Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
Operator : JU
Sample : K5972-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 26 03:54:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	167088	20.00	ng	-0.04
21) Naphthalene-d8	8.17	136	681969	20.00	ng	-0.04
39) Acenaphthene-d10	9.94	164	369285	20.00	ng	-0.04
64) Phenanthrene-d10	11.43	188	648320	20.00	ng	-0.04
76) Chrysene-d12	14.08	240	413247	20.00	ng	-0.04
87) Perylene-d12	15.57	264	347309	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	861899	91.31	ng	-0.02
7) Phenol-d6	6.52	99	1110606	97.55	ng	-0.03
23) Nitrobenzene-d5	7.45	82	699049	60.93	ng	-0.04
42) 2,4,6-Tribromophenol	10.73	330	378977	96.94	ng	-0.04
45) 2-Fluorobiphenyl	9.26	172	1388518	67.46	ng	-0.04
79) Terphenyl-d14	13.02	244	1411875	62.44	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	2422	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	94891	13.510	ng	# 74
25) Isophorone	7.45	82	689010	32.768	ng	# 62
50) Dimethylphthalate	9.65	163	276959	10.695	ng	98
57) 2,4-Dinitrotoluene	9.94	165	48758	6.773	ng	# 24
67) 4-Bromophenyl-phenylether	10.73	248	23536	3.365	ng	# 1
75) Fluoranthene	12.65	202	10399	Below Cal		94
84) Bis(2-ethylhexyl)phthalate	14.06	149	58737	3.378	ng	95

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

Quantitation Report (Not Reviewed)

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Acq On : 25 Nov 2019 23:20
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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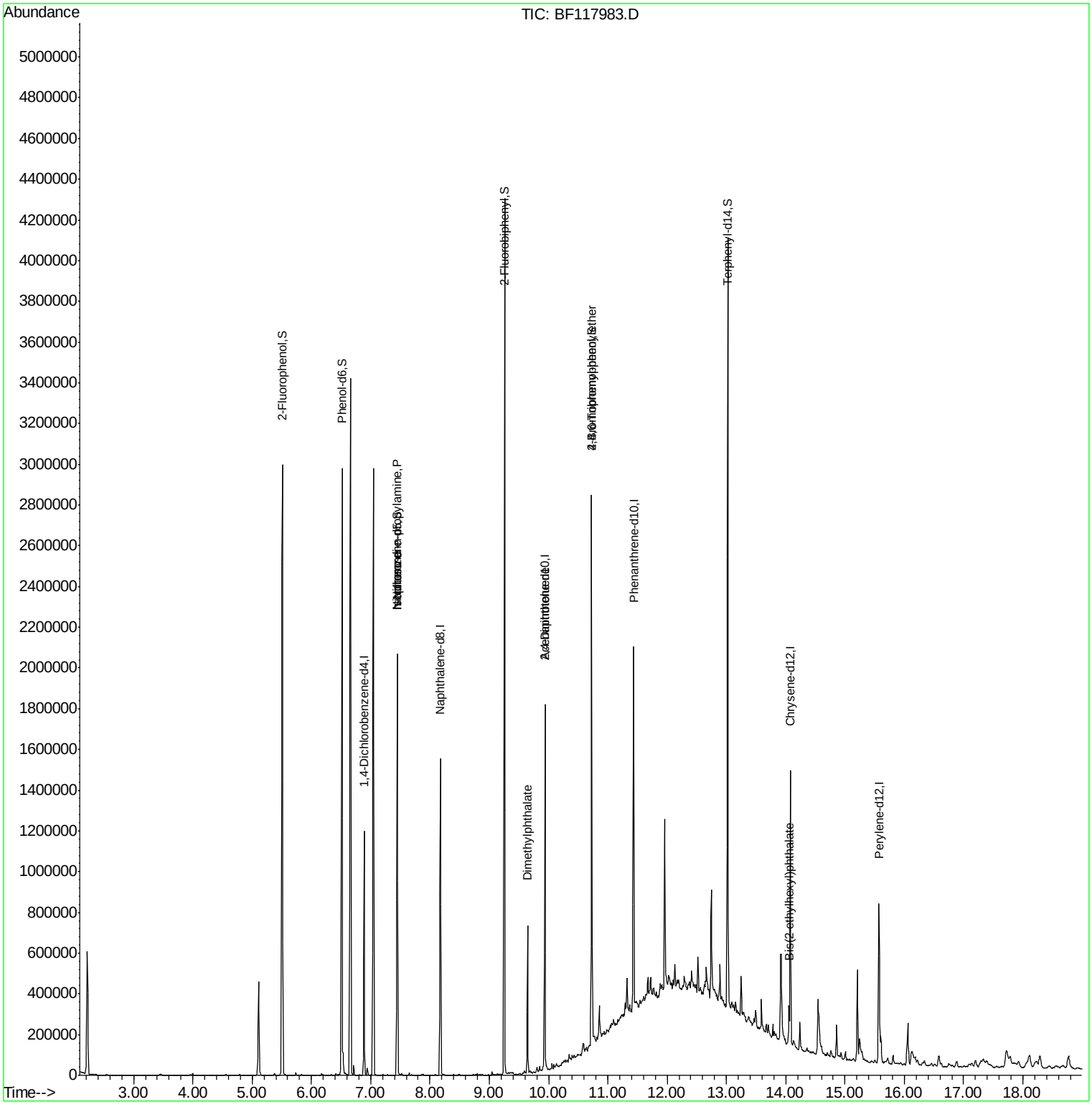
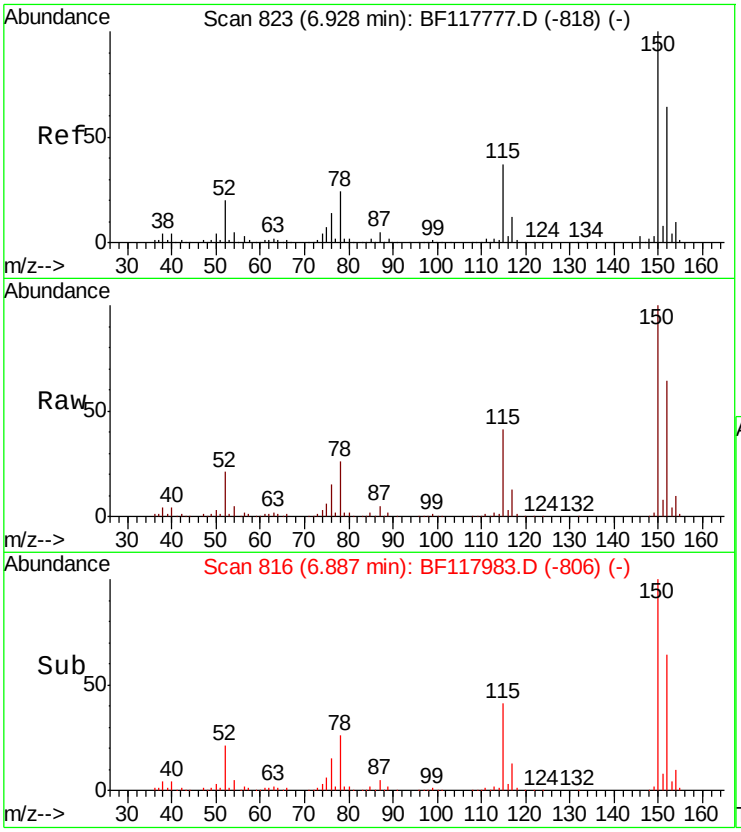


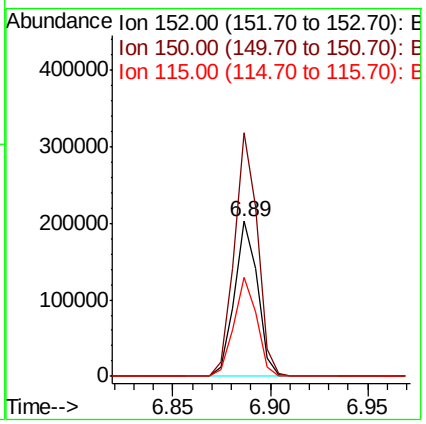


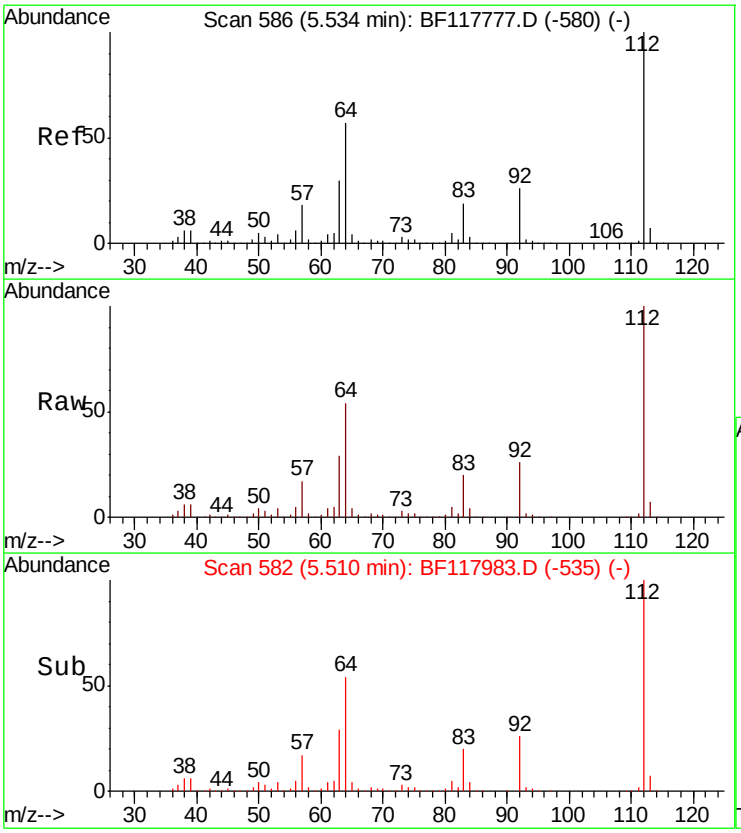
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167088

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.3	187.9
115	64.1	47.0	70.4

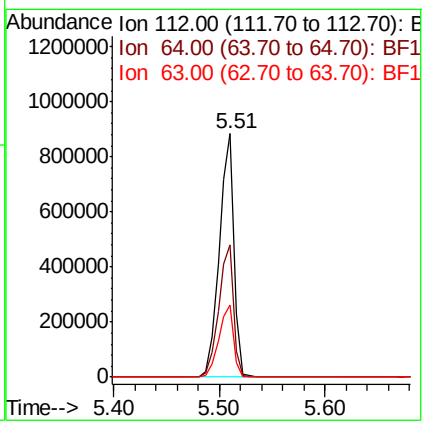


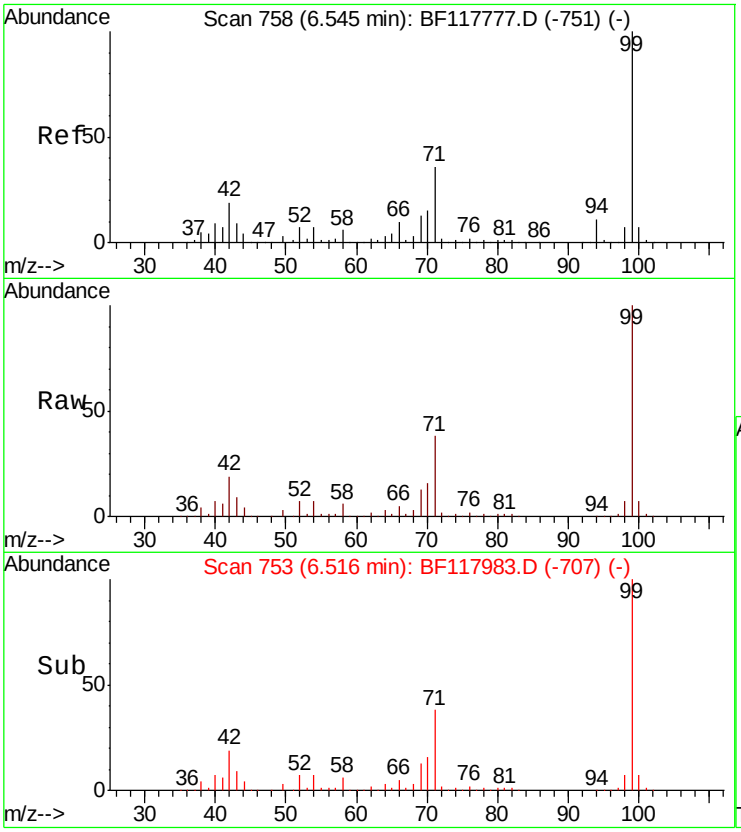


#5
2-Fluorophenol
Concen: 91.308 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion:112 Resp: 861899

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.6	68.4
63	29.5	24.1	36.1



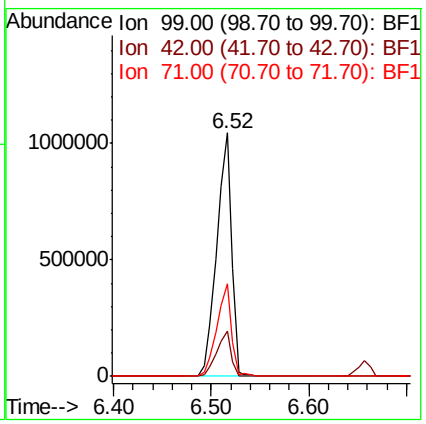


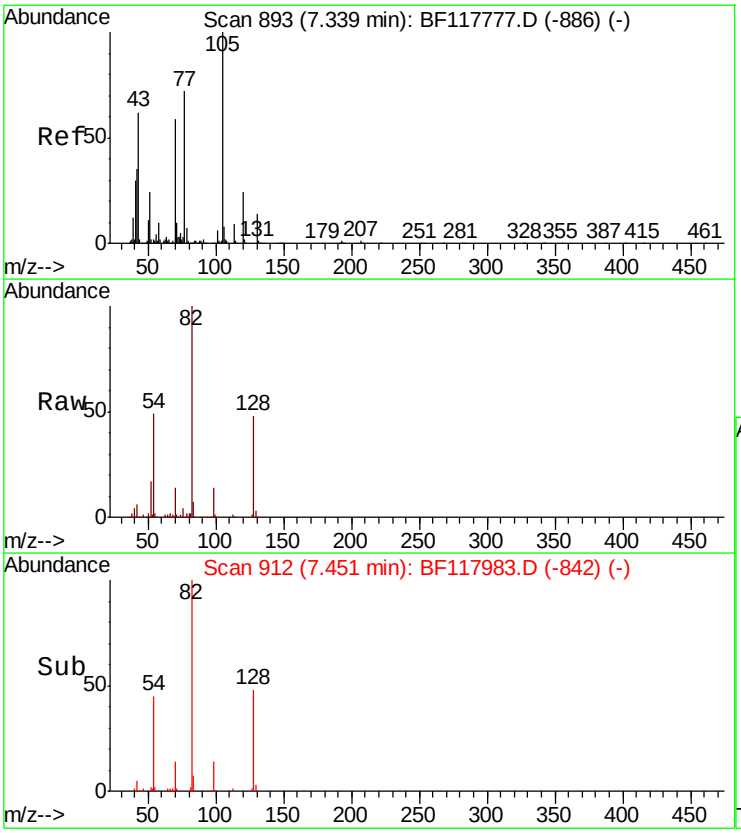
#7
Phenol-d6
Concen: 97.546 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1110606

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	38.1	28.6	43.0

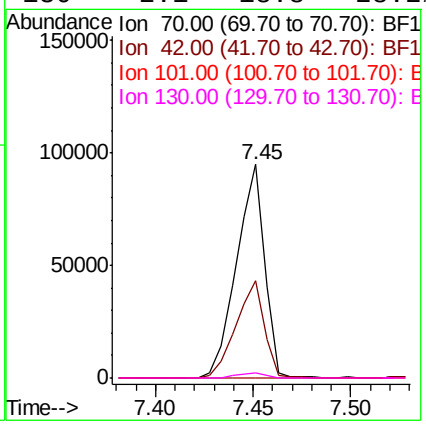


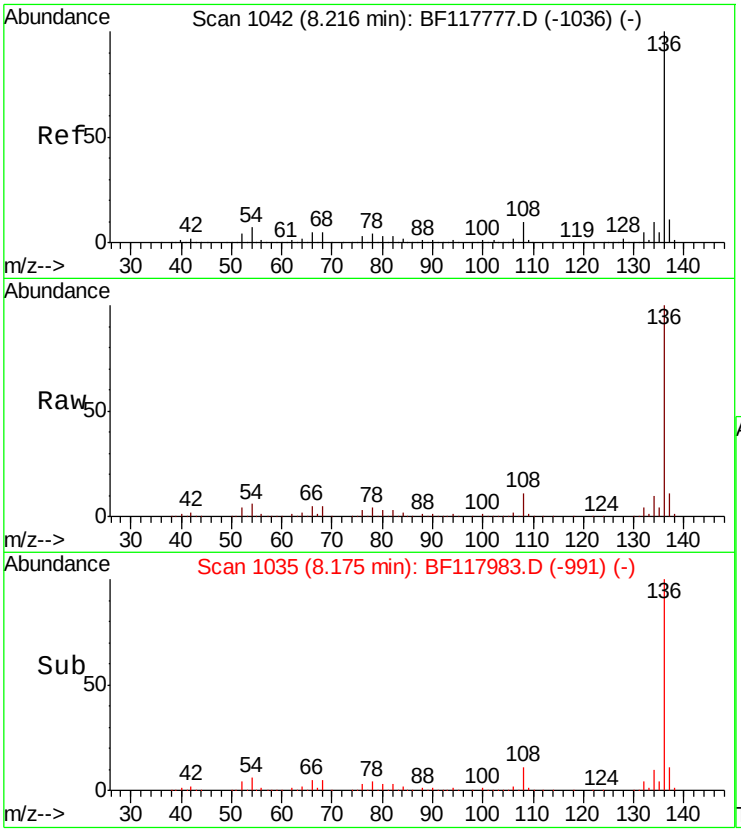


#19
n-Nitroso-di-n-propylamine
Concen: 13.510 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.11 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion: 70 Resp: 94891

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.4	71.2#
101	0.0	8.4	12.6#
130	2.1	18.8	28.2#



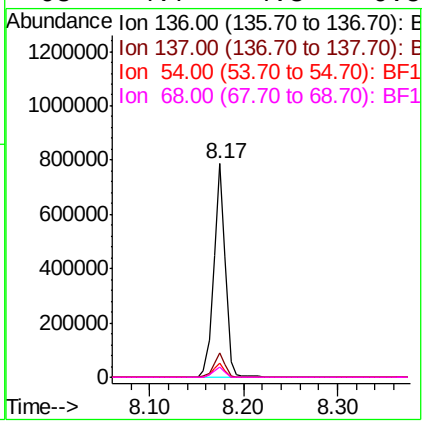


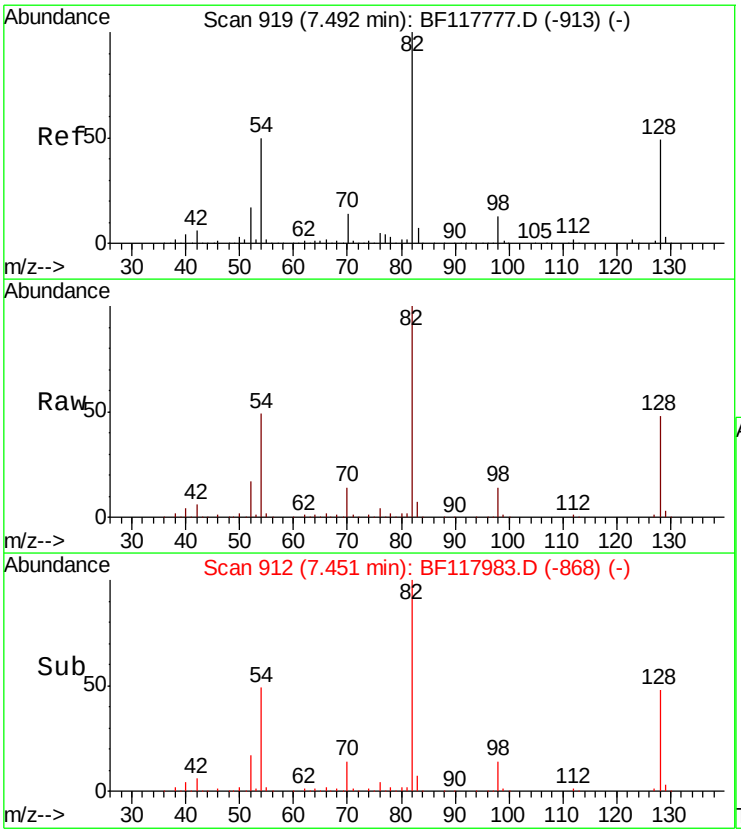
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 681969

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.4	5.4	8.2
68	4.7	4.3	6.5

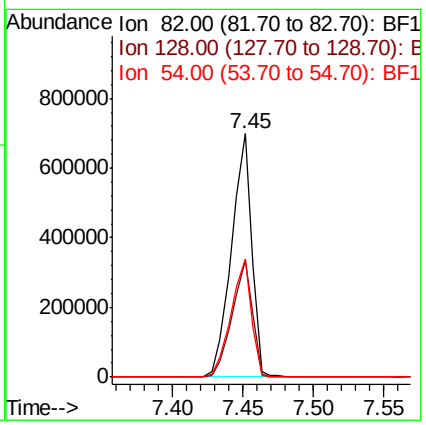


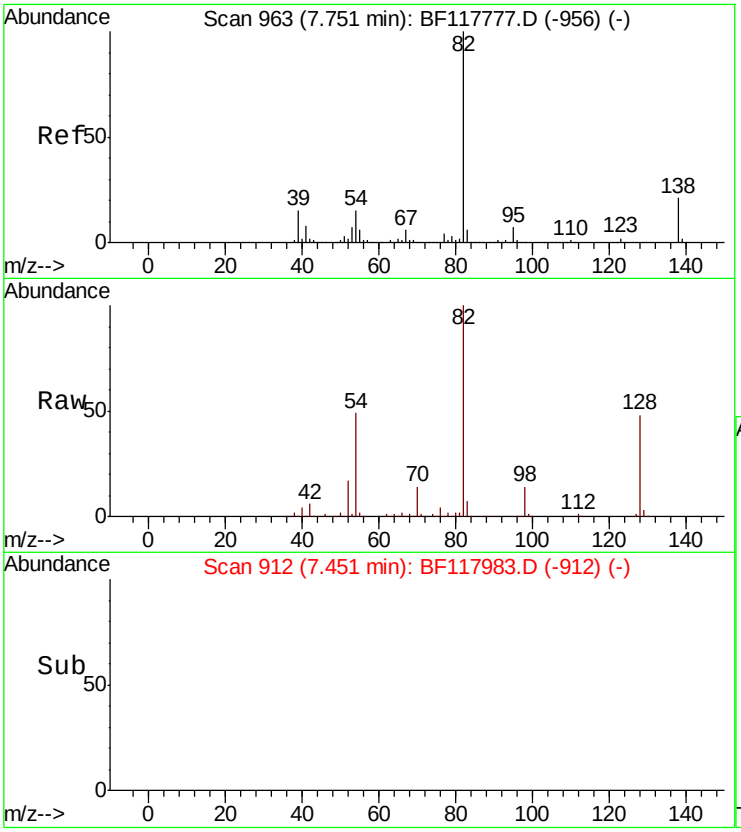


#23
Nitrobenzene-d5
Concen: 60.935 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion: 82 Resp: 699049

Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.9	58.3
54	48.7	39.8	59.6



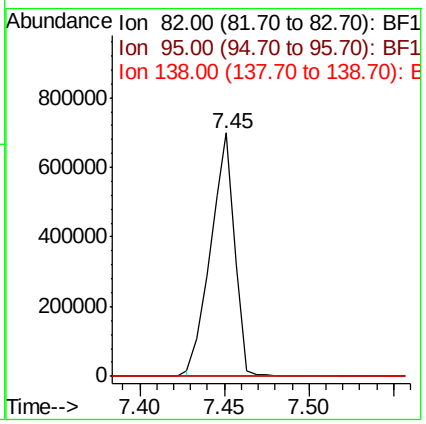


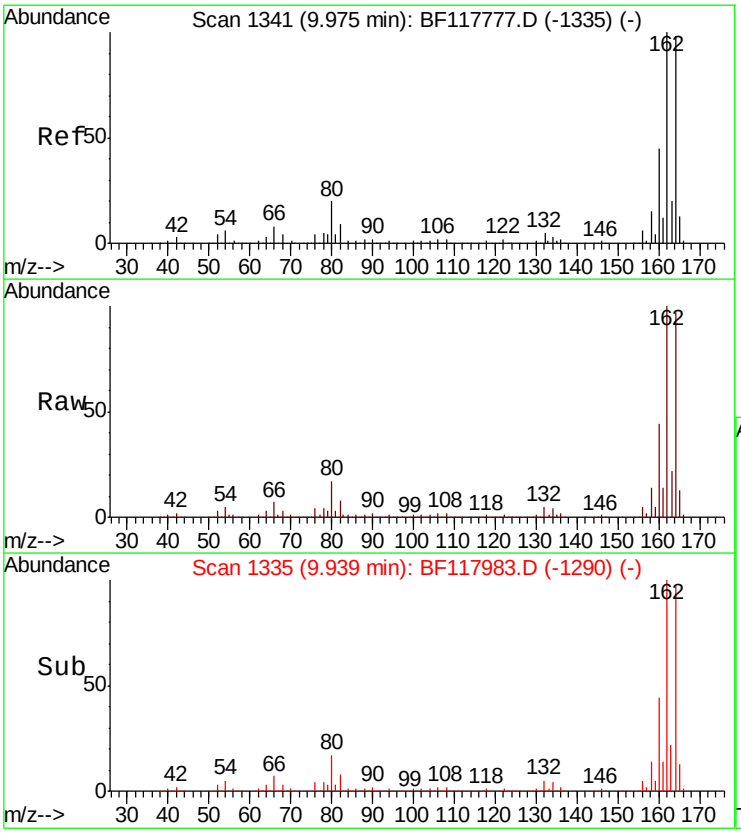
#25
Isophorone
Concen: 32.768 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.30 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 689010

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#

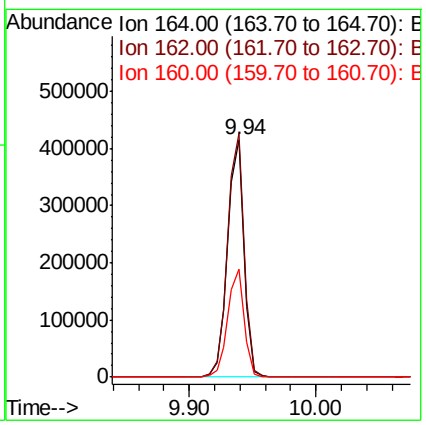


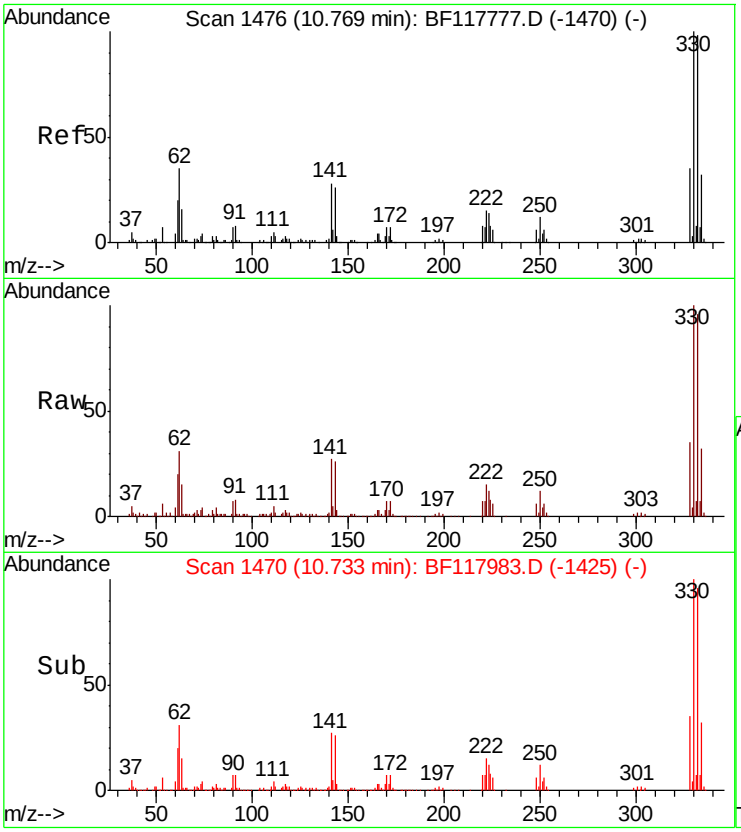


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion:164 Resp: 369285

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.3	121.9
160	45.5	36.6	55.0



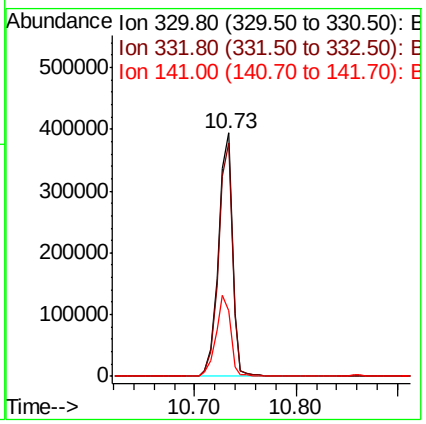


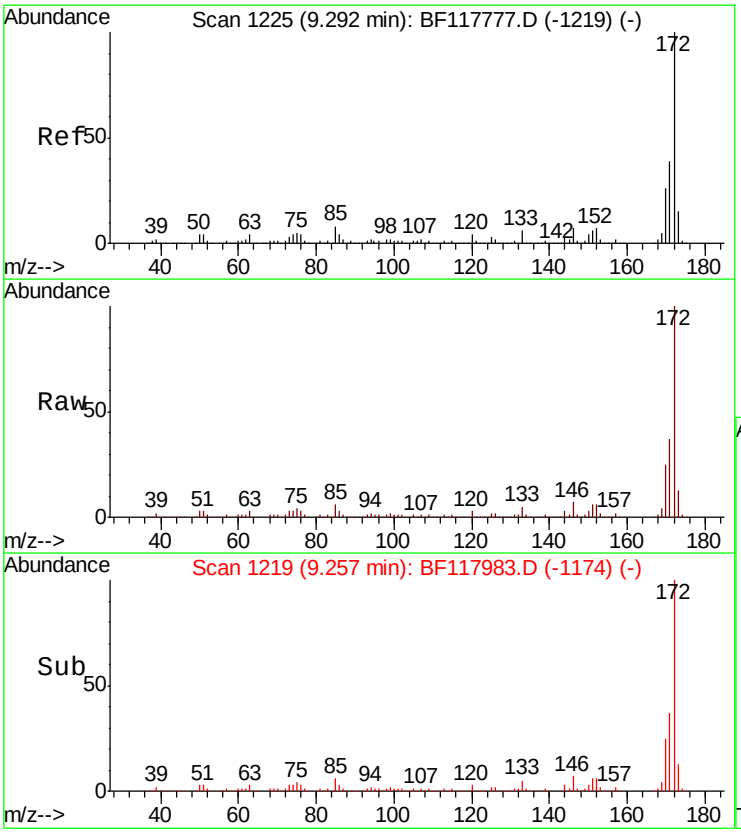
#42
2,4,6-Tribromophenol
Concen: 96.935 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 378977

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	34.0	27.7	41.5

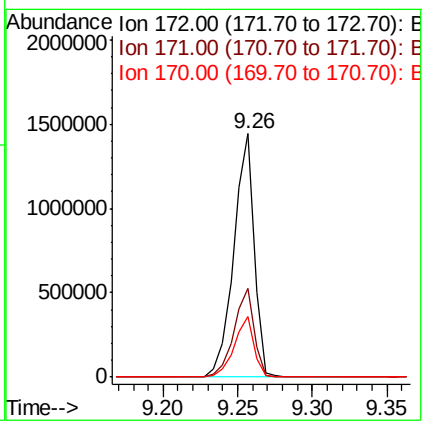


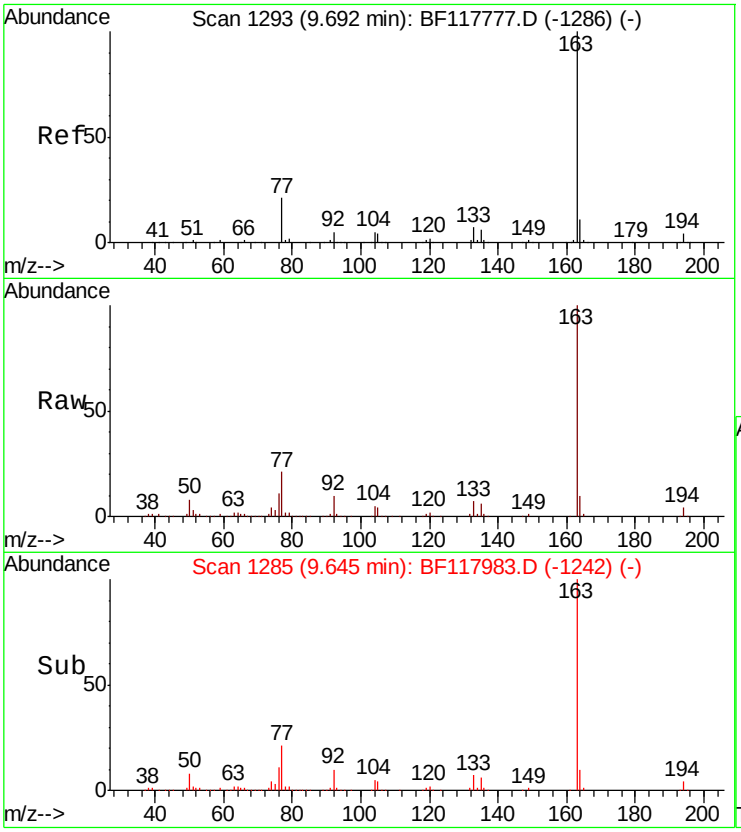


#45
2-Fluorobiphenyl
Concen: 67.456 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion:172 Resp: 1388518

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.9	46.3
170	24.7	21.0	31.4



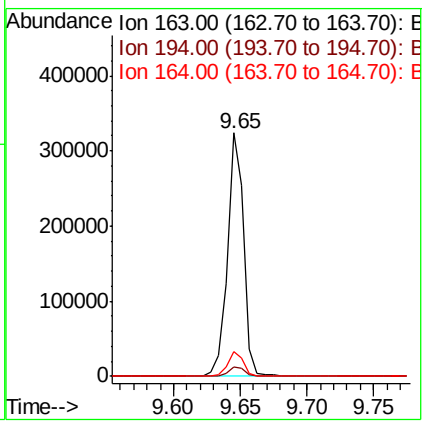


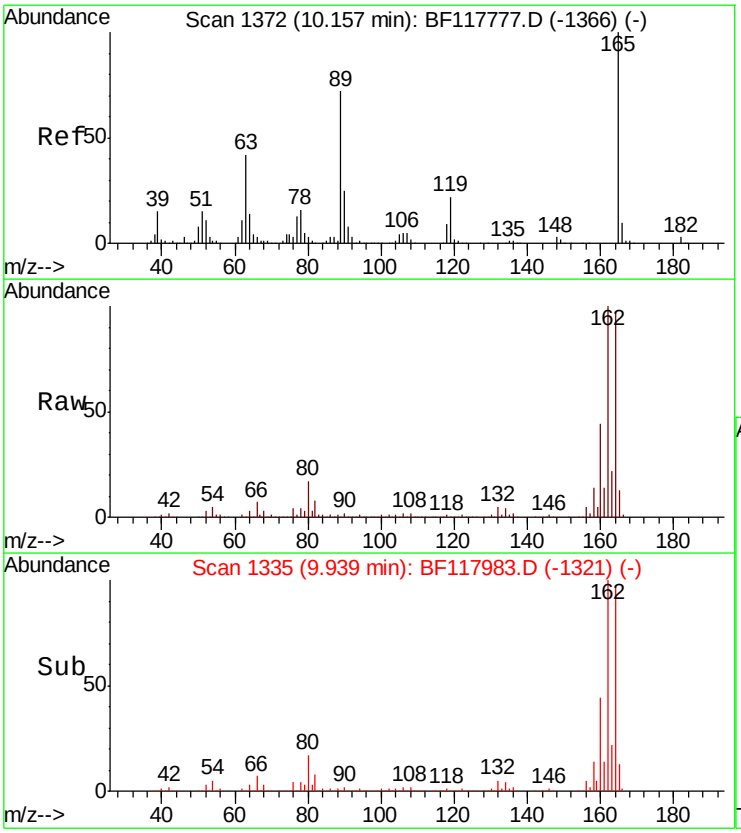
#50
Dimethylphthalate
Concen: 10.695 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 276959

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.7	13.1

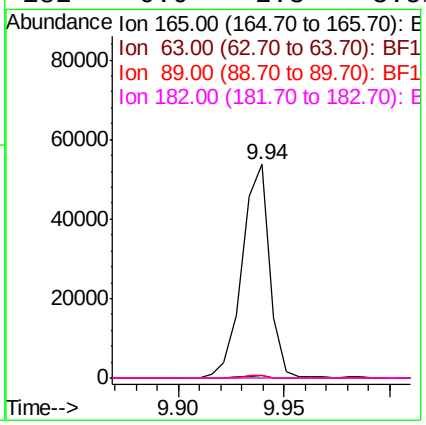


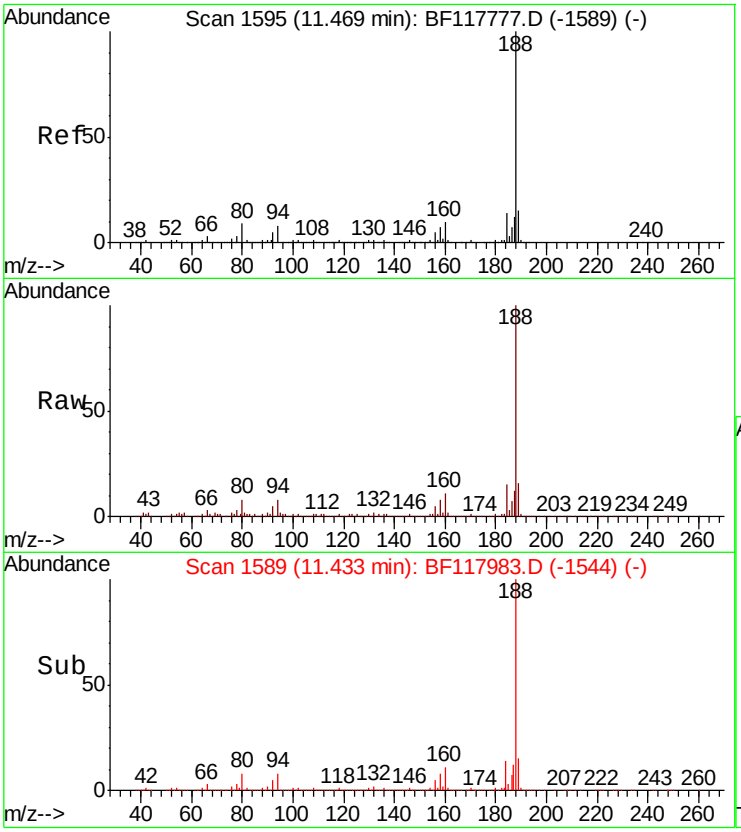


#57
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.22 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion:165 Resp: 48758

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#



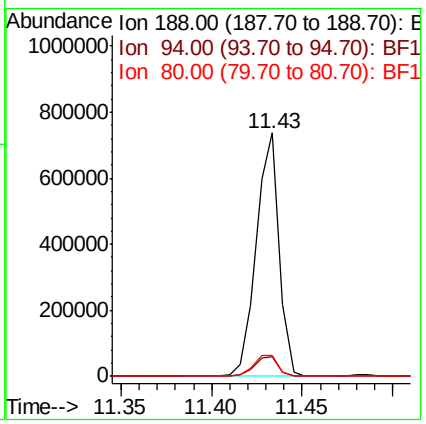


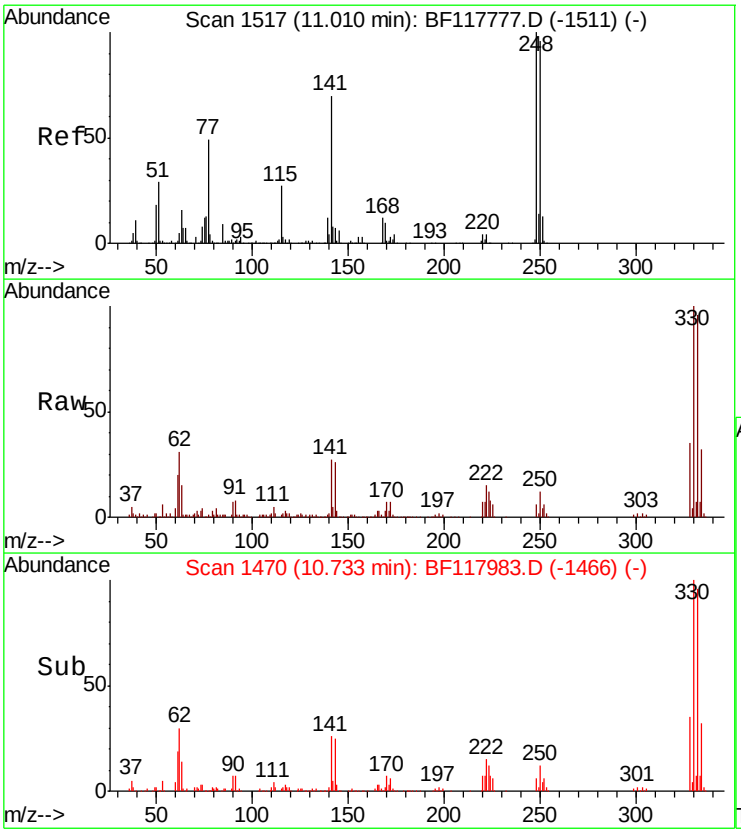
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 648320

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.6	10.0
80	8.4	7.2	10.8

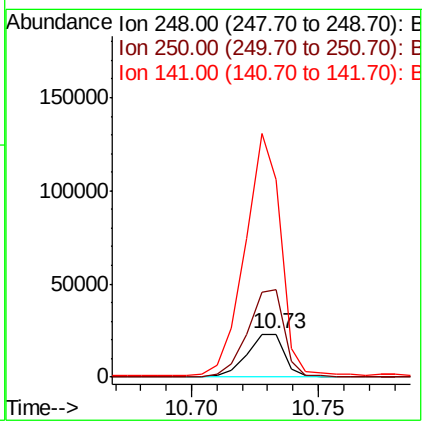


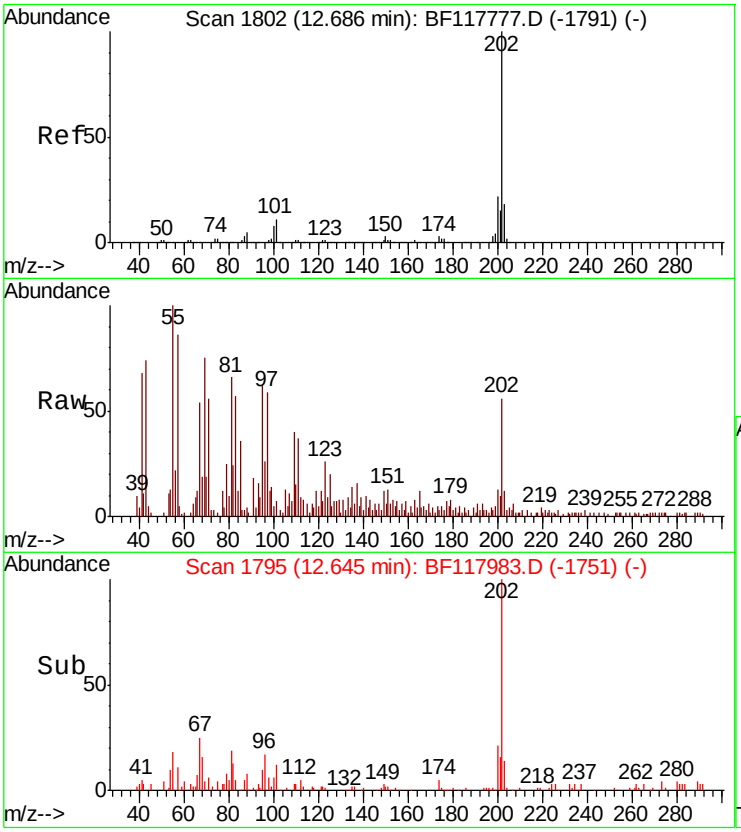


#67
4-Bromophenyl-phenylether
Concen: 3.365 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.28 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion:248 Resp: 23536

Ion	Ratio	Lower	Upper
248	100		
250	202.9	76.6	115.0#
141	458.8	55.9	83.9#



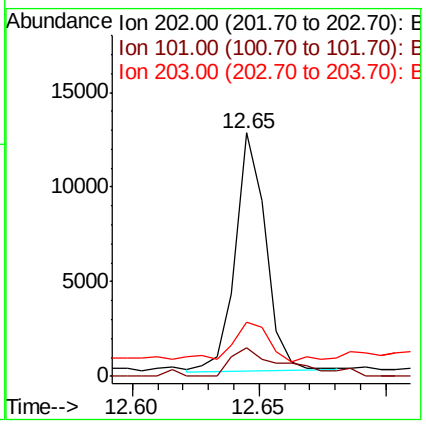


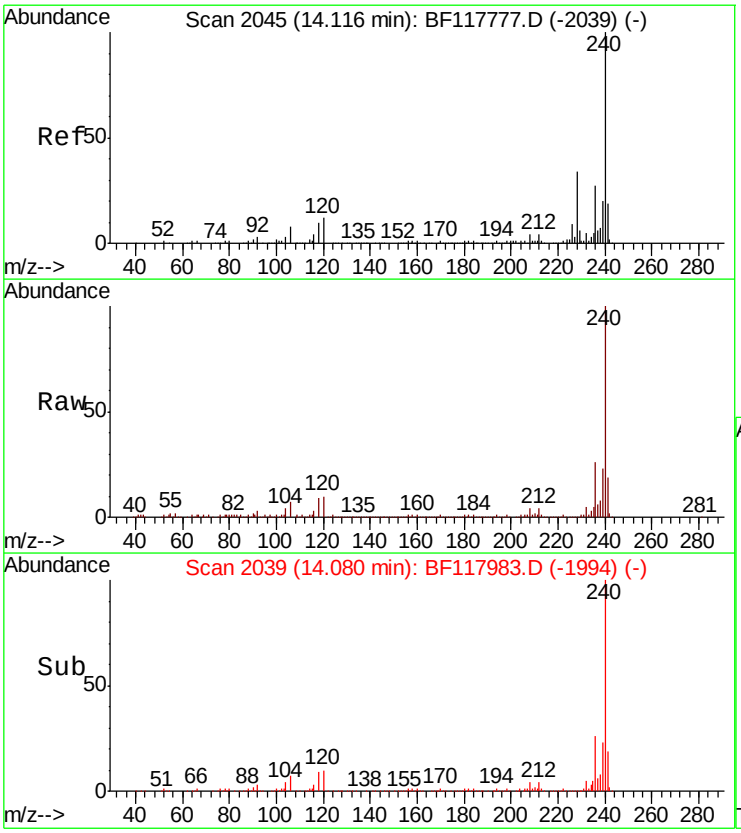
#75
Fluoranthene
Concen: Below Cal
RT: 12.65 min Scan# 1795
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 10399

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.1
203	22.2	0.0	38.2

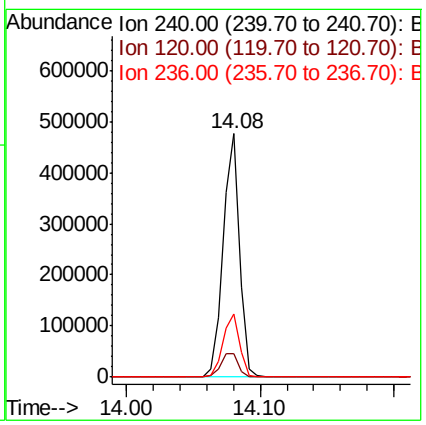


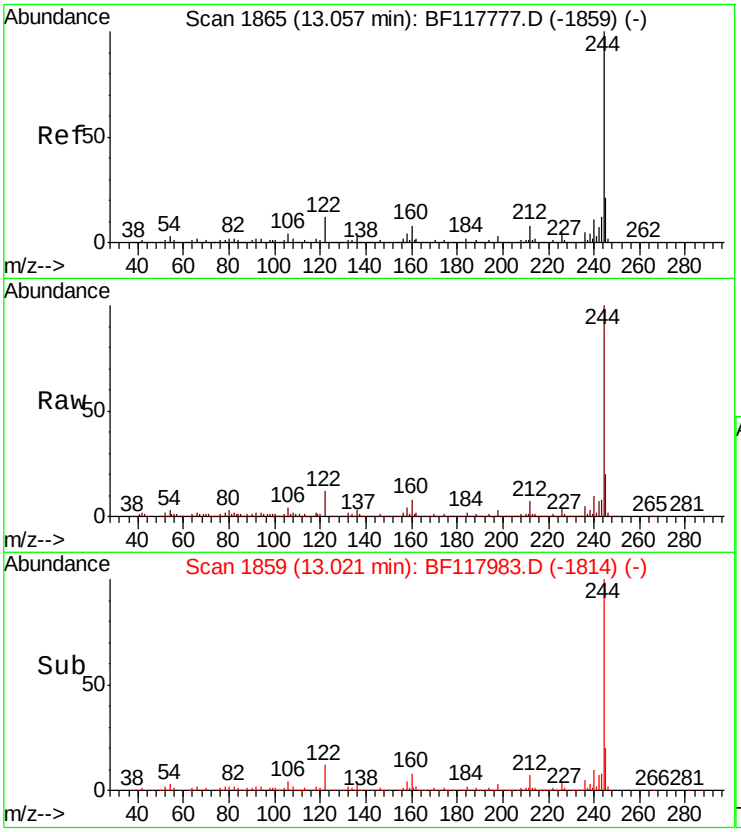


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion:240 Resp: 413247

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.9	21.3	31.9



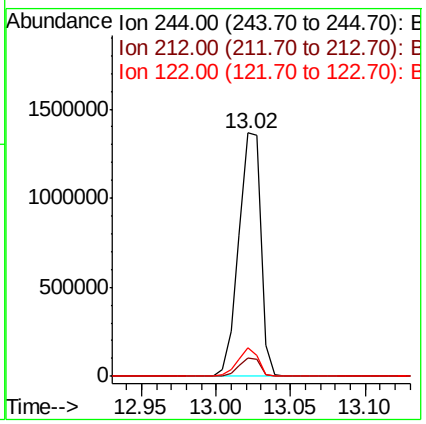


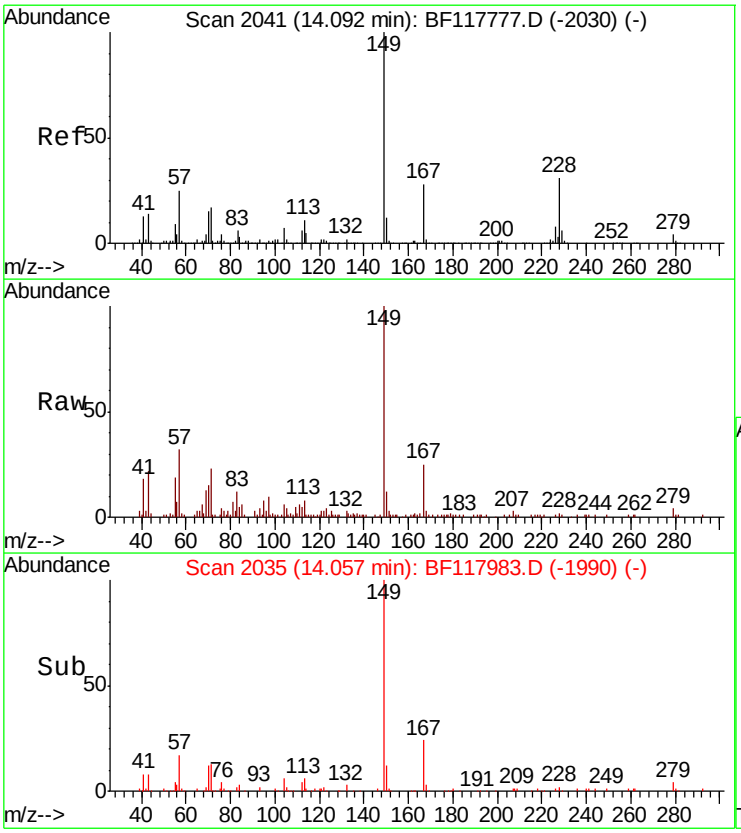
#79
Terphenyl-d14
Concen: 62.441 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1411875

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	11.8	9.4	14.2

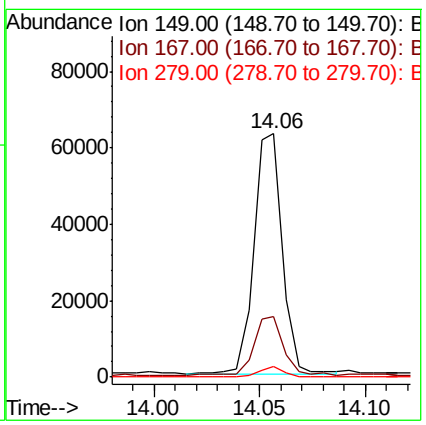


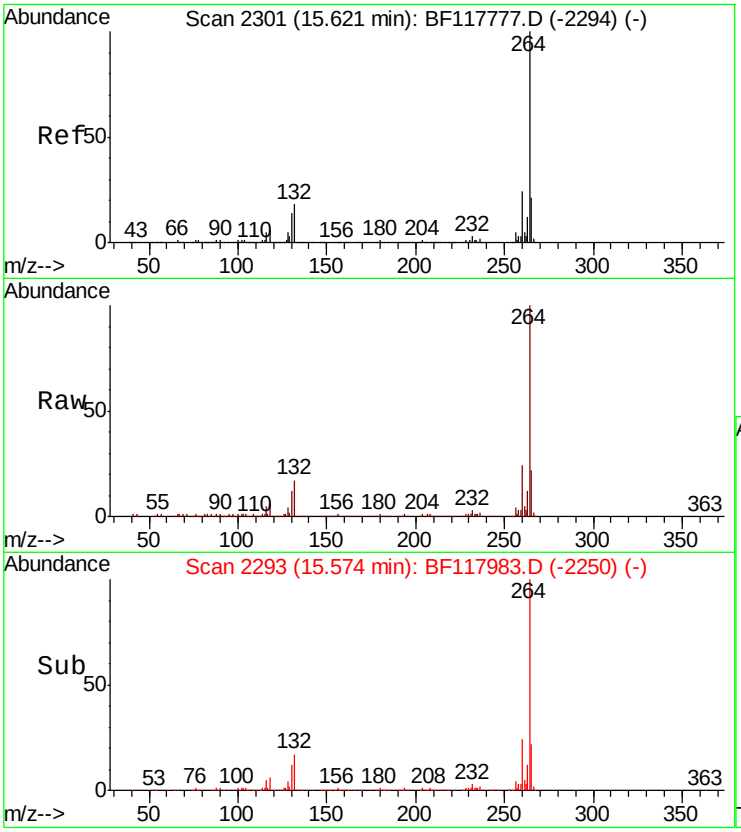


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.378 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion:149 Resp: 58737

Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.2	33.2
279	4.3	3.4	5.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.05 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 347309

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.7	17.1	25.7