Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115499.D
Acq On : 11 Jul 2019 15:07
Operator : HP/JU
Sample : K3636-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 12 03:12:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147090	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	561167	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	286046	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	576967	20.00	ng	0.00
76) Chrysene-d12	14.05	240	419505	20.00	ng	-0.02
87) Perylene-d12	15.53	264	354820	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	465244	48.87	ng	0.00
7) Phenol-d6	6.51	99	391758	32.36	ng	-0.01
23) Nitrobenzene-d5	7.45	82	843199	88.78	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	324651	102.65	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1522343	93.39	ng	0.00
79) Terphenyl-d14	13.00	244	1809071	88.30	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	19368	Below Cal	#	79
19) n-Nitroso-di-n-propylamine	7.45	70	113165	13.815	ng	# 78
25) Isophorone	7.45	82	834169	40.519	ng	# 64
50) Dimethylphthalate	9.64	163	69966	3.259	ng	98
51) 2,6-Dinitrotoluene	9.93	165	36417	7.821	ng	# 28
57) 2,4-Dinitrotoluene	9.93	165	36417	6.154	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	705	8.031	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	20116	3.107	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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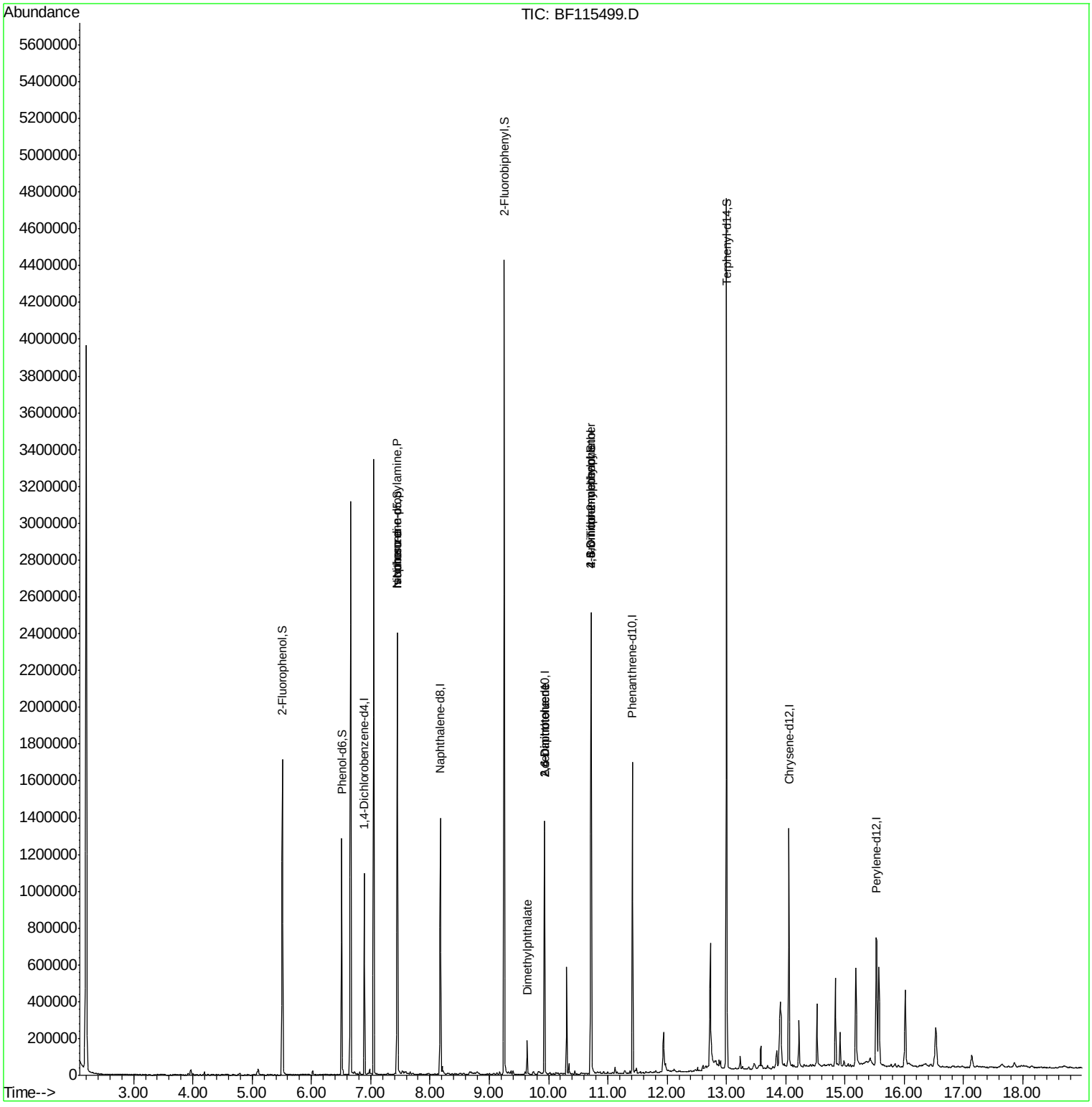
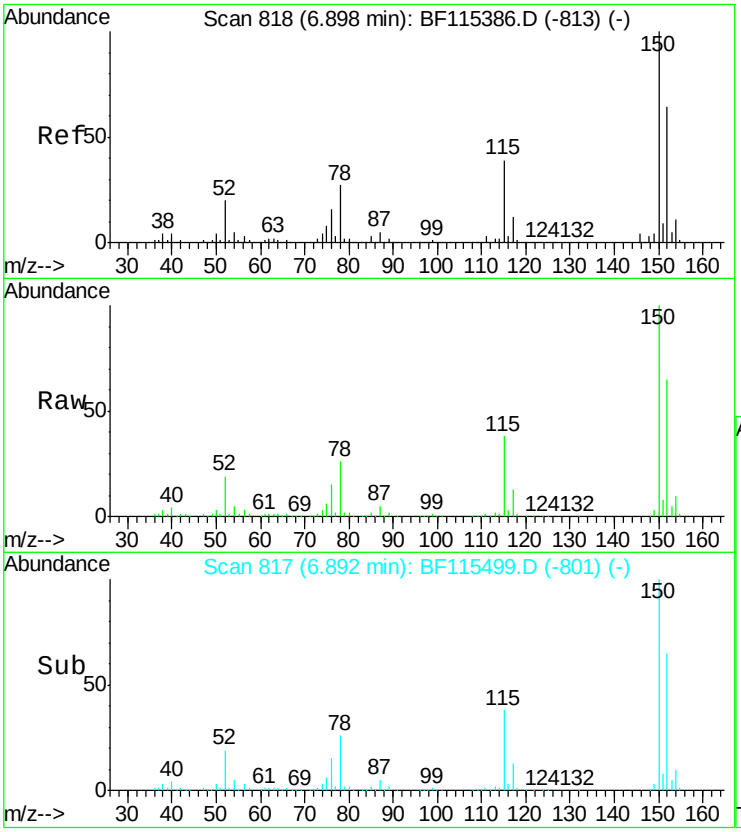
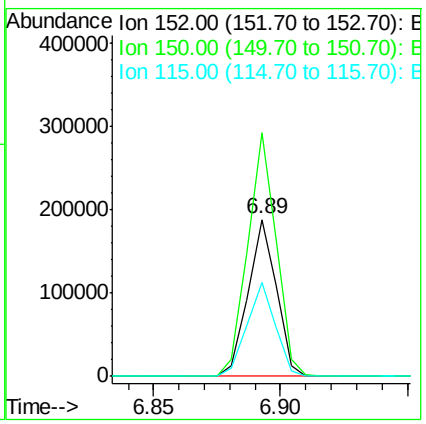




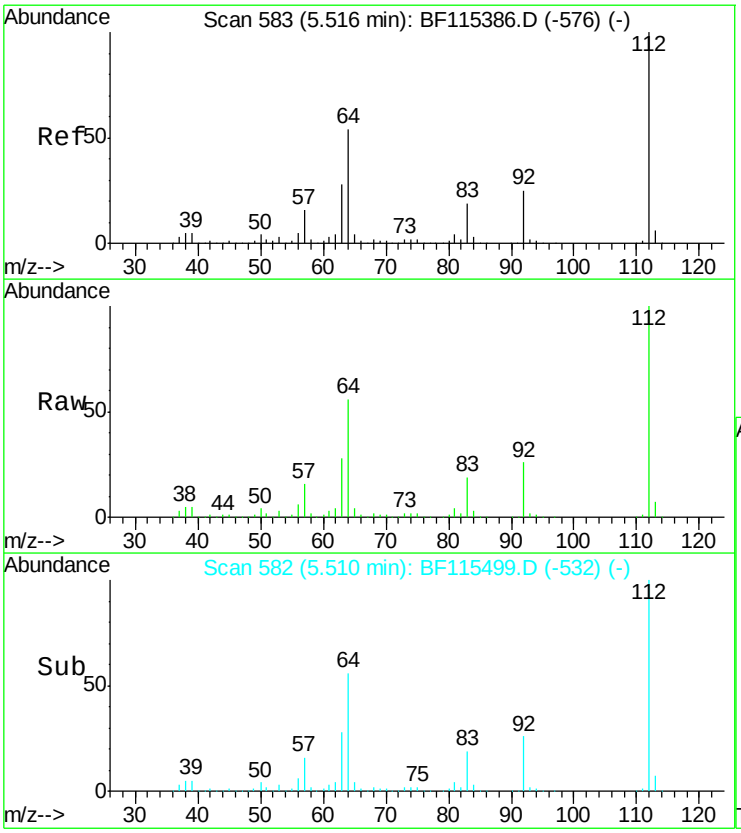
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:152 Resp: 147090

Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.4	191.2
115	59.6	46.2	69.4



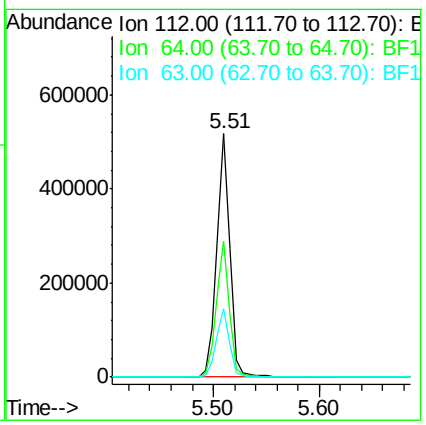
Instrument :
BNA_F
ClientSampleId :

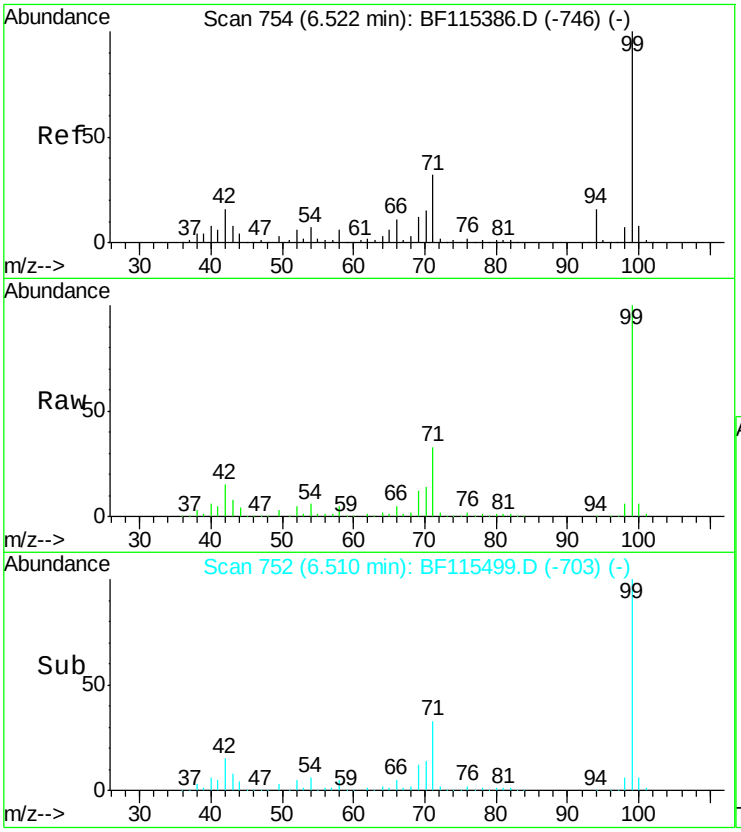


#5
2-Fluorophenol
Concen: 48.869 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:112 Resp: 465244

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.2	66.2
63	28.0	22.1	33.1



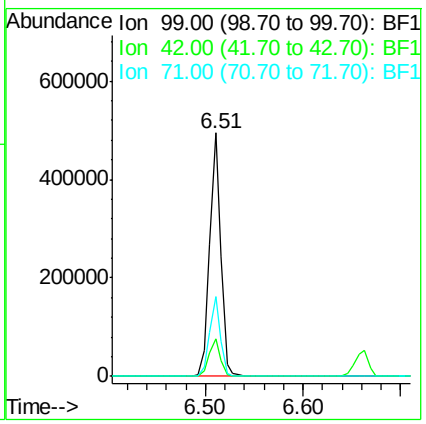


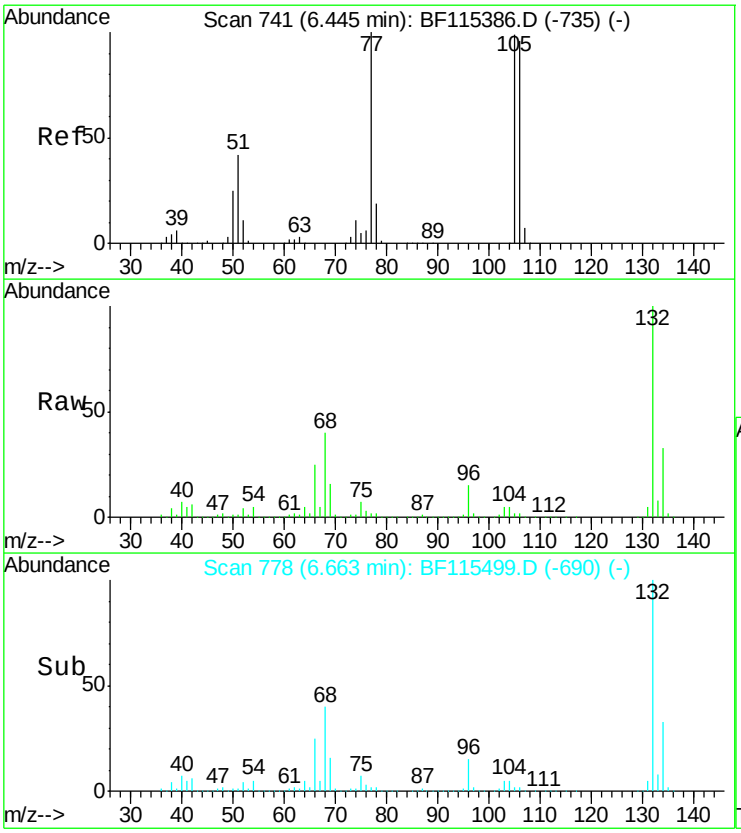
#7
Phenol-d6
Concen: 32.356 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 391758

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.8	19.2
71	32.6	26.5	39.7

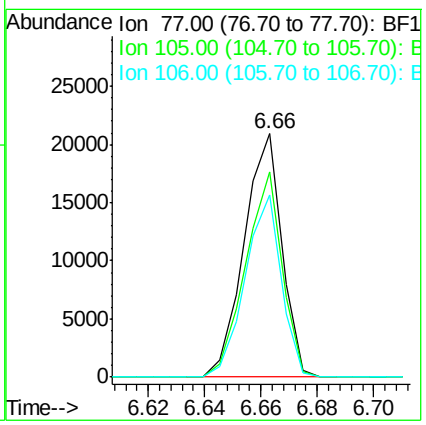


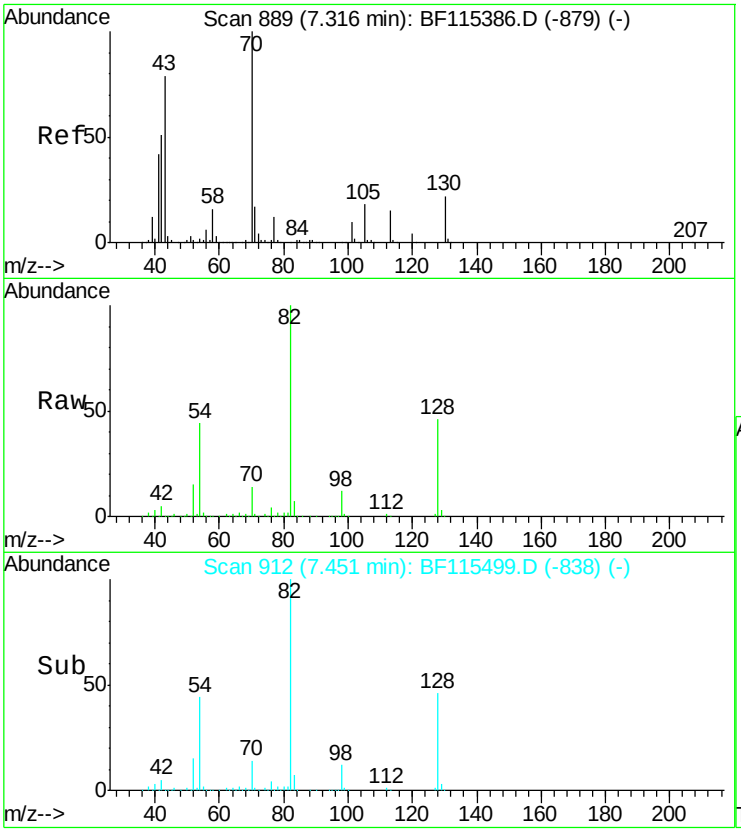


#9
Benzaldehyde
Concen: Below Cal
RT: 6.66 min Scan# 778
Delta R.T. 0.22 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion: 77 Resp: 19368

Ion	Ratio	Lower	Upper
77	100		
105	84.1	82.9	122.9
106	74.7	77.8	117.8#



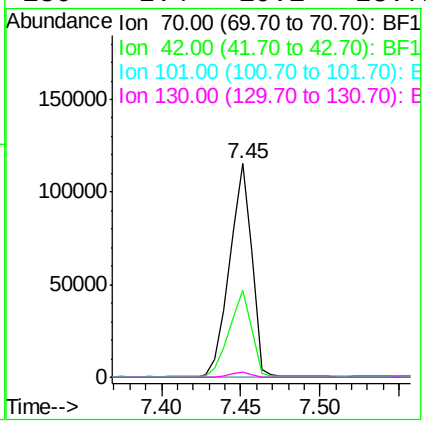


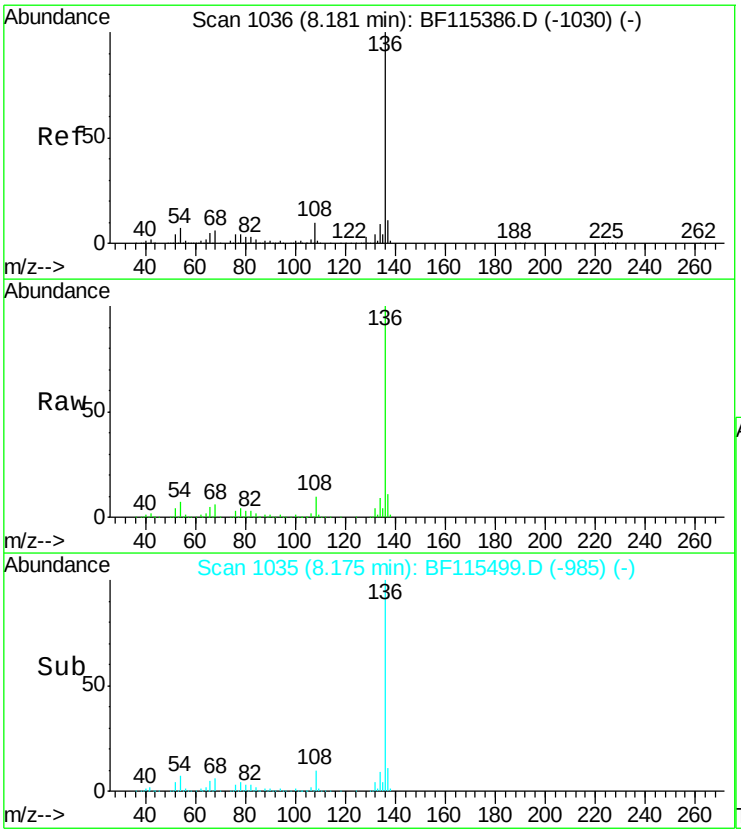
#19
n-Nitroso-di-n-propylamine
Concen: 13.815 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 113165

Ion	Ratio	Lower	Upper
70	100		
42	40.7	38.5	57.7
101	0.0	8.0	12.0#
130	2.4	19.1	28.7#

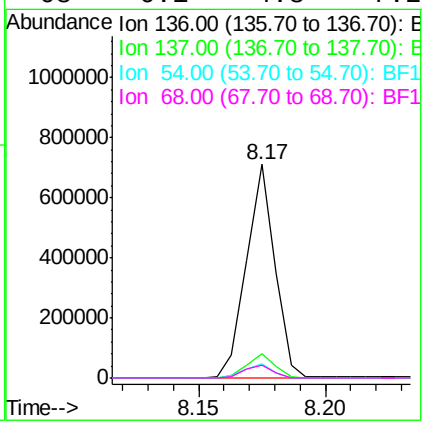


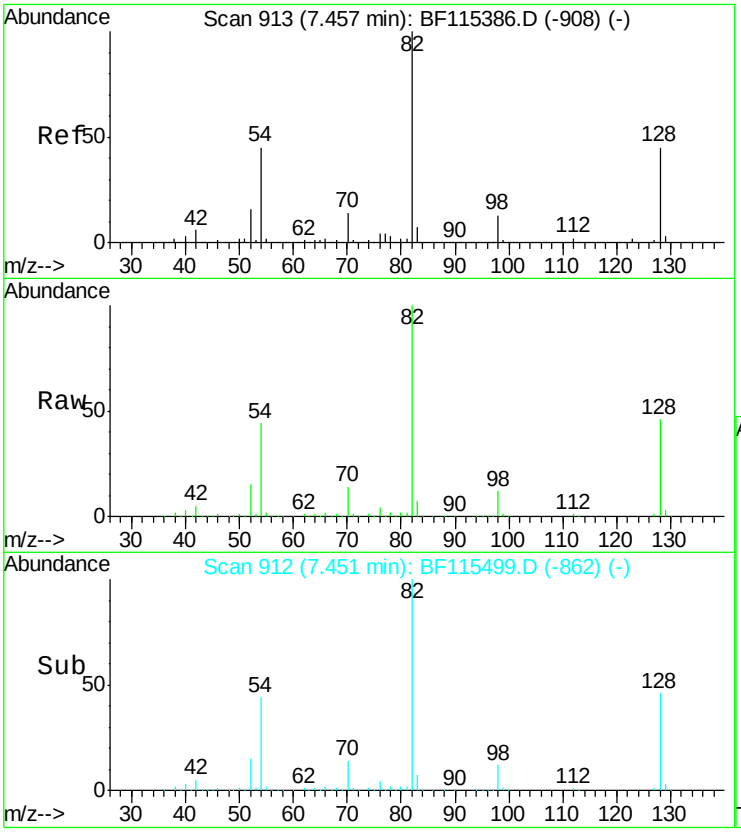


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:136 Resp: 561167

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.7	5.4	8.0
68	6.1	4.8	7.2



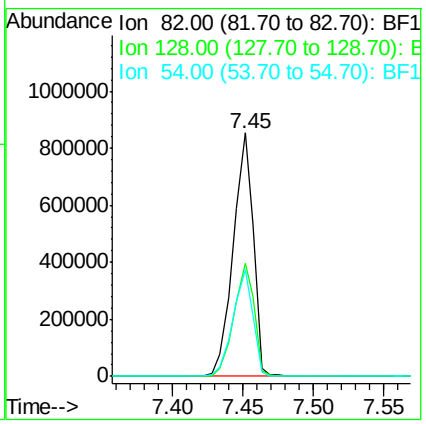


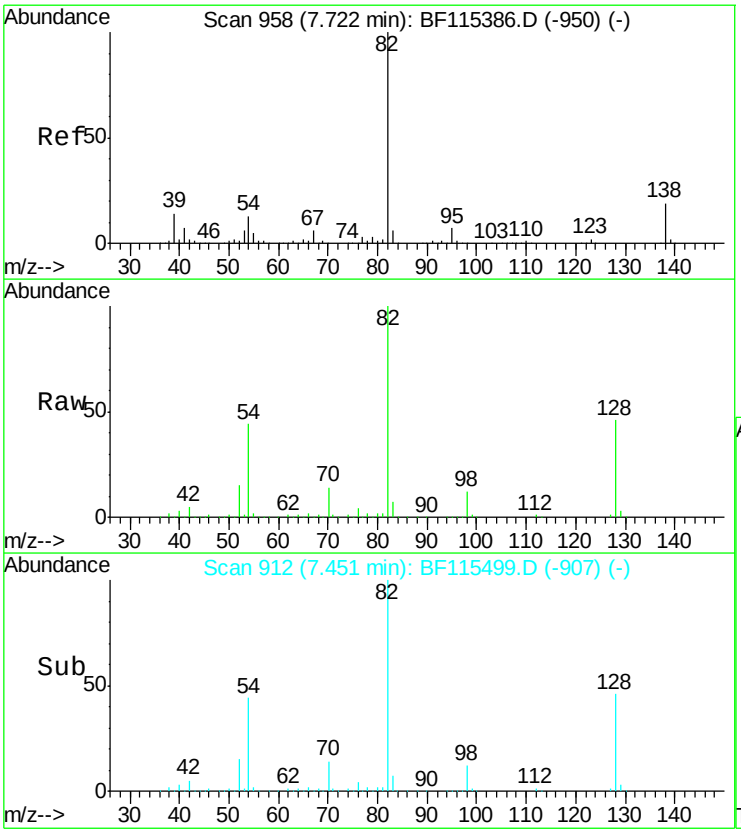
#23
Nitrobenzene-d5
Concen: 88.777 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 843199

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.7	55.1
54	43.9	35.6	53.4

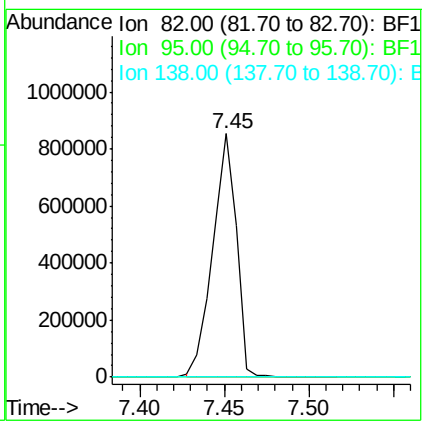


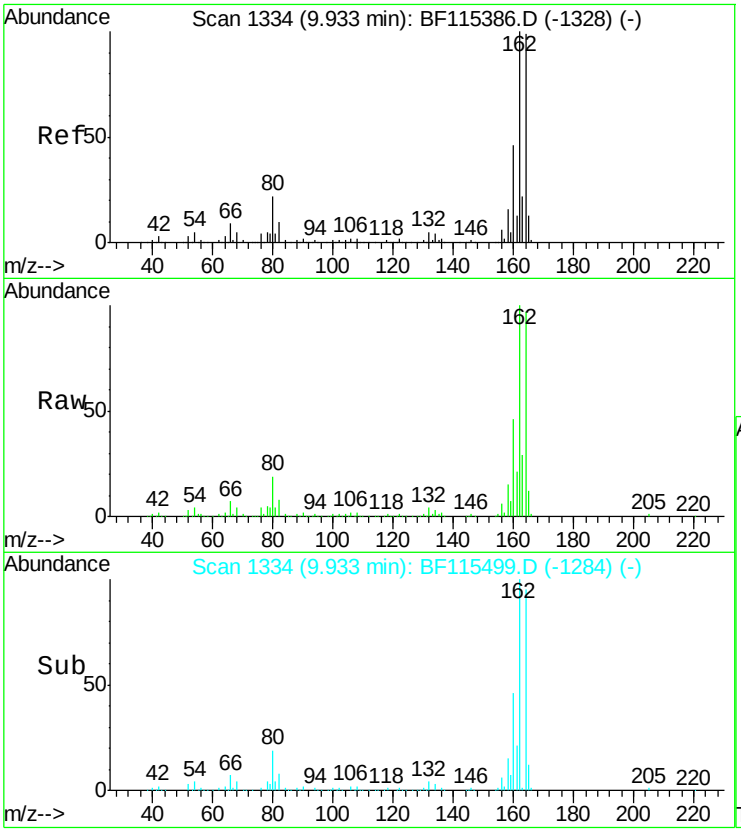


#25
Isophorone
Concen: 40.519 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion: 82 Resp: 834169

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



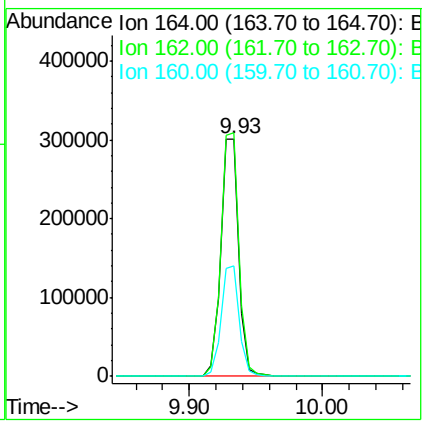


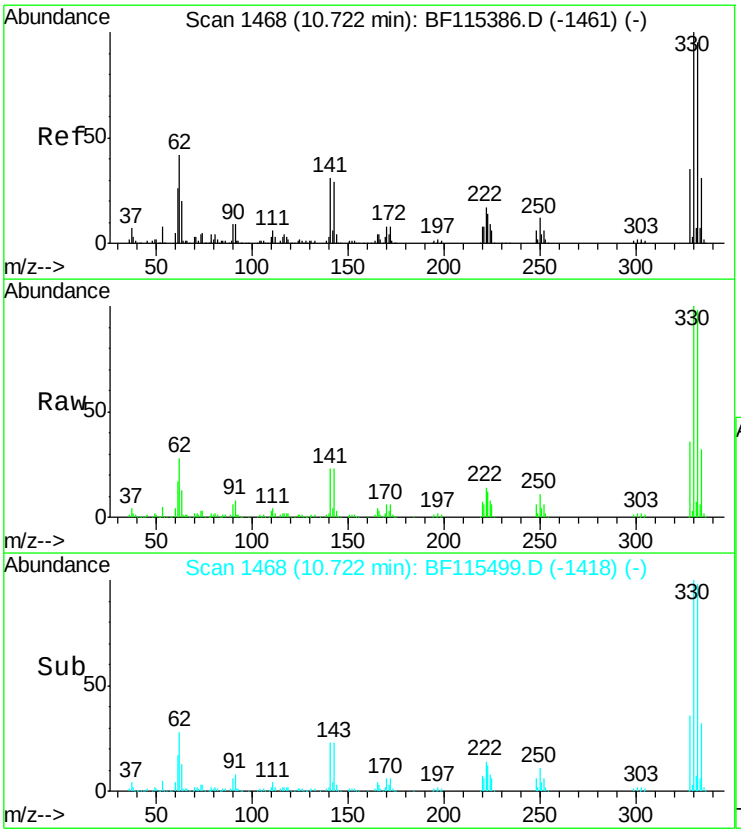
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 286046

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.3	123.5
160	46.7	37.2	55.8

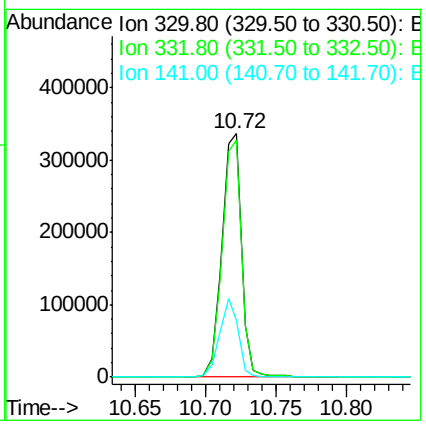


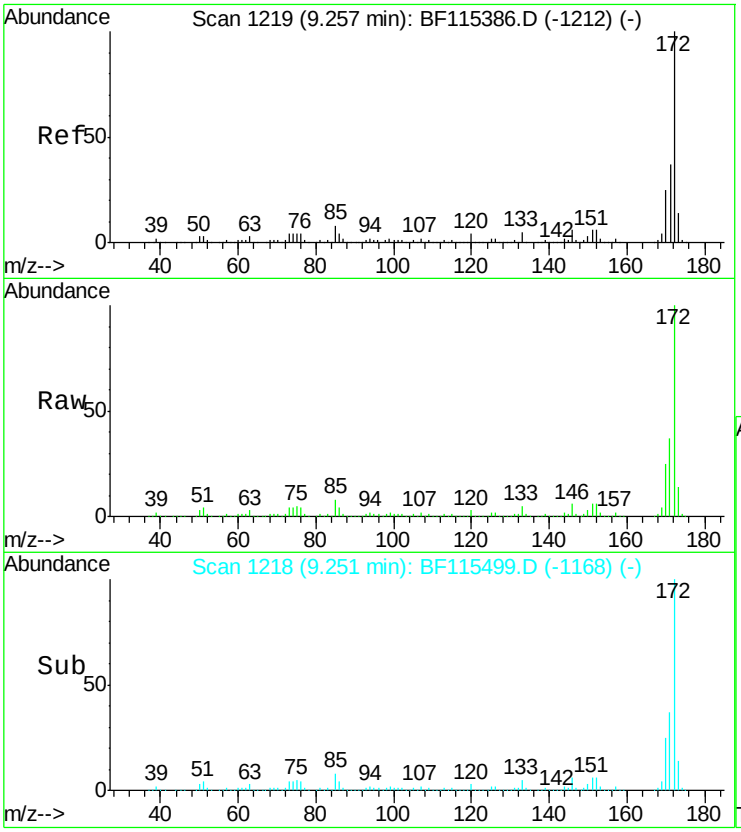


#42
2,4,6-Tribromophenol
Concen: 102.649 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:330 Resp: 324651

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	30.7	24.7	37.1



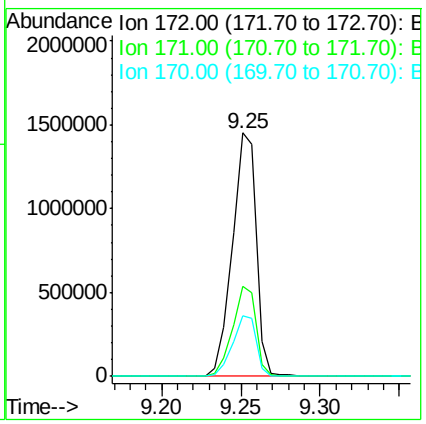


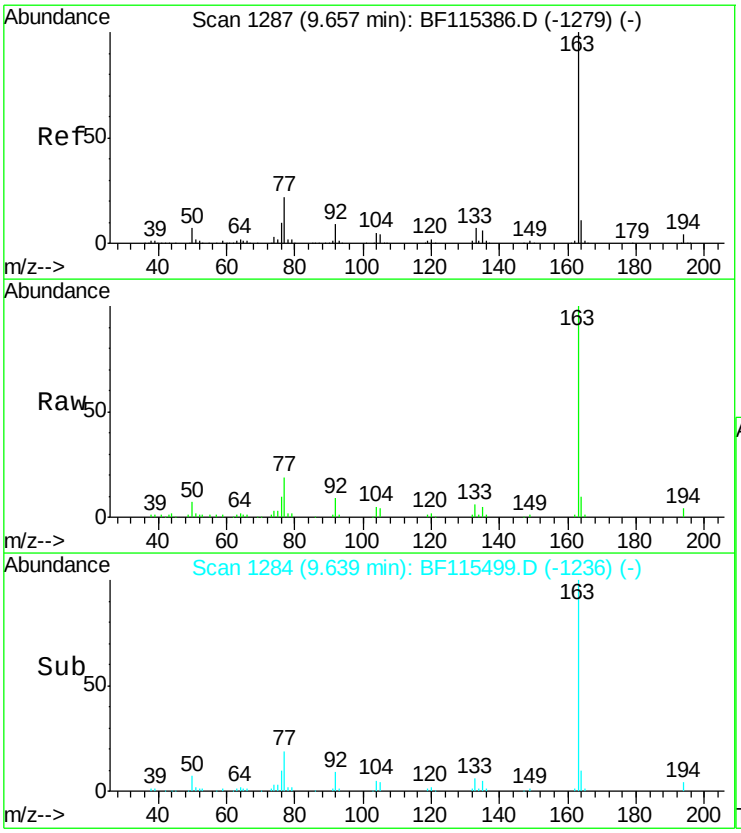
#45
2-Fluorobiphenyl
Concen: 93.388 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1522343

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	24.8	20.0	30.0

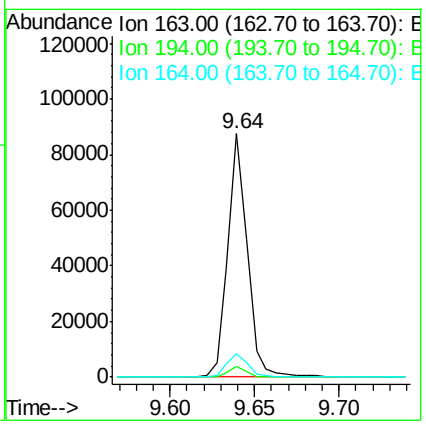


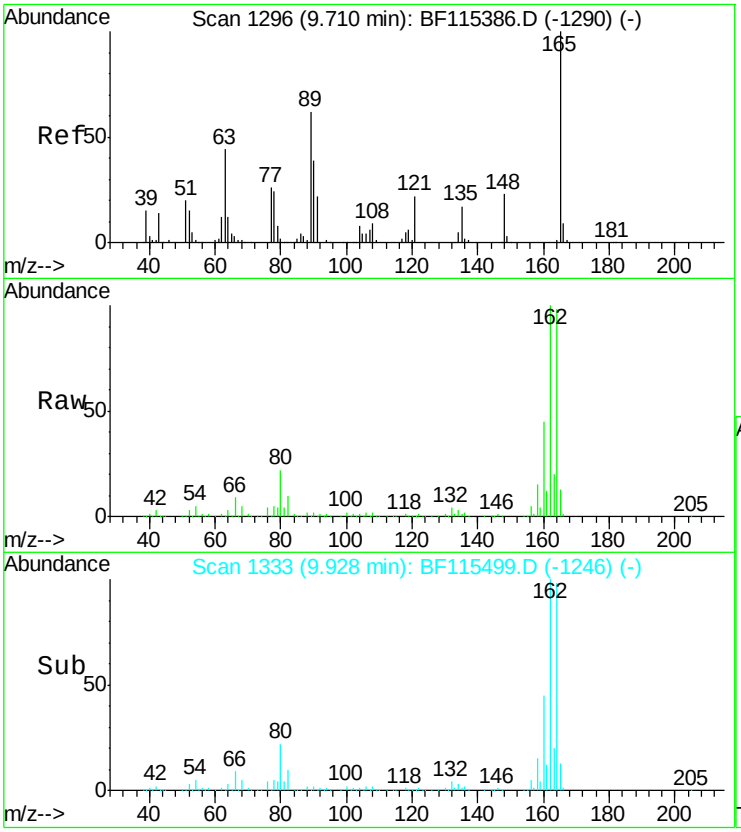


#50
Dimethylphthalate
Concen: 3.259 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:163 Resp: 69966

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.9	8.6	13.0



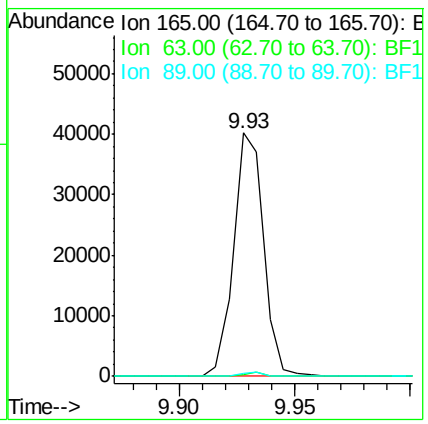


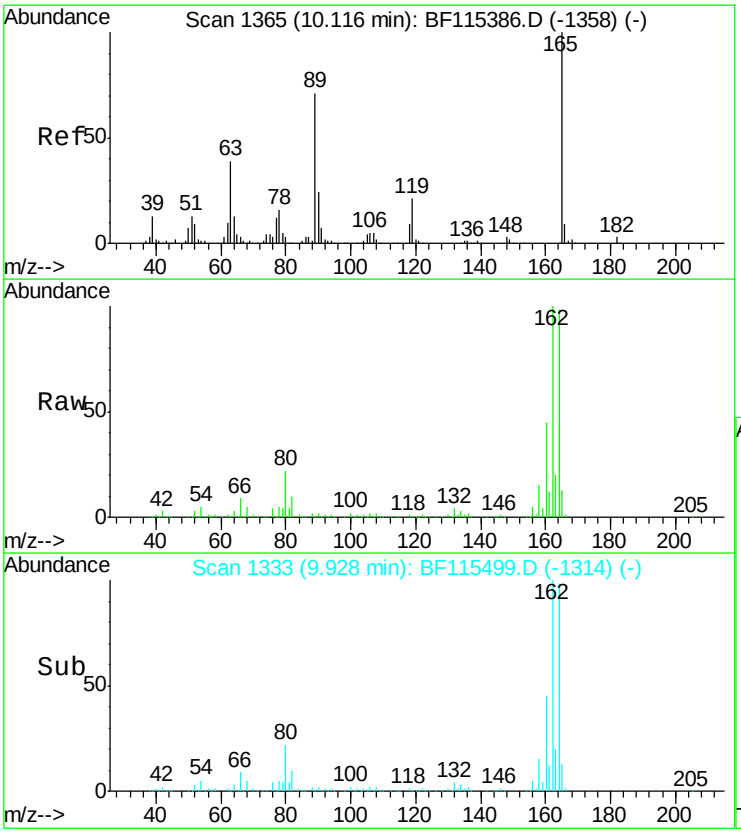
#51
2,6-Dinitrotoluene
Concen: 7.821 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.21 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36417

Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.7	59.5#
89	1.3	42.8	64.2#

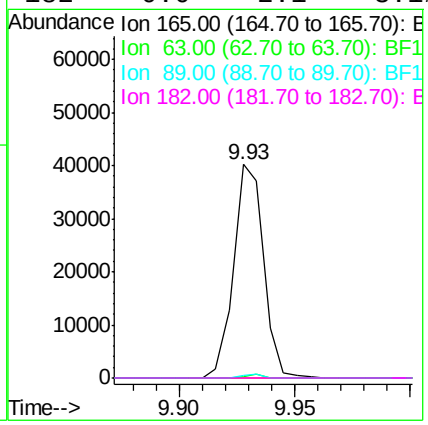


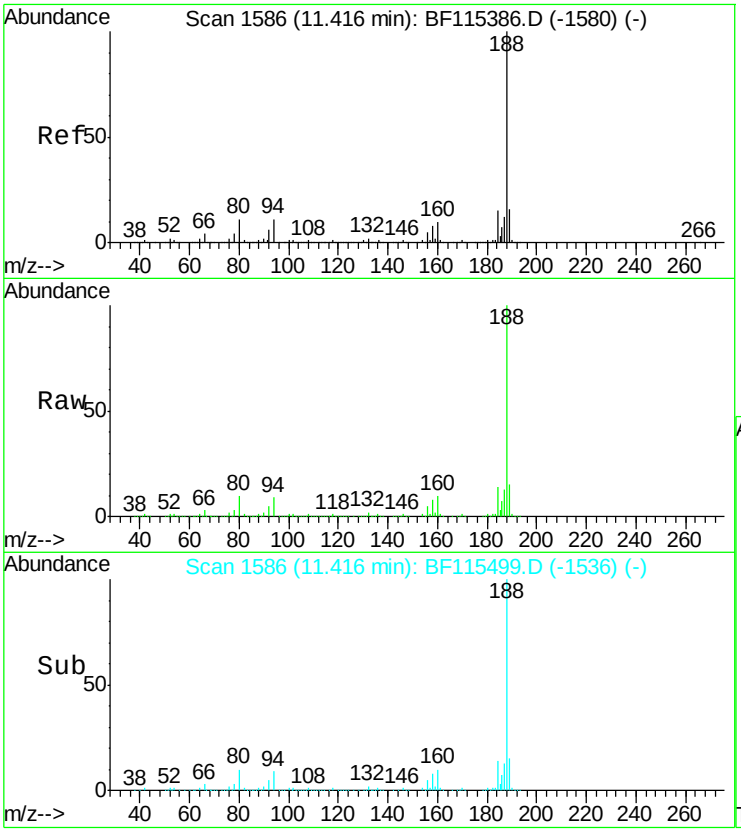


#57
2,4-Dinitrotoluene
Concen: 6.154 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:165 Resp: 36417

Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.0	49.4#
89	1.3	58.5	87.7#
182	0.0	2.1	3.1#



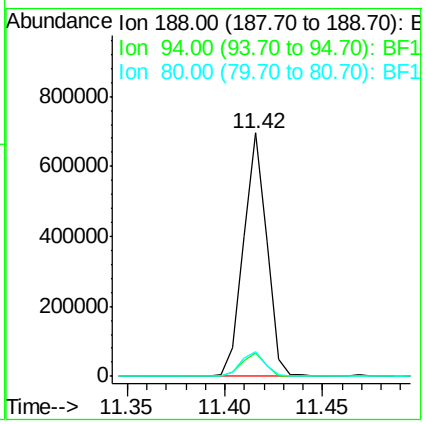


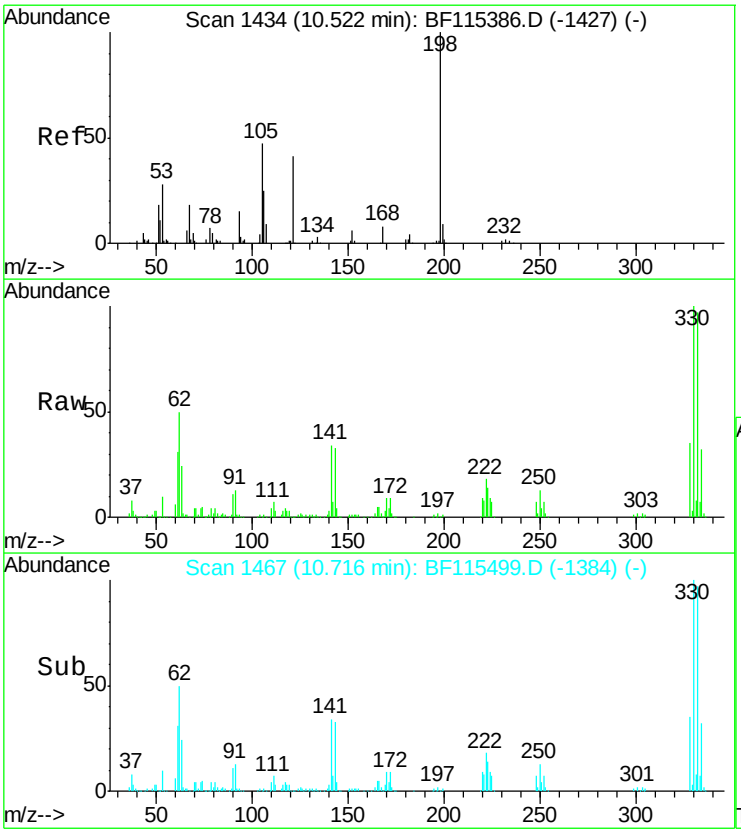
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 576967

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.8
80	10.3	8.4	12.6

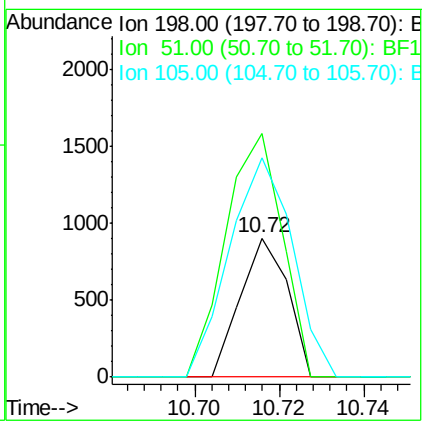


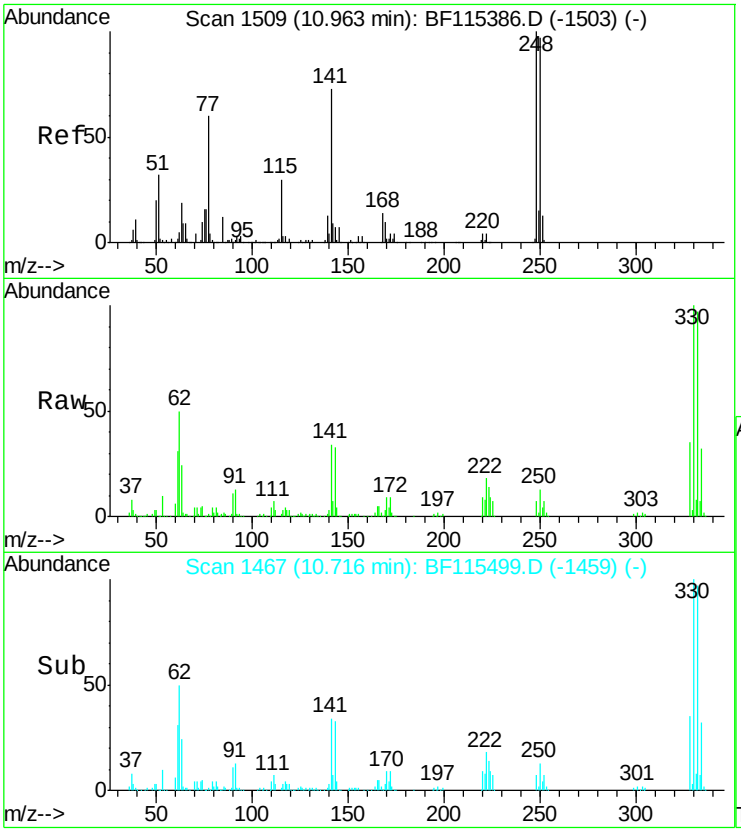


#65
4,6-Dinitro-2-methylphenol
Concen: 8.031 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:198 Resp: 705

Ion	Ratio	Lower	Upper
198	100		
51	175.5	20.7	60.7#
105	157.9	25.3	65.3#



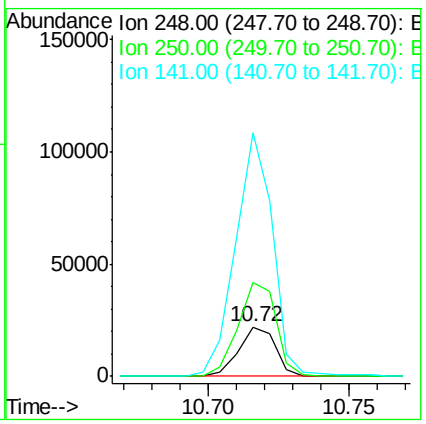


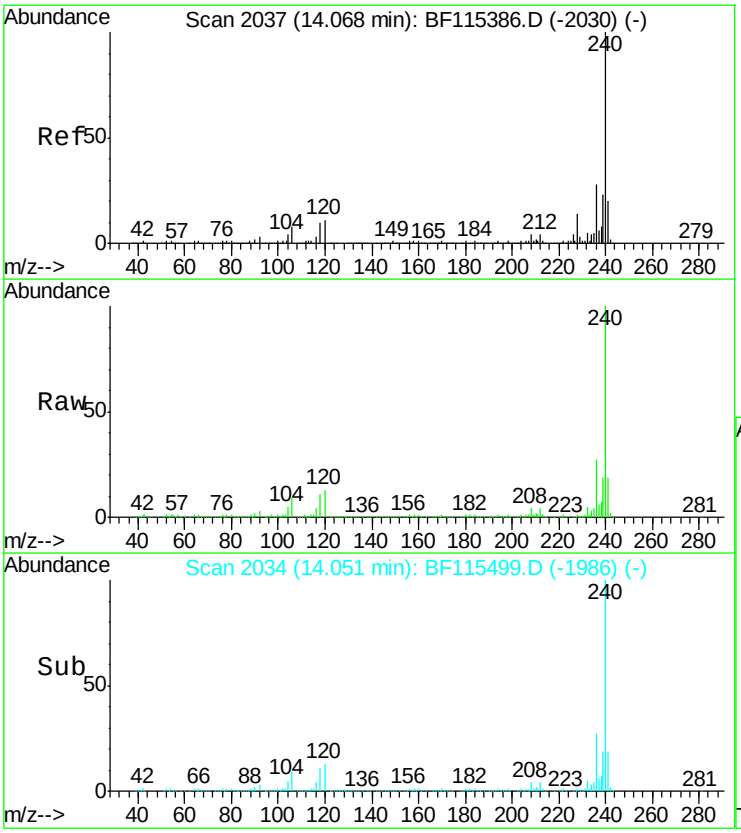
#67
4-Bromophenyl-phenylether
Concen: 3.107 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 20116

Ion	Ratio	Lower	Upper
248	100		
250	191.0	78.3	117.5#
141	494.5	52.2	78.2#

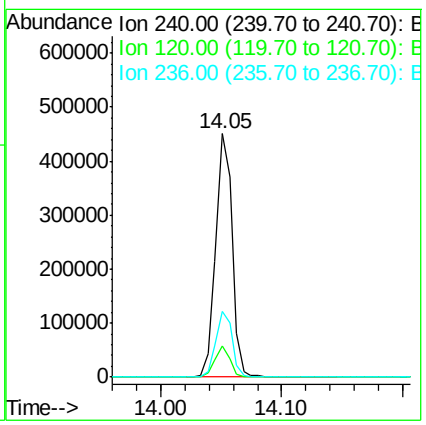


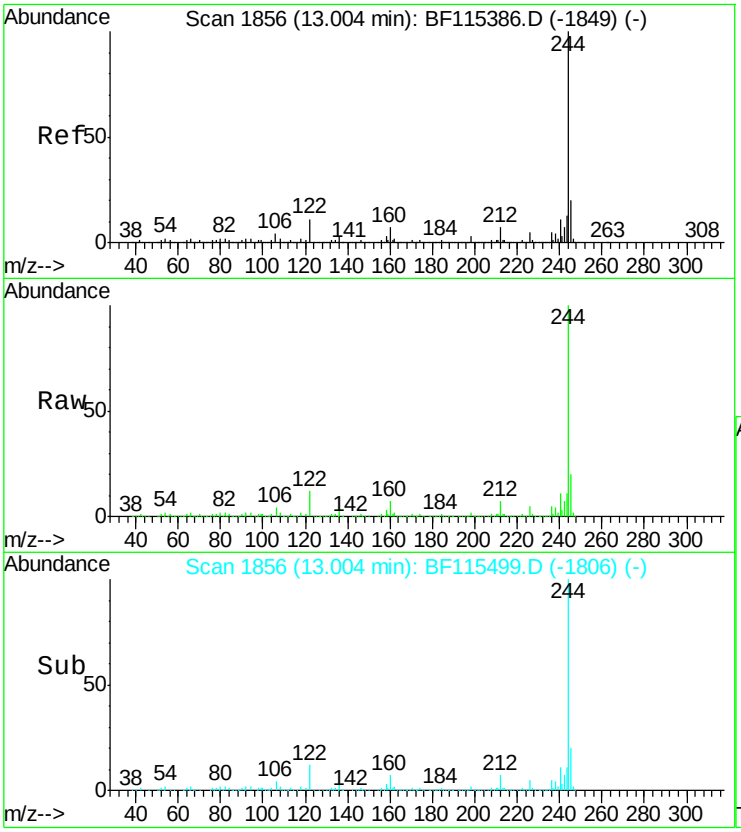


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:240 Resp: 419505

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.2	15.4
236	26.8	21.1	31.7



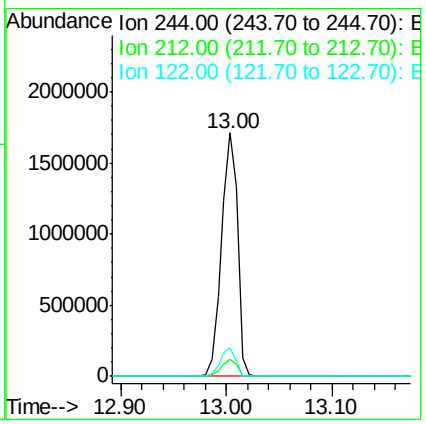


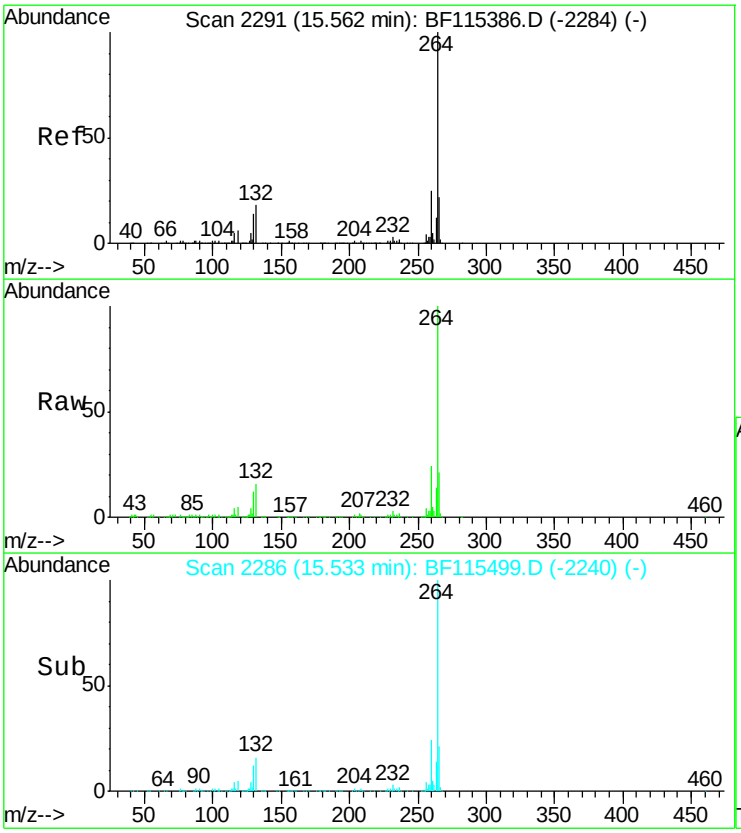
#79
Terphenyl-d14
Concen: 88.297 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1809071

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.9	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:264 Resp: 354820

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.3	17.8	26.6