Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117415.D
Acq On : 16 Oct 2019 16:00
Operator : JU
Sample : PB123985TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123985TB

Quant Time: Oct 17 01:00:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43983	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	177422	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	91042	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	163232	20.00	ng	0.00
76) Chrysene-d12	13.96	240	142407	20.00	ng	0.00
87) Perylene-d12	15.41	264	138103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	334455	117.00	ng	0.00
7) Phenol-d6	6.44	99	431636	113.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	298100	85.17	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	110819	149.56	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	552530	88.48	ng	0.00
79) Terphenyl-d14	12.90	244	651923	74.63	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	8659	Below Cal	#	77
19) n-Nitroso-di-n-propylamine	7.36	70	39372	16.281	ng	# 76
25) Isophorone	7.36	82	298098	47.811	ng	# 67
51) 2,6-Dinitrotoluene	9.83	165	11616	8.452	ng	# 21
57) 2,4-Dinitrotoluene	9.83	165	11616	6.406	ng	# 12
67) 4-Bromophenyl-phenylether	10.62	248	6894	3.851	ng	# 1
77) Benzidine	12.90	184	8532	2.422	ng	96
84) Bis(2-ethylhexyl)phthalate	13.92	149	109152	12.230	ng	97

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

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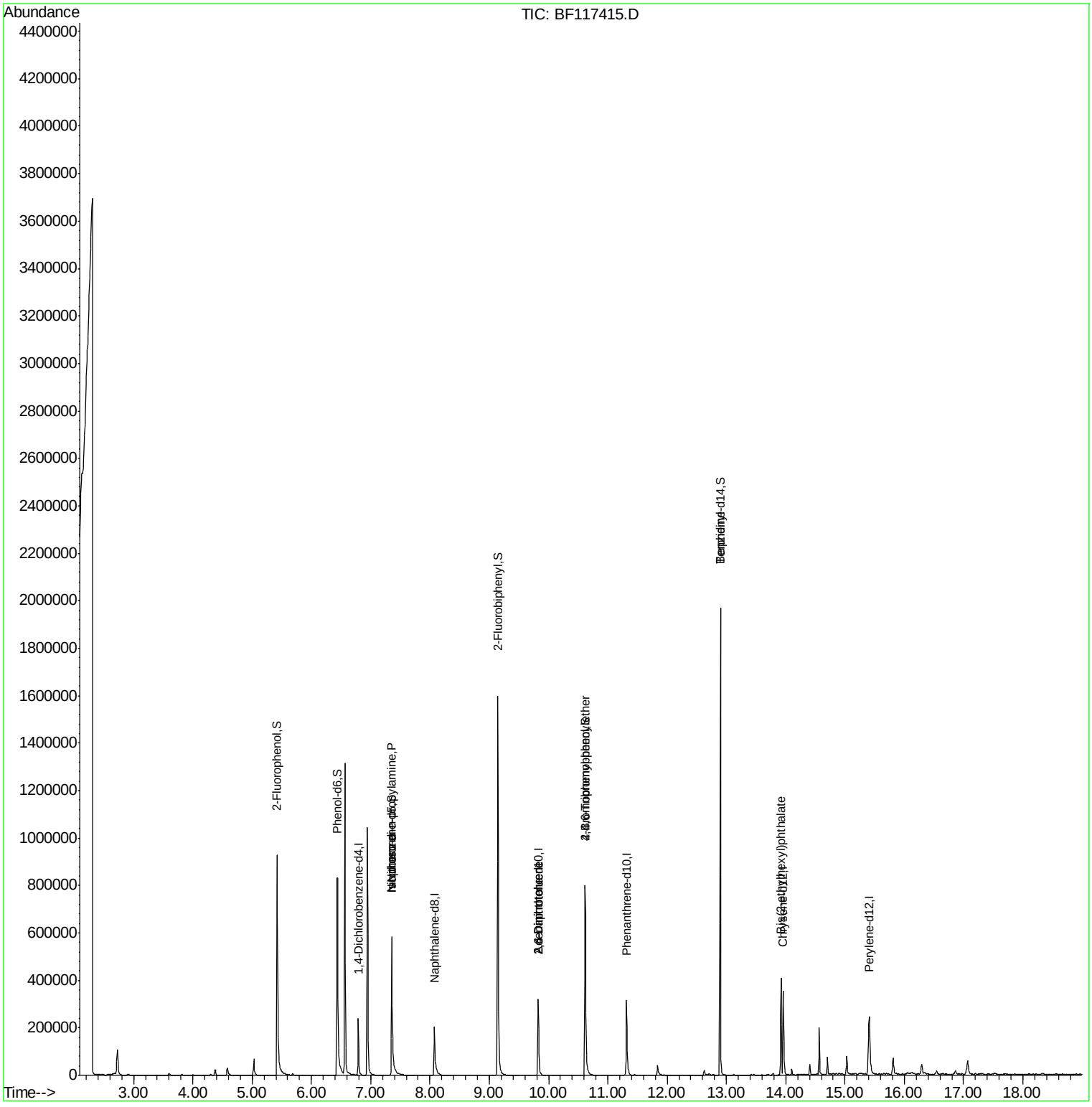
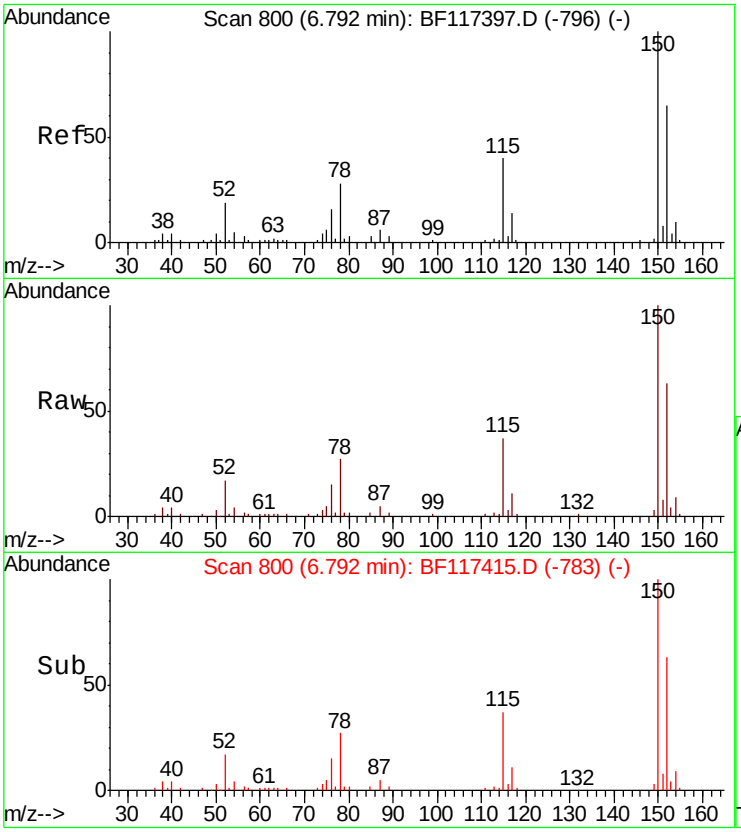


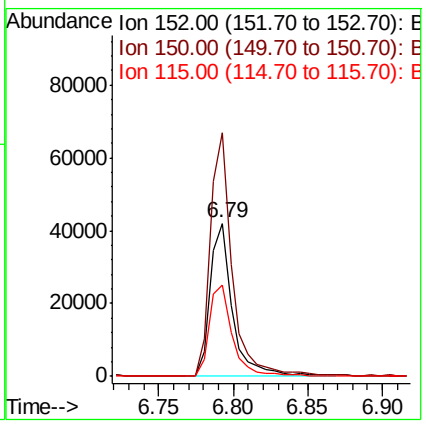


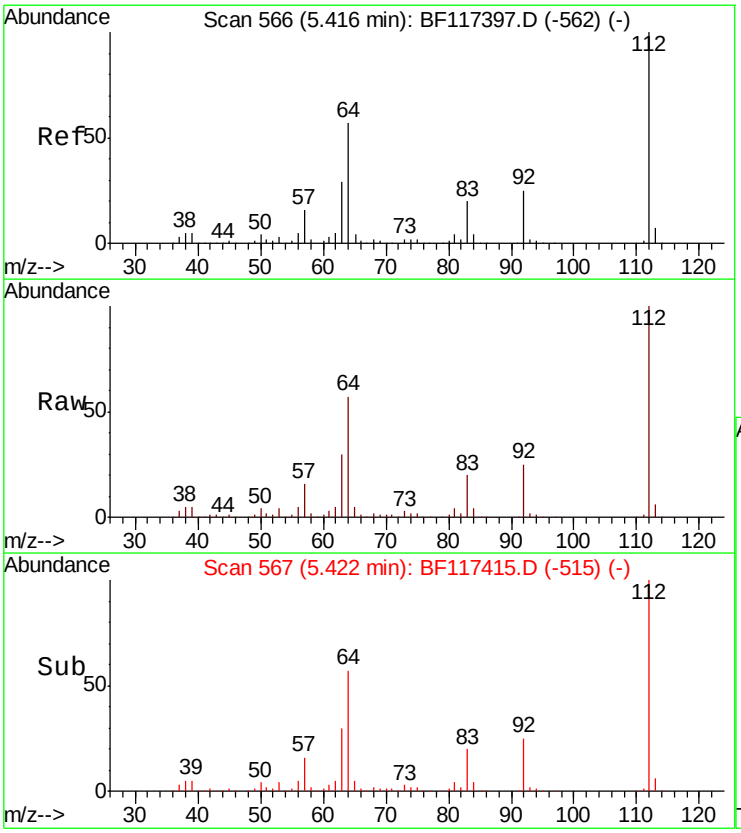
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tgt Ion:152 Resp: 43983

Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.7	184.1
115	59.5	48.6	73.0

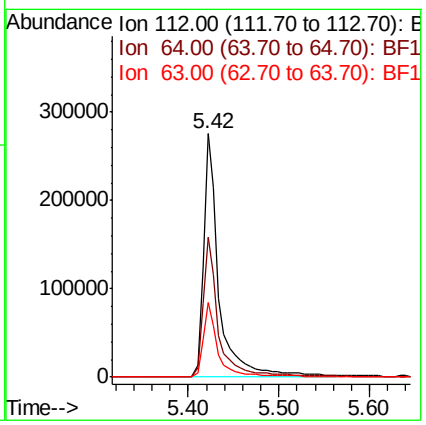


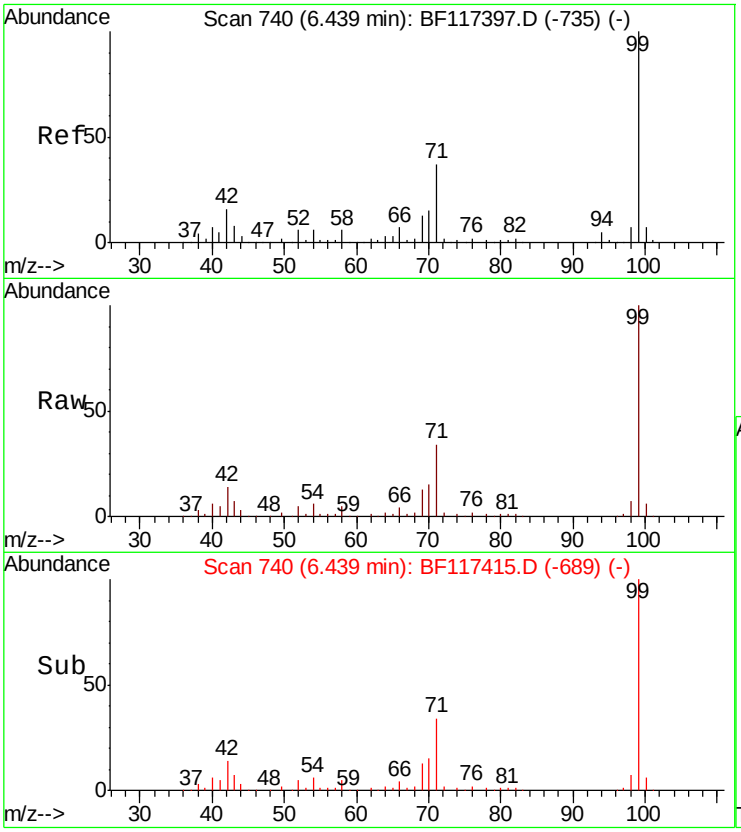


#5
2-Fluorophenol
Concen: 117.000 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion:112 Resp: 334455

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.2	67.8
63	30.5	23.4	35.2



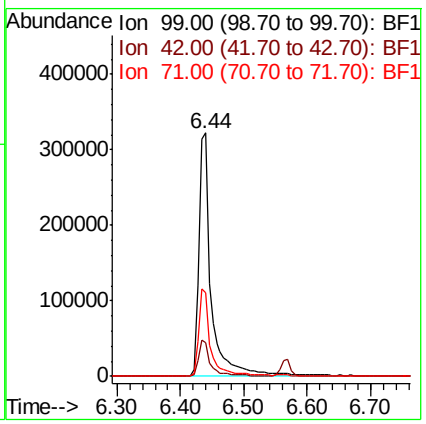


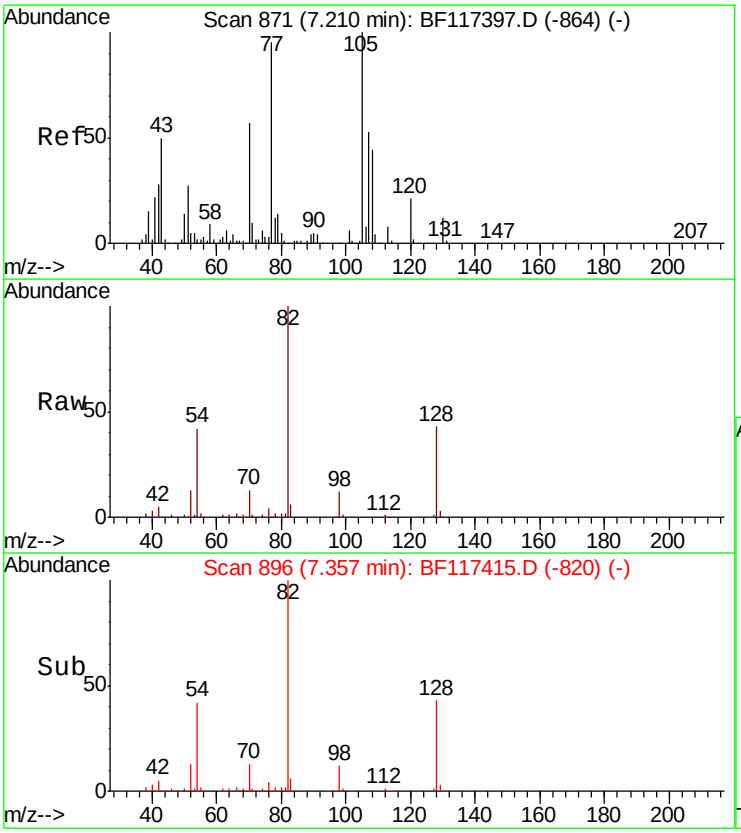
#7
Phenol-d6
Concen: 113.804 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tgt Ion: 99 Resp: 431636

Ion	Ratio	Lower	Upper
99	100		
42	13.8	12.5	18.7
71	34.4	29.2	43.8

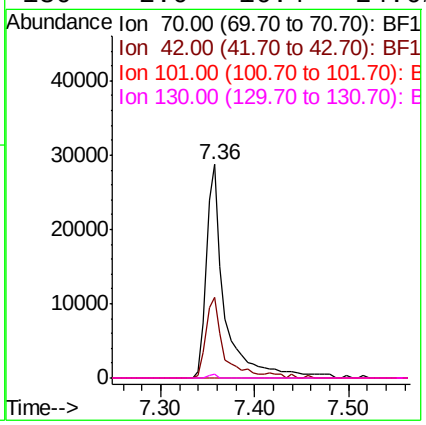


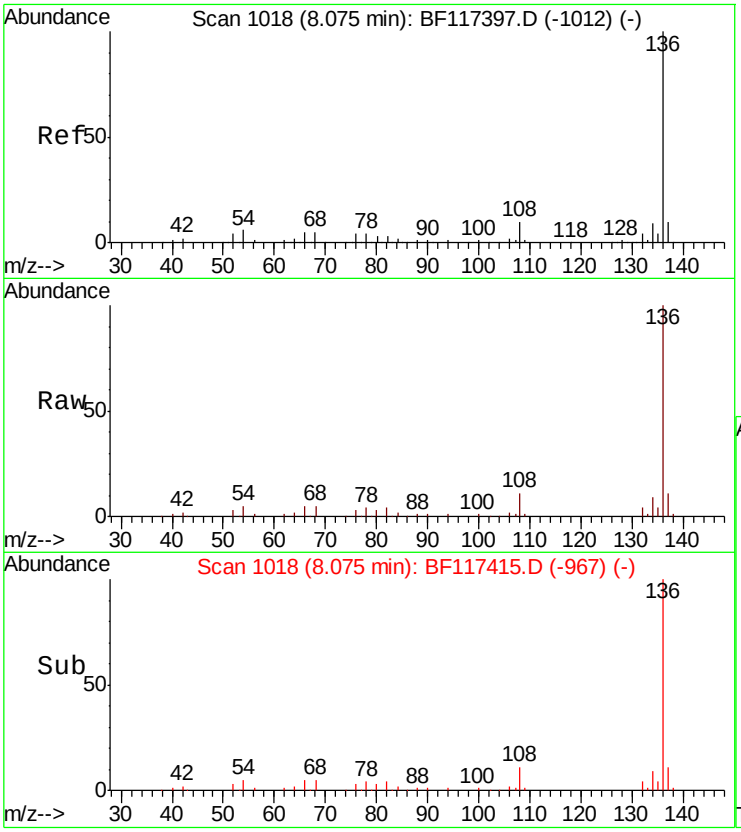


#19
n-Nitroso-di-n-propylamine
Concen: 16.281 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion: 70 Resp: 39372

Ion	Ratio	Lower	Upper
70	100		
42	38.0	39.8	59.8#
101	0.0	8.1	12.1#
130	2.0	16.4	24.6#



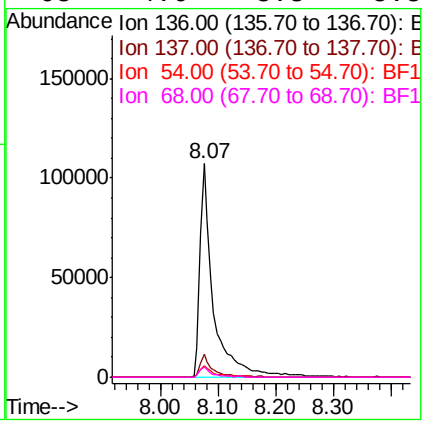


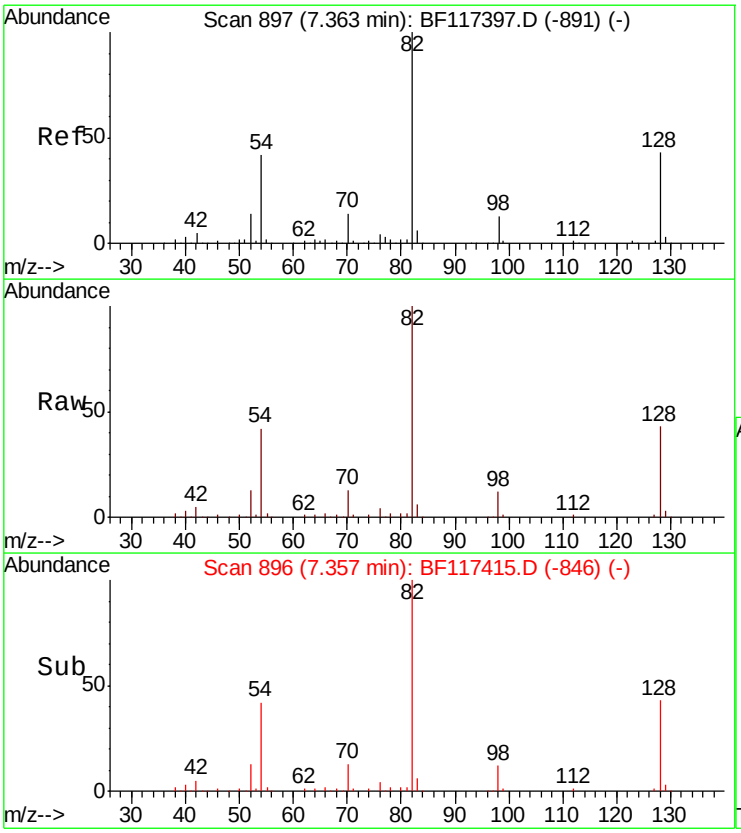
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tgt Ion:136 Resp: 177422

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.3	4.6	6.8
68	4.6	3.8	5.8

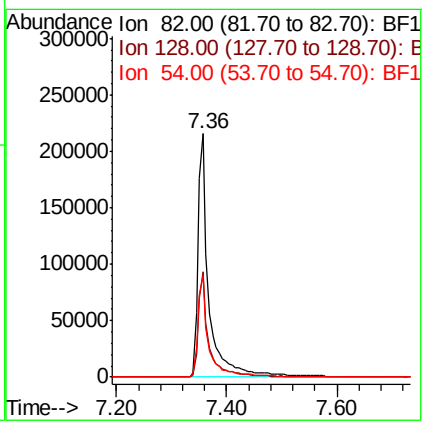


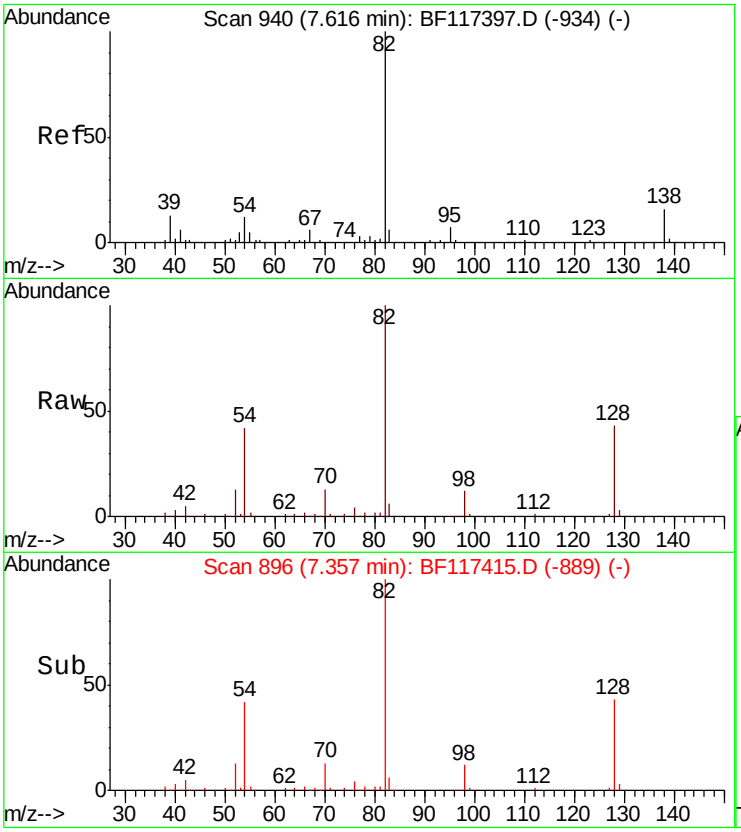


#23
Nitrobenzene-d5
Concen: 85.169 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion: 82 Resp: 298100

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.1	51.1
54	41.8	33.3	49.9



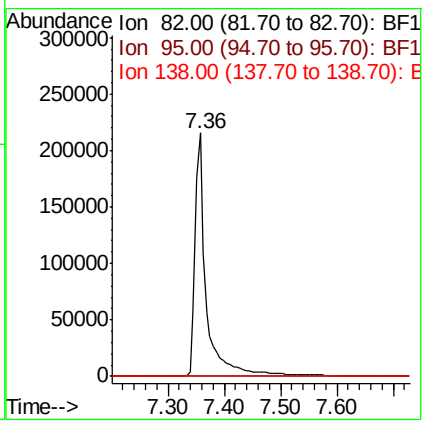


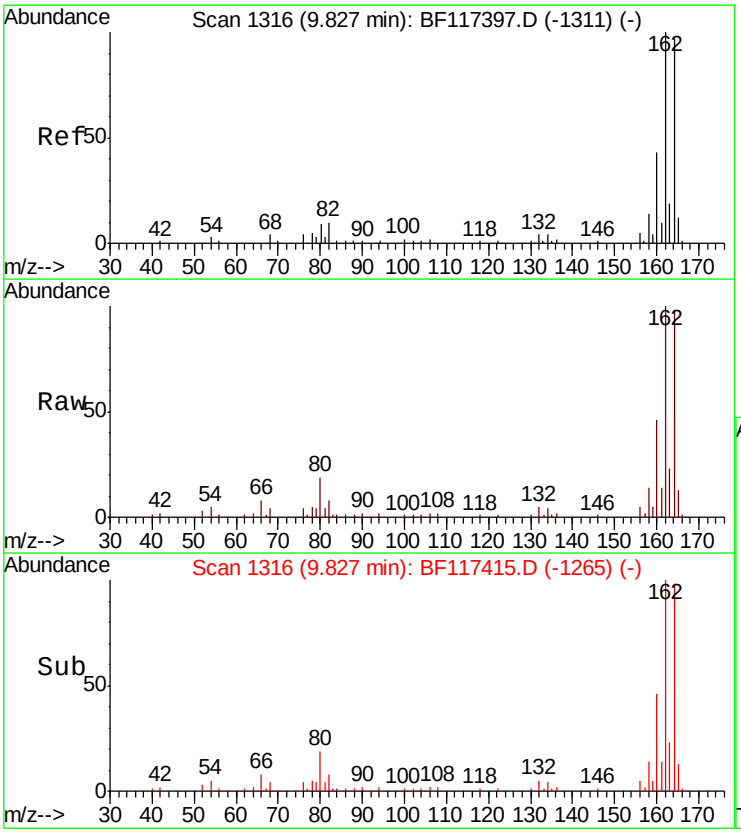
#25
Isophorone
Concen: 47.811 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tgt Ion: 82 Resp: 298098

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

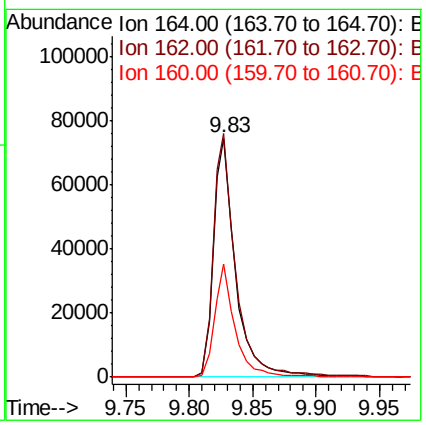


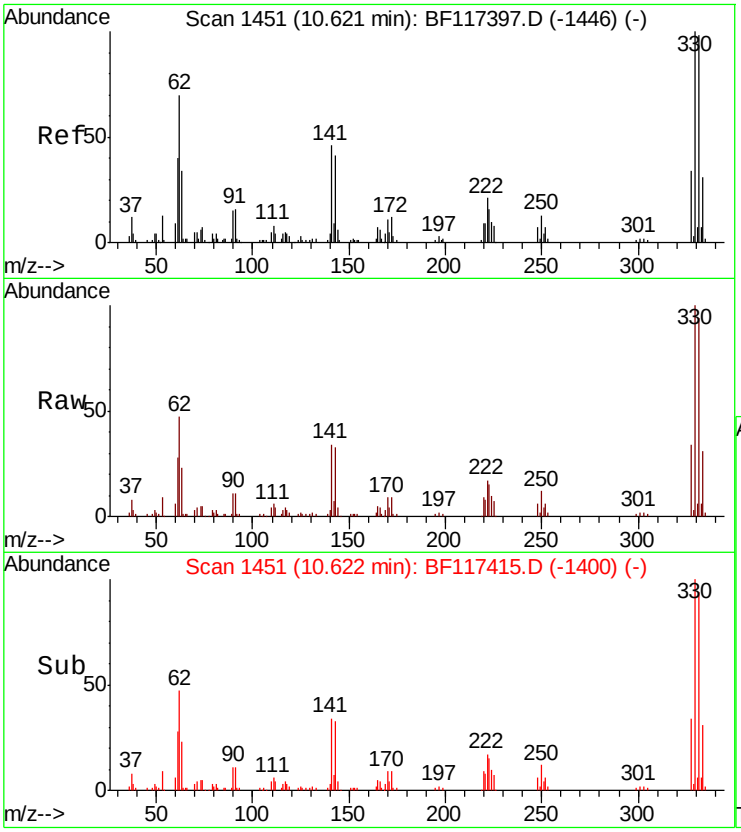


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion:164 Resp: 91042

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.4	123.6
160	47.1	35.4	53.0



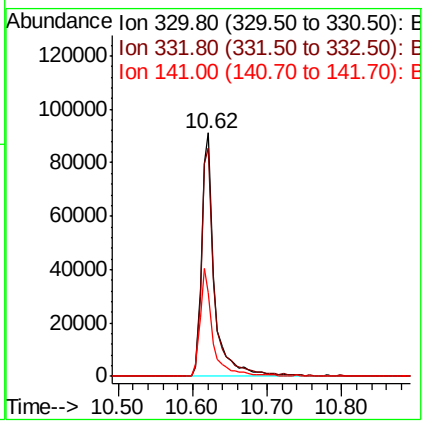


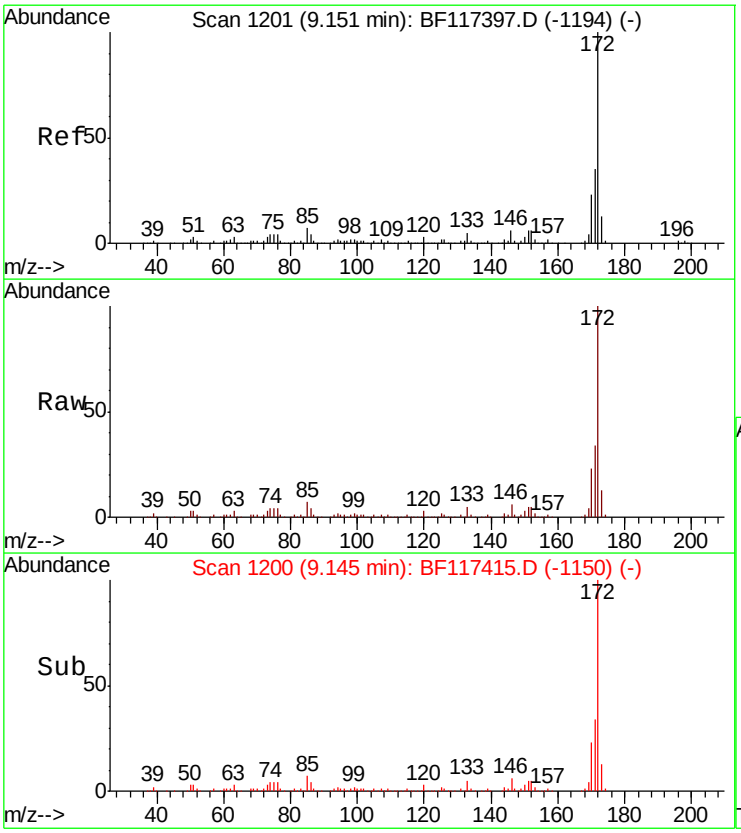
#42
2,4,6-Tribromophenol
Concen: 149.561 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tgt Ion:330 Resp: 110819

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.0	112.6
141	44.0	34.2	51.4

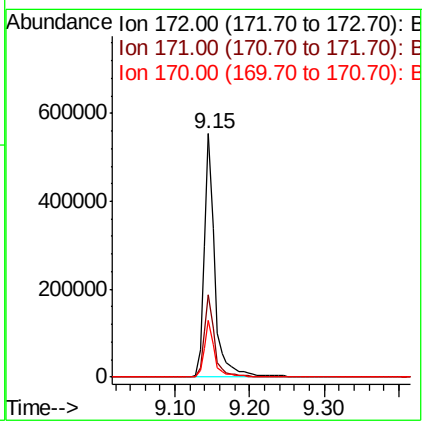


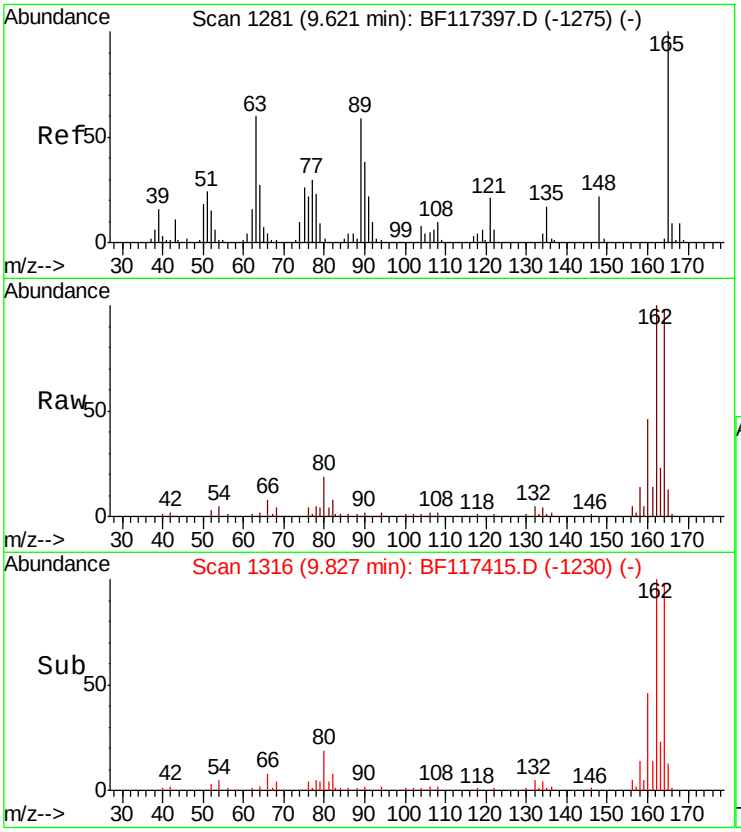


#45
2-Fluorobiphenyl
Concen: 88.478 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion:172 Resp: 552530

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.2	42.2
170	23.1	18.2	27.2



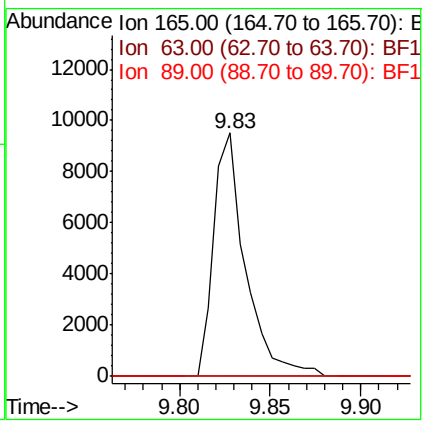


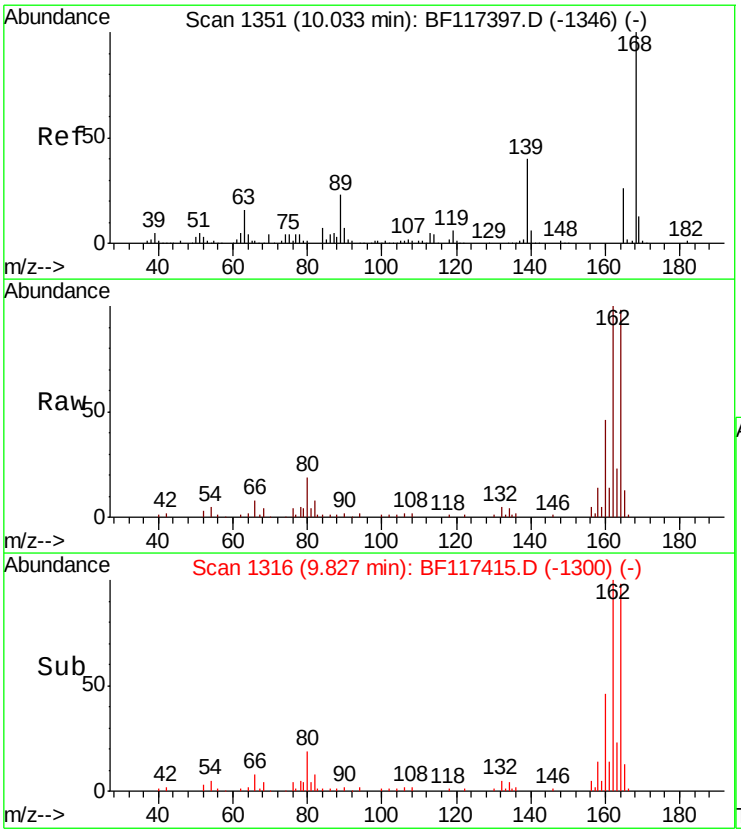
#51
2,6-Dinitrotoluene
Concen: 8.452 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tgt Ion:165 Resp: 11616

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.8	71.6#
89	0.0	47.4	71.0#

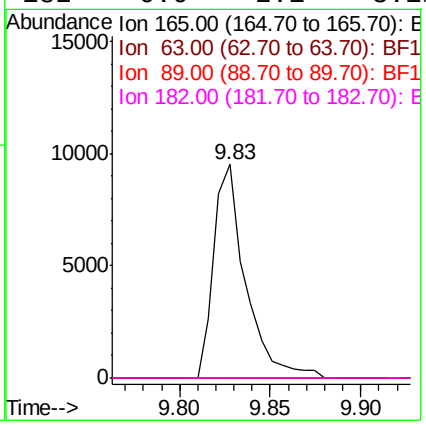


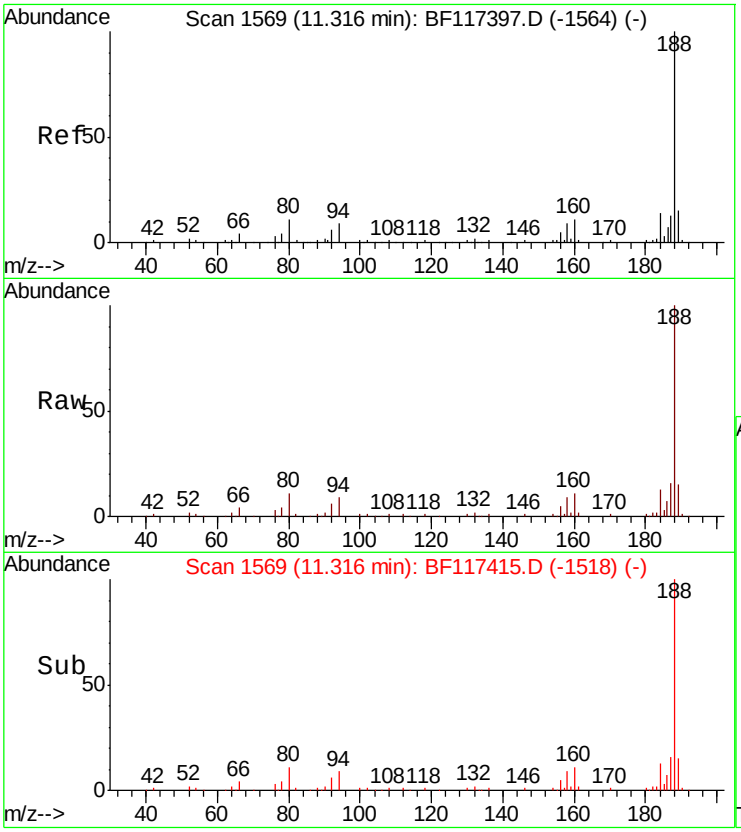


#57
2,4-Dinitrotoluene
Concen: 6.406 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion:165 Resp: 11616

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.0	76.4#
89	0.0	70.7	106.1#
182	0.0	2.1	3.1#



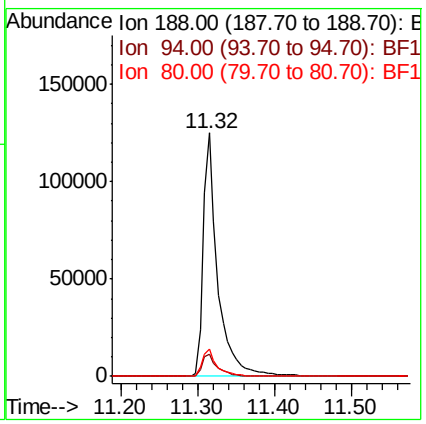


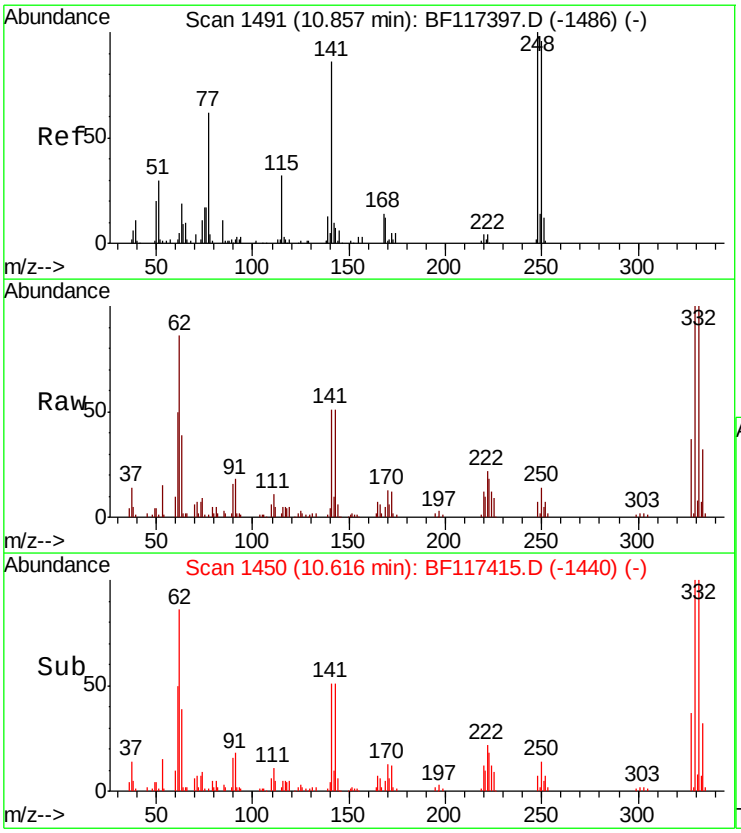
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tgt Ion:188 Resp: 163232

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	11.2	8.7	13.1

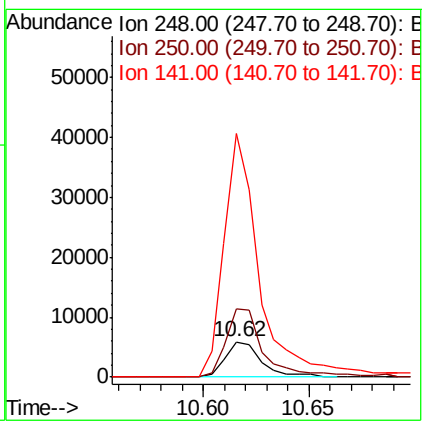


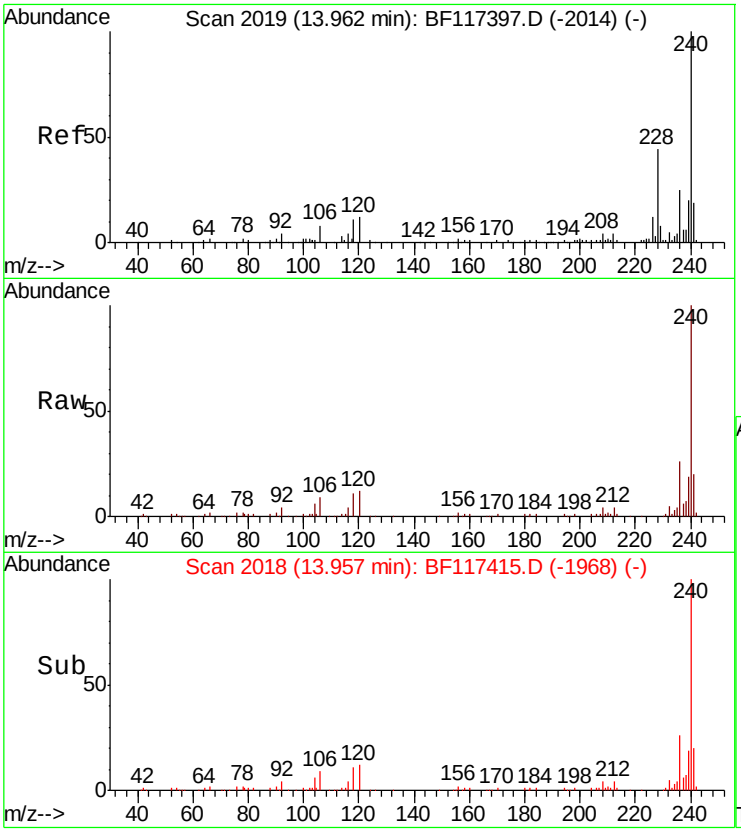


#67
4-Bromophenyl-phenylether
Concen: 3.851 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion:248 Resp: 6894

Ion	Ratio	Lower	Upper
248	100		
250	195.3	77.1	115.7#
141	693.6	69.1	103.7#



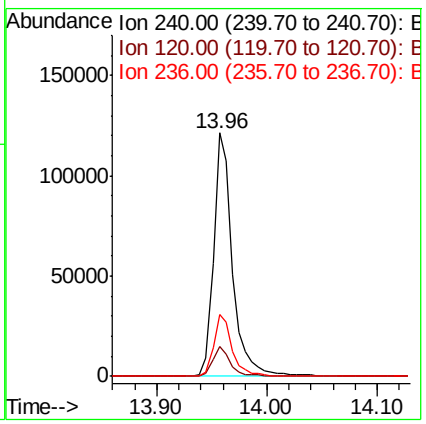


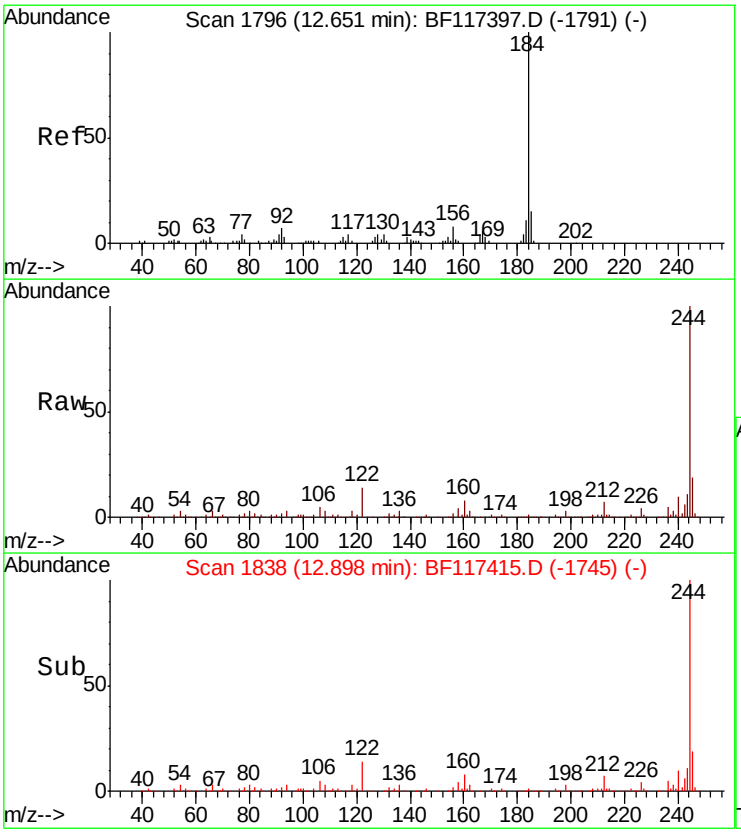
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tgt Ion:240 Resp: 142407

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.4	14.0
236	25.5	19.8	29.6

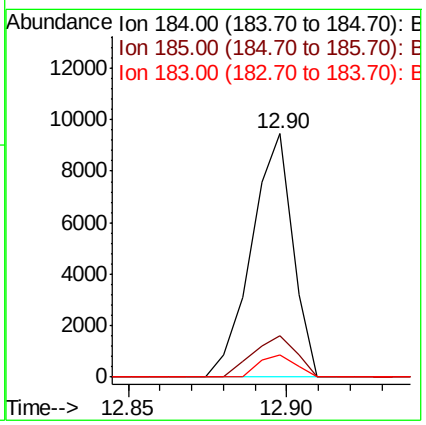


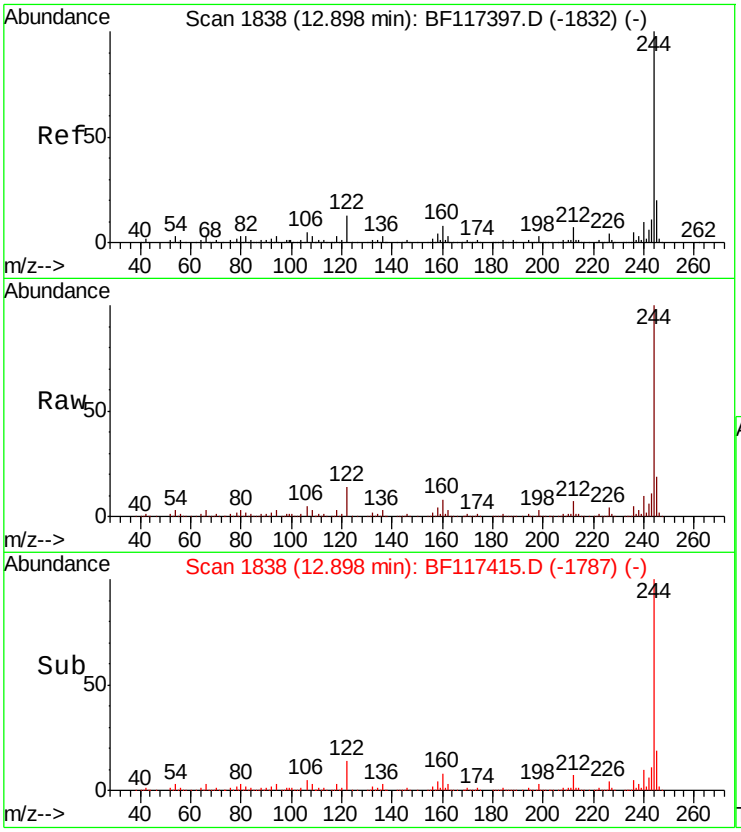


#77
Benzidine
Concen: 2.422 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.25 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion:184 Resp: 8532

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.2	18.2
183	9.3	8.9	13.3



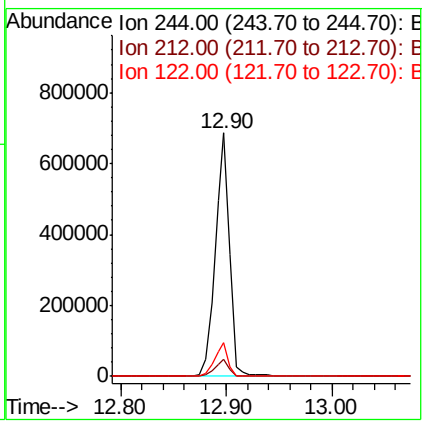


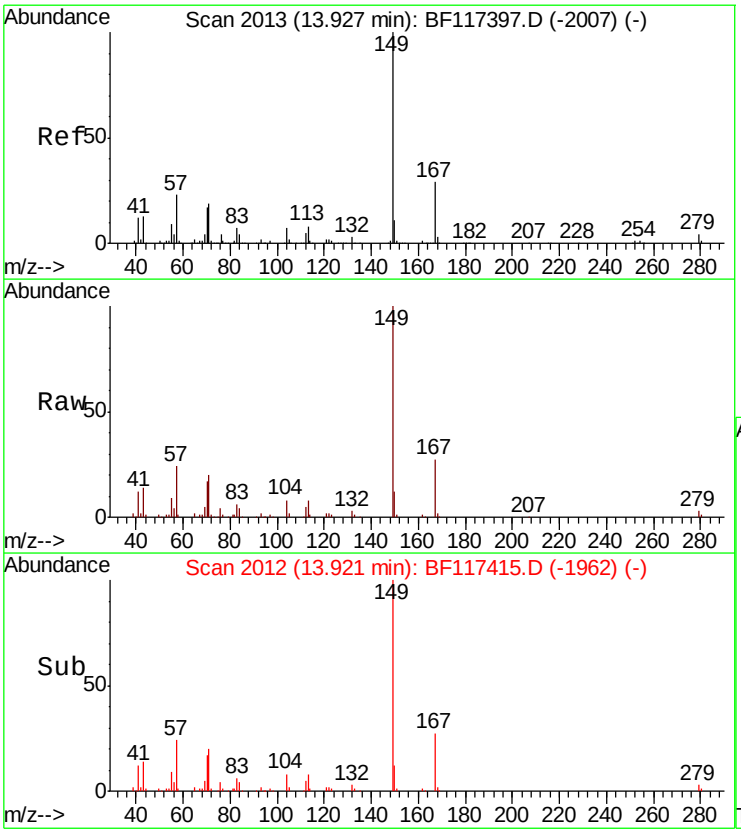
#79
Terphenyl-d14
Concen: 74.627 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument : BNA_F
ClientSampleId : PB123985TB

Tgt Ion:244 Resp: 651923

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	13.7	10.7	16.1

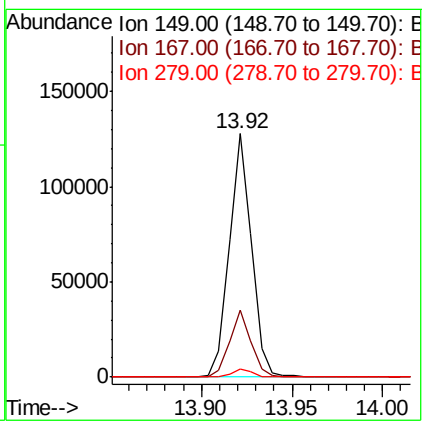


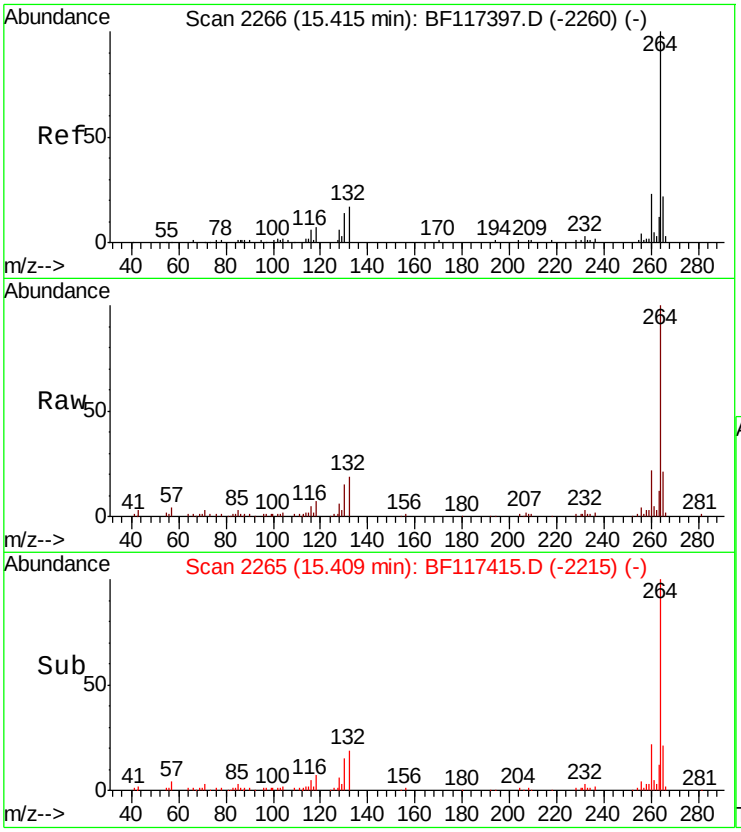


#84
Bis(2-ethylhexyl)phthalate
Concen: 12.230 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion:149 Resp: 109152

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.0	34.6
279	3.3	3.0	4.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tgt Ion:264 Resp: 138103

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	20.9	17.4	26.0