Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 24 08:23:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45525	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	186668	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	96442	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	162632	20.00	ng		0.00
76) Chrysene-d12	13.89	240	124819	20.00	ng		0.00
87) Perylene-d12	15.32	264	103139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	298671	97.60	ng		0.00
7) Phenol-d6	6.38	99	409458	99.62	ng		0.00
23) Nitrobenzene-d5	7.30	82	251251	66.45	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	84944	101.79	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	437966	63.99	ng		0.00
79) Terphenyl-d14	12.83	244	434405	56.77	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	498	Below Cal		#	3
10) Phenol	6.39	94	9832	2.344	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	33672	13.415	ng	#	76
25) Isophorone	7.30	82	251249	38.411	ng	#	65
50) Dimethylphthalate	9.48	163	65824	9.574	ng		99
57) 2,4-Dinitrotoluene	9.76	165	11960	6.270	ng	#	12
67) 4-Bromophenyl-phenylether	10.55	248	5342	3.050	ng	#	1
77) Benzidine	12.83	184	5607	Below Cal		#	90

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

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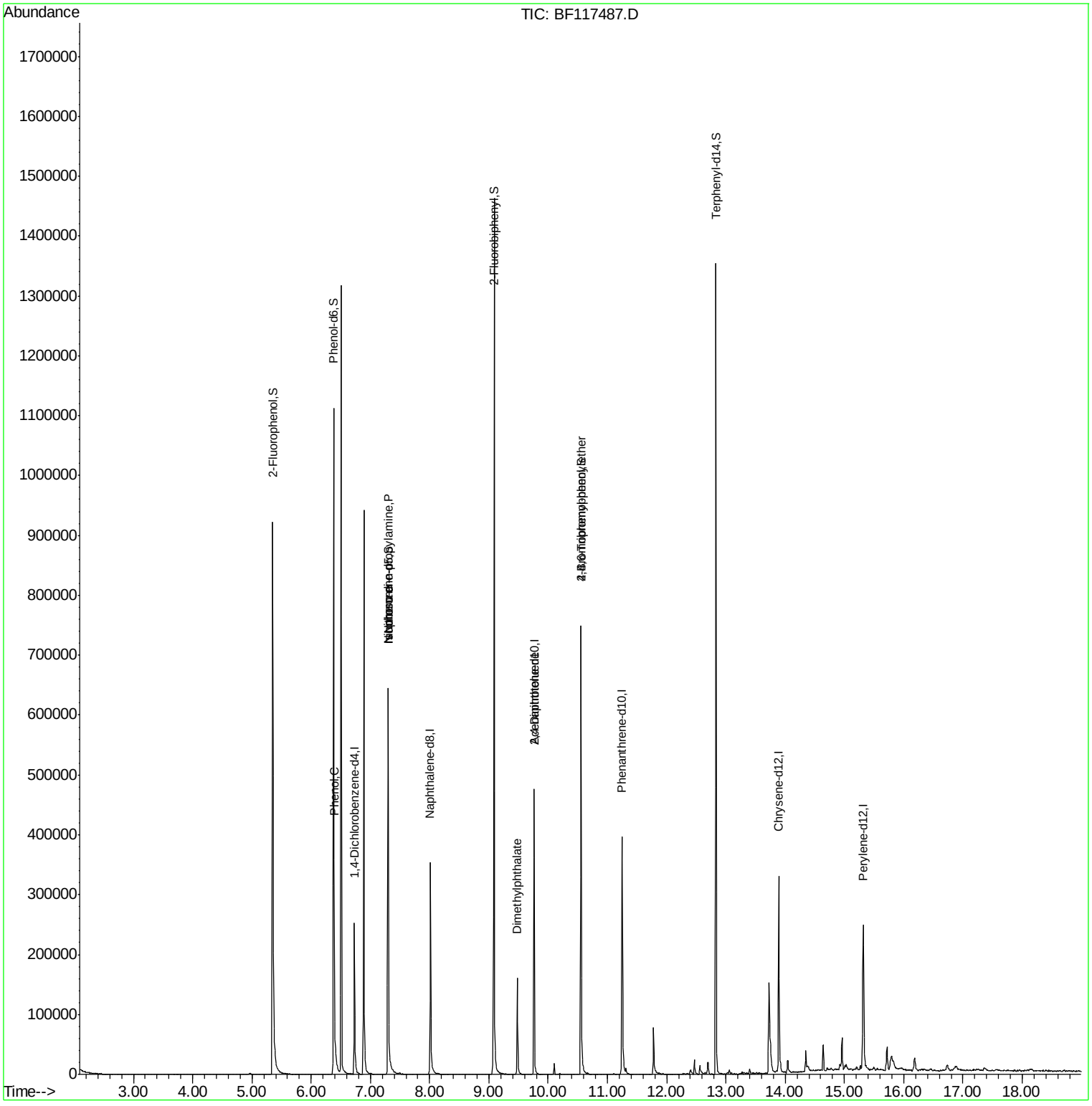
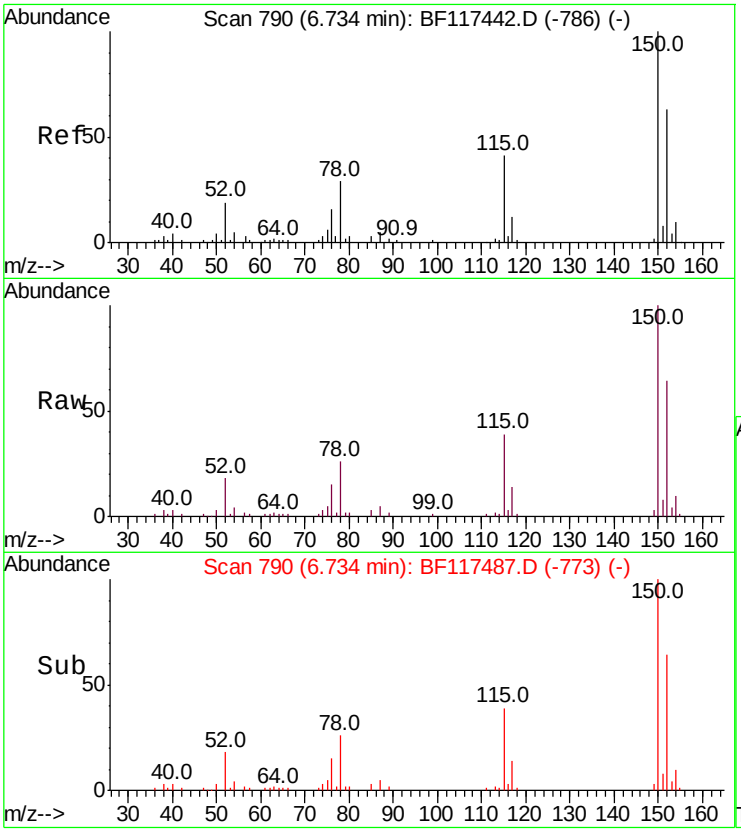


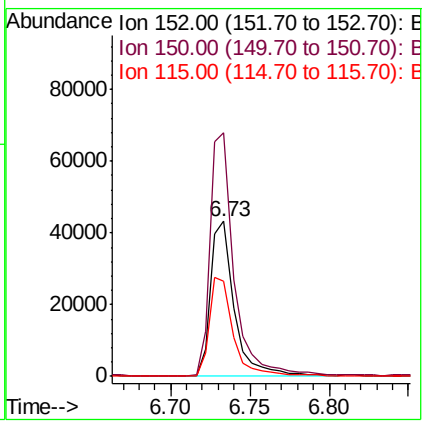


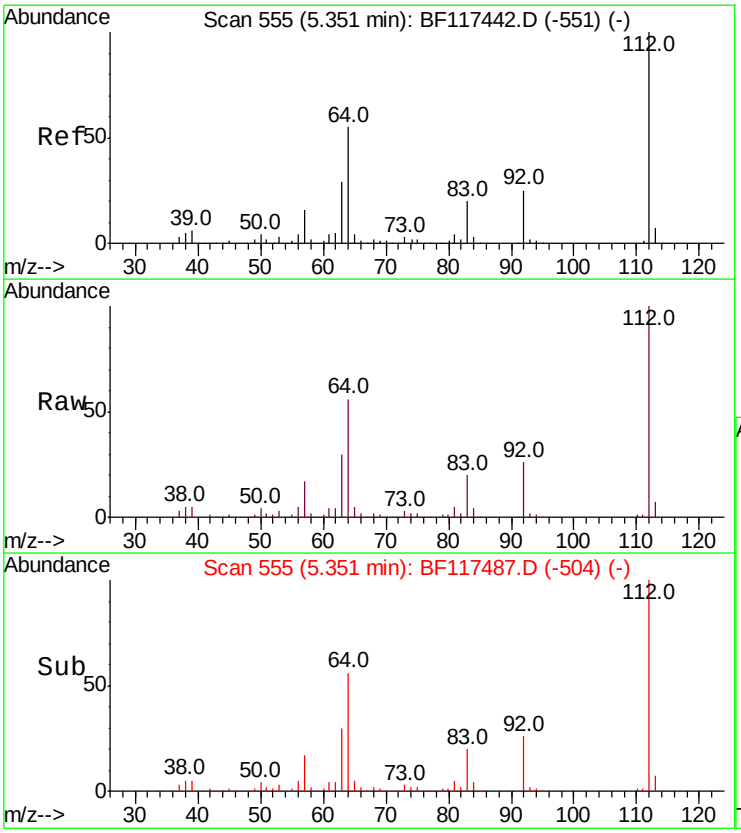
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45525

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.8	190.2
115	61.2	51.6	77.4

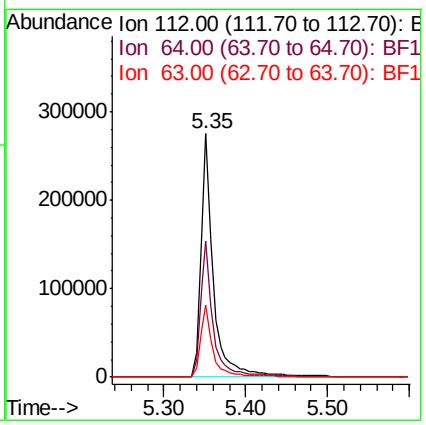


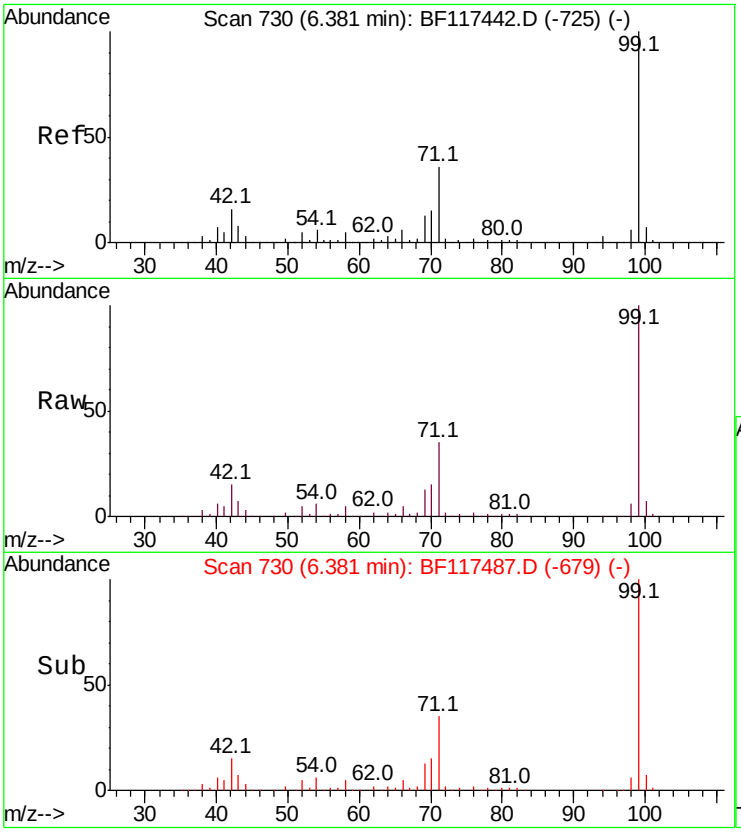


#5
2-Fluorophenol
Concen: 97.602 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion:112 Resp: 298671

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.1	66.1
63	29.7	23.4	35.2



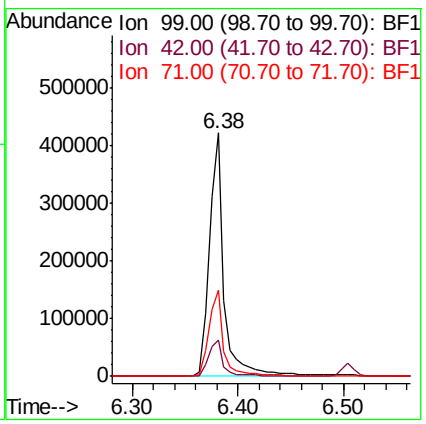


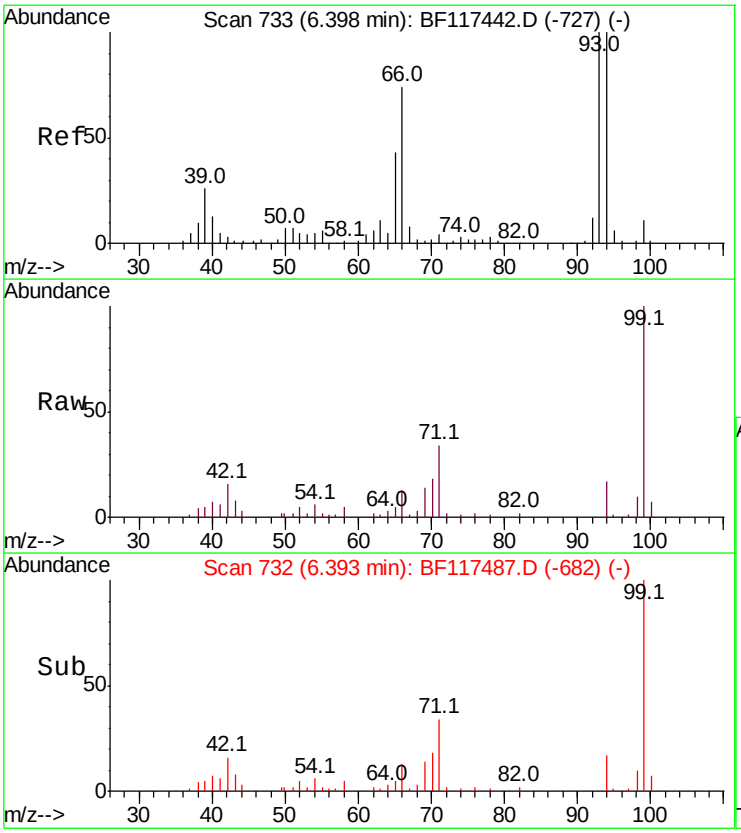
#7
Phenol-d6
Concen: 99.624 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 409458

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	35.2	28.6	43.0

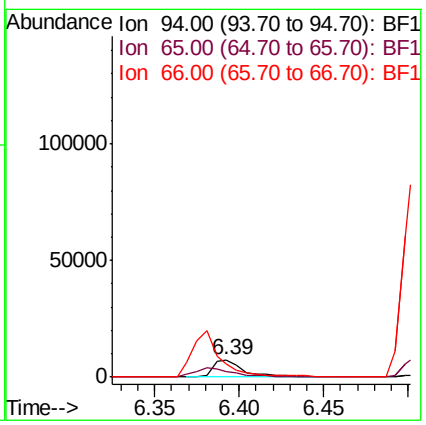


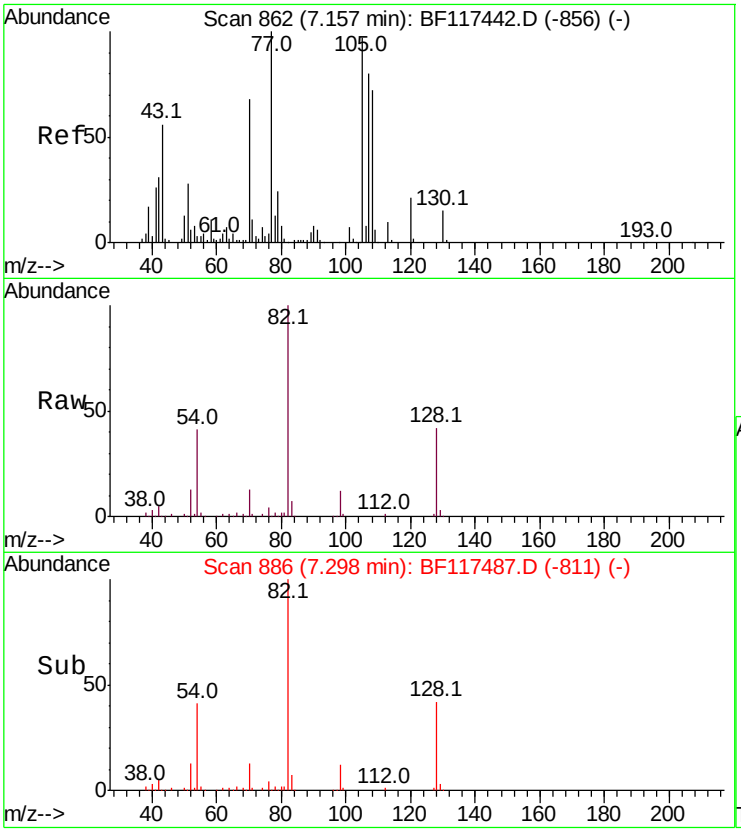


#10
Phenol
Concen: 2.344 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion: 94 Resp: 9832

Ion	Ratio	Lower	Upper
94	100		
65	31.3	23.4	63.4
66	74.9	54.7	94.7



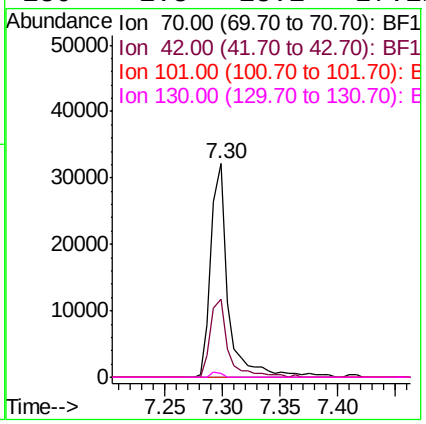


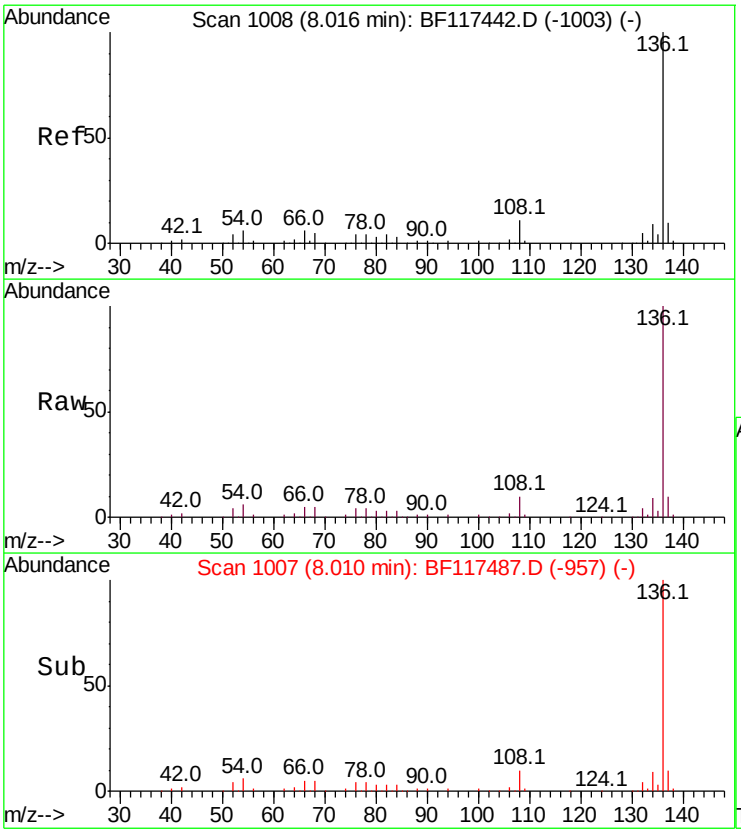
#19
n-Nitroso-di-n-propylamine
Concen: 13.415 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 33672

Ion	Ratio	Lower	Upper
70	100		
42	36.4	36.7	55.1#
101	0.0	8.3	12.5#
130	1.8	18.1	27.1#

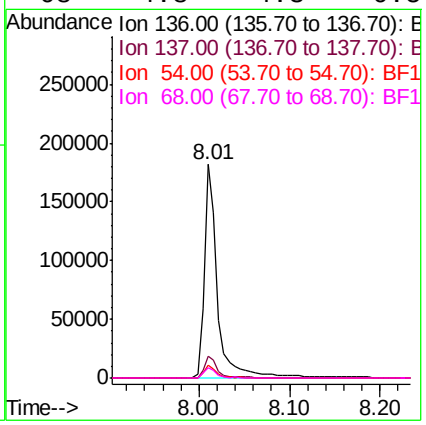


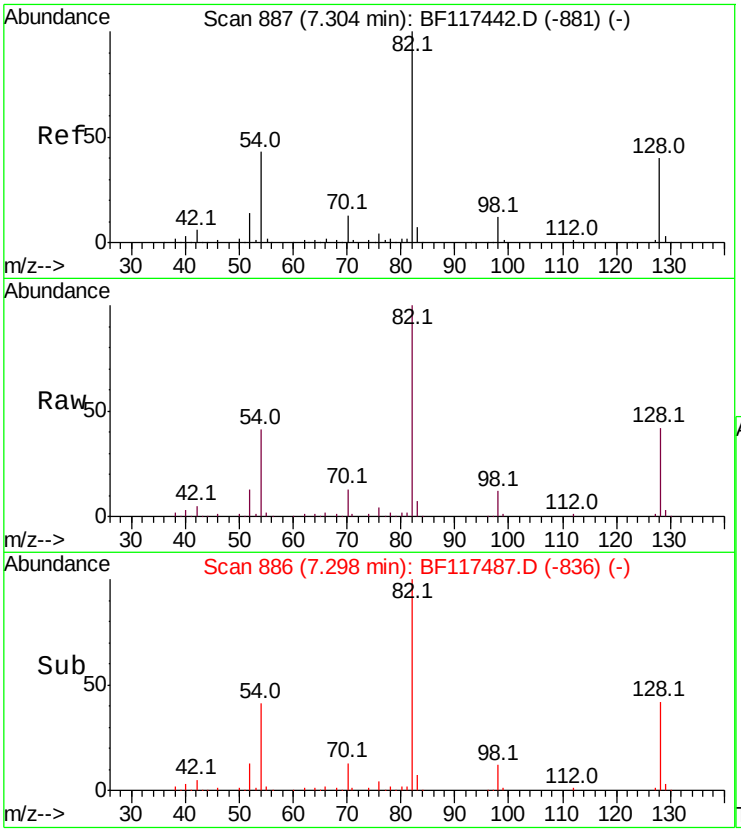


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion:136 Resp: 186668

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	6.1	4.5	6.7
68	4.8	4.3	6.5



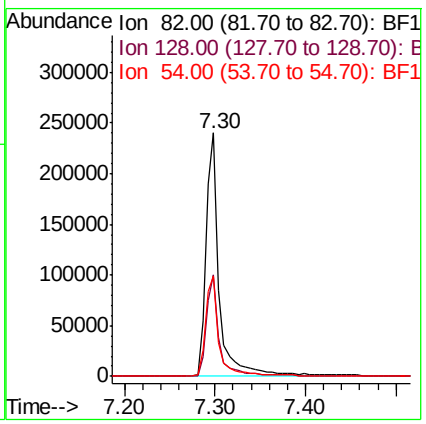


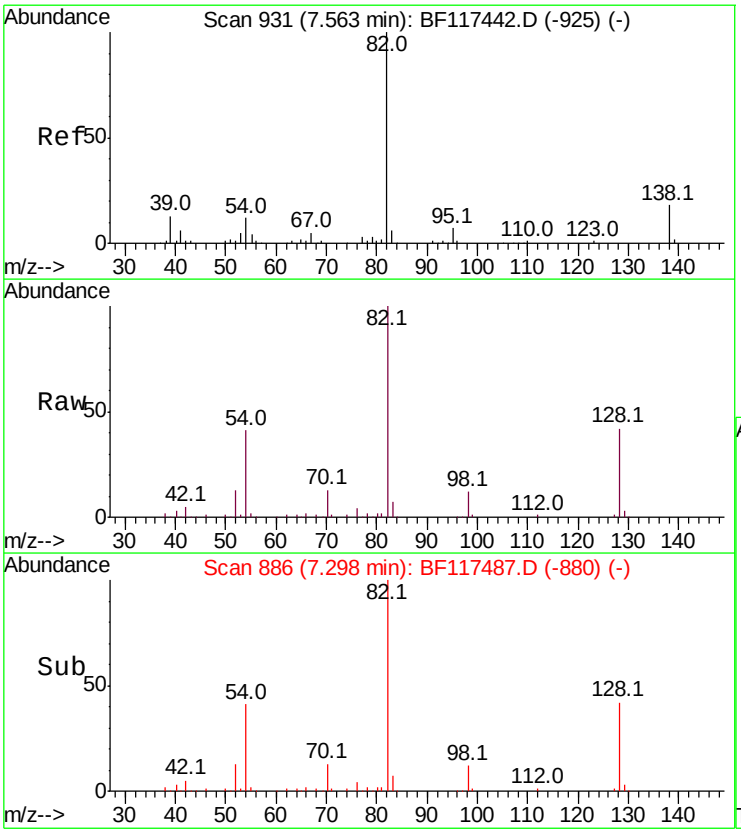
#23
Nitrobenzene-d5
Concen: 66.448 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 251251

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.2	48.2
54	41.2	34.2	51.2

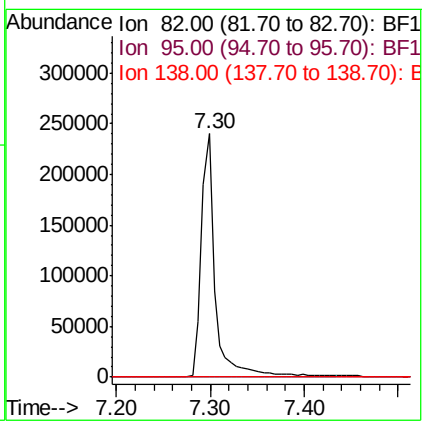


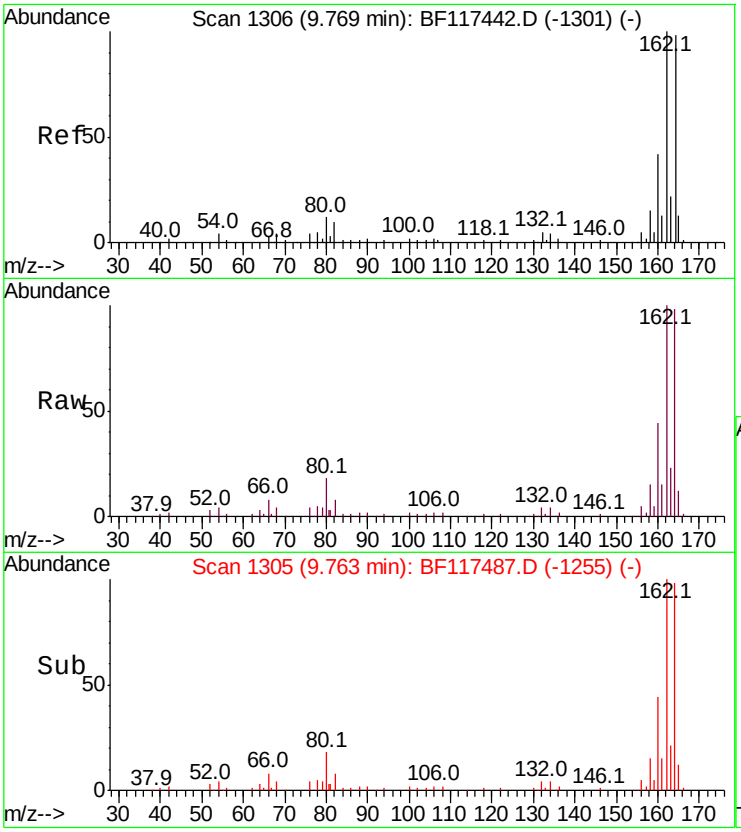


#25
Isophorone
Concen: 38.411 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion: 82 Resp: 251249

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#



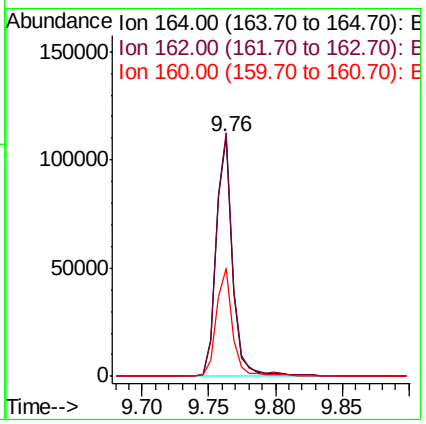


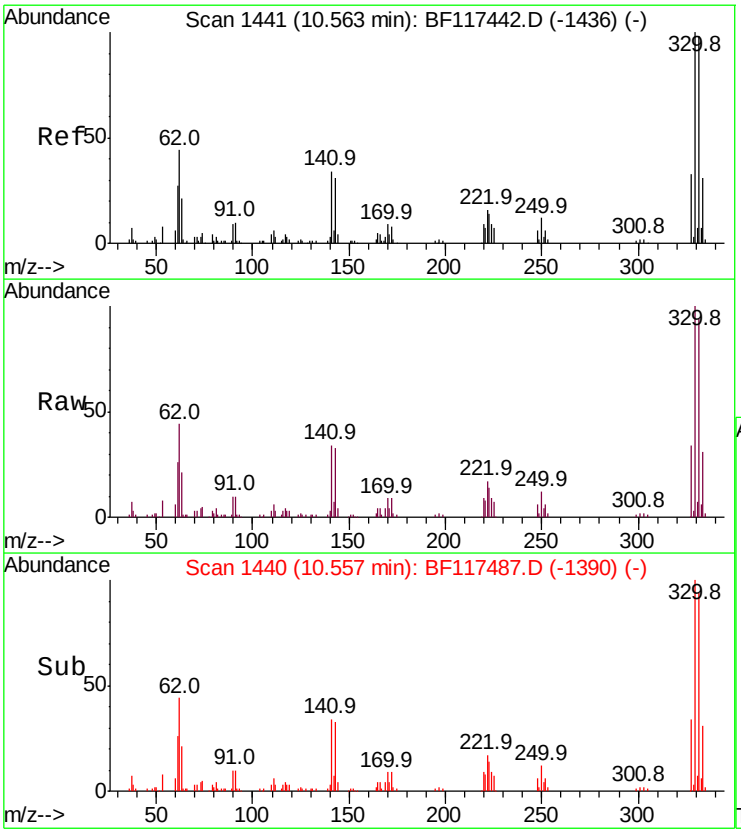
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 96442

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	44.9	34.4	51.6

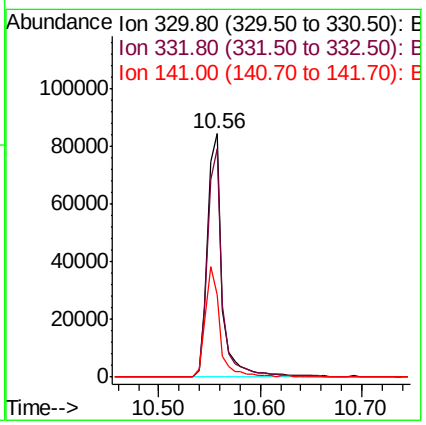


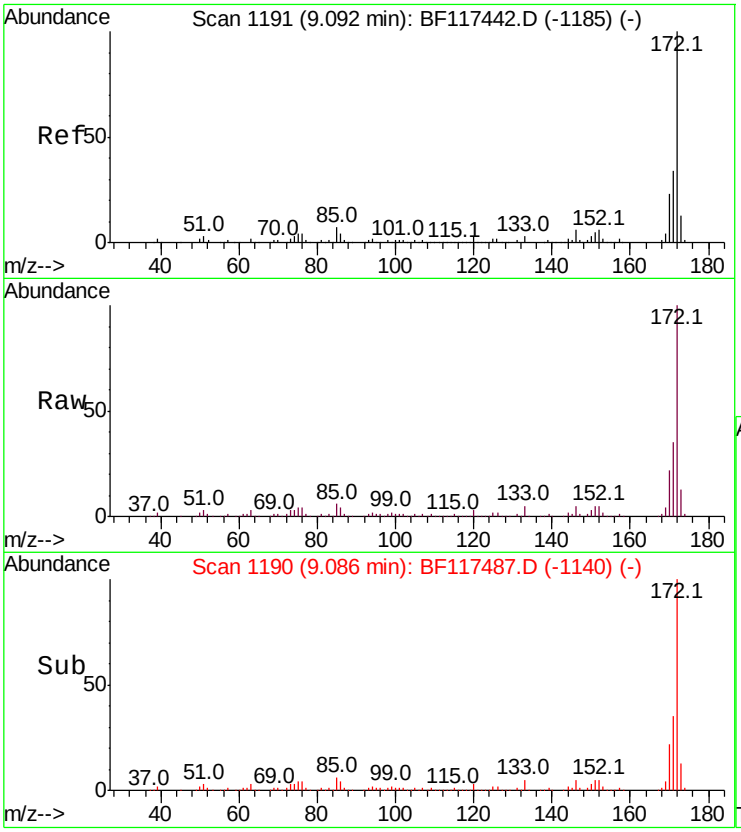


#42
2,4,6-Tribromophenol
Concen: 101.794 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion:330 Resp: 84944

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.5	117.7
141	44.1	37.0	55.6



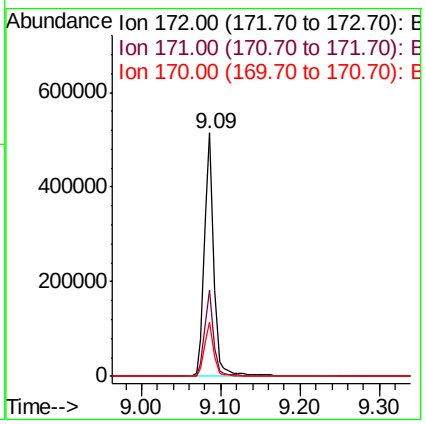


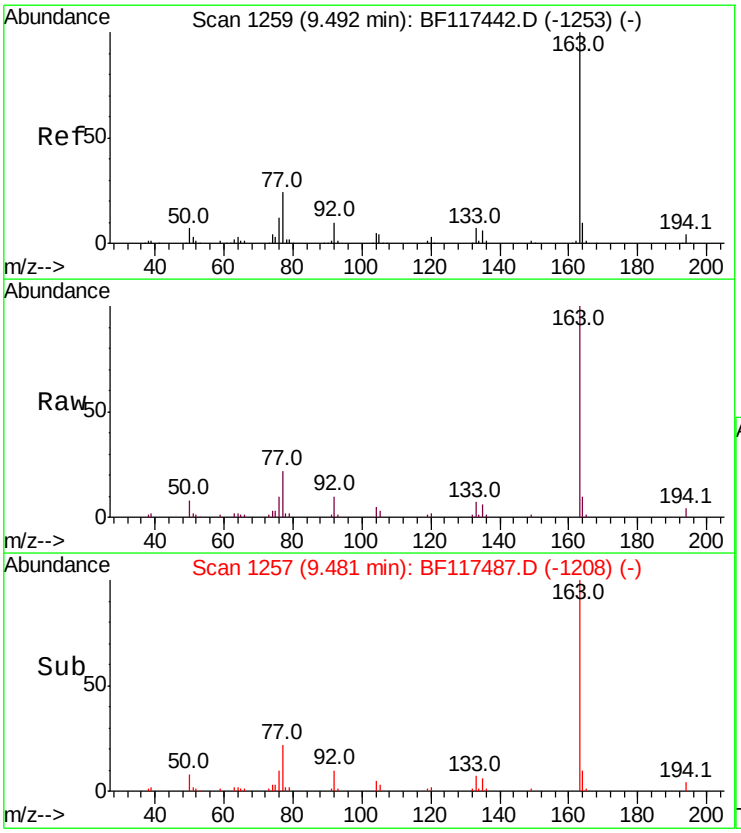
#45
2-Fluorobiphenyl
Concen: 63.986 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 437966

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.5	41.3
170	22.3	18.6	27.8

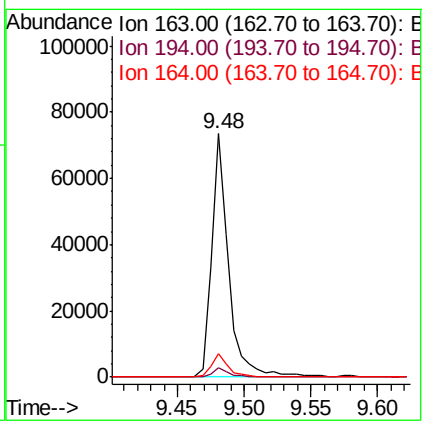


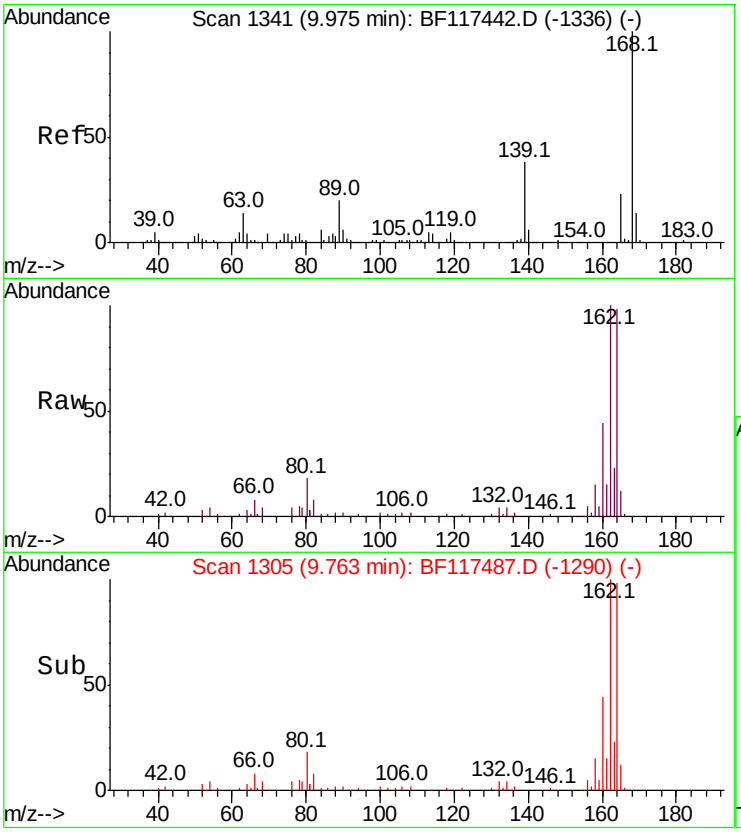


#50
Dimethylphthalate
Concen: 9.574 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion:163 Resp: 65824

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.9	8.2	12.2



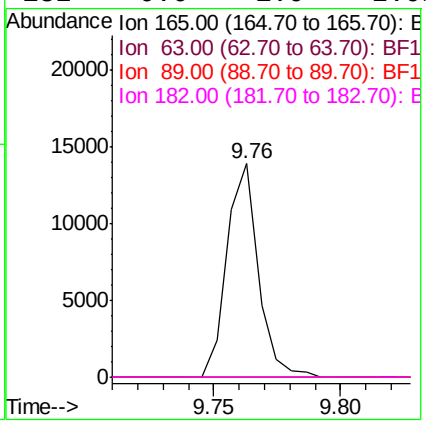


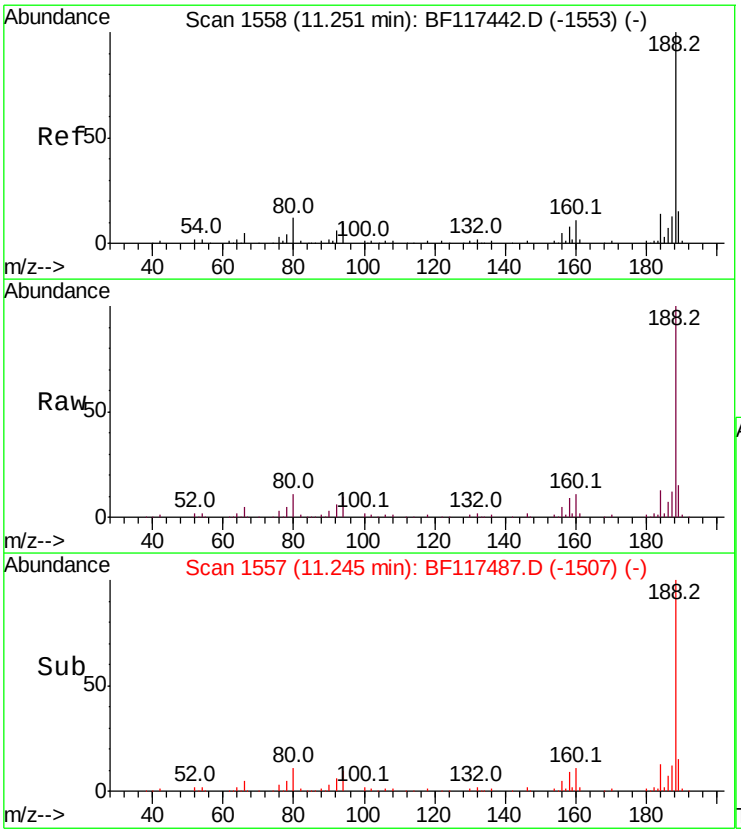
#57
2,4-Dinitrotoluene
Concen: 6.270 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11960

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#

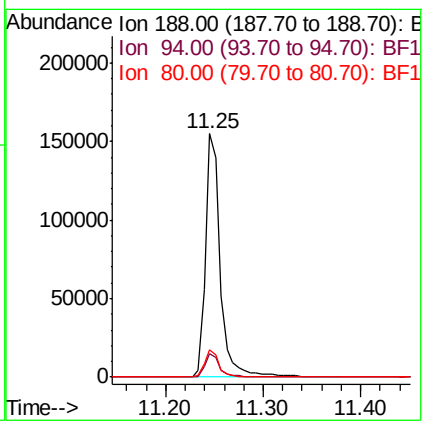


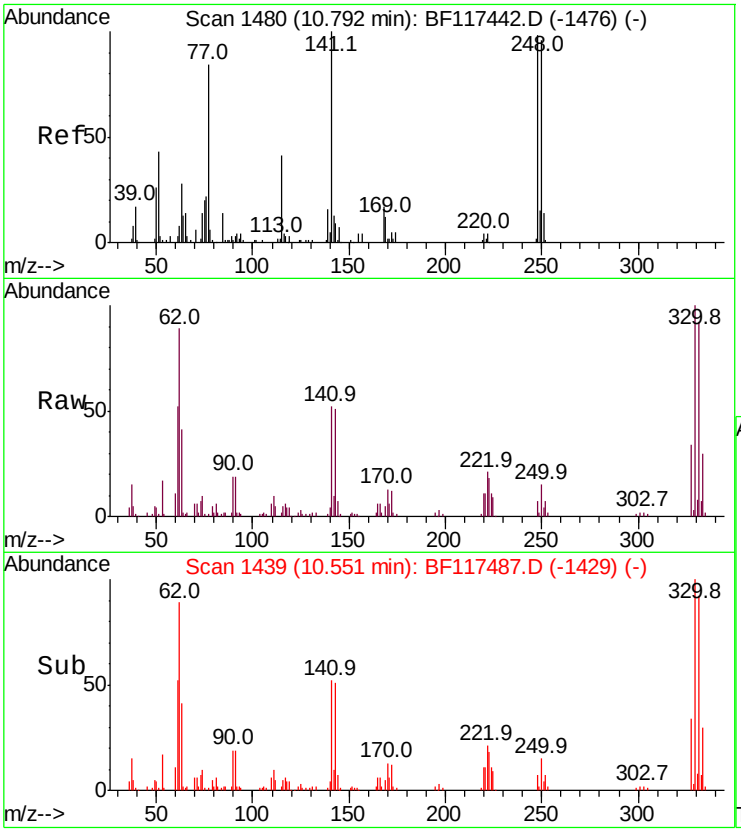


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion:188 Resp: 162632

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	11.4	9.5	14.3



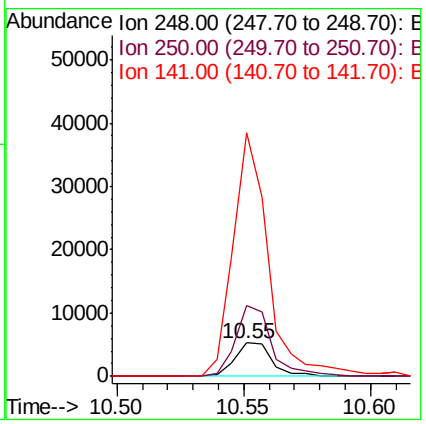


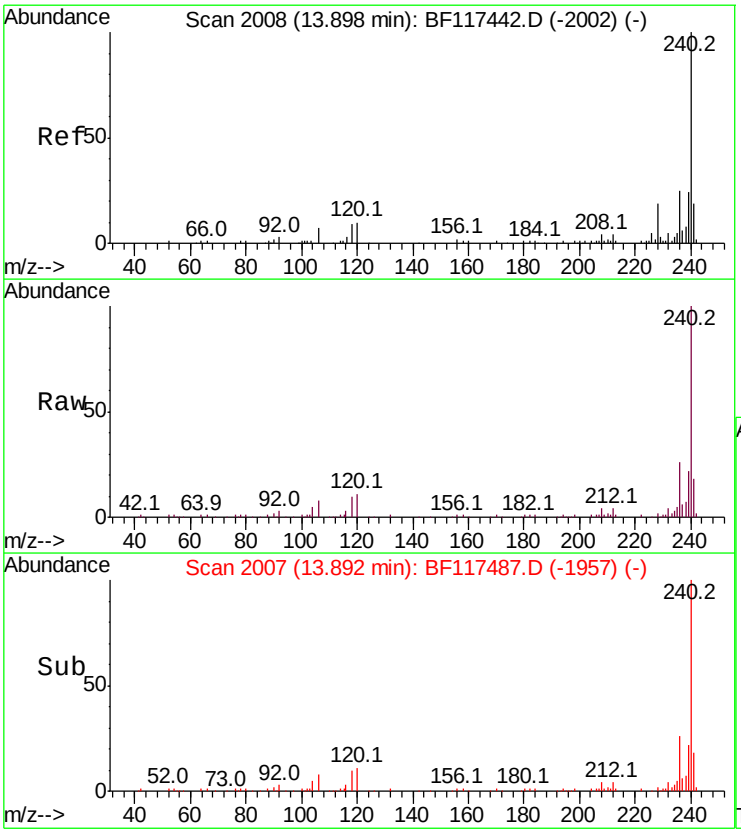
#67
4-Bromophenyl-phenylether
Concen: 3.050 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5342

Ion	Ratio	Lower	Upper
248	100		
250	210.7	78.0	117.0#
141	728.6	81.7	122.5#

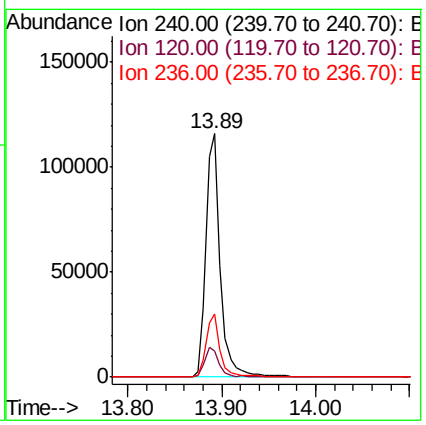


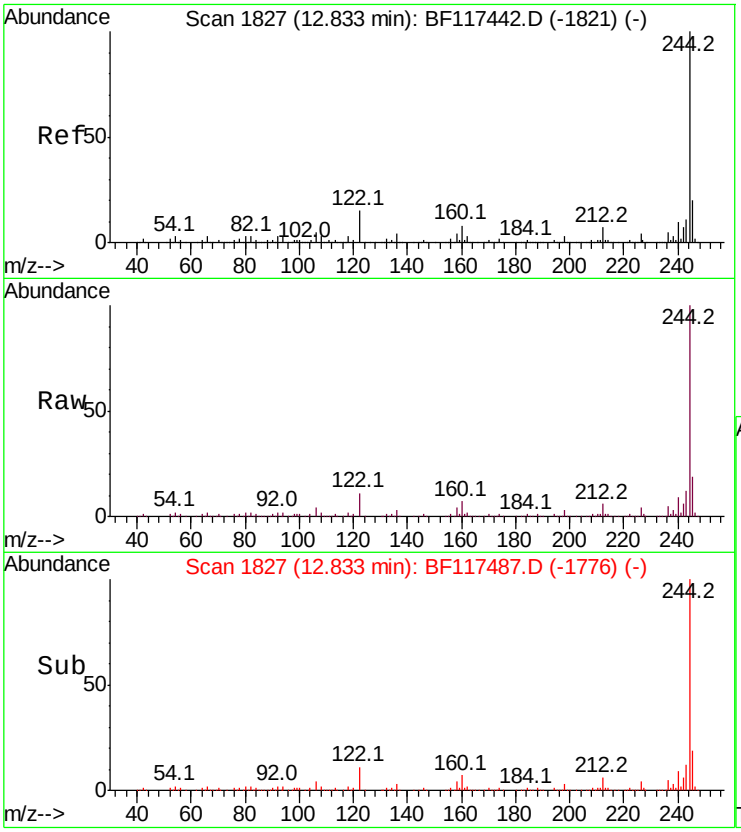


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion:240 Resp: 124819

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	25.7	20.0	30.0



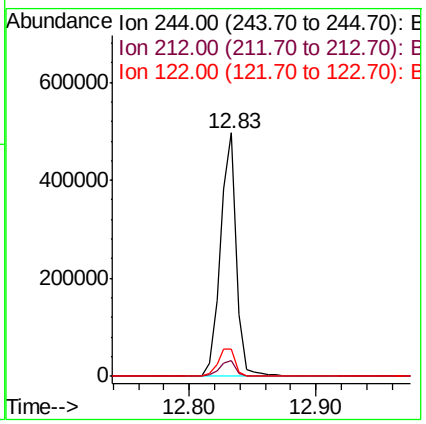


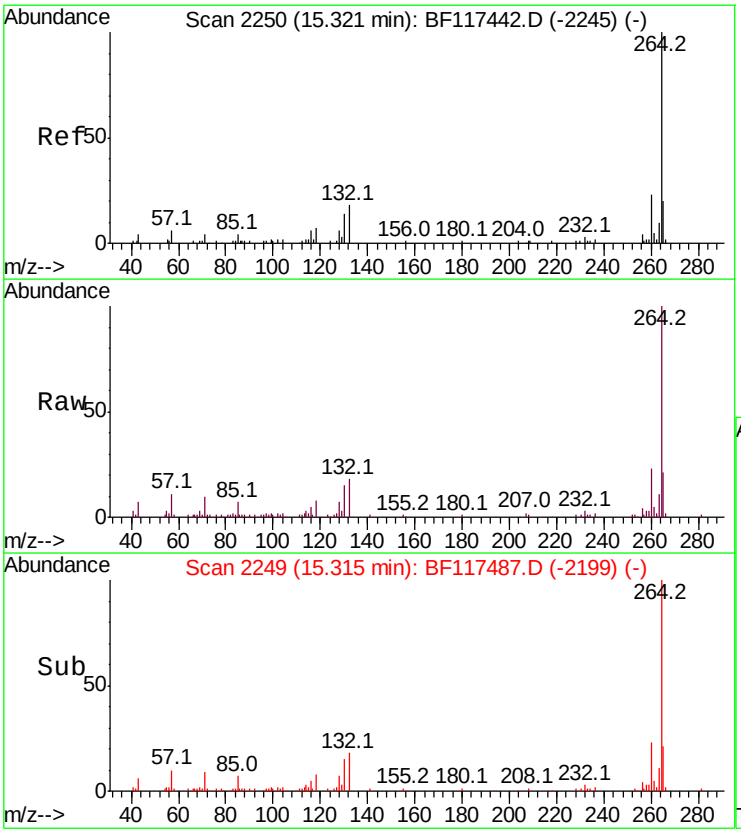
#79
Terphenyl-d14
Concen: 56.767 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 434405

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	11.4	11.8	17.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion:264 Resp: 103139

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	20.6	16.1	24.1