Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114725.D
Acq On : 31 May 2019 23:41
Operator : HP/JU
Sample : K3124-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-S

Quant Time: Jun 01 00:28:21 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	440174	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1689986	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	820849	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1509950	20.00	ng	0.00
76) Chrysene-d12	13.81	240	977376	20.00	ng	0.00
87) Perylene-d12	15.20	264	874114	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2834038	113.04	ng	0.02
7) Phenol-d6	6.33	99	3541088	117.21	ng	0.00
23) Nitrobenzene-d5	7.26	82	2234052	82.47	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1013621	129.60	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3634718	82.76	ng	0.00
79) Terphenyl-d14	12.78	244	3489844	67.13	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	5886	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	306622	14.704	ng	# 75
25) Isophorone	7.26	82	2133376	39.244	ng	# 63
50) Dimethylphthalate	9.44	163	741275	12.960	ng	99
57) 2,4-Dinitrotoluene	9.72	165	105380	6.178	ng	# 24
58) Fluorene	10.50	166	44062	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.50	248	64890	4.007	ng	# 1
74) Di-n-butylphthalate	11.76	149	13411	Below Cal		96

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

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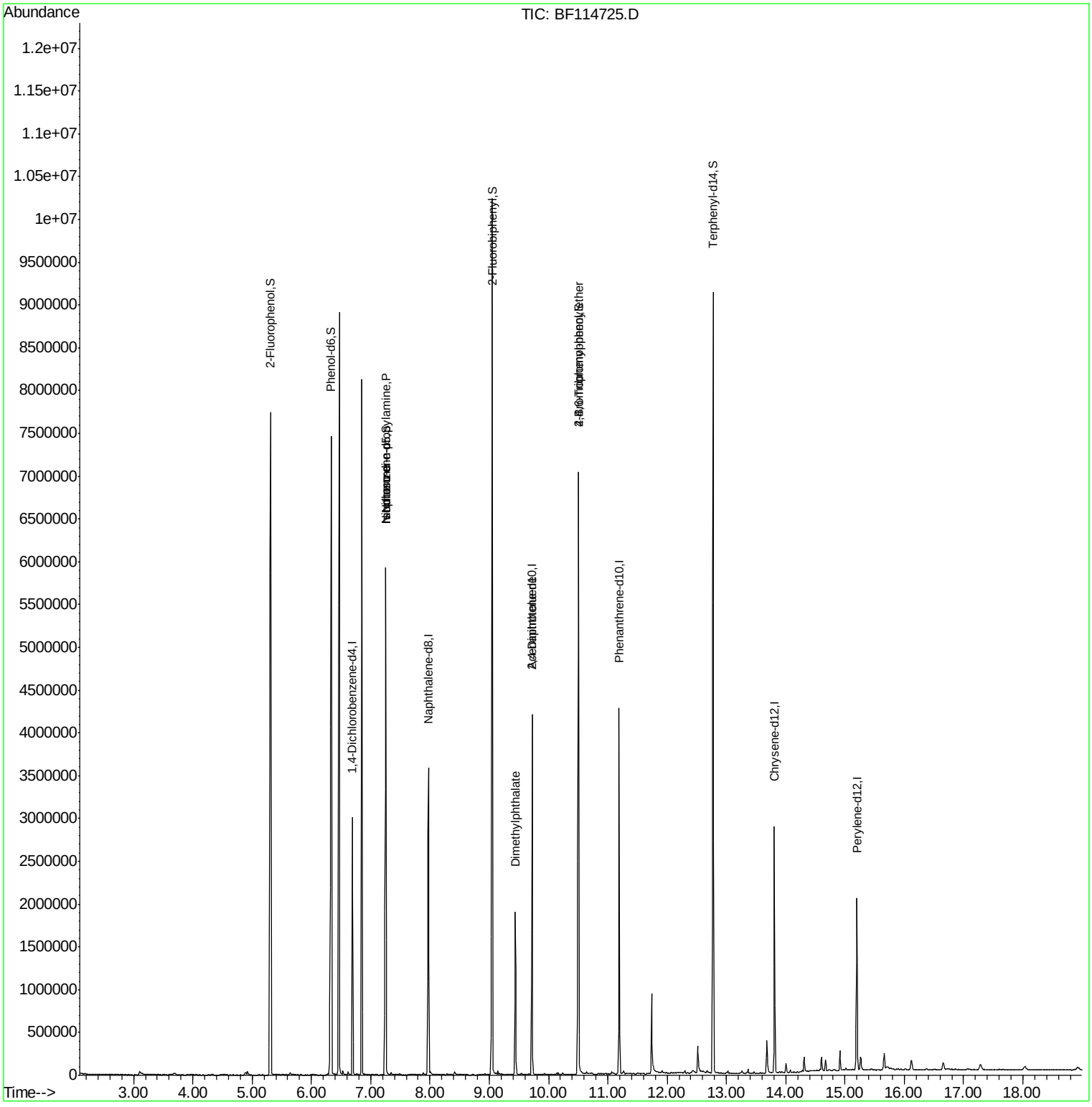
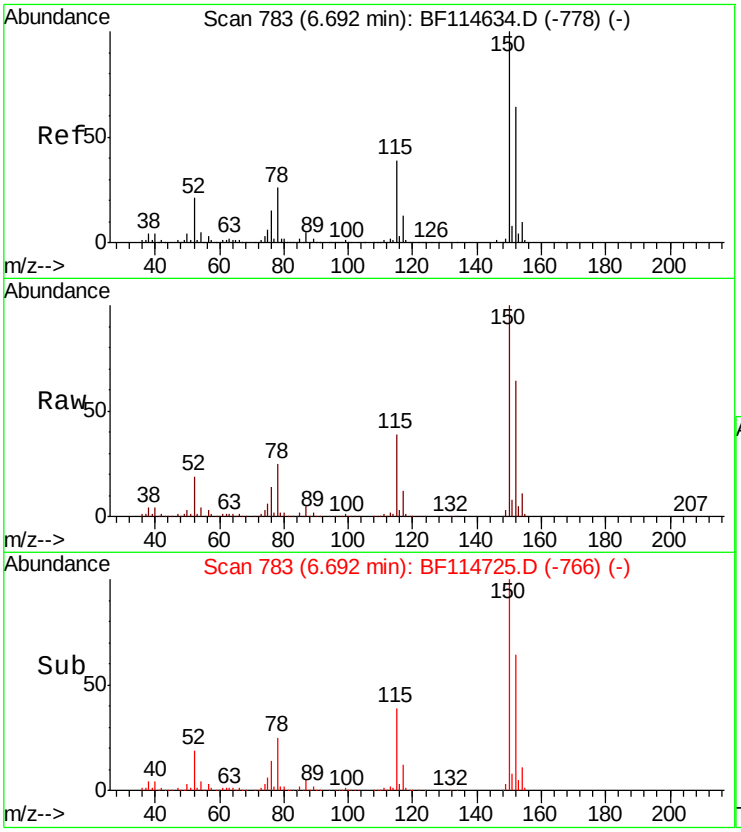


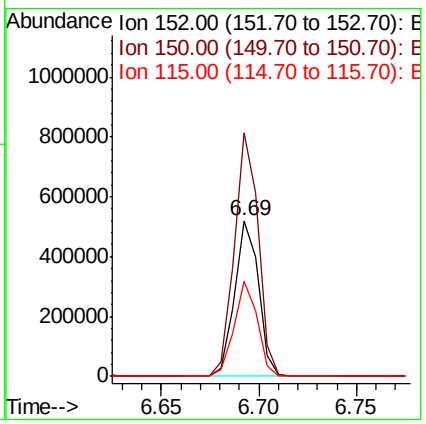


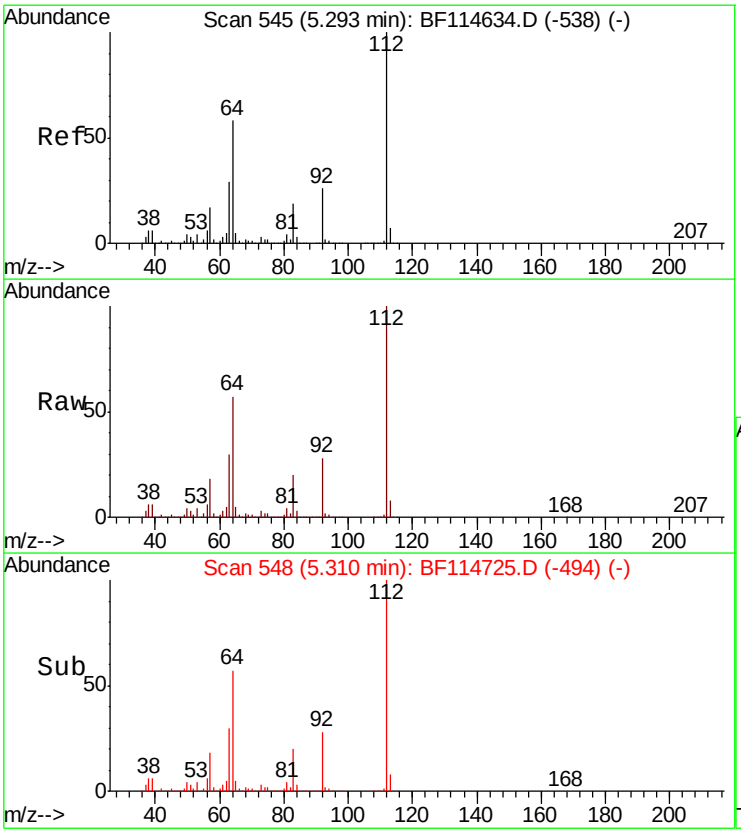
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:152 Resp: 440174

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.4	186.6
115	61.0	48.7	73.1

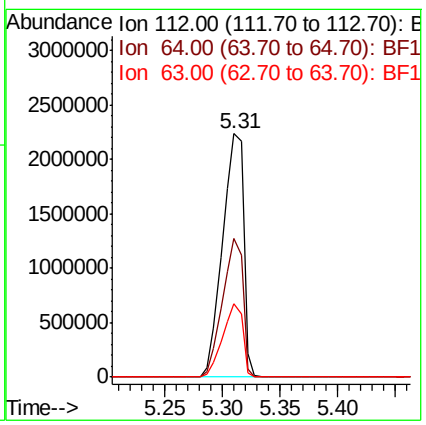


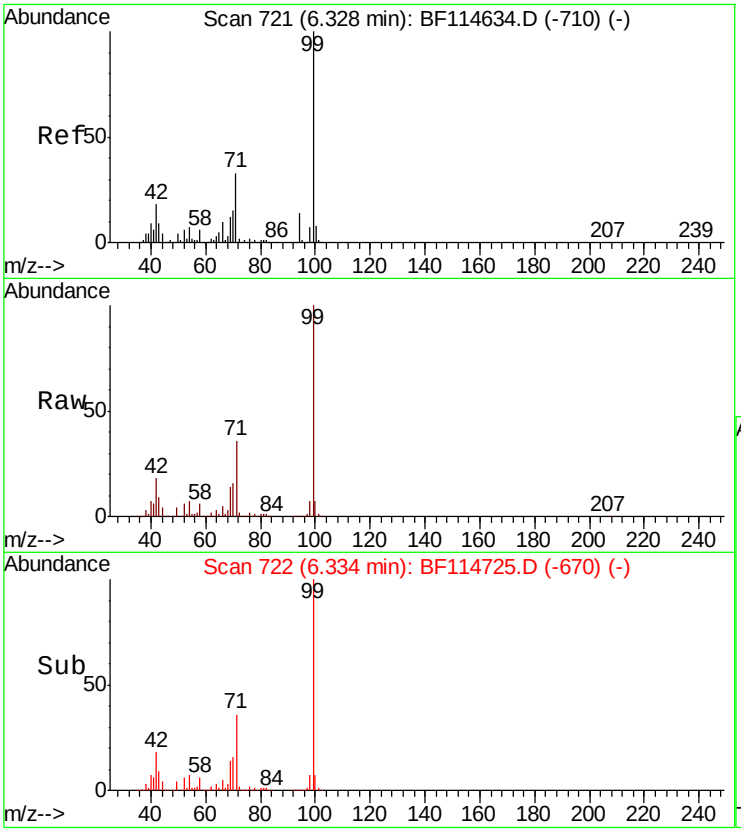


#5
2-Fluorophenol
Concen: 113.040 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion:112 Resp: 2834038

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.1	69.1
63	29.9	23.4	35.2



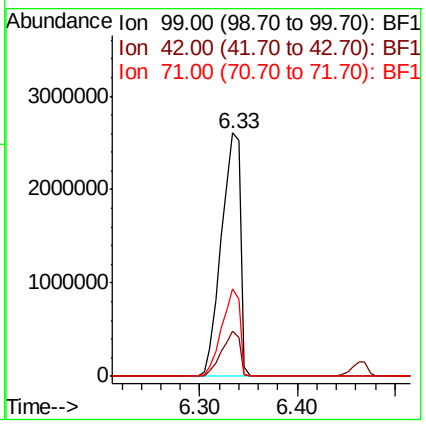


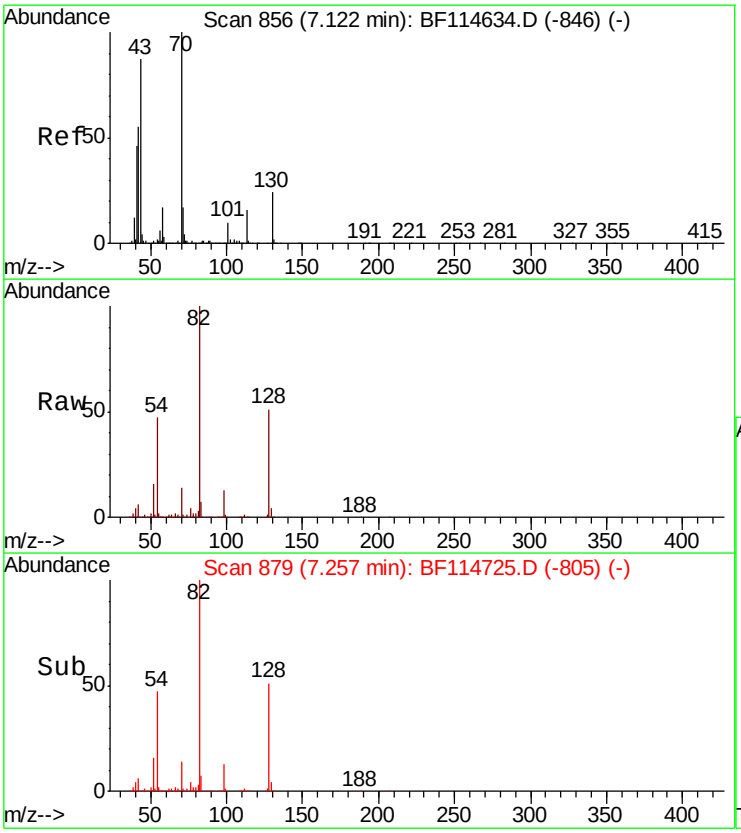
#7
Phenol-d6
Concen: 117.210 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion: 99 Resp: 3541088

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.7	22.1
71	36.0	26.6	40.0

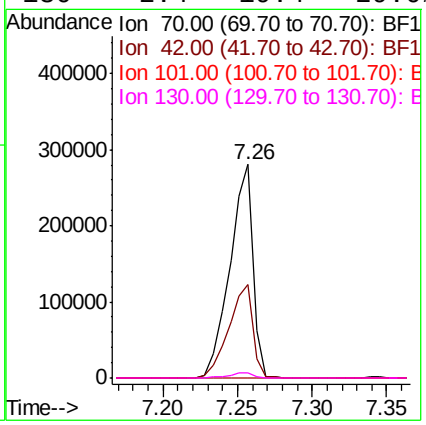


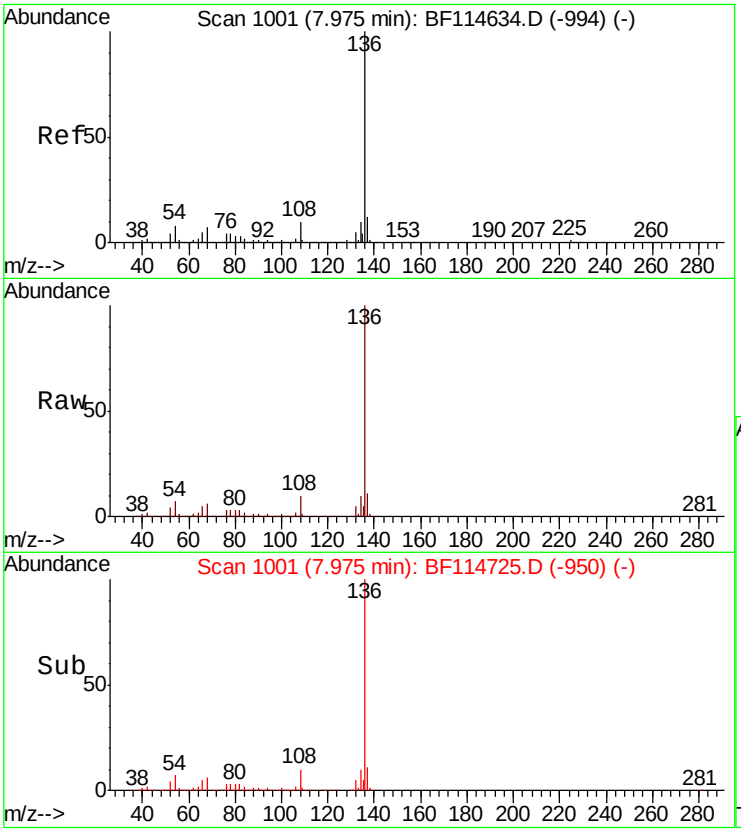


#19
n-Nitroso-di-n-propylamine
Concen: 14.704 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion: 70 Resp: 306622

Ion	Ratio	Lower	Upper
70	100		
42	43.6	44.4	66.6#
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#



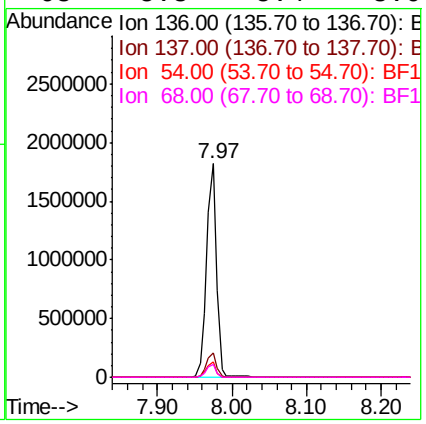


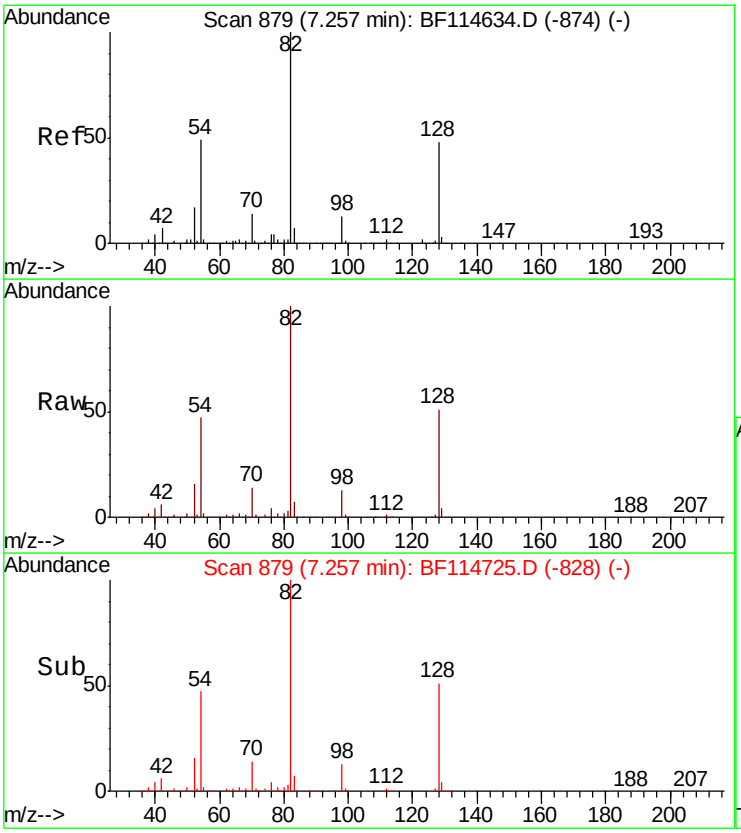
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:136 Resp: 1689986

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.9	6.3	9.5
68	5.8	5.4	8.0

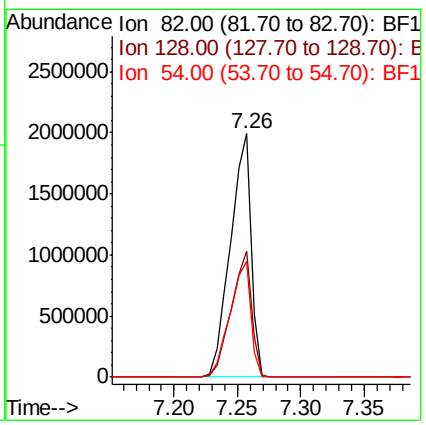


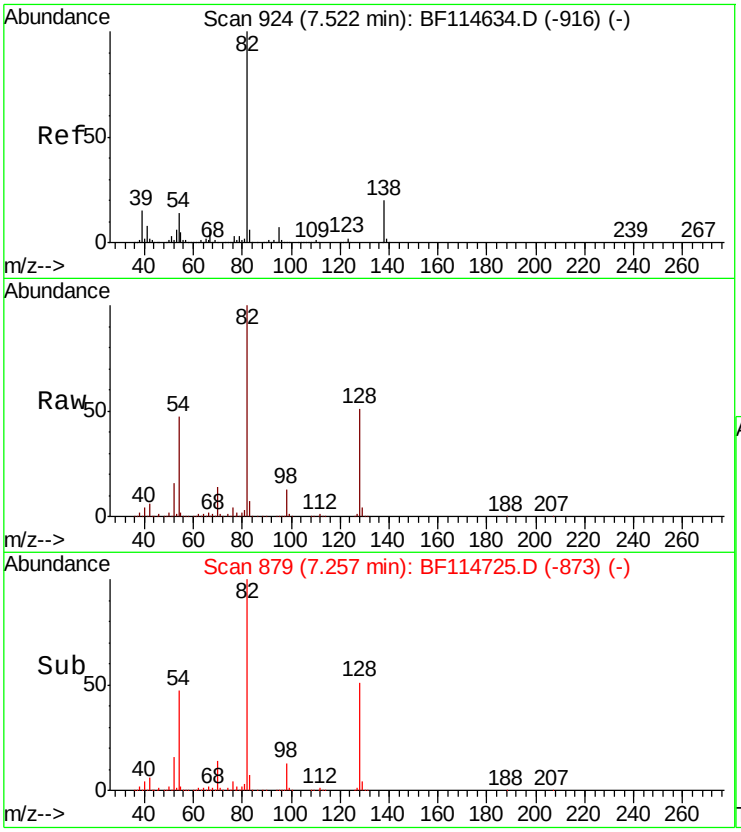


#23
Nitrobenzene-d5
Concen: 82.474 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion: 82 Resp: 2234052

Ion	Ratio	Lower	Upper
82	100		
128	51.4	38.5	57.7
54	47.3	39.1	58.7



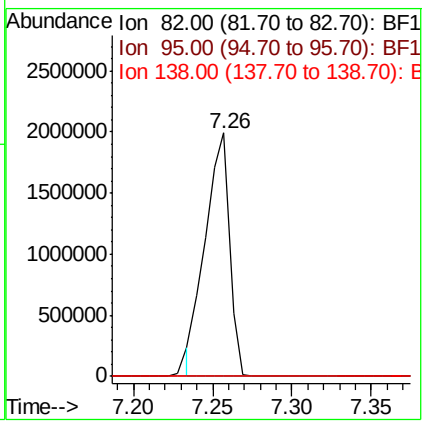


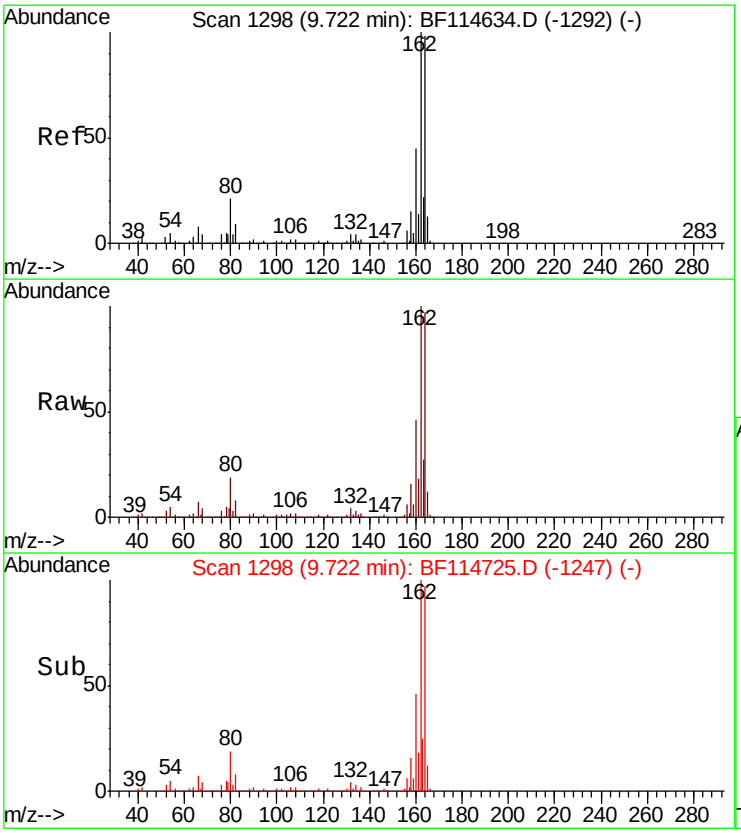
#25
Isophorone
Concen: 39.244 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion: 82 Resp: 2133376

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

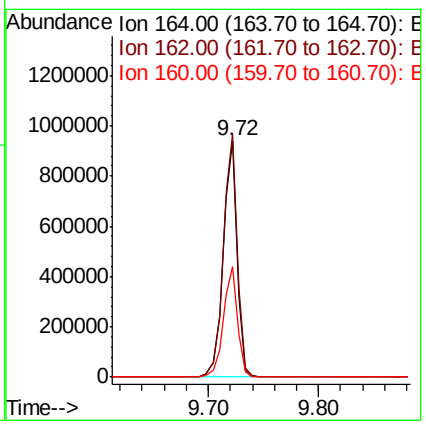


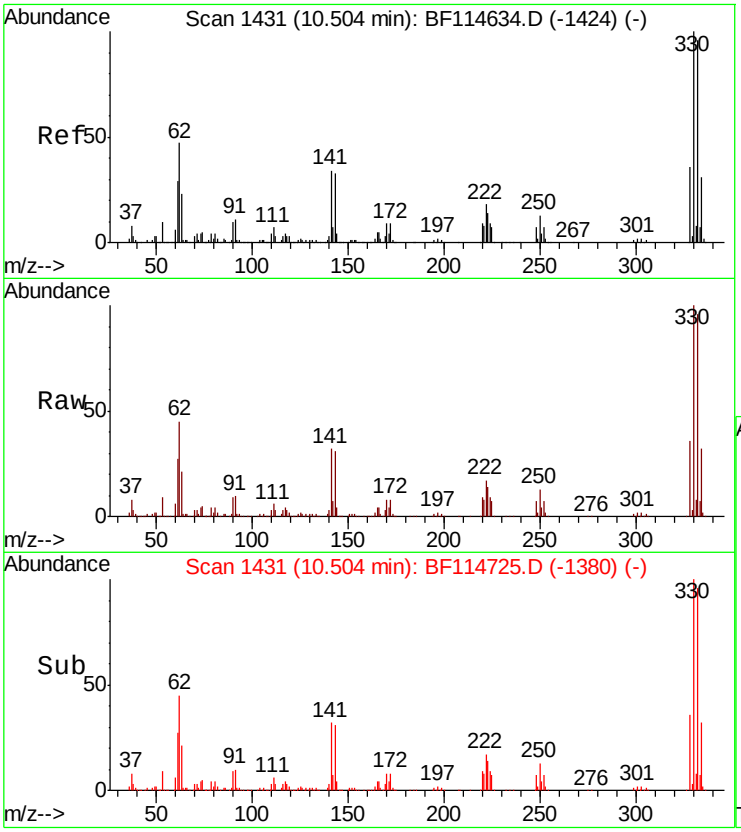


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion:164 Resp: 820849

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.2
160	46.9	36.6	54.8



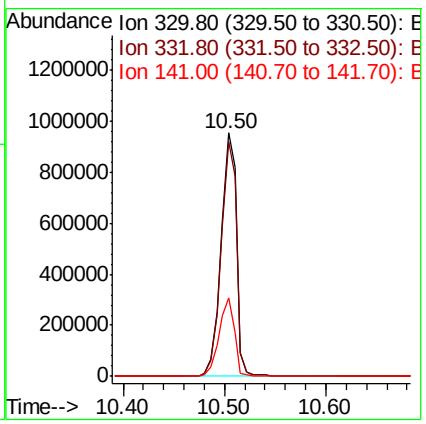


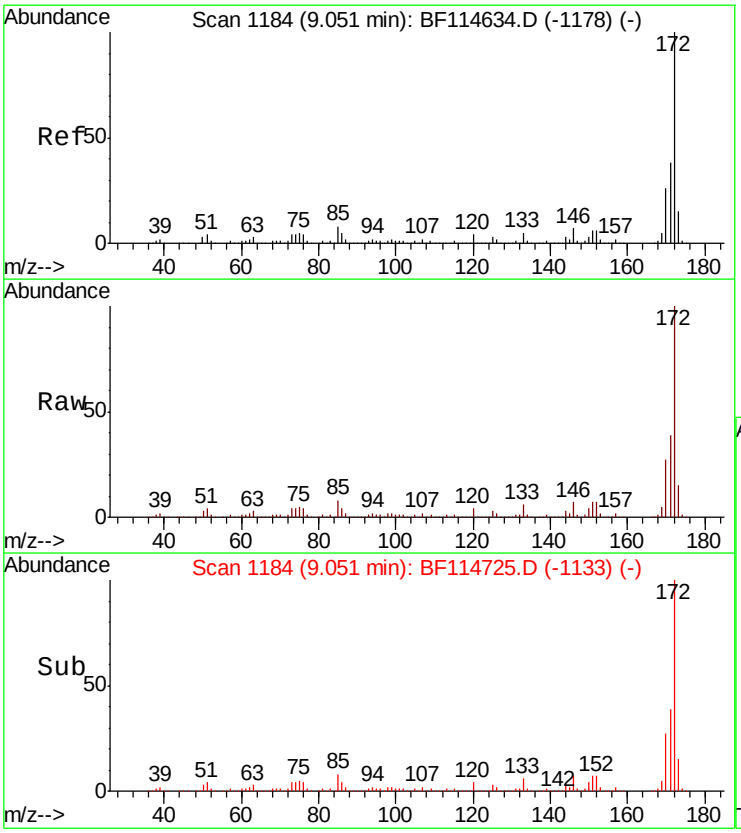
#42
2,4,6-Tribromophenol
Concen: 129.596 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:330 Resp: 1013621

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.8	113.8
141	31.9	27.8	41.8

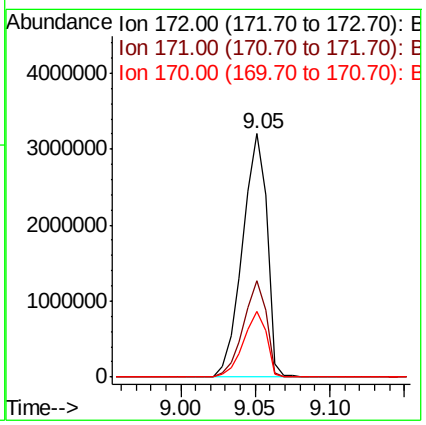


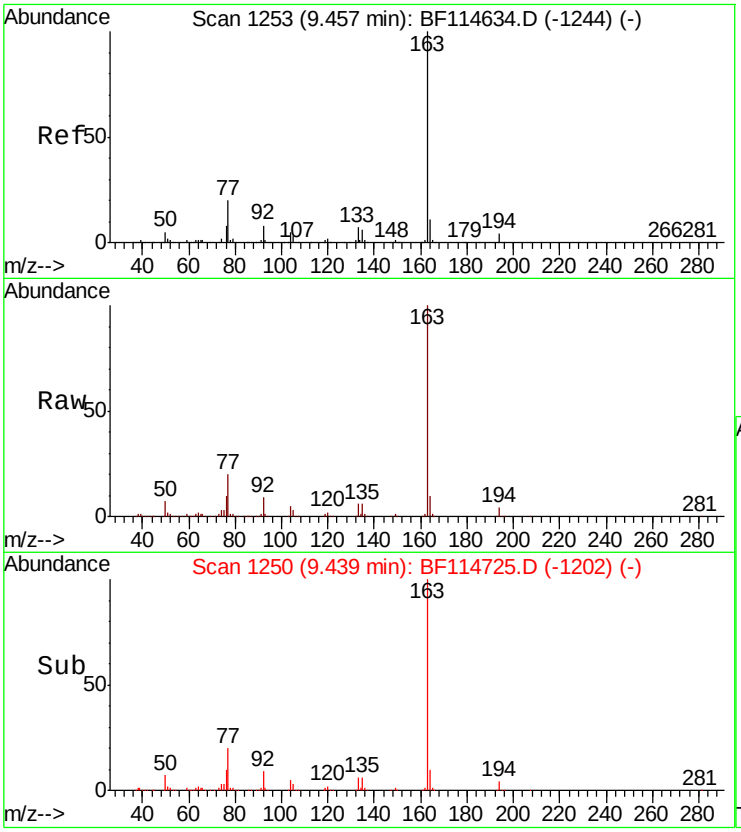


#45
2-Fluorobiphenyl
Concen: 82.757 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion:172 Resp: 3634718

Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.6	45.8
170	27.1	20.7	31.1



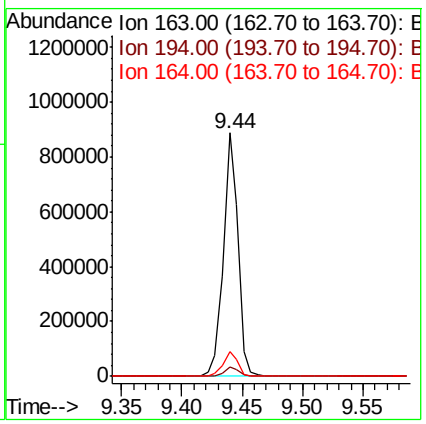


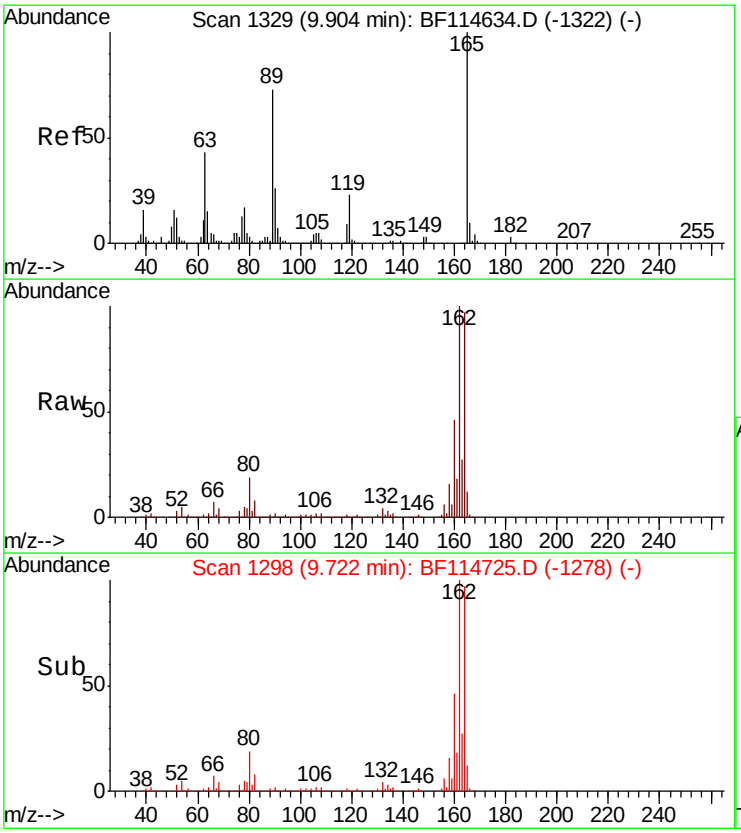
#50
Dimethylphthalate
Concen: 12.960 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:163 Resp: 741275

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

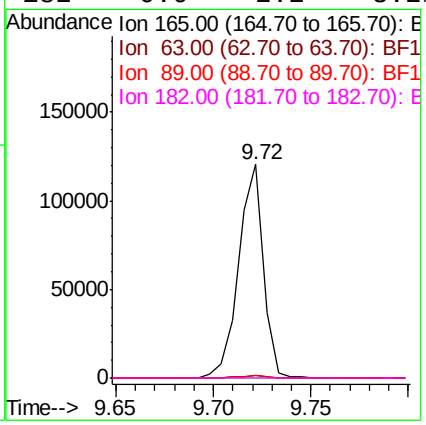


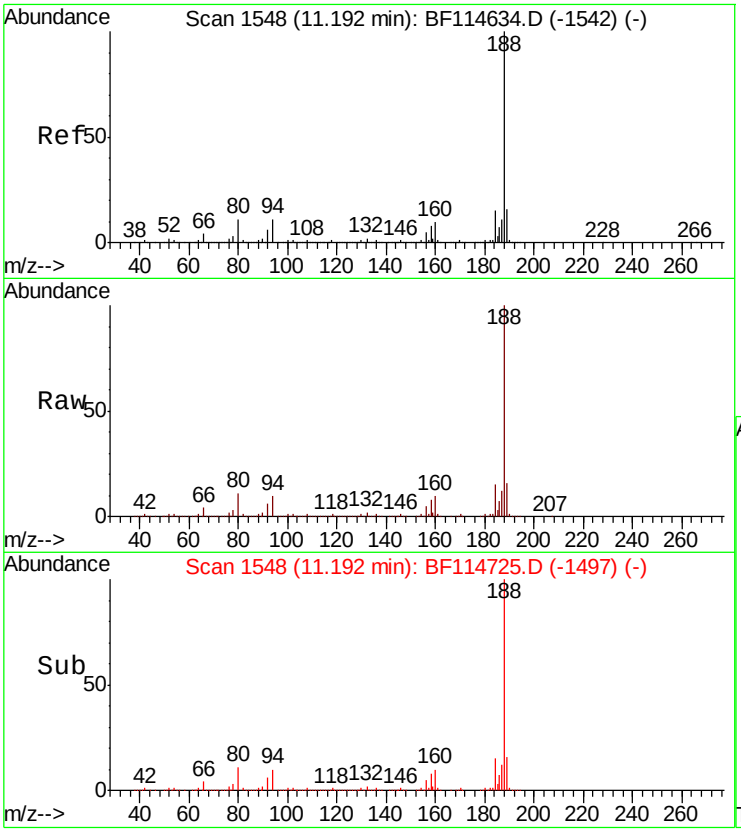


#57
2,4-Dinitrotoluene
Concen: 6.178 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion:165 Resp: 105380

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.8	52.2#
89	1.4	58.5	87.7#
182	0.0	2.2	3.2#



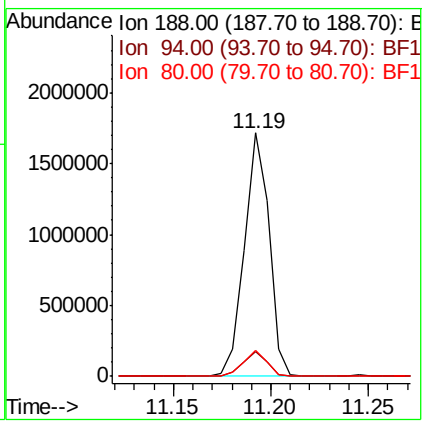


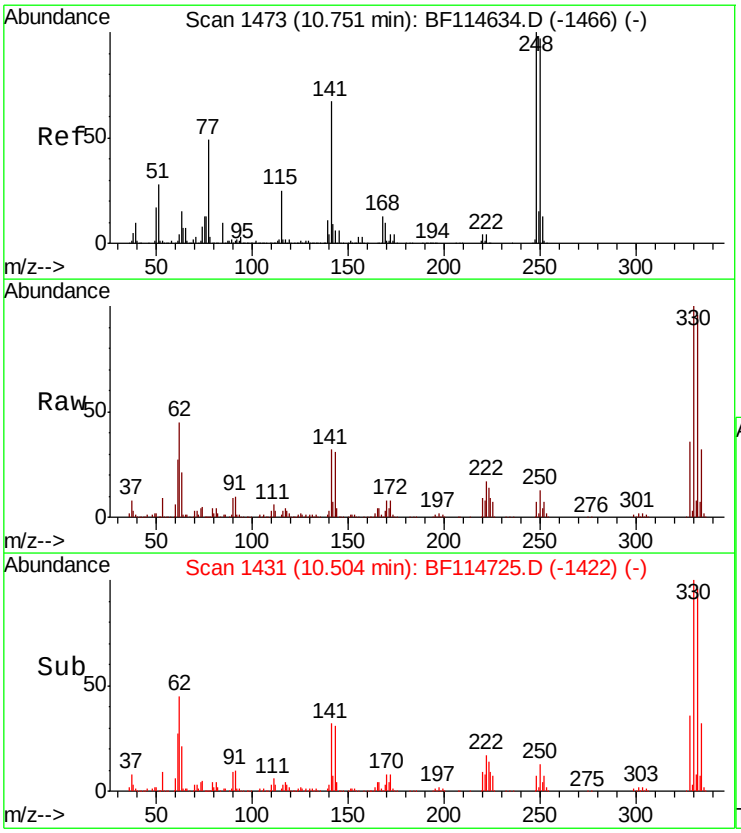
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:188 Resp: 1509950

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	10.8	9.0	13.6

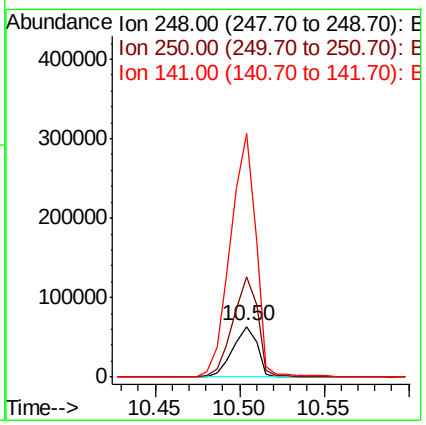


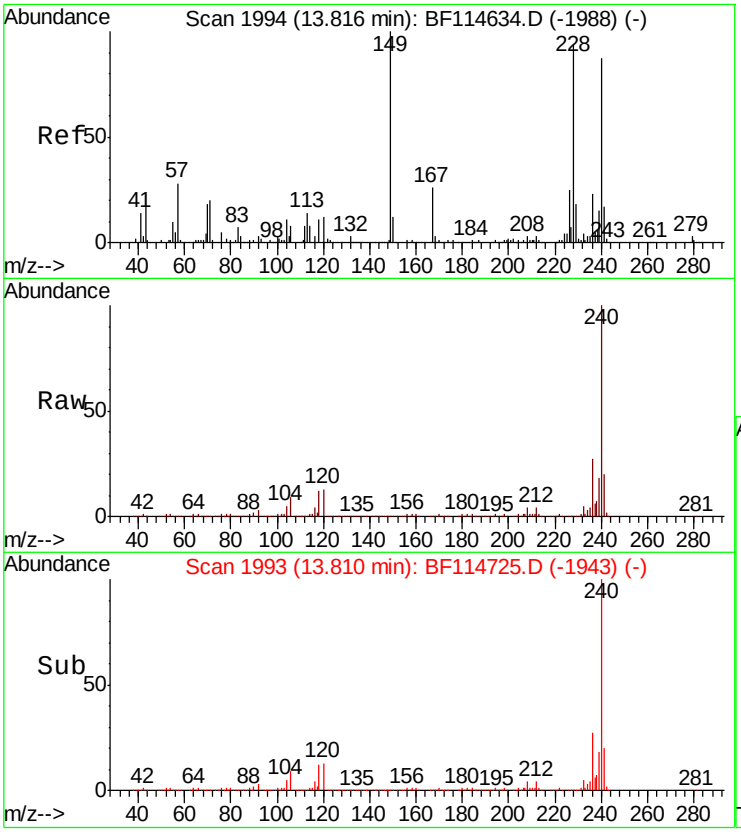


#67
4-Bromophenyl-phenylether
Concen: 4.007 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion:248 Resp: 64890

Ion	Ratio	Lower	Upper
248	100		
250	197.6	78.0	117.0#
141	480.2	53.8	80.8#



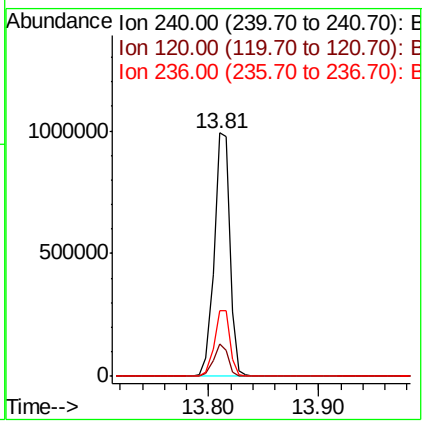


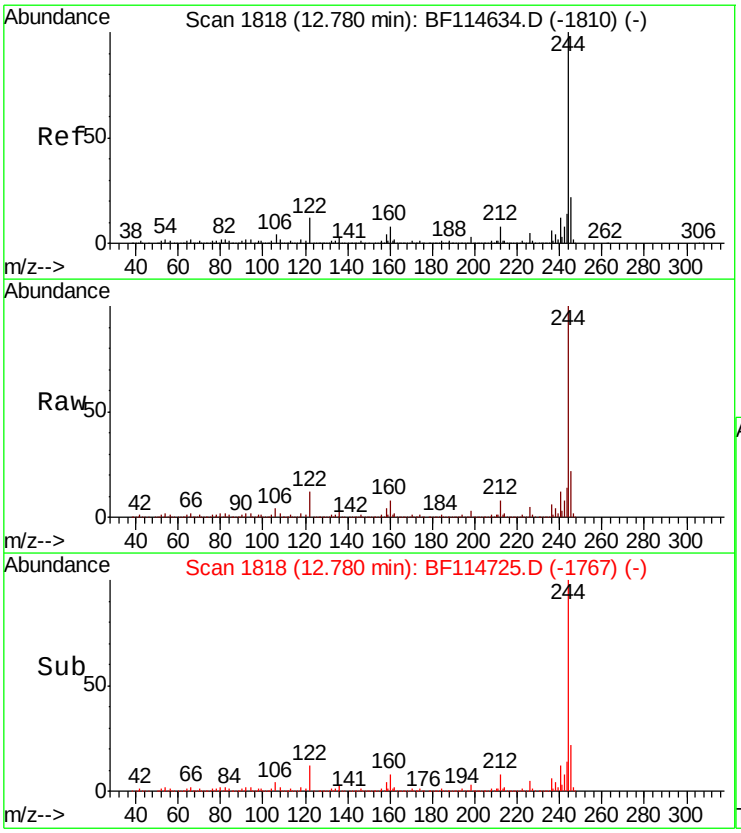
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:240 Resp: 977376

Ion	Ratio	Lower	Upper
240	100		
120	13.1	11.2	16.8
236	26.8	21.2	31.8

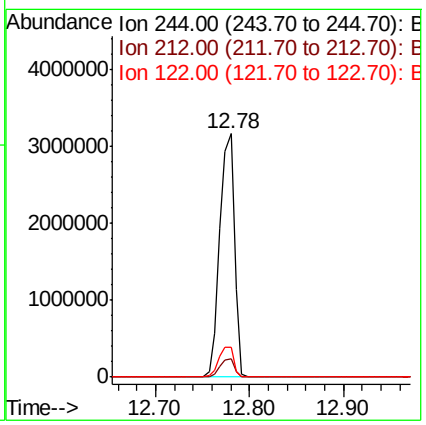


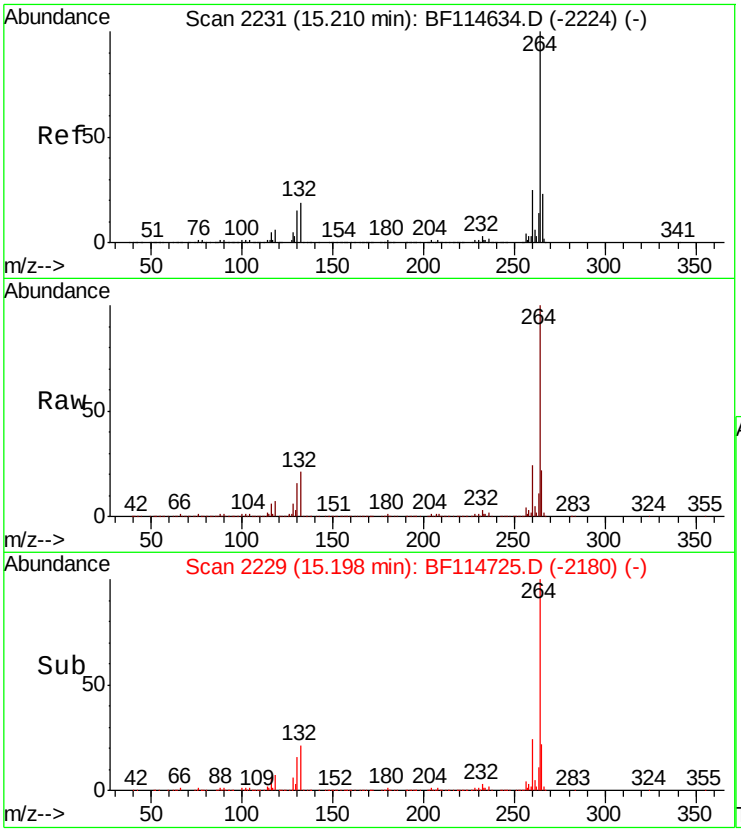


#79
Terphenyl-d14
Concen: 67.133 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion:244 Resp: 3489844

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	12.4	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: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:264 Resp: 874114

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.2	18.1	27.1