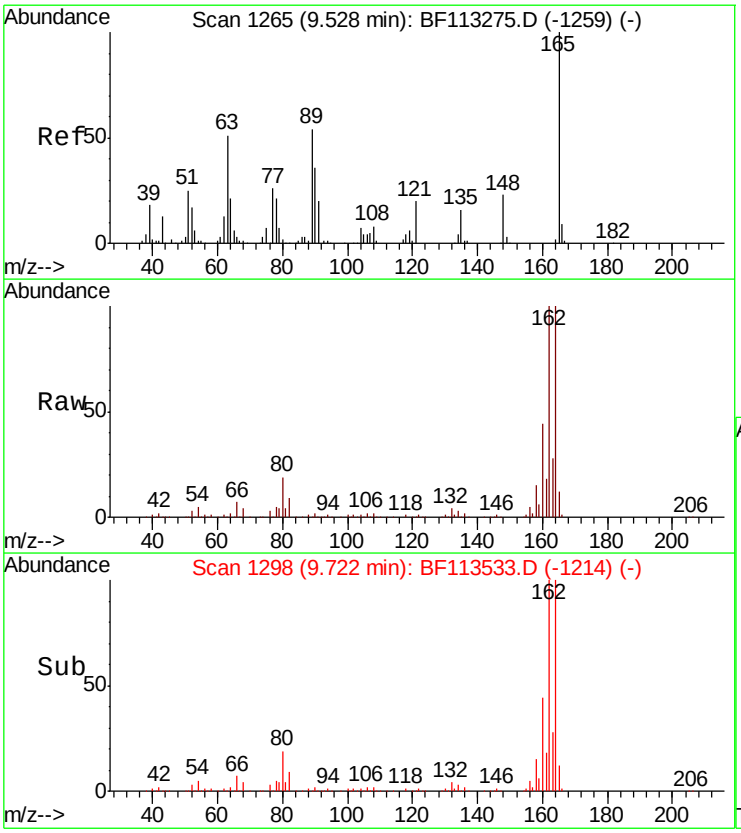
#50
Dimethylphthalate
Concen: 3.562 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.25 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:163 Resp: 59694

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	352.1	8.1	12.1#

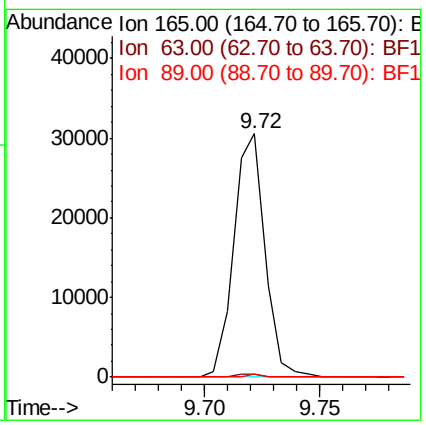


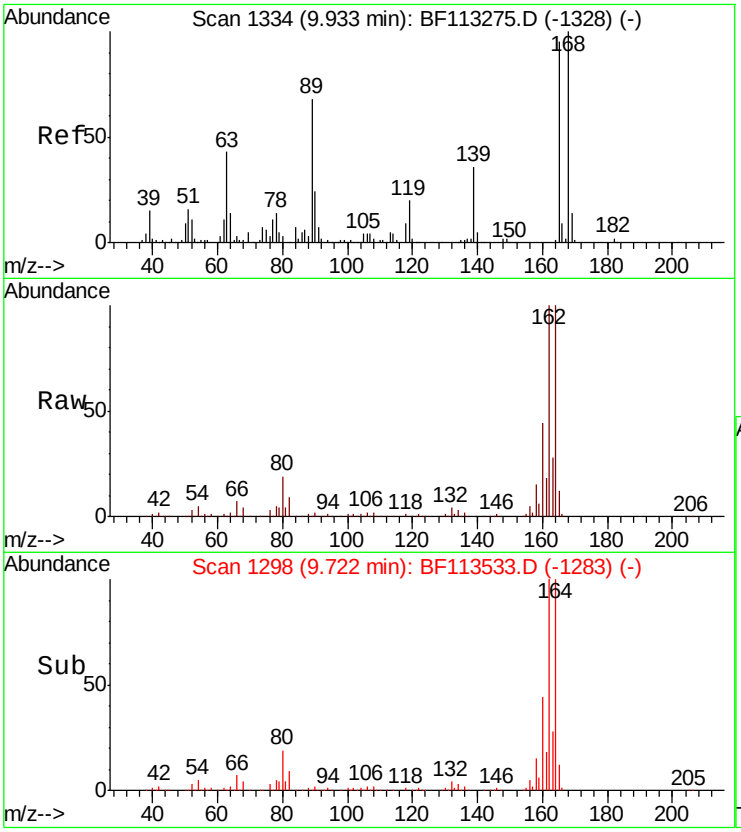


#51
2,6-Dinitrotoluene
Concen: 7.589 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.19 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:165 Resp: 28696

Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.3	43.1	64.7#



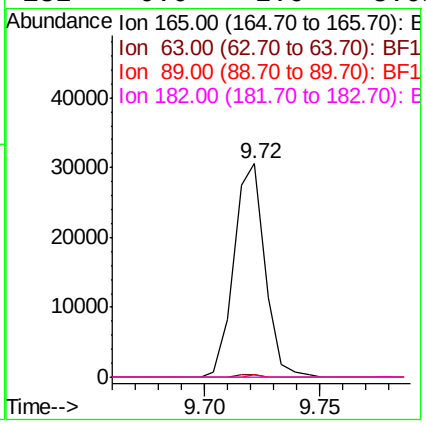


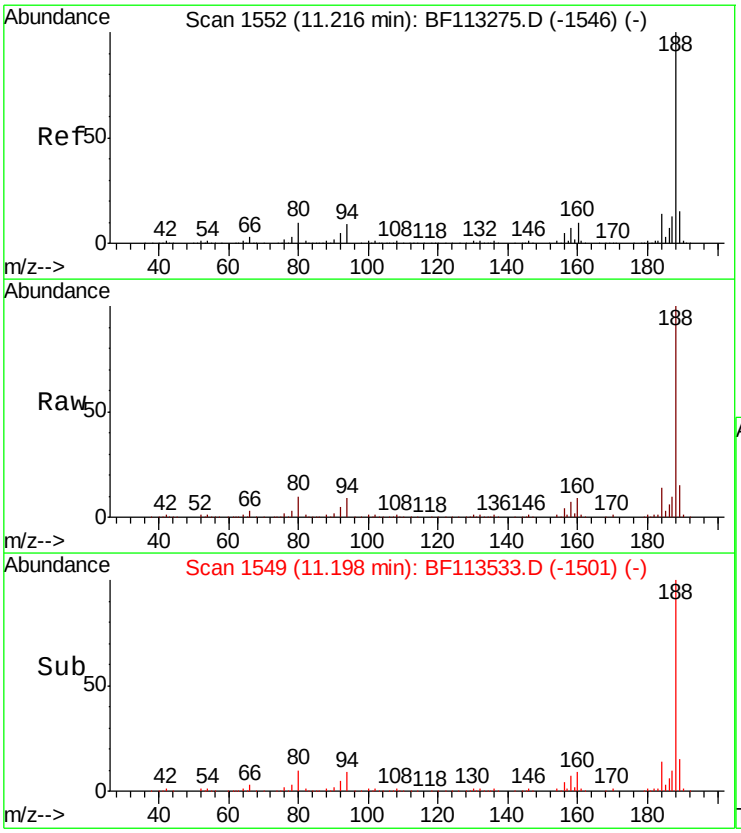
#57
2,4-Dinitrotoluene
Concen: 5.968 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:165 Resp: 28696

Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.3	57.4	86.2#
182	0.0	2.0	3.0#

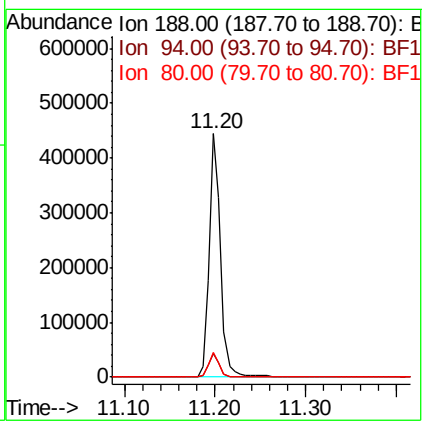


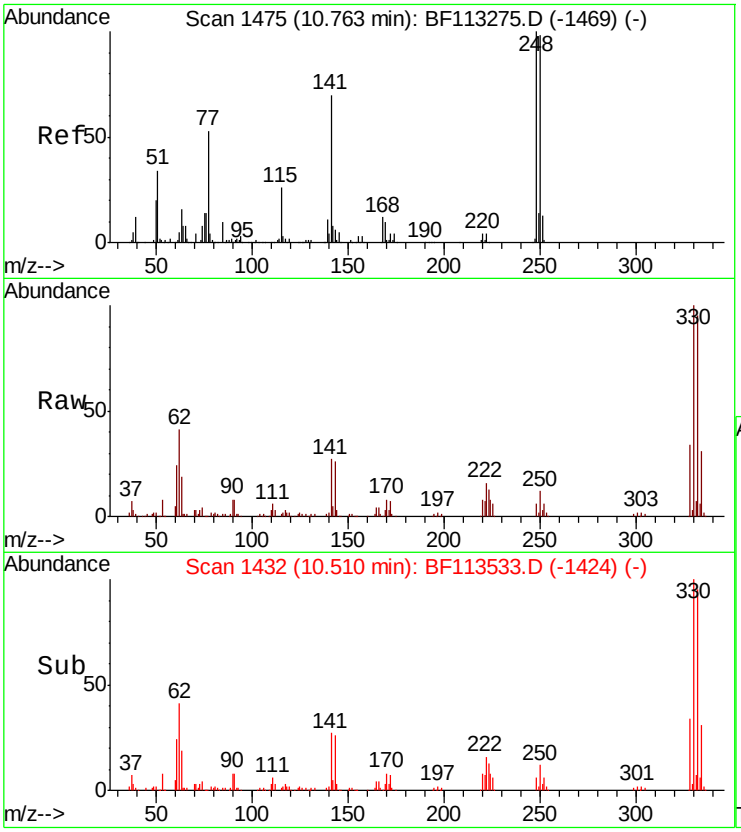


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:188 Resp: 390759

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.6
80	10.3	7.7	11.5



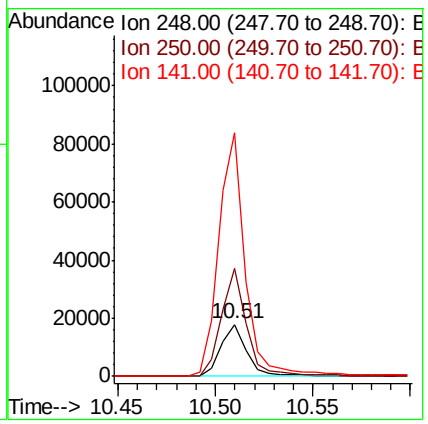


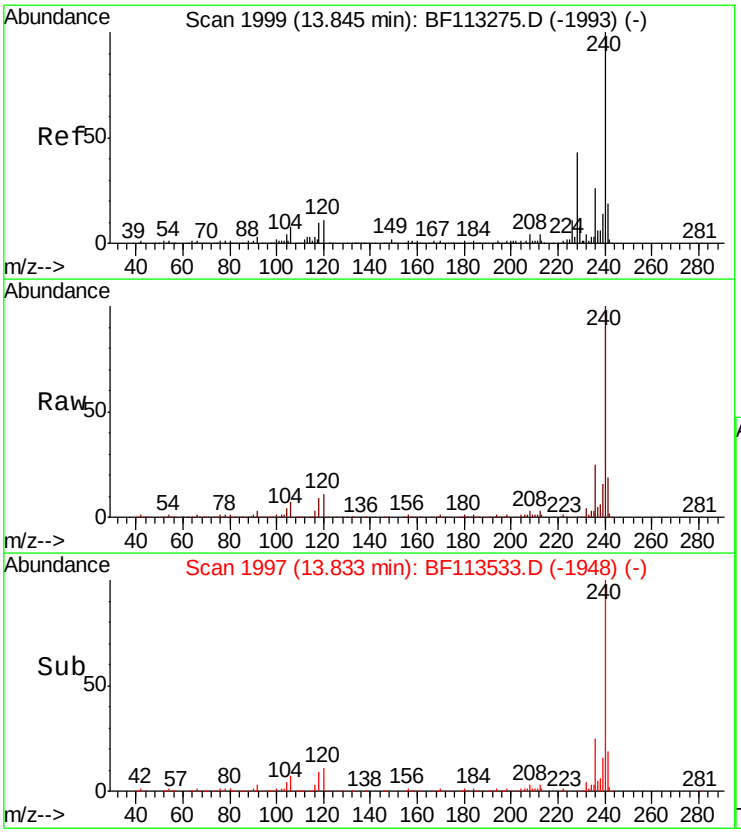
#67
4-Bromophenyl-phenylether
Concen: 3.828 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:248 Resp: 16302

Ion	Ratio	Lower	Upper
248	100		
250	209.9	78.3	117.5#
141	471.1	56.2	84.4#

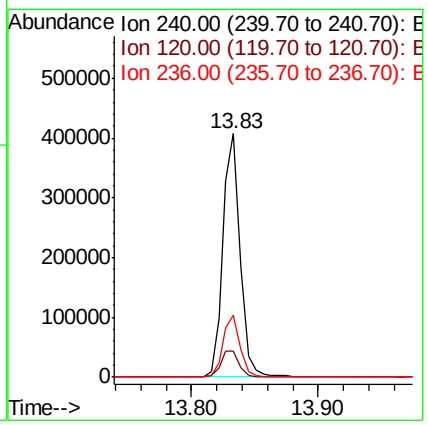


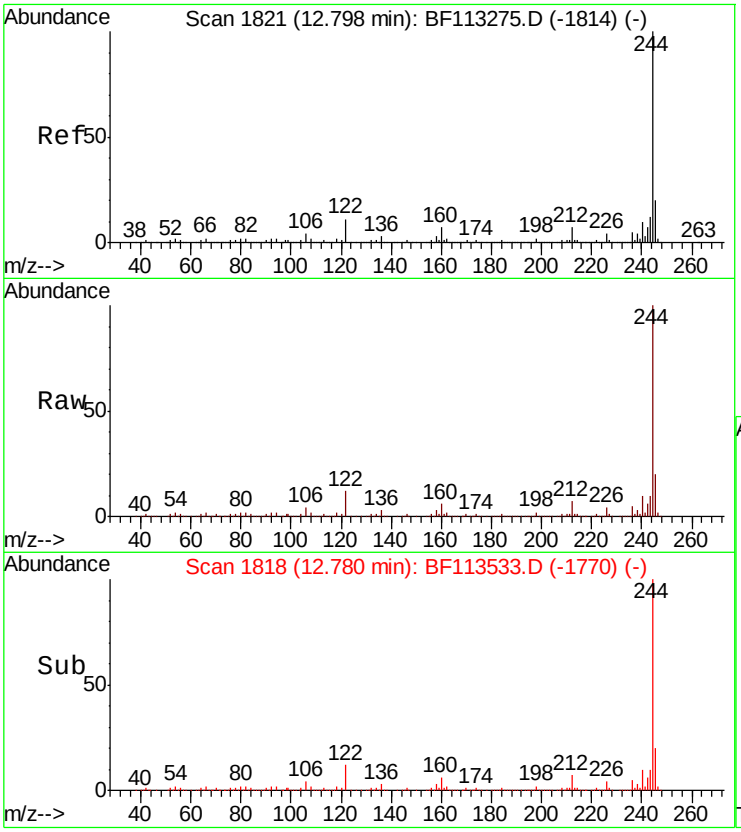


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:240 Resp: 385422

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	25.4	20.9	31.3



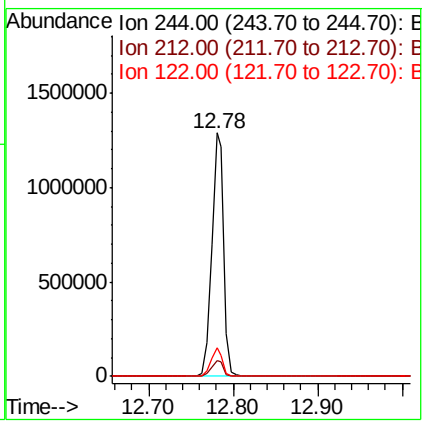


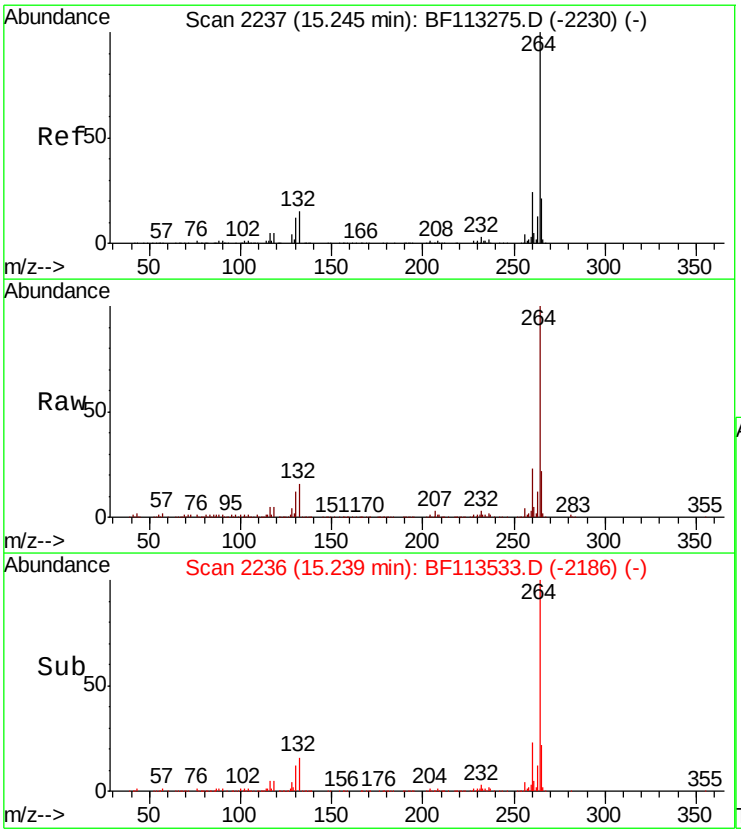
#79
Terphenyl-d14
Concen: 74.472 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:244 Resp: 1302226

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	11.6	8.6	13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:264 Resp: 288298

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.7	17.1	25.7