Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114734.D
Acq On : 1 Jun 2019 3:40
Operator : HP/JU
Sample : K3104-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP

Quant Time: Jun 01 06:36:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	423176	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1531992	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	704596	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1191044	20.00	ng	0.00
76) Chrysene-d12	13.82	240	771992	20.00	ng	0.00
87) Perylene-d12	15.20	264	703451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1002445	41.59	ng	0.01
7) Phenol-d6	6.32	99	782247	26.93	ng	0.00
23) Nitrobenzene-d5	7.26	82	2135242	86.96	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	588478	87.65	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3523525	96.01	ng	0.00
79) Terphenyl-d14	12.78	244	3102900	75.57	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	1513	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	292721	14.601	ng	# 76
25) Isophorone	7.26	82	2095423	42.521	ng	# 63
50) Dimethylphthalate	9.44	163	317778	6.472	ng	99
57) 2,4-Dinitrotoluene	9.72	165	93242	6.368	ng	# 23
58) Fluorene	10.26	166	877	Below Cal	#	50
67) 4-Bromophenyl-phenylether	10.50	248	36163	2.831	ng	# 1
69) Atrazine	10.89	200	1200	Below Cal	#	71
74) Di-n-butylphthalate	11.77	149	3854	Below Cal	#	86

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
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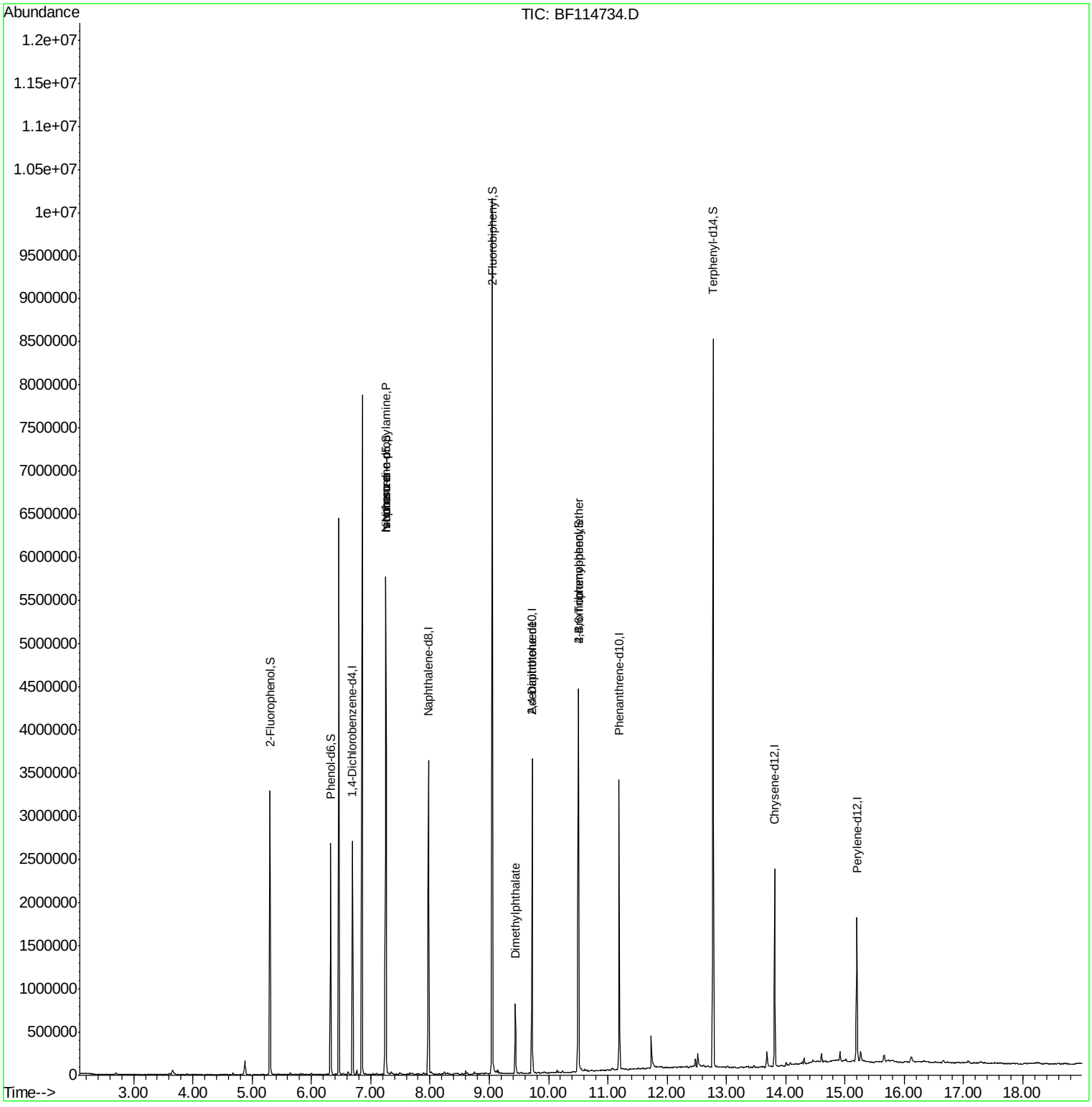
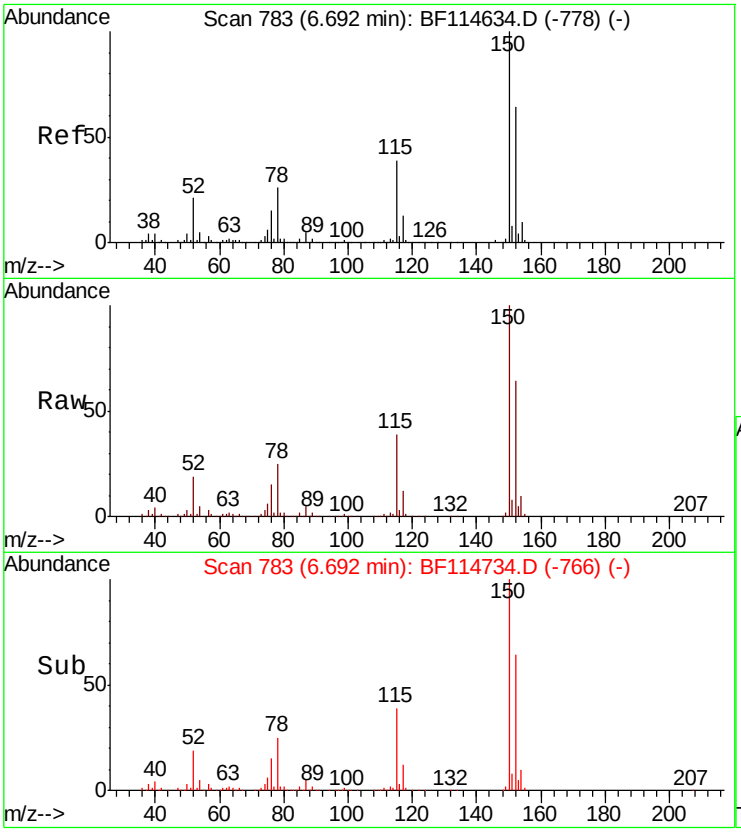


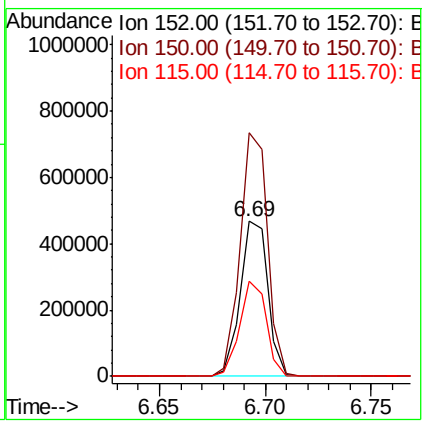


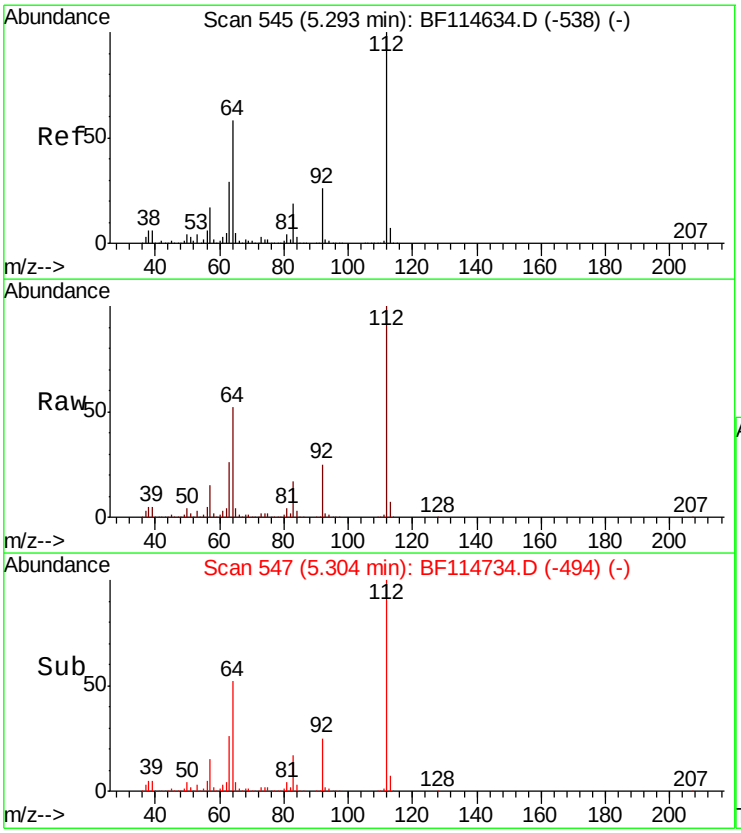
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:152 Resp: 423176

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.4	186.6
115	61.6	48.7	73.1

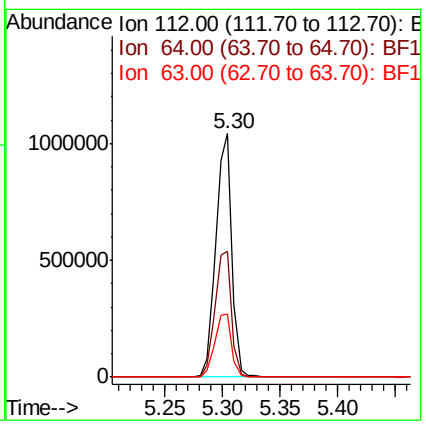


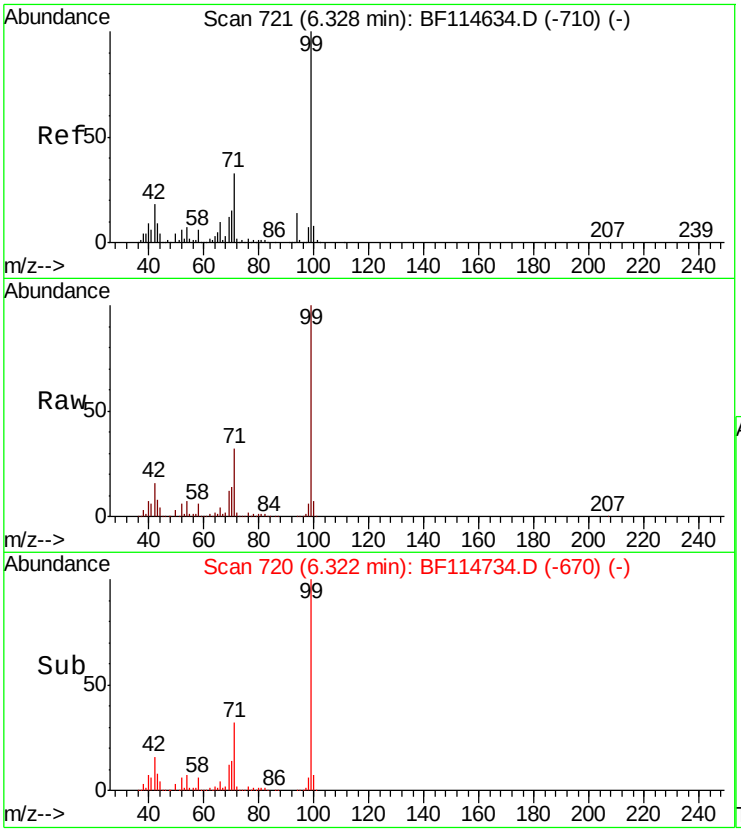


#5
2-Fluorophenol
Concen: 41.590 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:112 Resp: 1002445

Ion	Ratio	Lower	Upper
112	100		
64	51.9	46.1	69.1
63	26.1	23.4	35.2



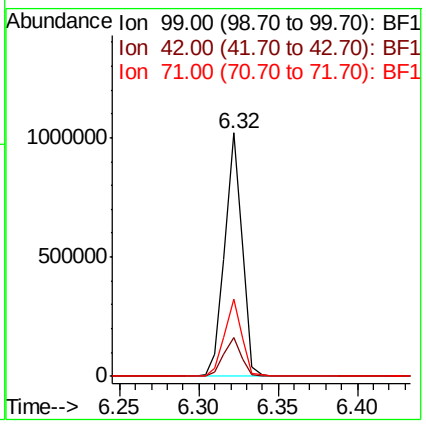


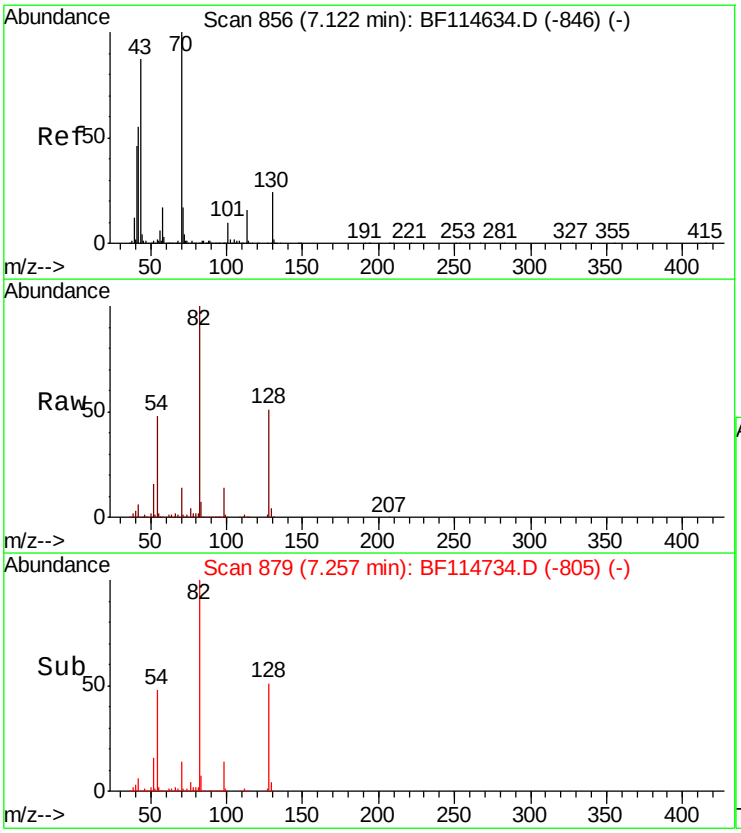
#7
Phenol-d6
Concen: 26.932 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion: 99 Resp: 782247

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.7	22.1
71	31.9	26.6	40.0

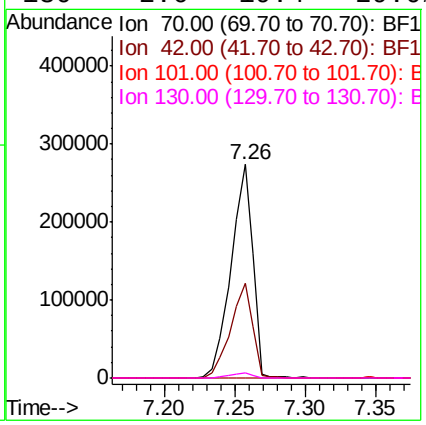


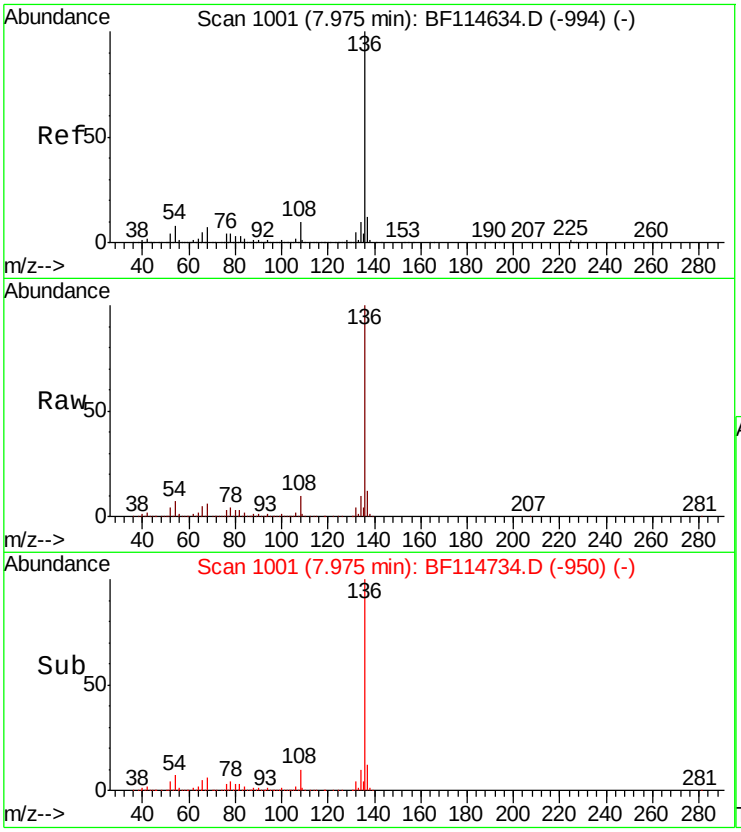


#19
n-Nitroso-di-n-propylamine
Concen: 14.601 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion: 70 Resp: 292721

Ion	Ratio	Lower	Upper
70	100		
42	44.6	44.4	66.6
101	0.0	8.2	12.4#
130	2.6	19.4	29.0#



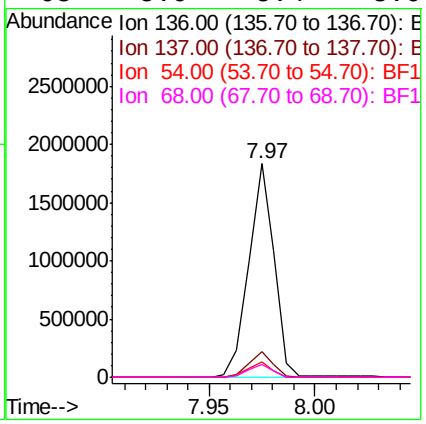


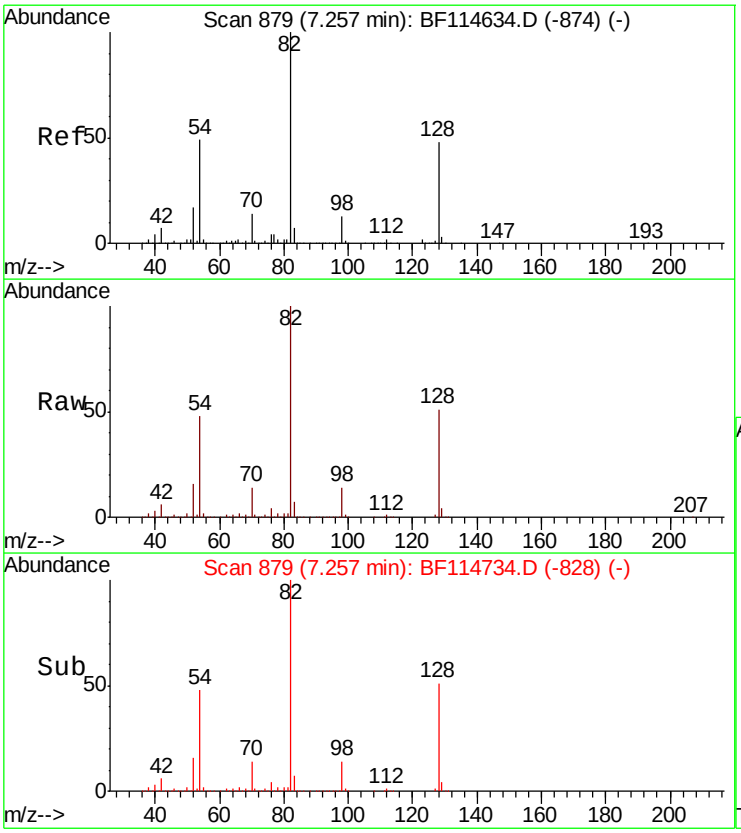
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:136 Resp: 1531992

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	6.9	6.3	9.5
68	5.9	5.4	8.0

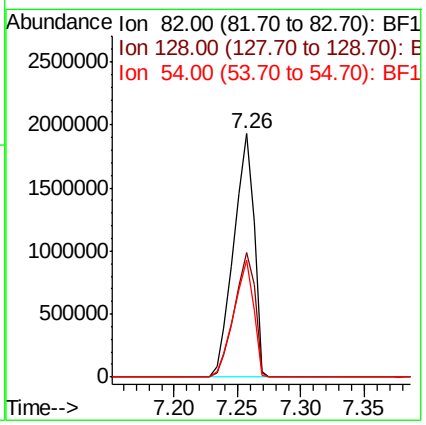


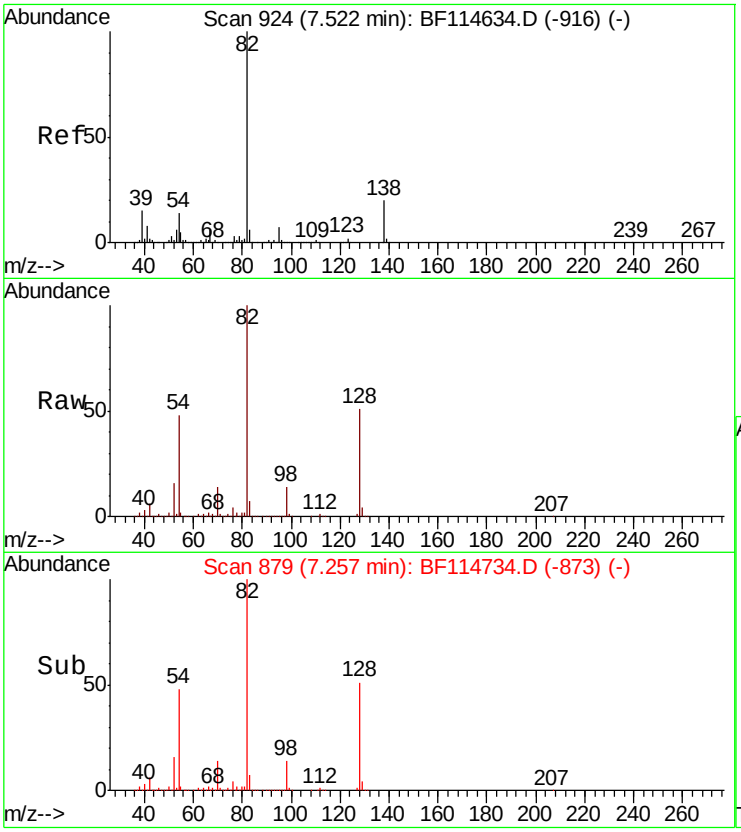


#23
Nitrobenzene-d5
Concen: 86.956 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion: 82 Resp: 2135242

Ion	Ratio	Lower	Upper
82	100		
128	51.4	38.5	57.7
54	48.3	39.1	58.7



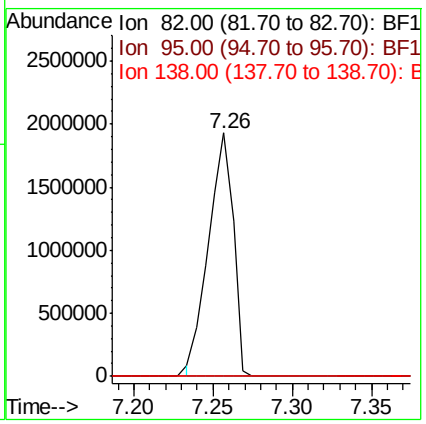


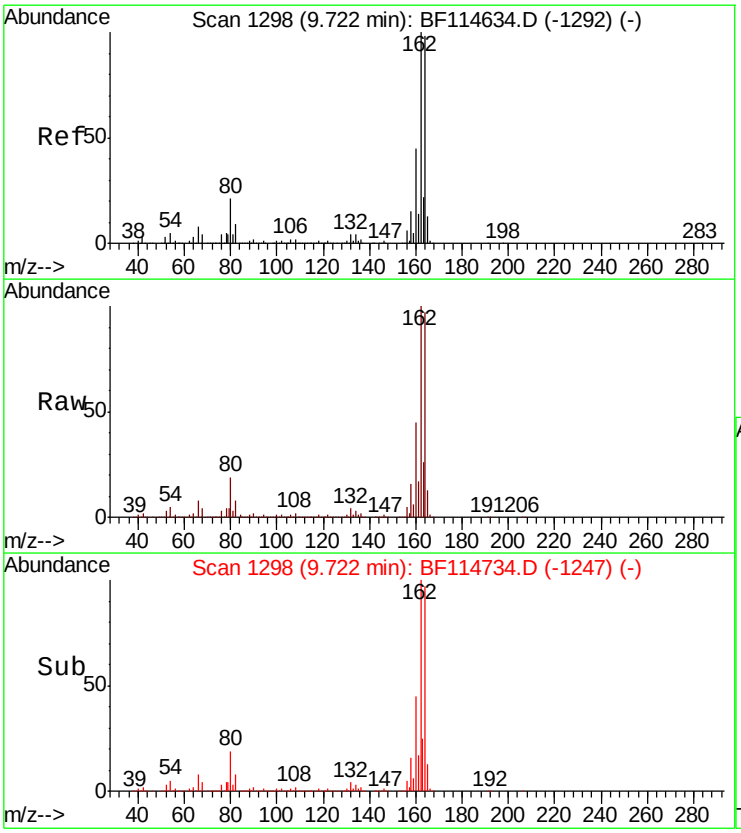
#25
Isophorone
Concen: 42.521 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion: 82 Resp: 2095423

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.9	23.9#

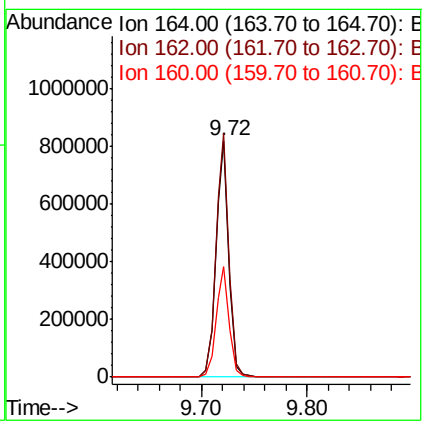


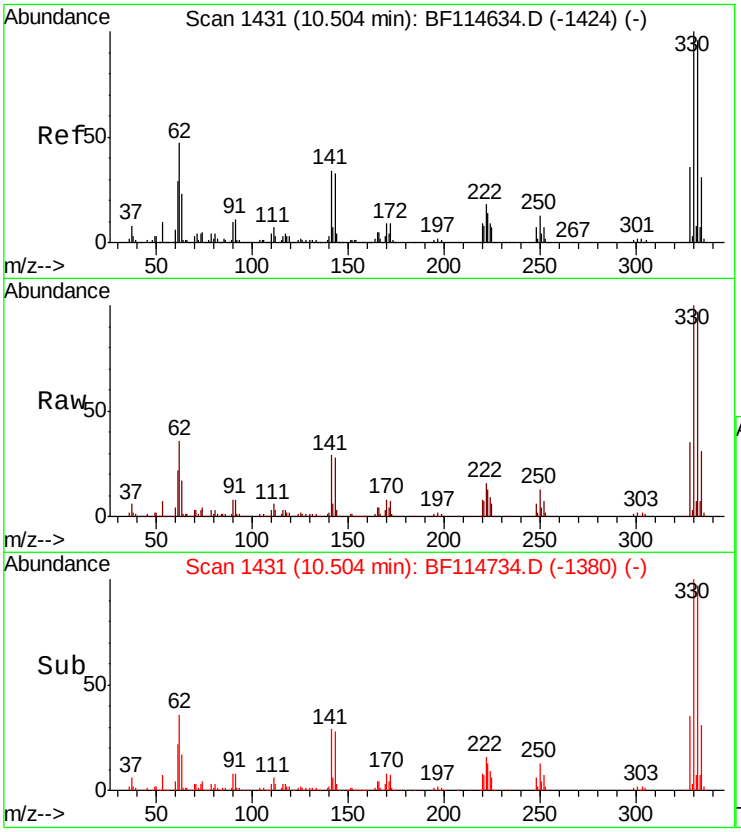


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:164 Resp: 704596

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.2
160	46.6	36.6	54.8



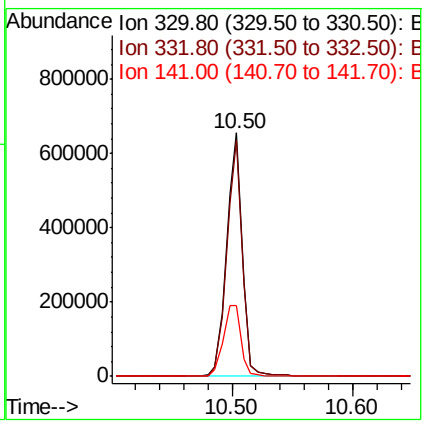


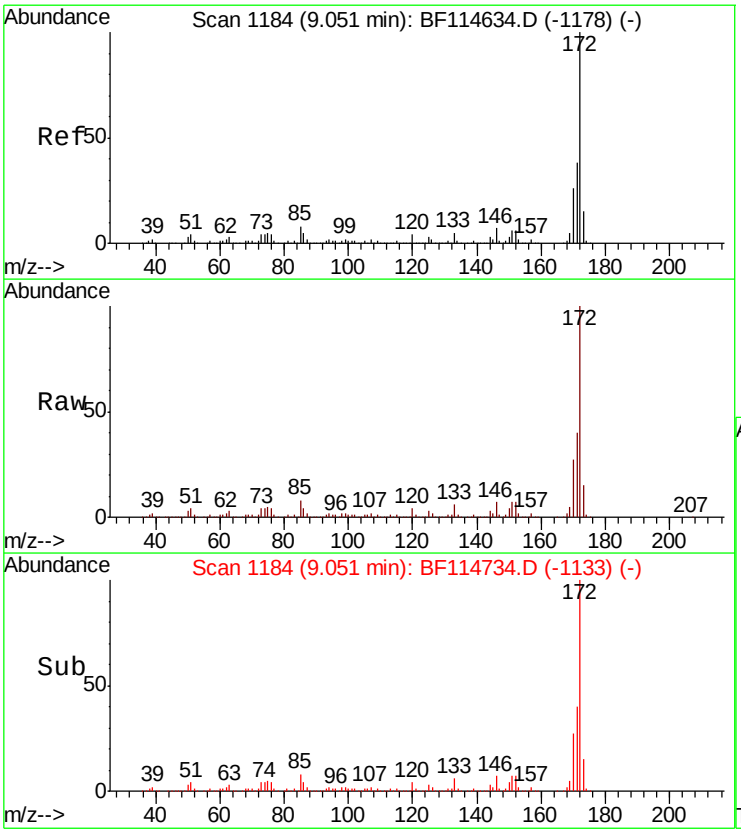
#42
2,4,6-Tribromophenol
Concen: 87.653 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:330 Resp: 588478

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.8	113.8
141	33.5	27.8	41.8

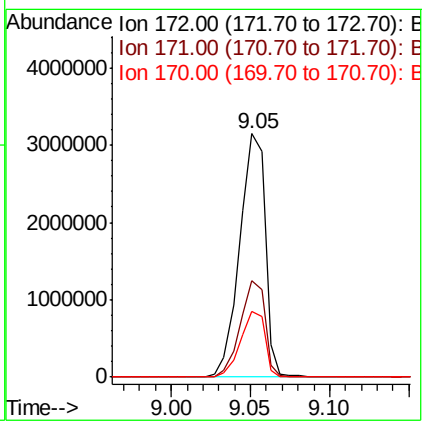


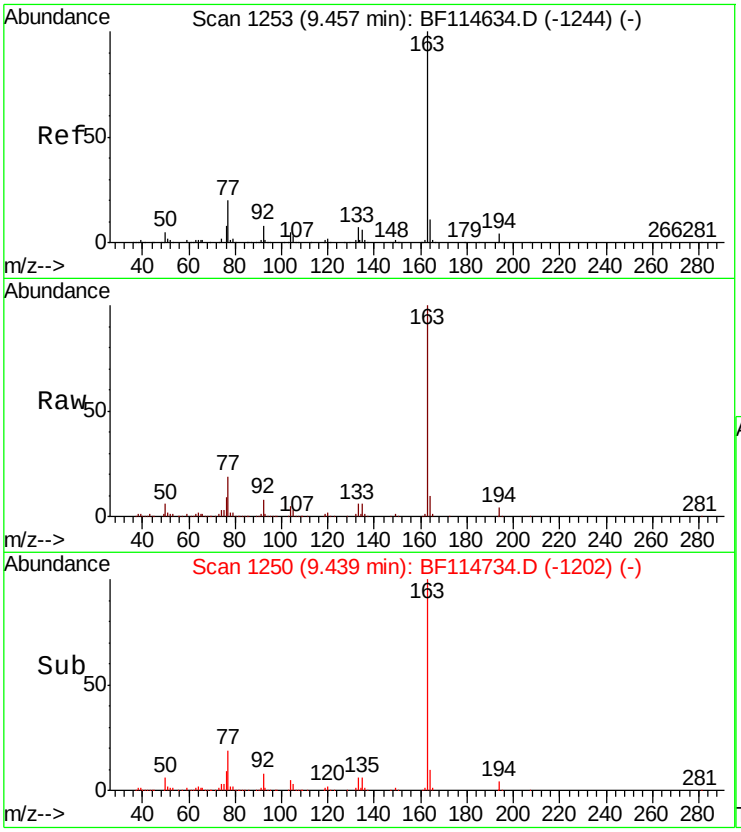


#45
2-Fluorobiphenyl
Concen: 96.012 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:172 Resp: 3523525

Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.6	45.8
170	27.0	20.7	31.1



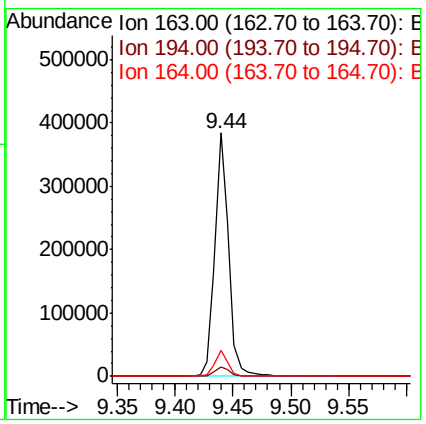


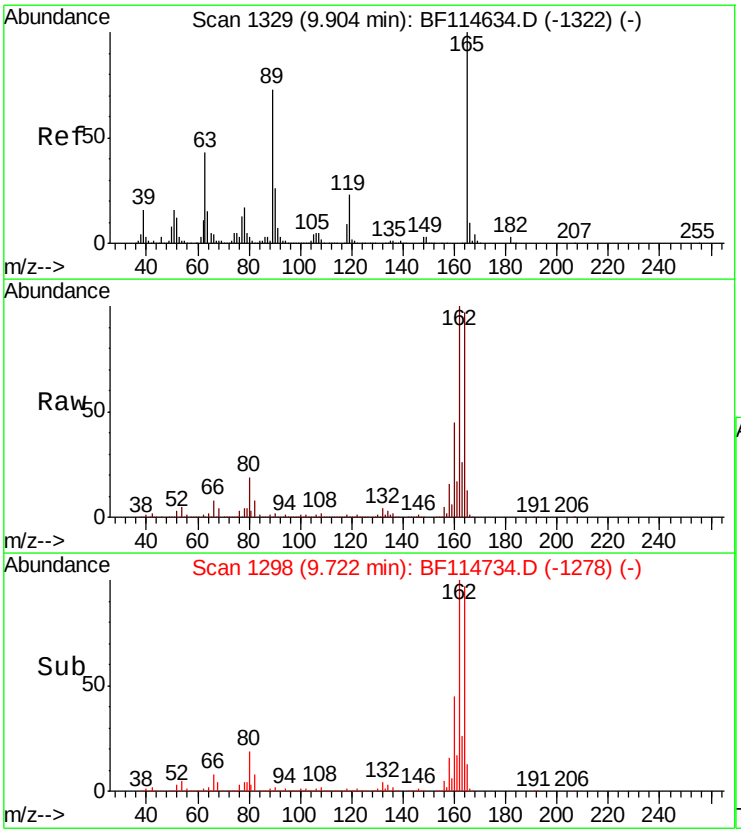
#50
Dimethylphthalate
Concen: 6.472 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:163 Resp: 317778

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.4	8.6	13.0

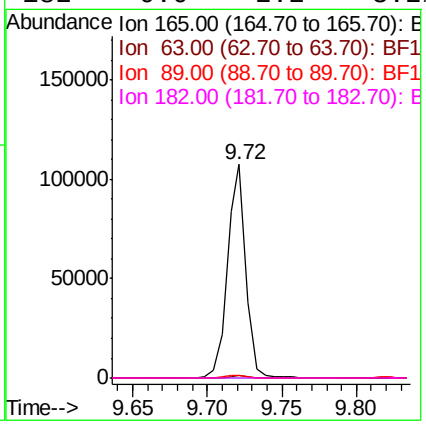


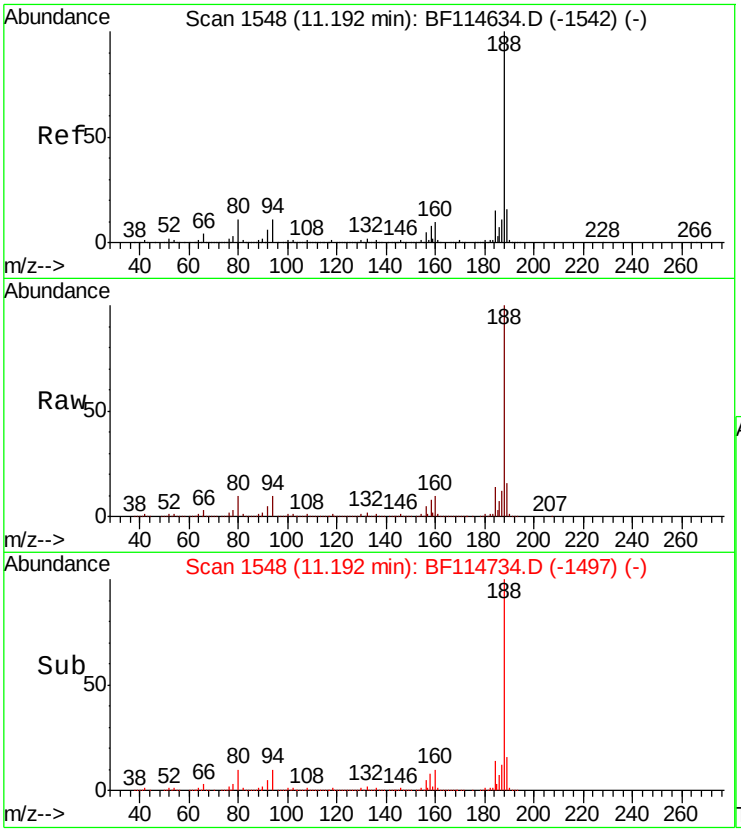


#57
2,4-Dinitrotoluene
Concen: 6.368 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:165 Resp: 93242

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.8	52.2#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#



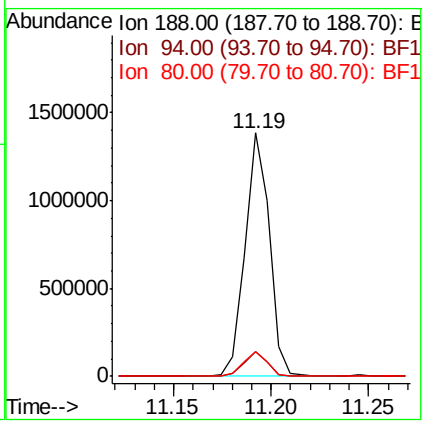


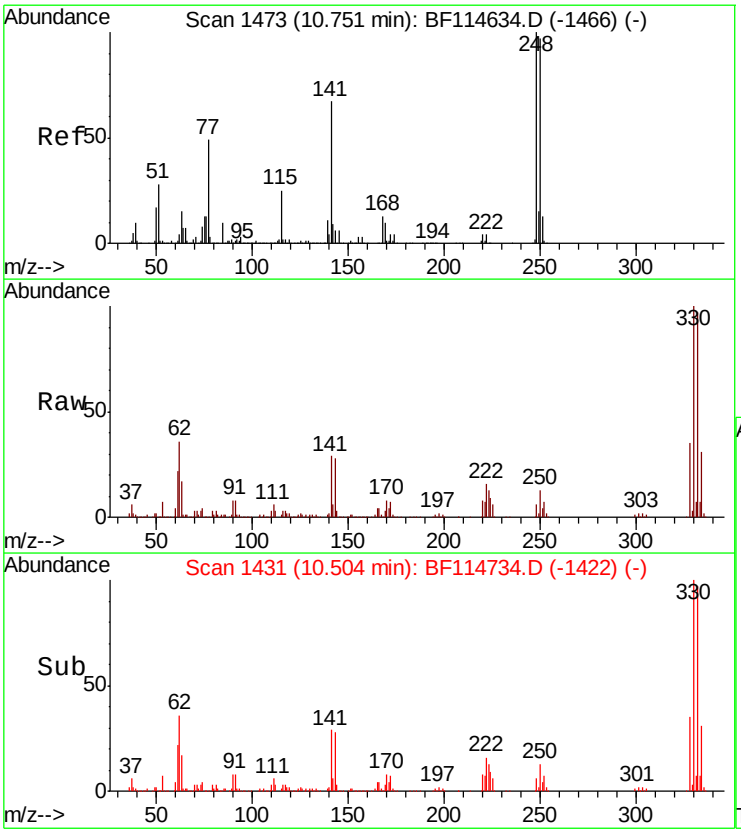
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:188 Resp: 1191044

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.6	13.0
80	10.3	9.0	13.6

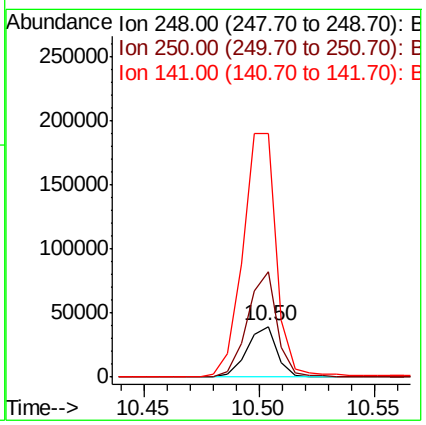


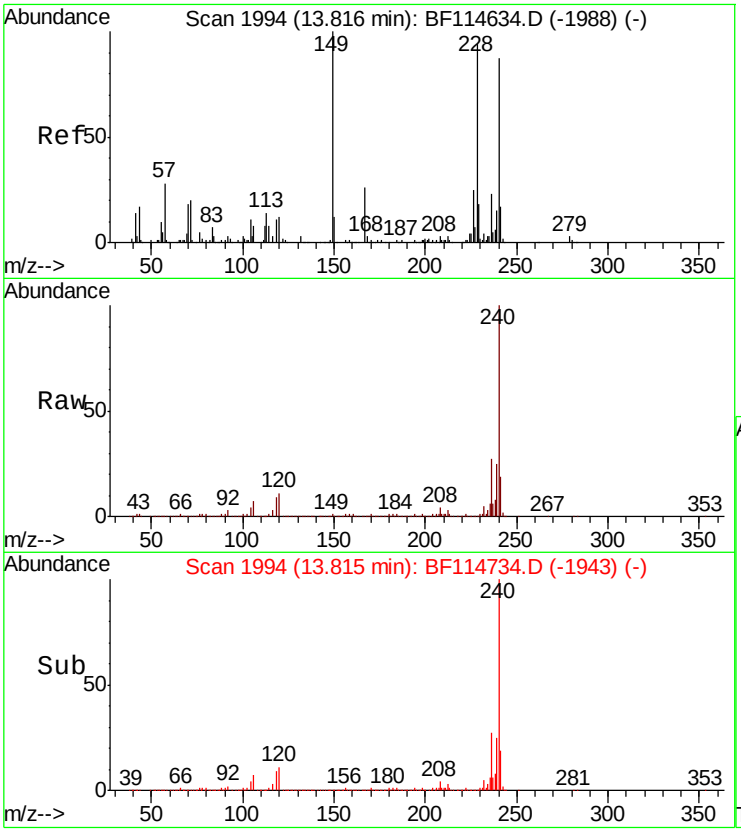


#67
4-Bromophenyl-phenylether
Concen: 2.831 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:248 Resp: 36163

Ion	Ratio	Lower	Upper
248	100		
250	209.0	78.0	117.0#
141	483.3	53.8	80.8#



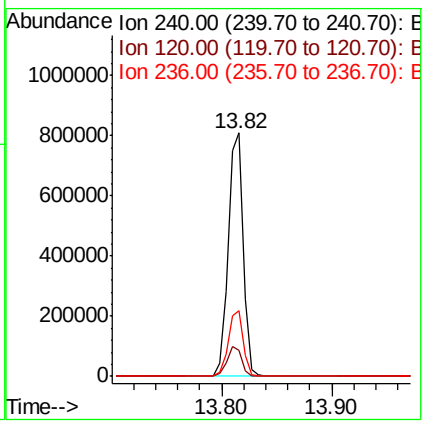


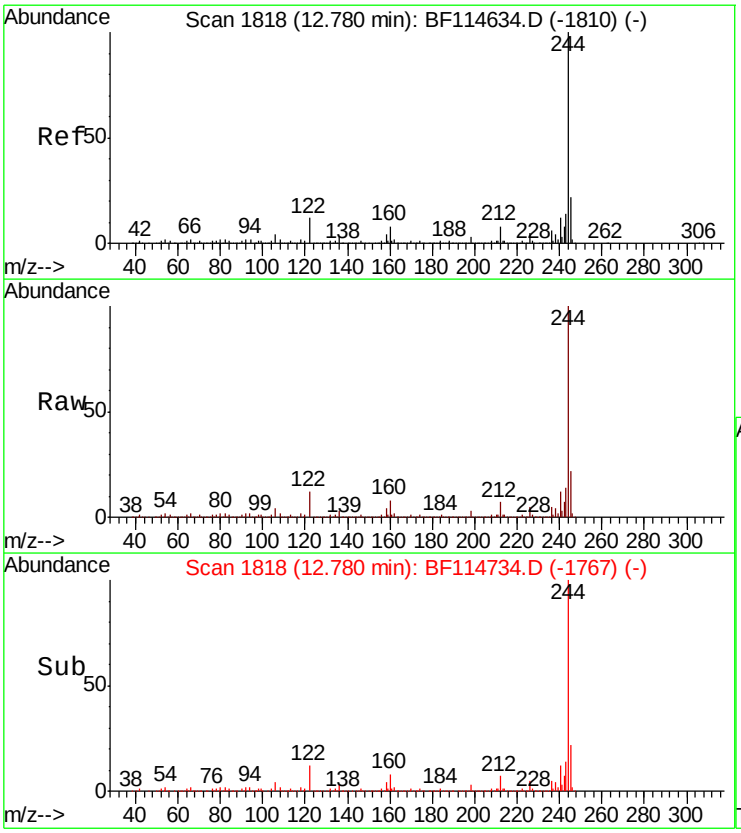
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:240 Resp: 771992

Ion	Ratio	Lower	Upper
240	100		
120	10.6	11.2	16.8#
236	27.2	21.2	31.8

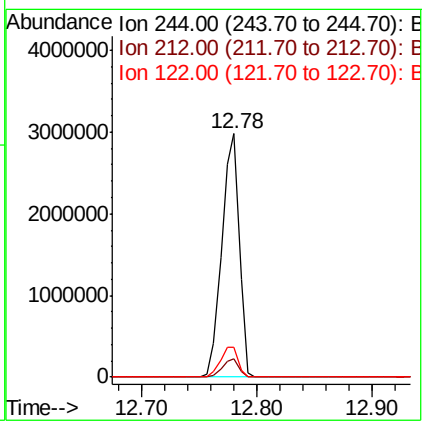


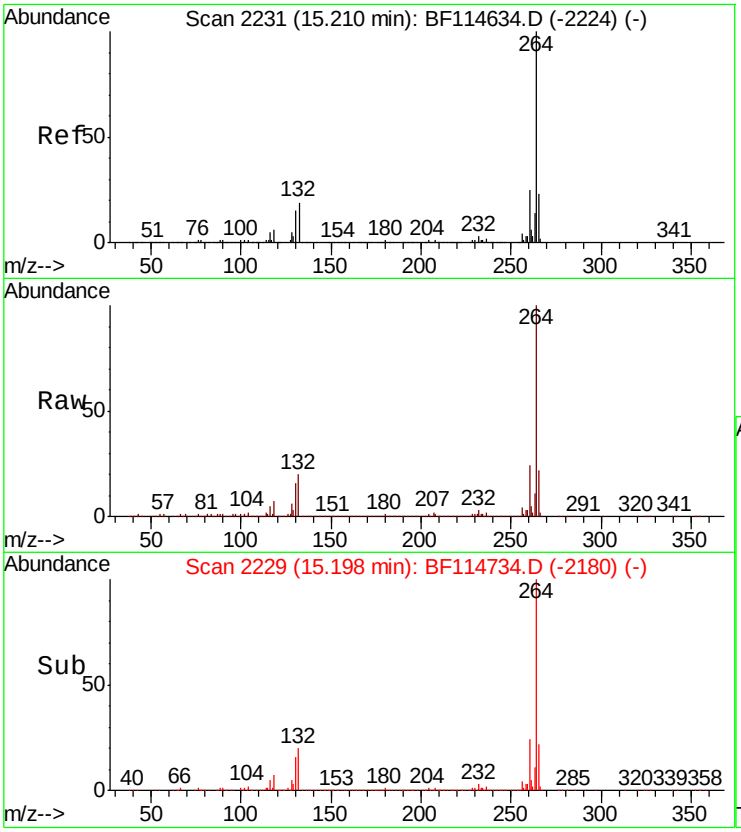


#79
Terphenyl-d14
Concen: 75.570 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:244 Resp: 3102900

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.2	9.8	14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:264 Resp: 703451

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.1	18.1	27.1