Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117170.D
Acq On : 19 Sep 2019 2:41
Operator : HP/JU
Sample : K4938-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 05:19:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	33636	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	270986	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	138339	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	219425	20.00	ng	0.00
76) Chrysene-d12	13.97	240	151619	20.00	ng	0.00
87) Perylene-d12	15.42	264	143580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	34715	16.11	ng	0.00
7) Phenol-d6	6.46	99	53886	19.35	ng	0.00
23) Nitrobenzene-d5	7.39	82	33749	6.54	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	19171	16.58	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	115431	13.05	ng	0.00
79) Terphenyl-d14	12.91	244	102403	12.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	1070	Below Cal	#	56
19) n-Nitroso-di-n-propylamine	7.39	70	3666	2.162	ng	# 81
25) Isophorone	7.39	82	33749	3.696	ng	# 66
51) 2,6-Dinitrotoluene	9.85	165	17146	8.595	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	17146	6.621	ng	# 18

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

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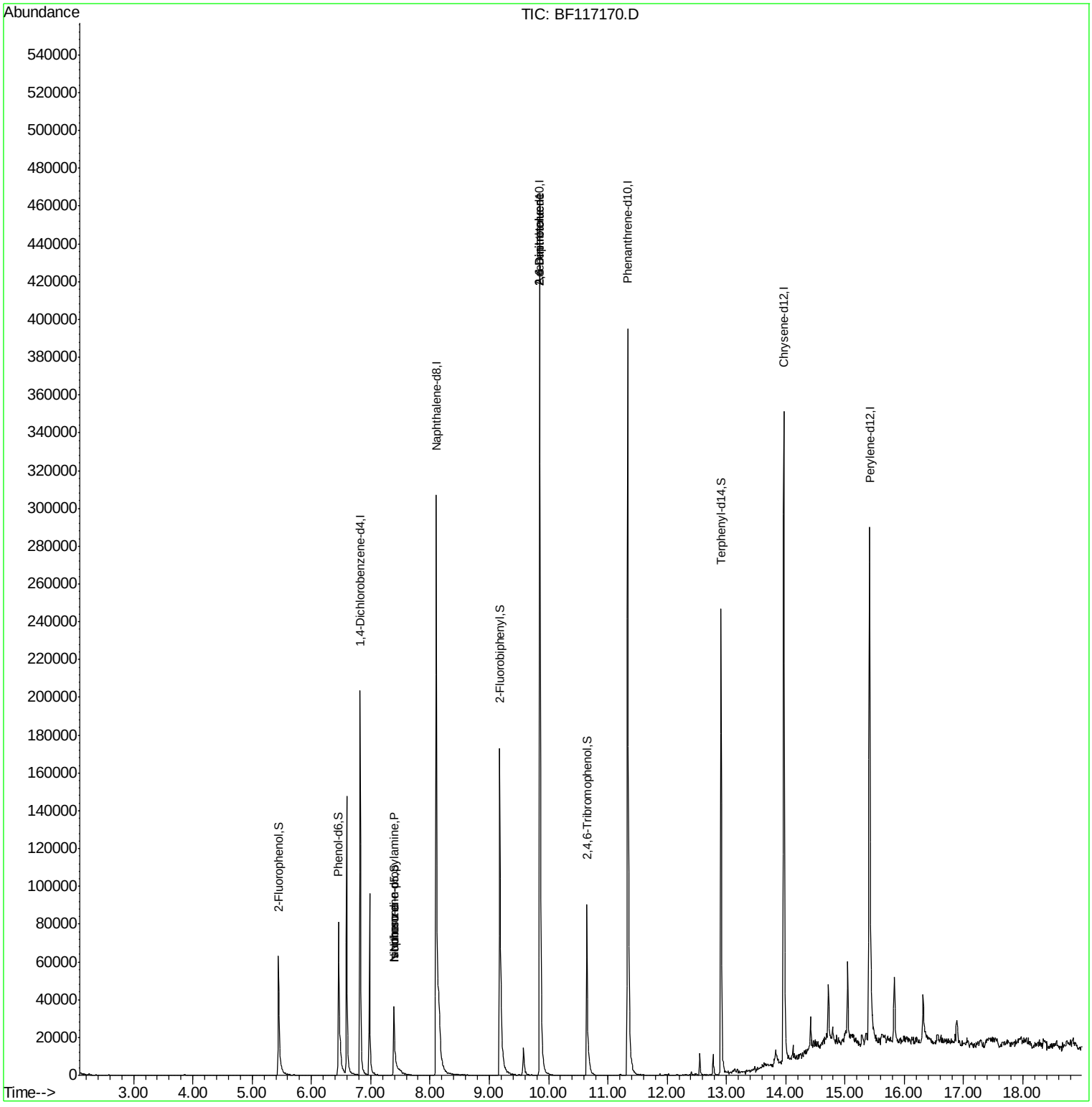
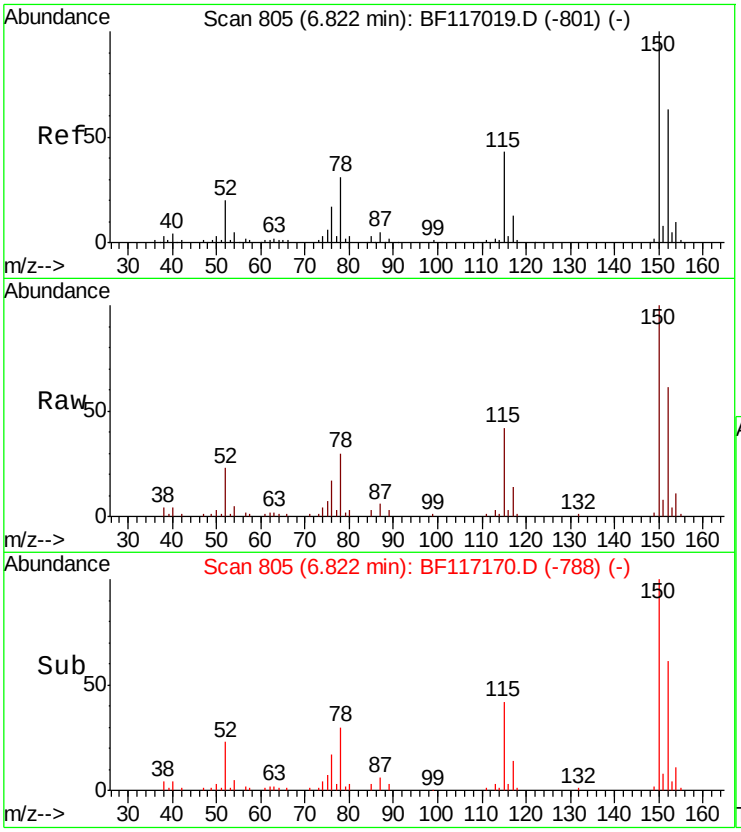


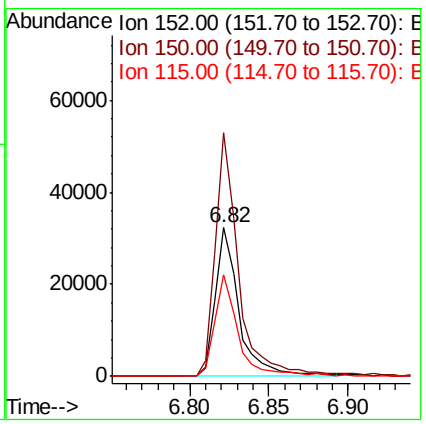


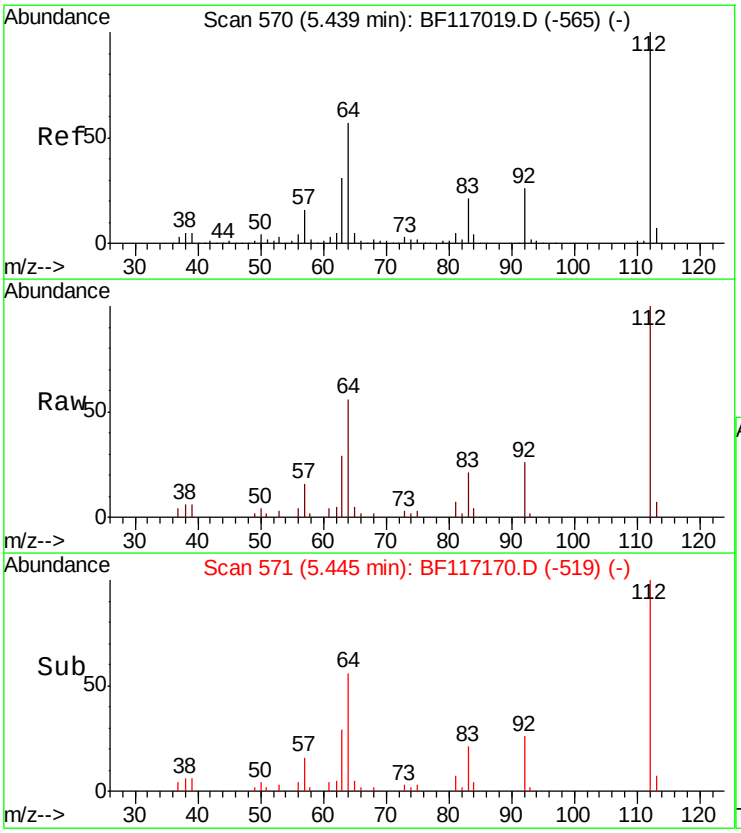
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 33636

Ion	Ratio	Lower	Upper
152	100		
150	164.0	127.5	191.3
115	68.5	55.0	82.4

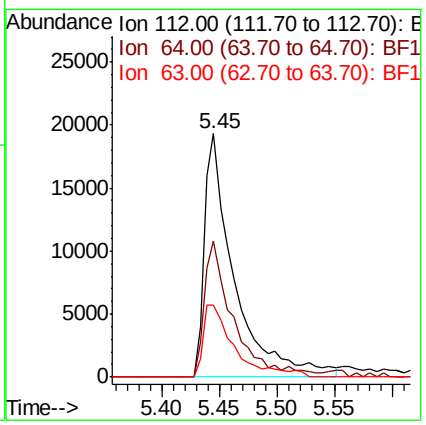


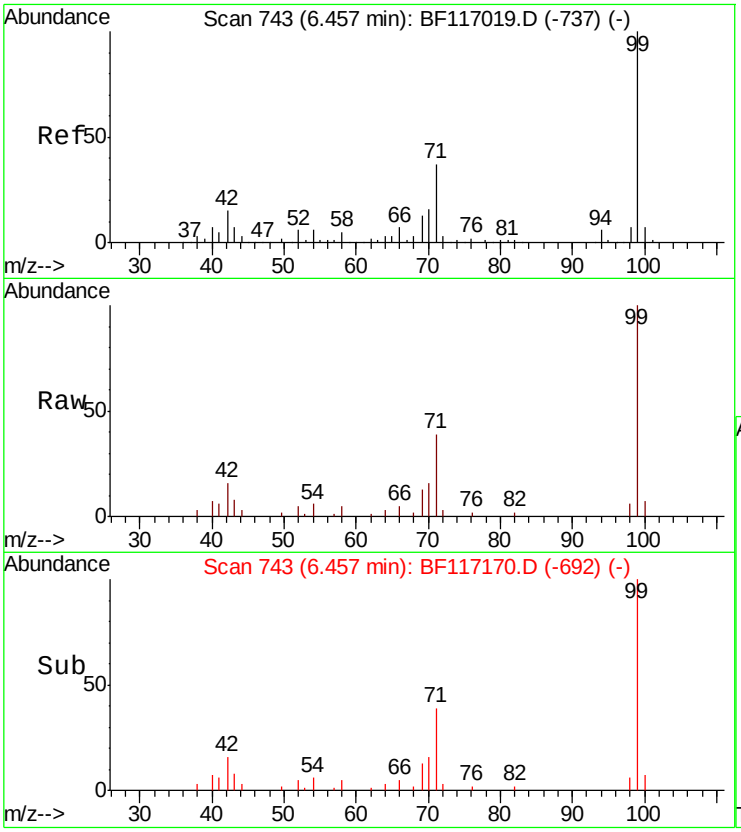


#5
2-Fluorophenol
Concen: 16.113 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Tgt Ion:112 Resp: 34715

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.7	68.5
63	29.4	24.9	37.3



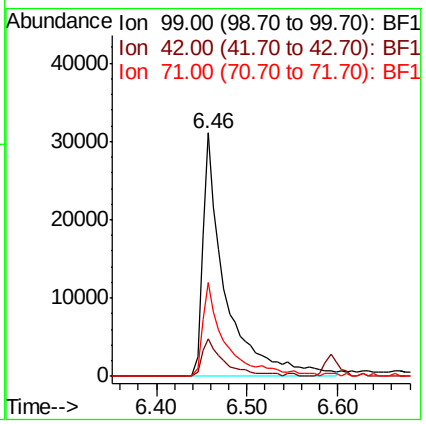


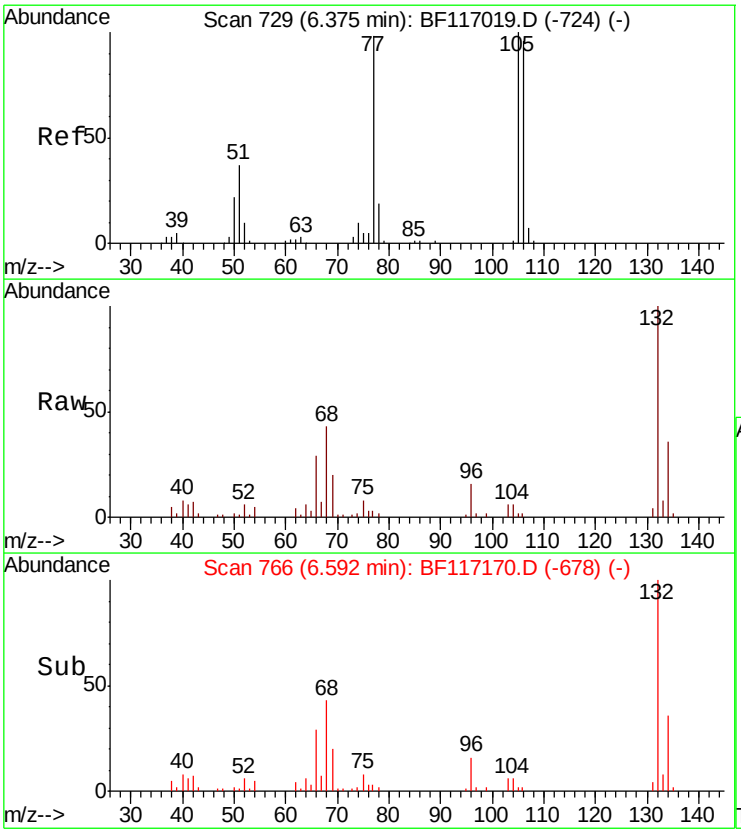
#7
Phenol-d6
Concen: 19.354 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 53886

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	38.8	29.8	44.8

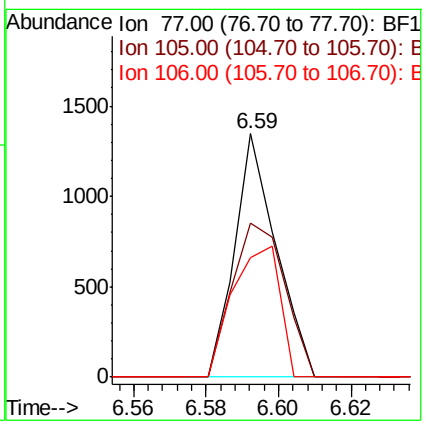


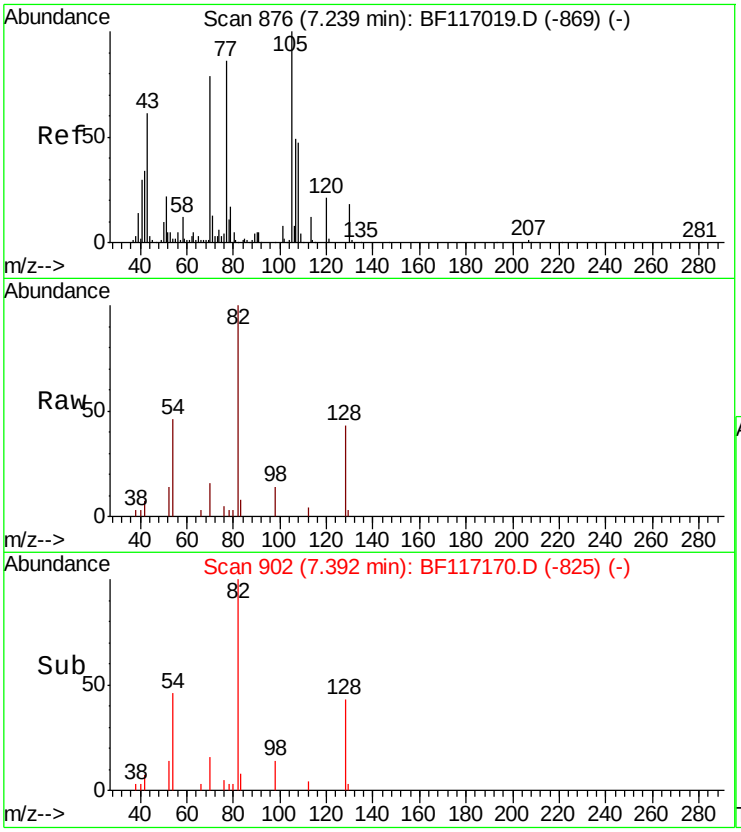


#9
Benzaldehyde
Concen: Below Cal
RT: 6.59 min Scan# 766
Delta R.T. 0.22 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Tgt Ion: 77 Resp: 1070

Ion	Ratio	Lower	Upper
77	100		
105	63.0	81.8	121.8#
106	49.1	77.3	117.3#



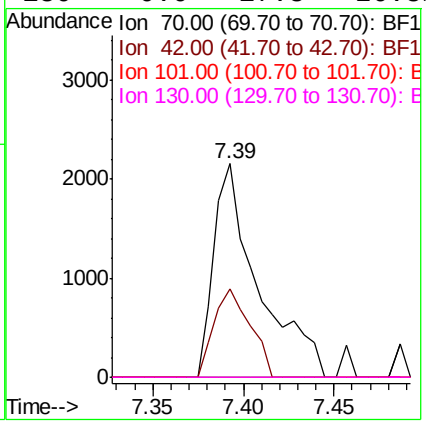


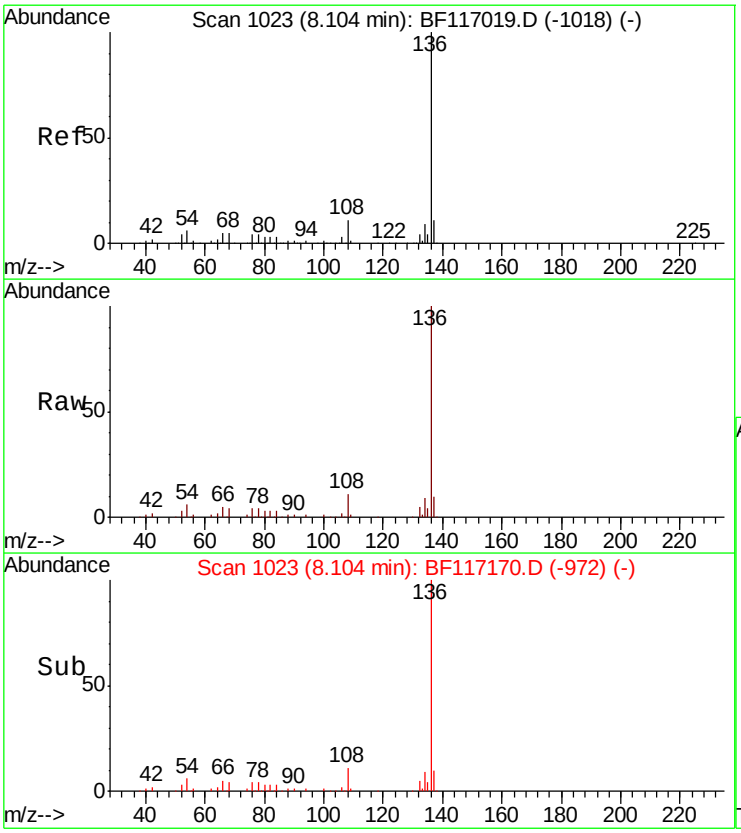
#19
n-Nitroso-di-n-propylamine
Concen: 2.162 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 3666

Ion	Ratio	Lower	Upper
70	100		
42	41.2	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#

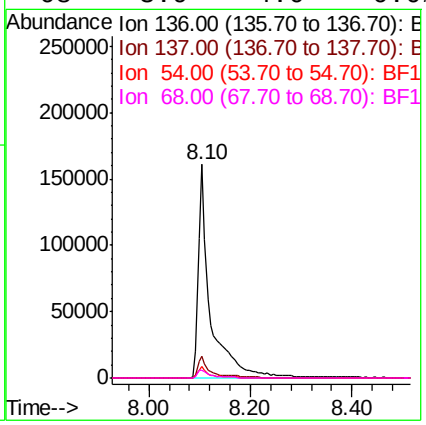


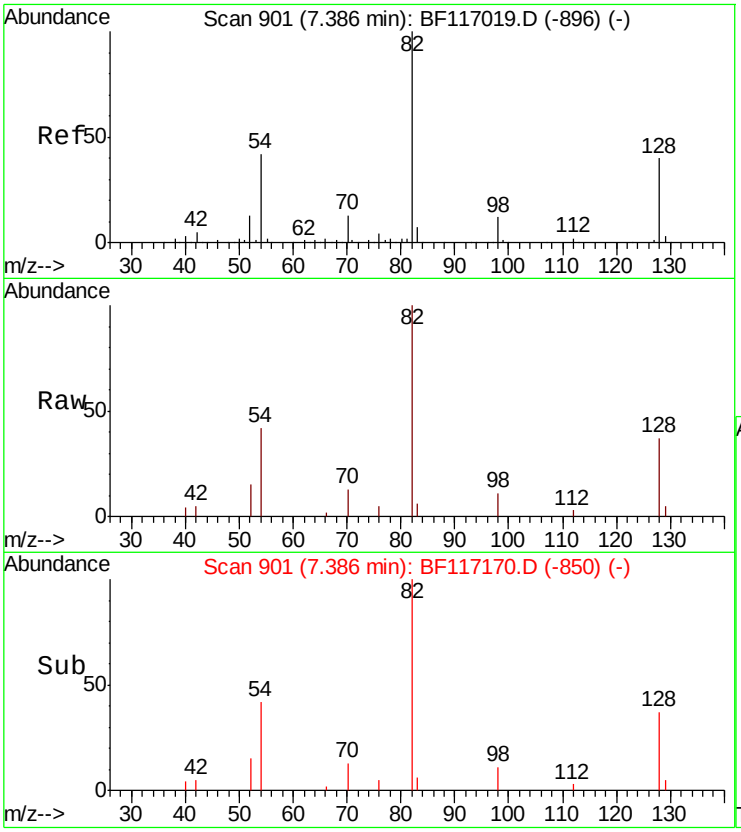


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Tgt Ion:136 Resp: 270986

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.6	4.5	6.7
68	3.9	4.0	6.0#



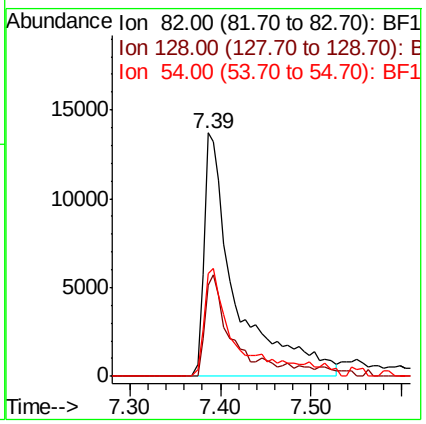


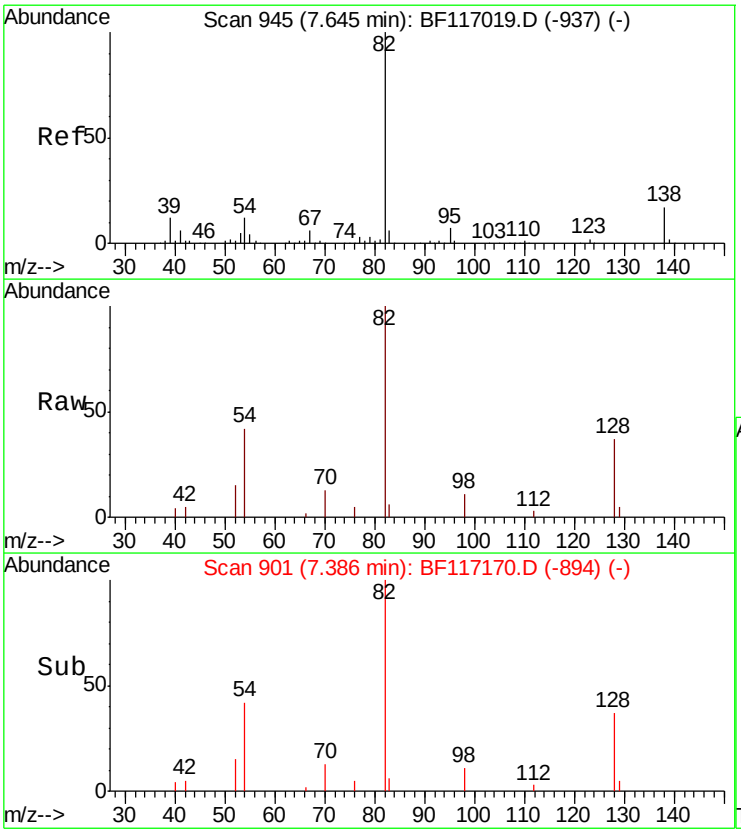
#23
Nitrobenzene-d5
Concen: 6.544 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 33749

Ion	Ratio	Lower	Upper
82	100		
128	37.4	32.3	48.5
54	42.4	33.3	49.9

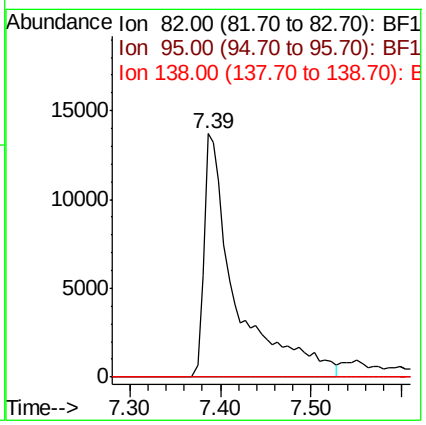


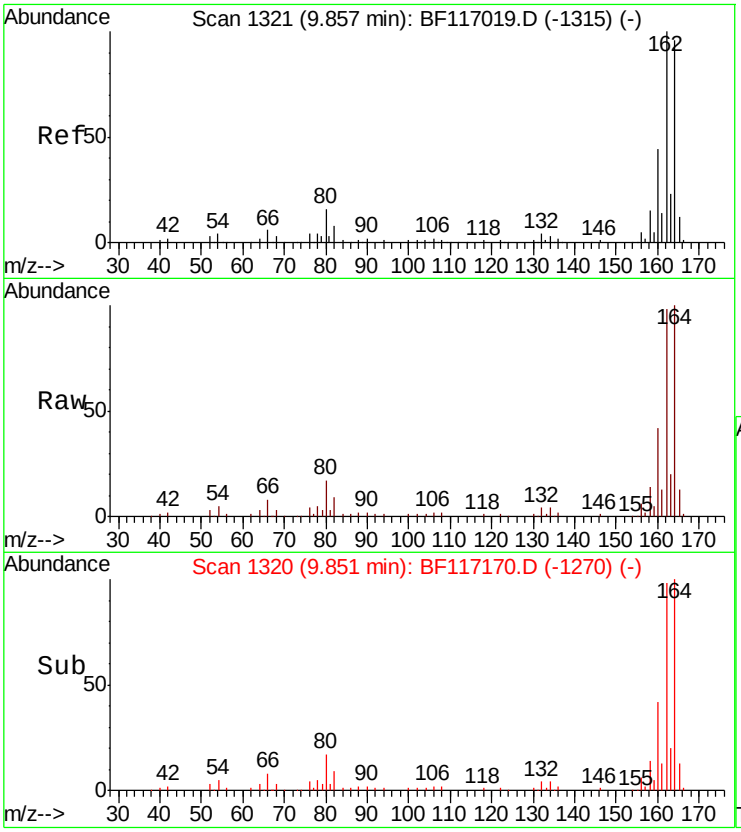


#25
Isophorone
Concen: 3.696 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Tgt Ion: 82 Resp: 33749

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



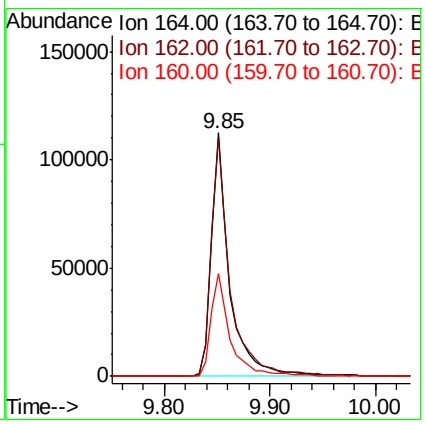


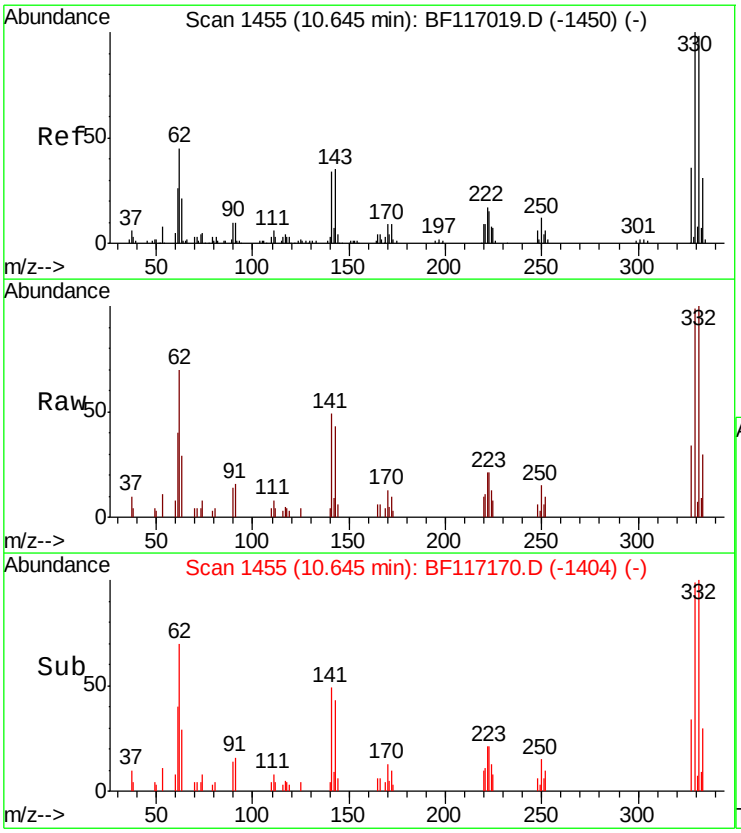
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 138339

Ion	Ratio	Lower	Upper
164	100		
162	98.0	83.4	125.2
160	42.5	36.4	54.6

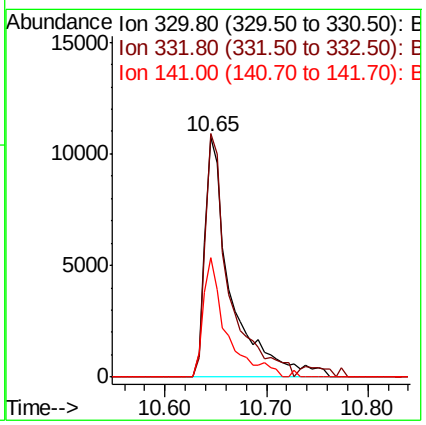


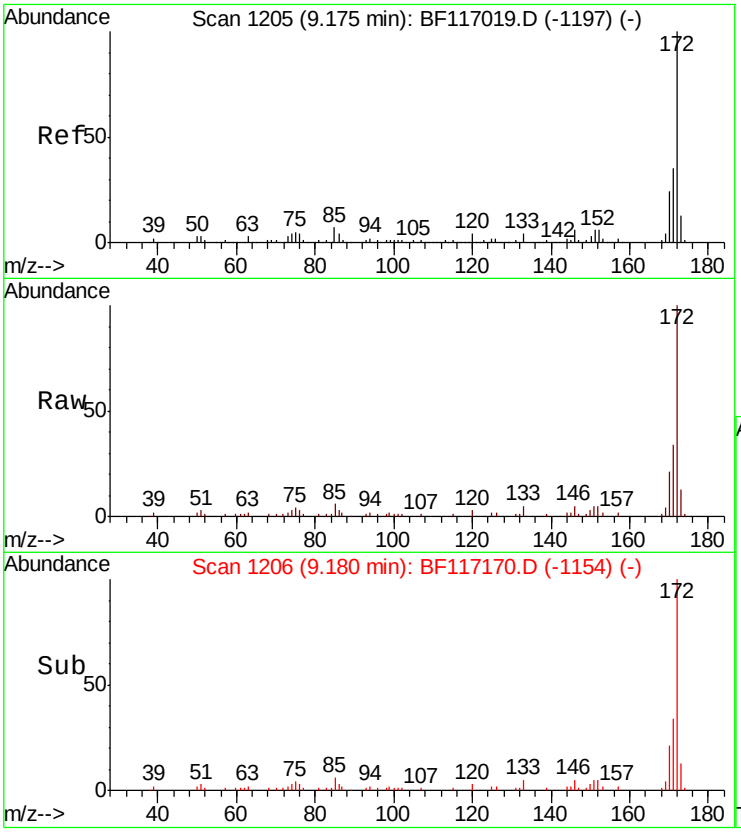


#42
2,4,6-Tribromophenol
Concen: 16.581 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Tgt Ion:330 Resp: 19171

Ion	Ratio	Lower	Upper
330	100		
332	92.6	78.0	117.0
141	43.5	35.8	53.6



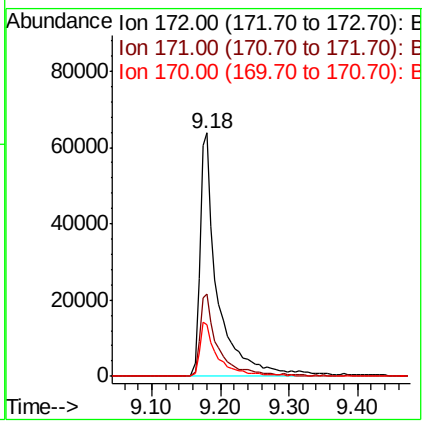


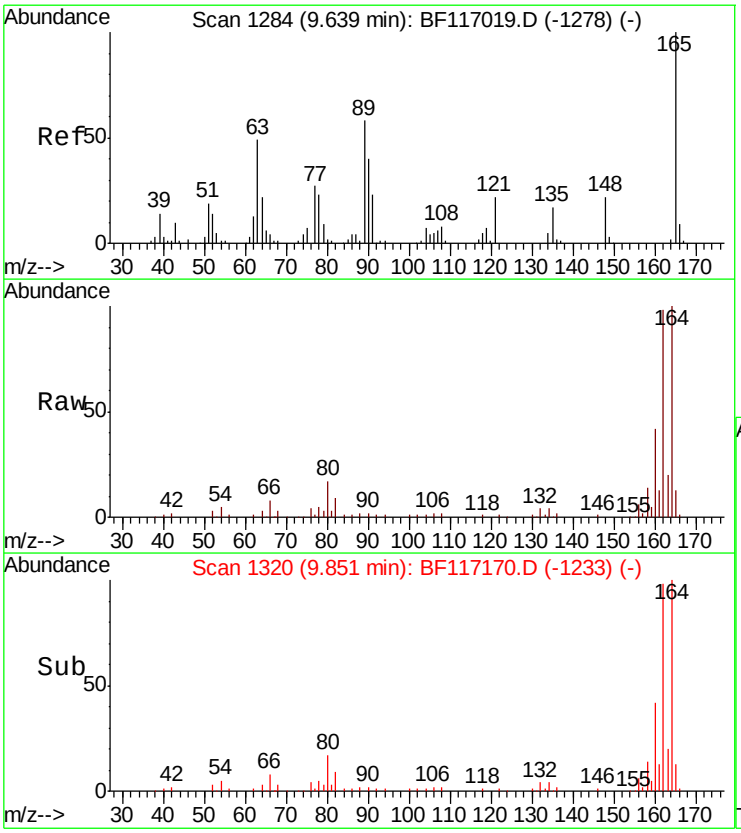
#45
2-Fluorobiphenyl
Concen: 13.047 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 115431

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.2	42.2
170	21.3	18.9	28.3

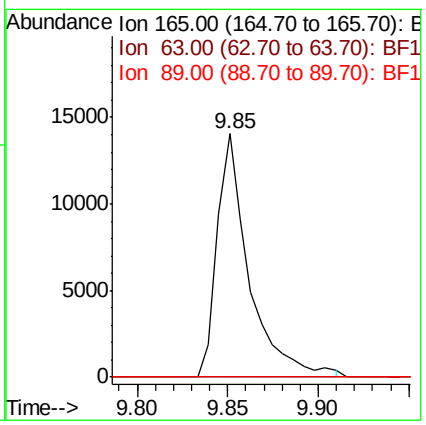


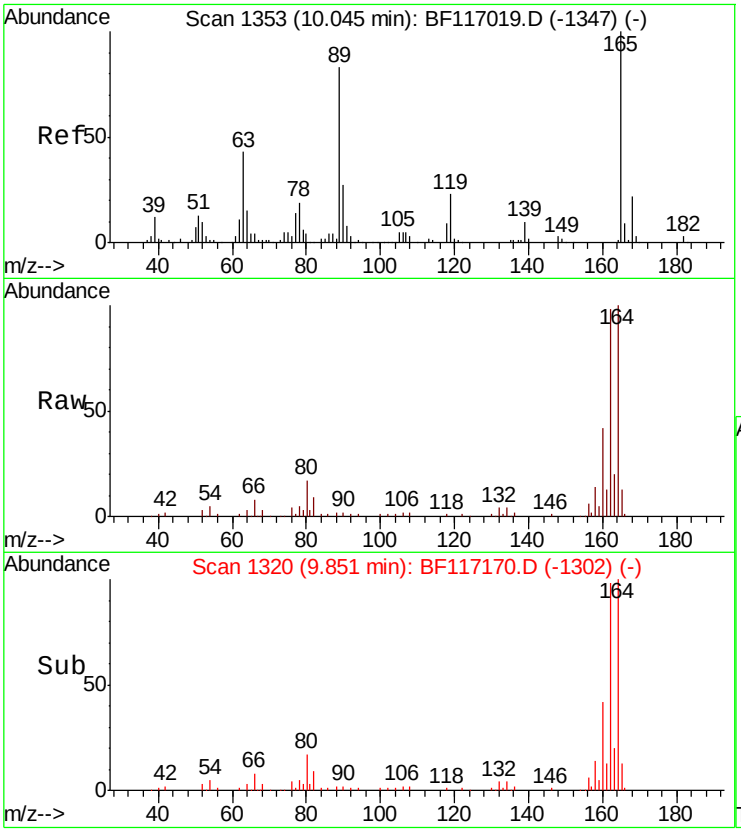


#51
2,6-Dinitrotoluene
Concen: 8.595 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Tgt Ion:165 Resp: 17146

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



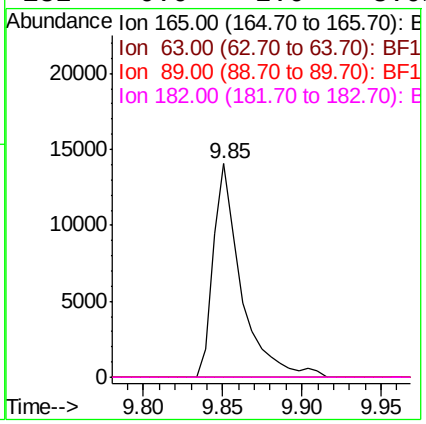


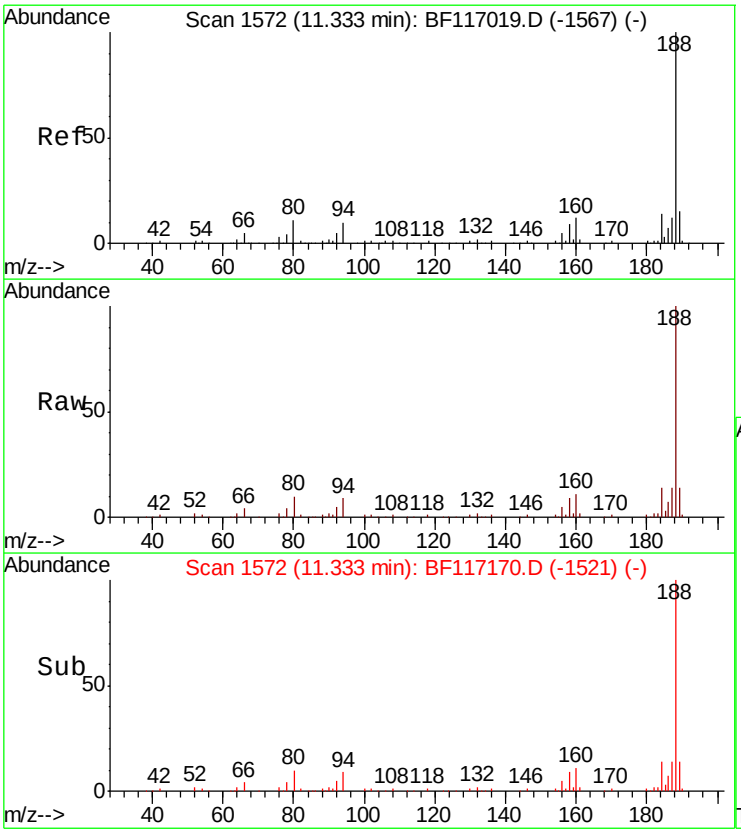
#57
2,4-Dinitrotoluene
Concen: 6.621 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17146

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

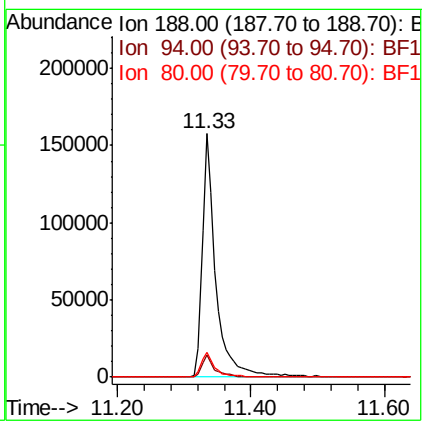


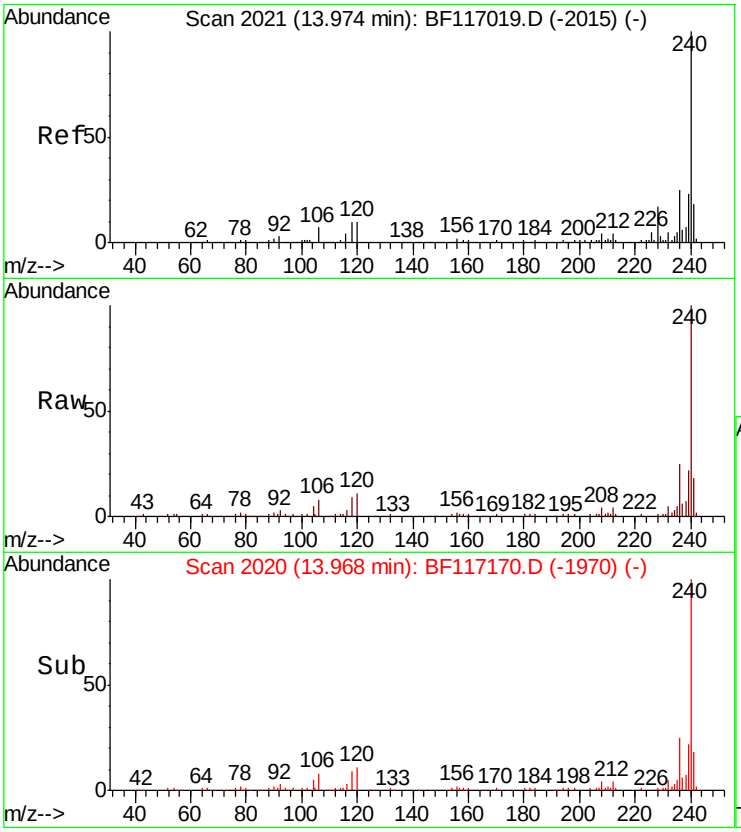


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Tgt Ion:188 Resp: 219425

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	10.2	9.0	13.6



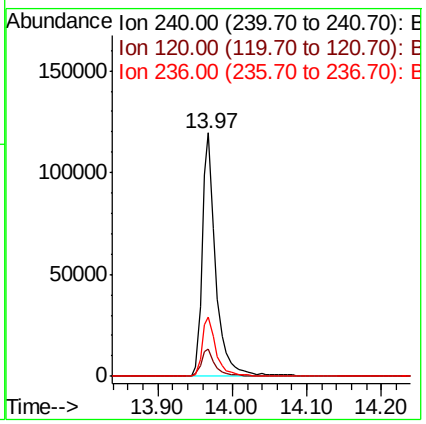


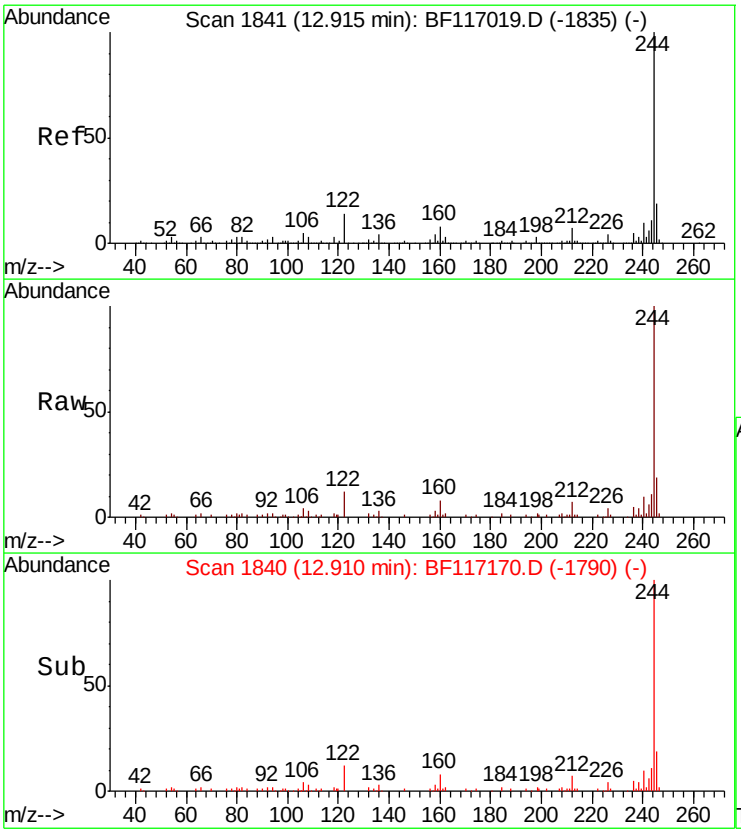
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 151619

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	24.6	20.3	30.5

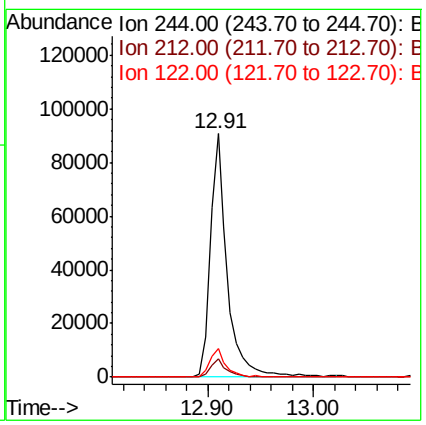


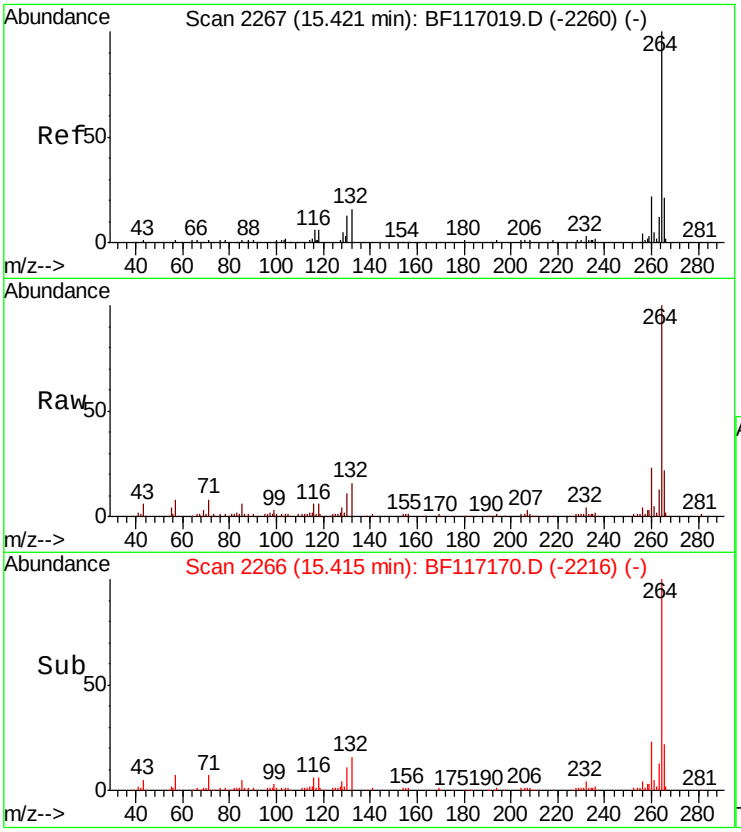


#79
Terphenyl-d14
Concen: 12.625 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Tgt Ion:244 Resp: 102403

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	11.8	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117170.D
Acq: 19 Sep 2019 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 143580

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	21.7	16.6	24.8