Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120297.D
Acq On : 14 May 2020 18:15
Operator : MA/SJ
Sample : L2641-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 15 02:34:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	370335	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1450043	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	750387	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1472116	20.00	ng		0.00
76) Chrysene-d12	13.78	240	1044004	20.00	ng		0.00
87) Perylene-d12	15.17	264	854745	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2017751	106.01	ng		0.01
7) Phenol-d6	6.29	99	2332521	96.91	ng		0.00
23) Nitrobenzene-d5	7.20	82	1884767	88.99	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	771205	126.05	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	3296452	90.25	ng		0.00
79) Terphenyl-d14	12.74	244	3474751	73.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.30	94	233414	8.307	ng	#	71
15) Benzyl Alcohol	6.79	79	974878	57.011	ng		97
17) 2-Methylphenol	6.79	107	538588	28.749	ng	#	26
20) 3+4-Methylphenols	7.05	107	706110	28.989	ng		85
25) Isophorone	7.20	82	1836972	41.686	ng	#	65
32) Benzoic acid	7.90	122	3961714	348.545	ng		98
50) Dimethylphthalate	9.39	163	486311	10.252	ng		98
57) 2,4-Dinitrotoluene	9.66	165	96684	7.785	ng	#	16
67) 4-Bromophenyl-phenylether	10.45	248	46928	3.285	ng	#	1
77) Benzidine	12.34	184	94801	3.110	ng	#	85

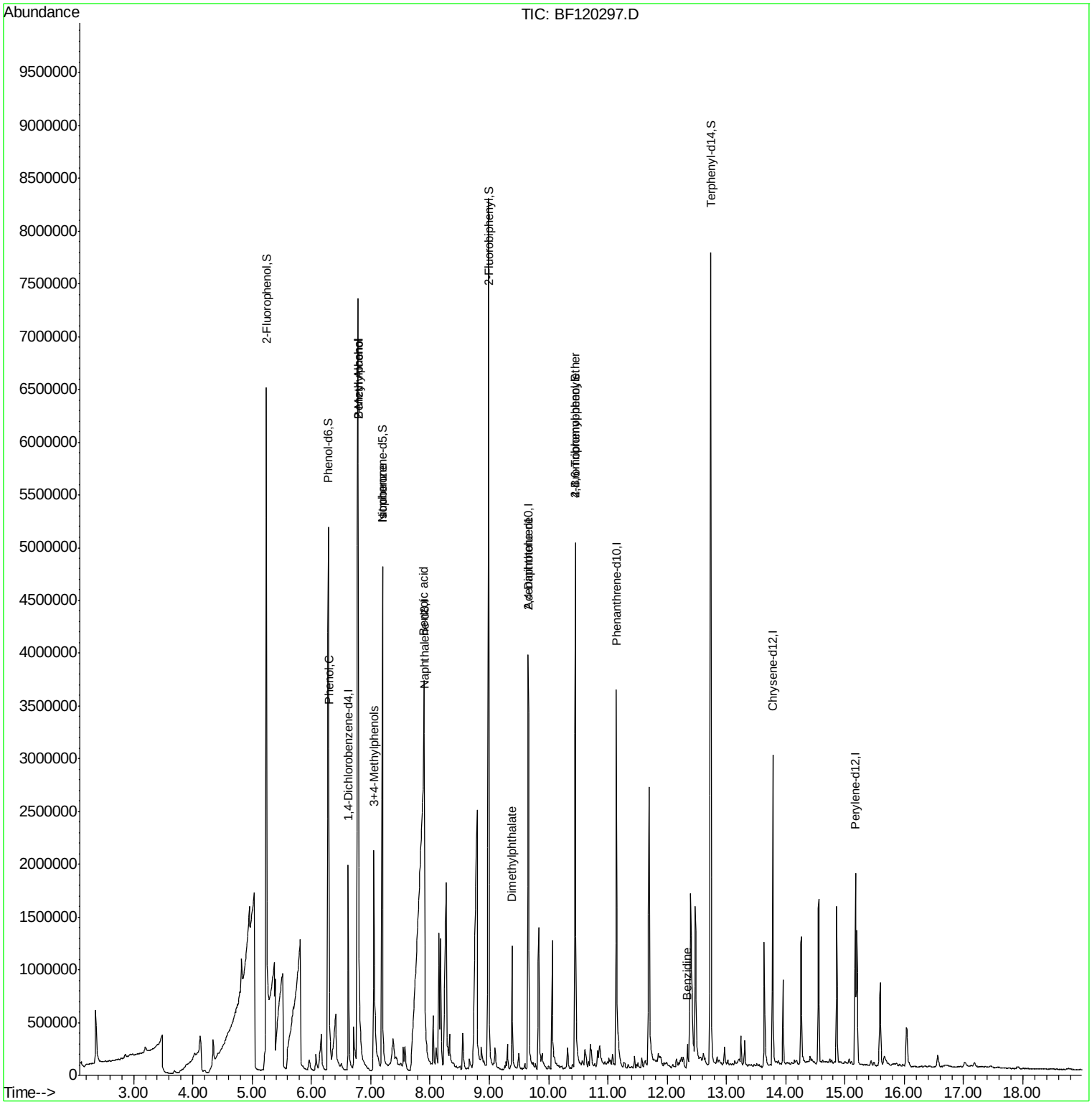
(#) = qualifier out of range (m) = manual integration (+) = signals summed

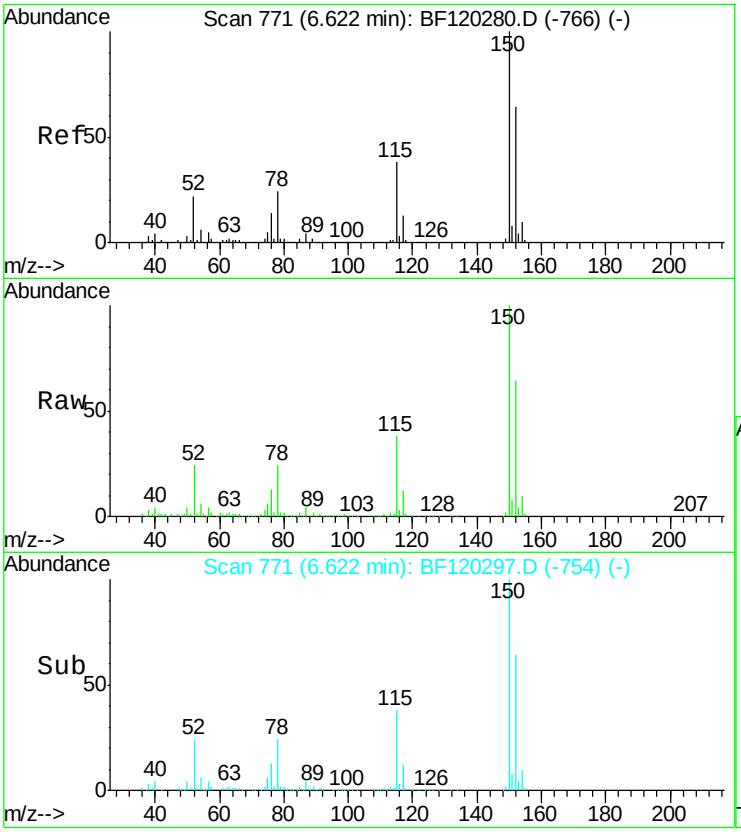
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120297.D
Acq On : 14 May 2020 18:15
Operator : MA/SJ
Sample : L2641-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 15 02:34:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration



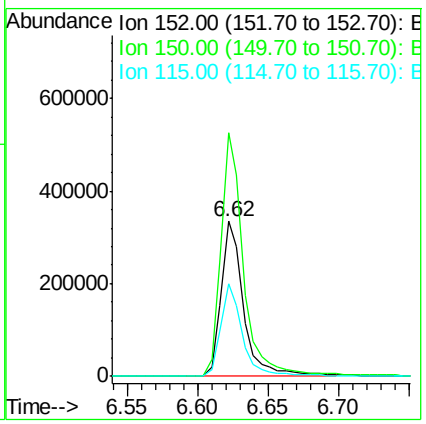


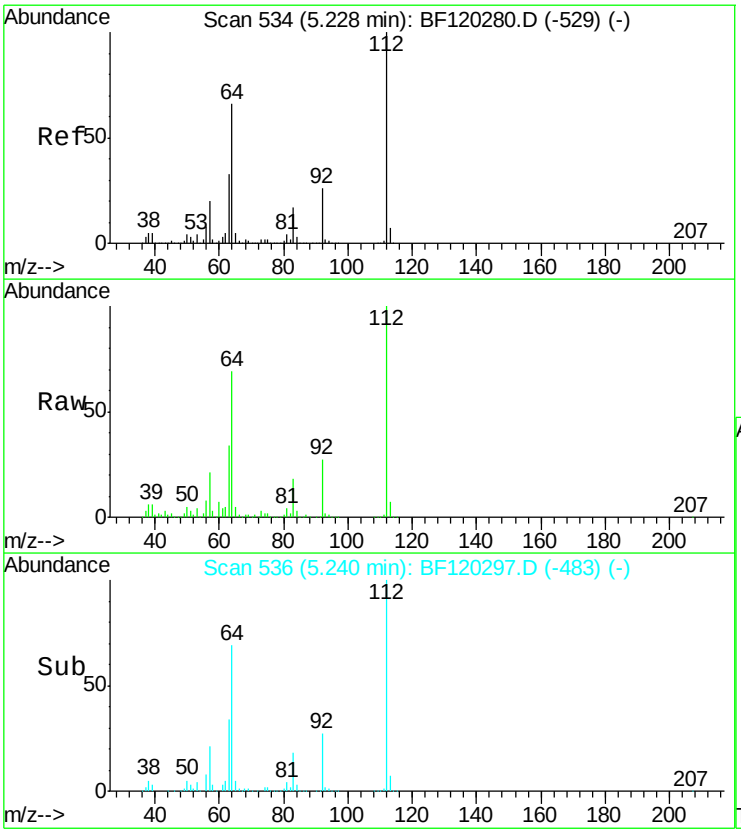
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 370335

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	59.8	47.9	71.9

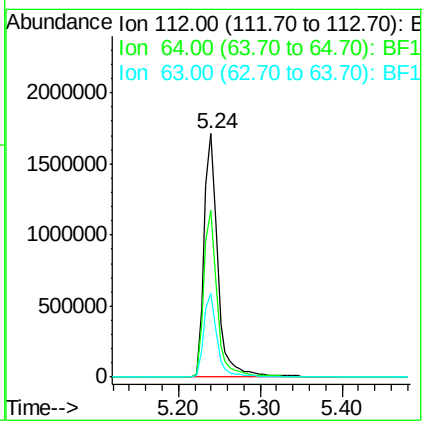


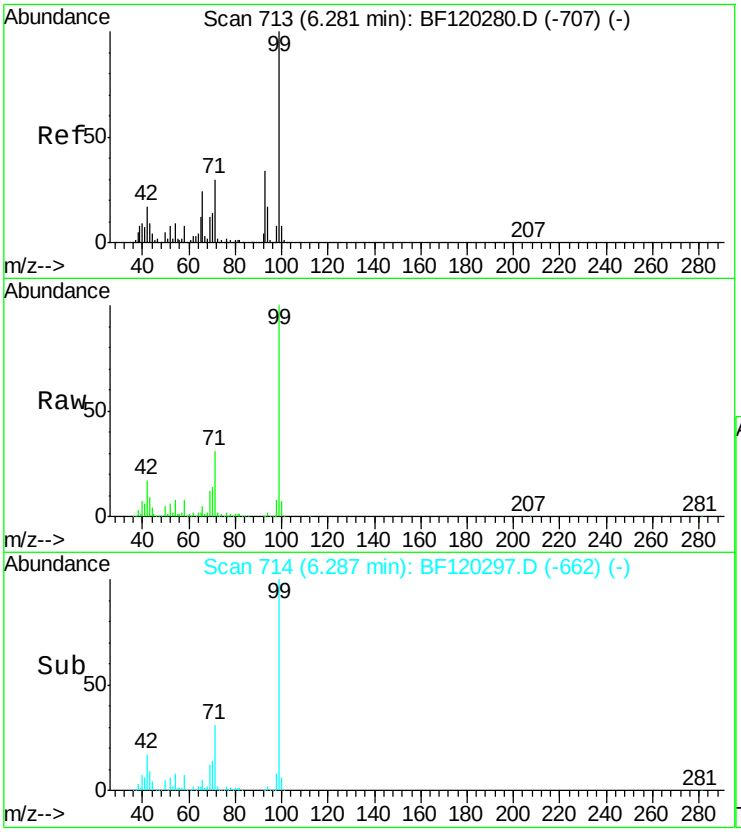


#5
2-Fluorophenol
Concen: 106.011 ng
RT: 5.24 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion:112 Resp: 2017751

Ion	Ratio	Lower	Upper
112	100		
64	68.5	52.7	79.1
63	34.4	26.2	39.4



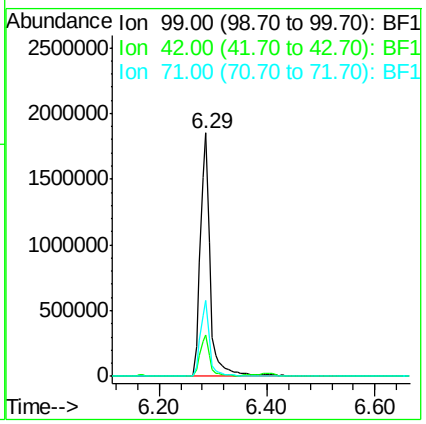


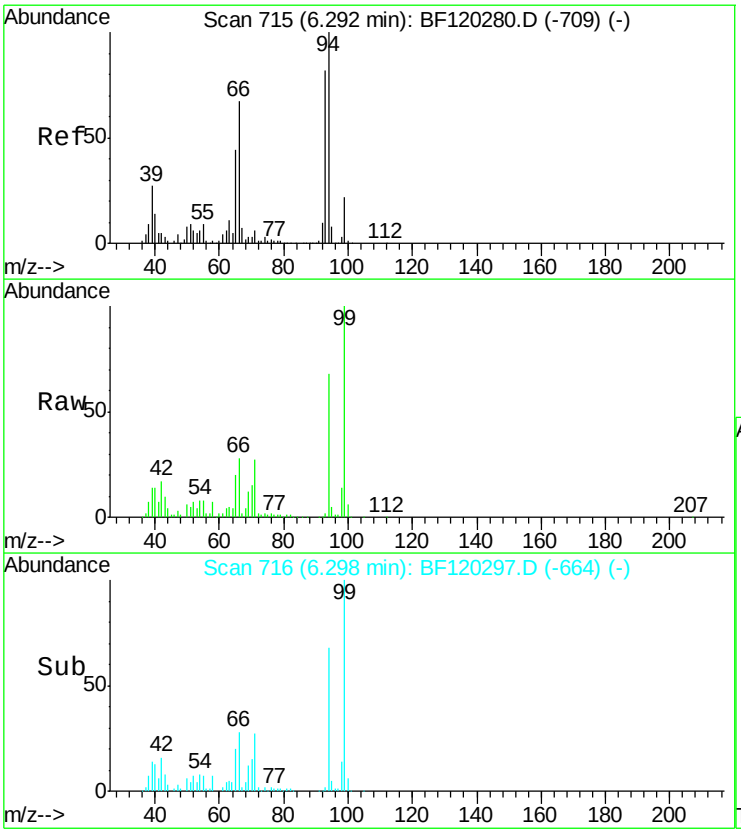
#7
Phenol-d6
Concen: 96.907 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2332521

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	31.1	24.2	36.4

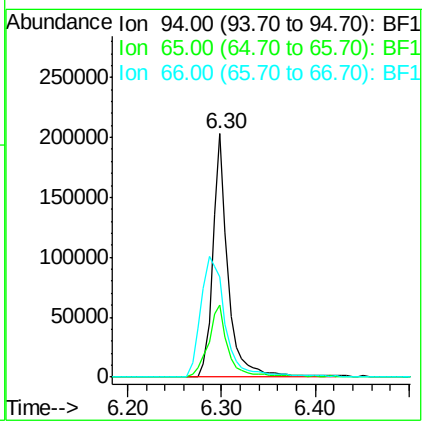


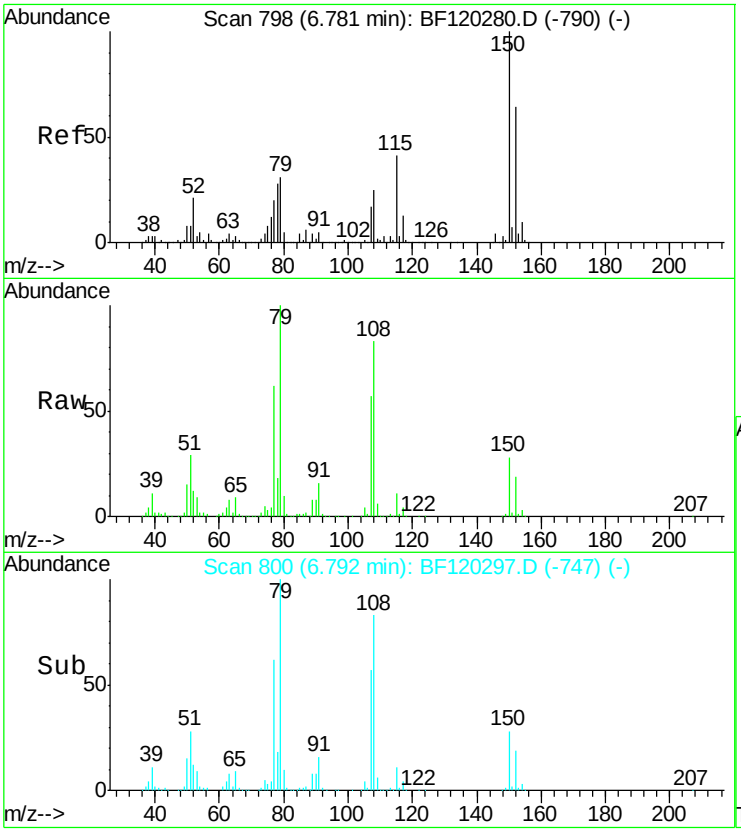


#10
Phenol
Concen: 8.307 ng
RT: 6.30 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion: 94 Resp: 233414

Ion	Ratio	Lower	Upper
94	100		
65	29.9	24.1	64.1
66	40.9	47.5	87.5#



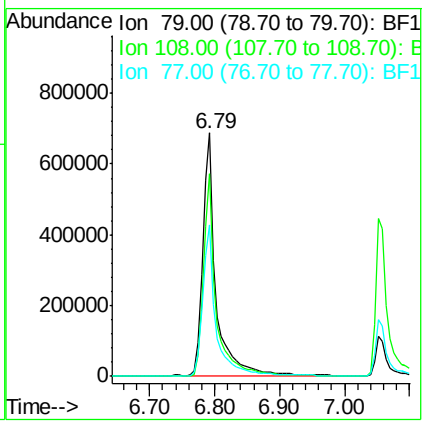


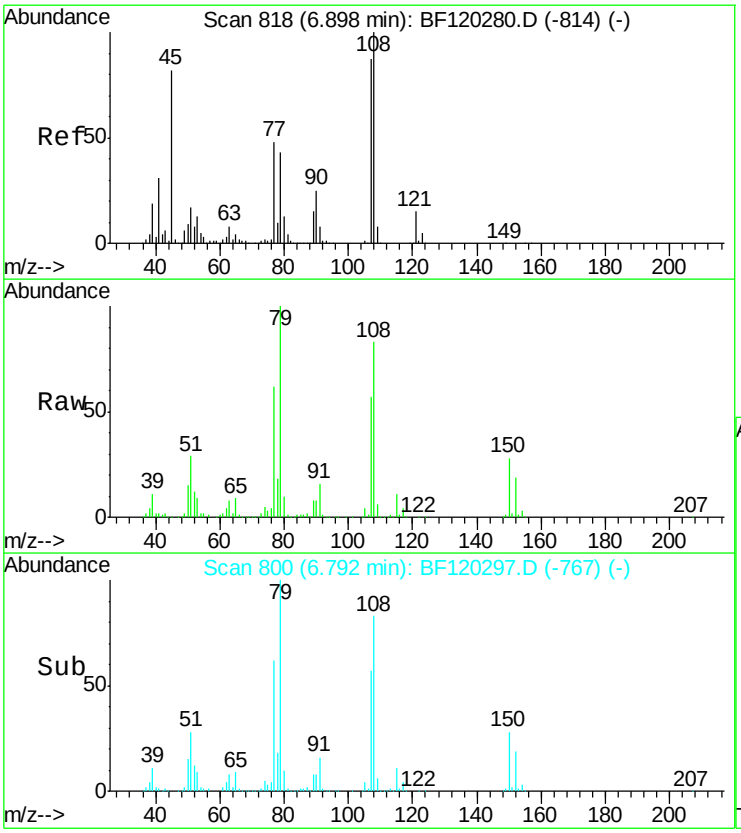
#15
Benzyl Alcohol
Concen: 57.011 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 974878

Ion	Ratio	Lower	Upper
79	100		
108	83.4	64.2	96.4
77	62.3	51.6	77.4

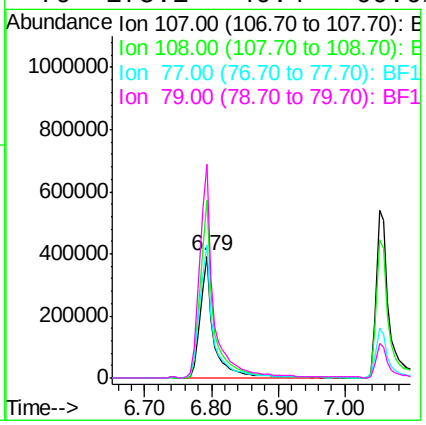


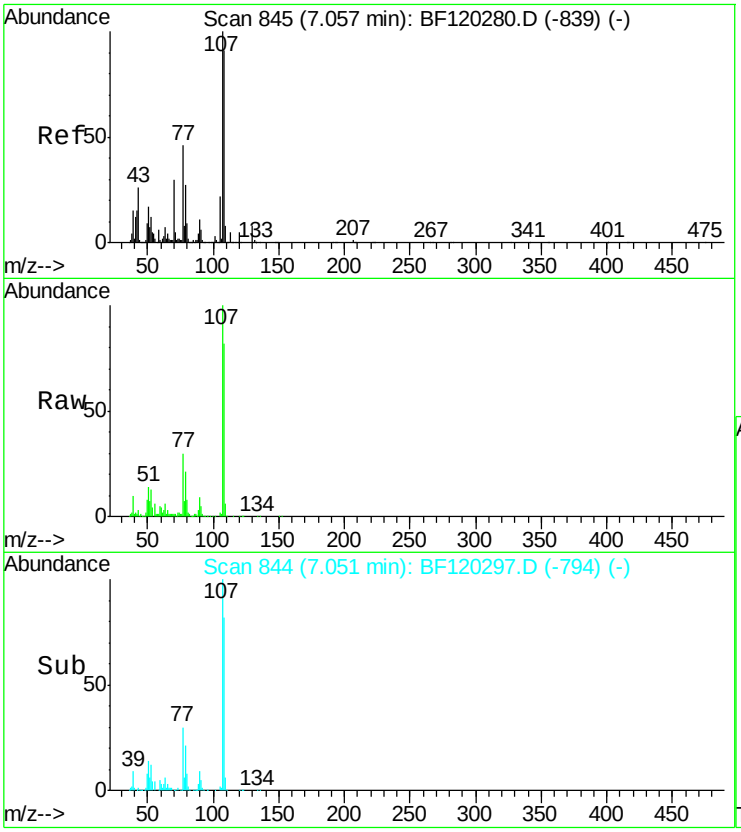


#17
2-Methylphenol
Concen: 28.749 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.11 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion:107 Resp: 538588

Ion	Ratio	Lower	Upper
107	100		
108	146.1	92.4	138.6#
77	109.2	44.5	66.7#
79	175.1	40.4	60.6#



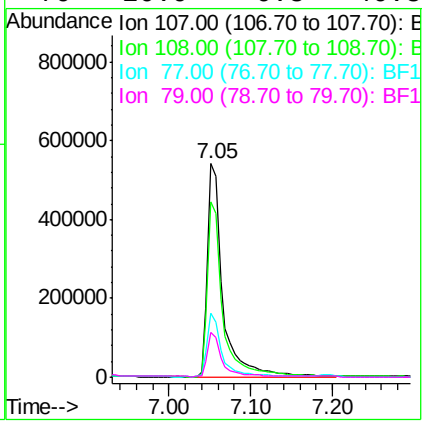


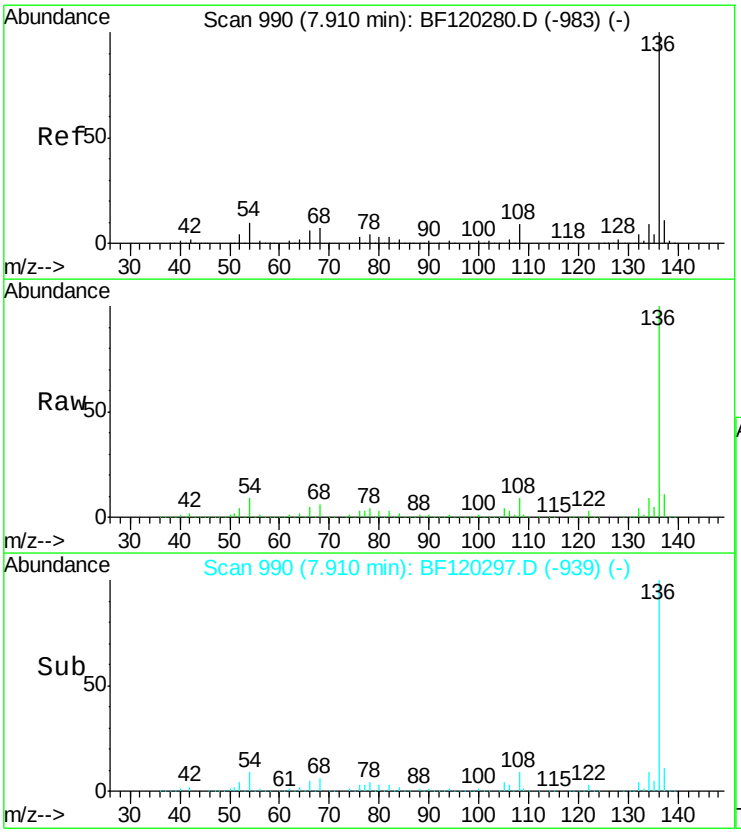
#20
3+4-Methylphenols
Concen: 28.989 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 706110

Ion	Ratio	Lower	Upper
107	100		
108	82.2	71.1	111.1
77	29.7	28.1	68.1
79	20.9	6.8	46.8

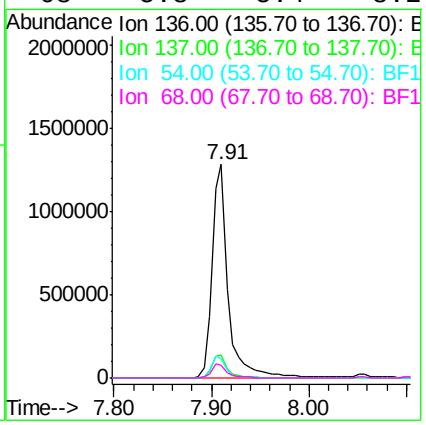


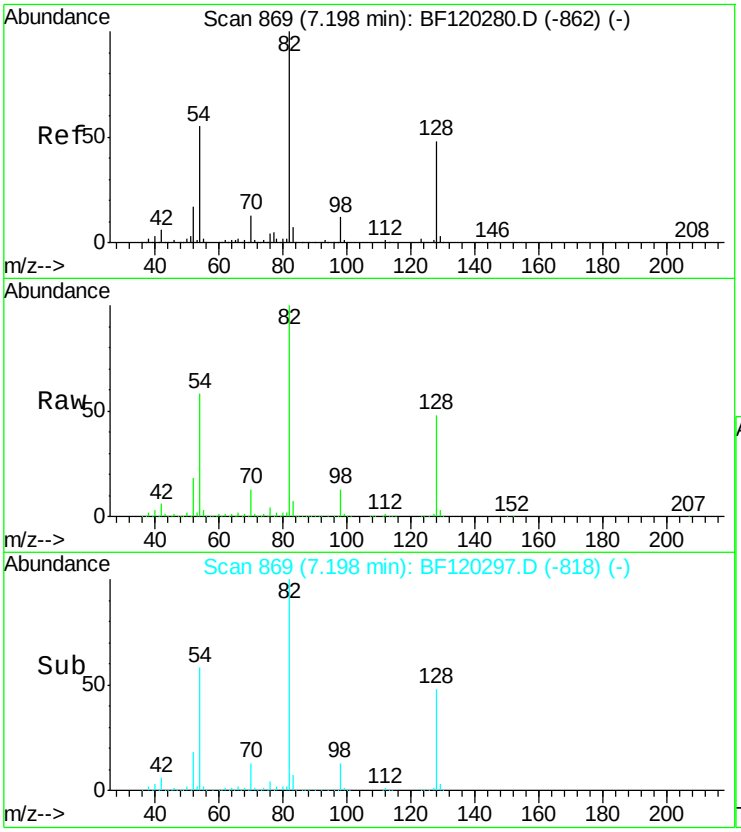


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion:136 Resp: 1450043

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.2	7.9	11.9
68	5.8	5.4	8.2



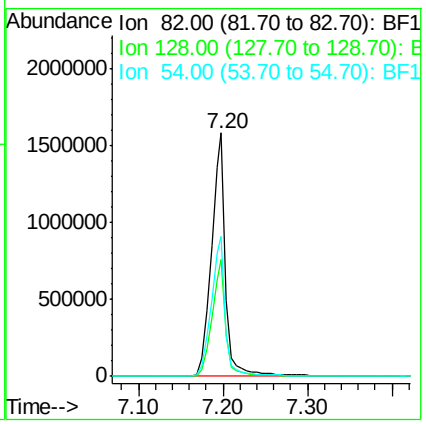


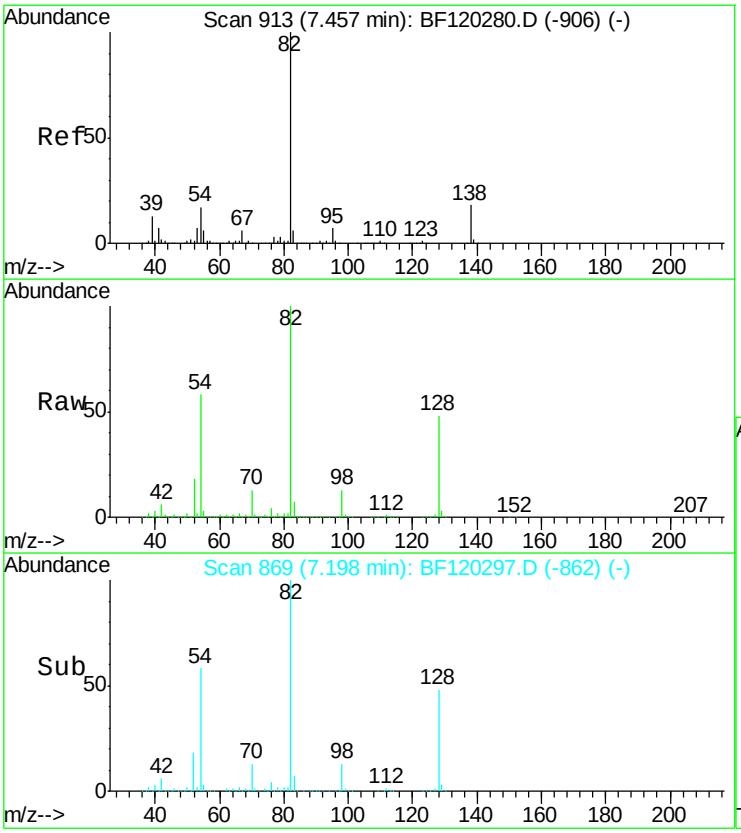
#23
Nitrobenzene-d5
Concen: 88.993 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1884767

Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.3	57.5
54	57.5	43.9	65.9

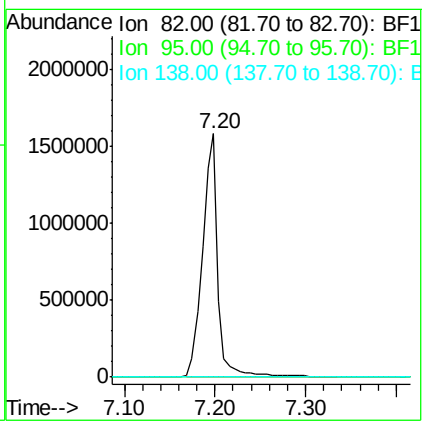


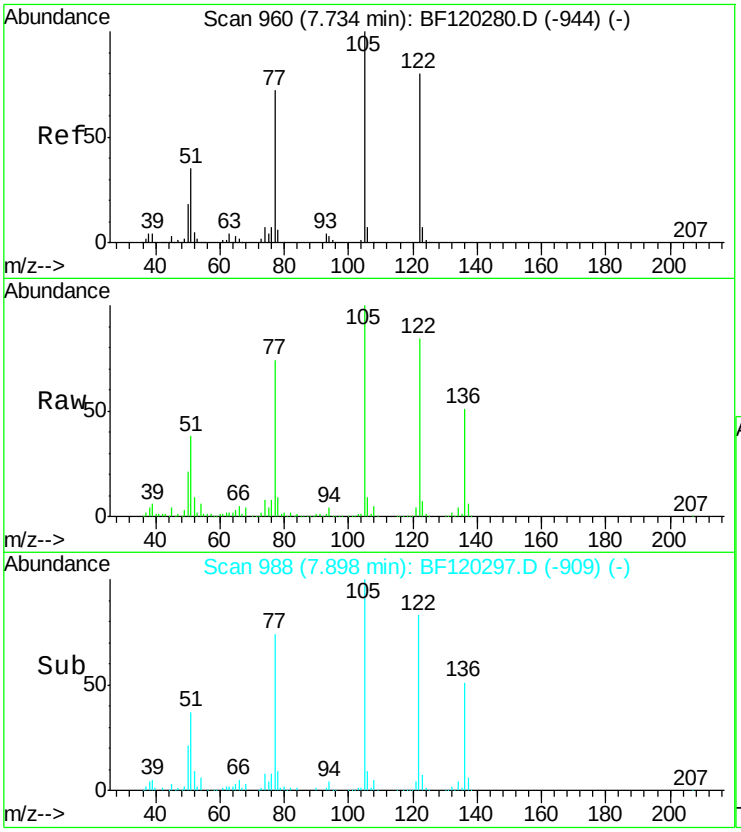


#25
Isophorone
Concen: 41.686 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.26 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion: 82 Resp: 1836972

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.7	22.1#



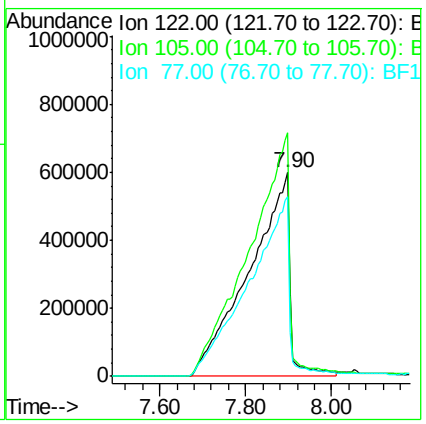


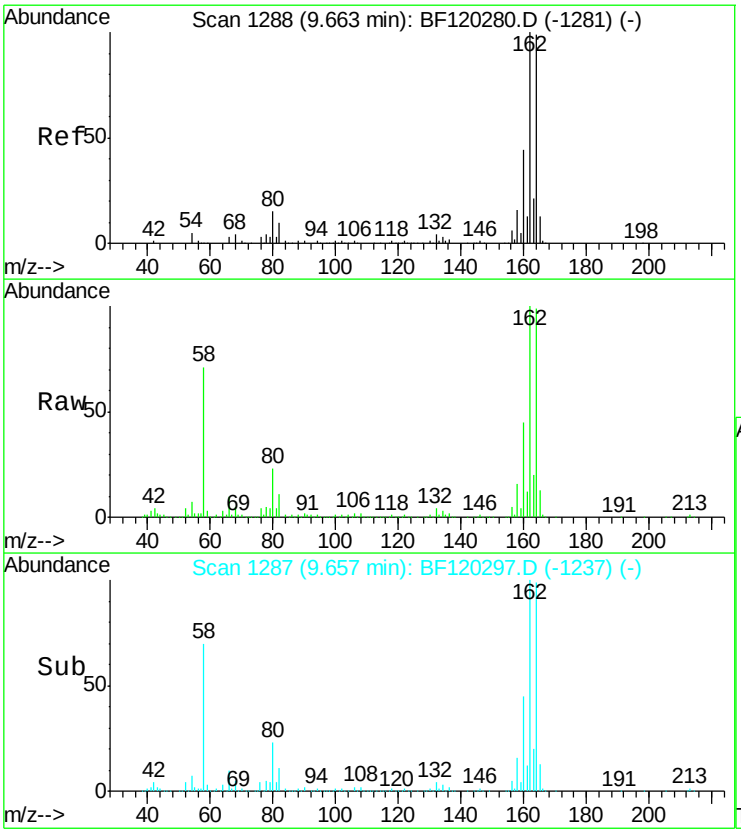
#32
Benzoic acid
Concen: 348.545 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.16 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 3961714

Ion	Ratio	Lower	Upper
122	100		
105	119.6	98.1	138.1
77	88.4	66.7	106.7

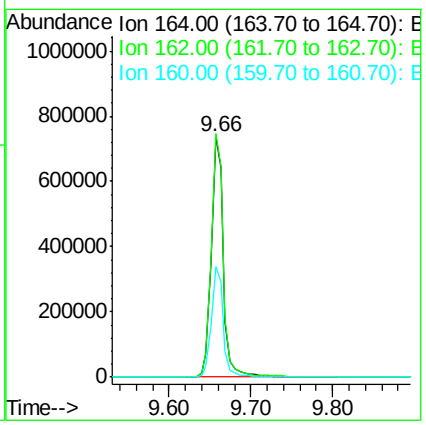


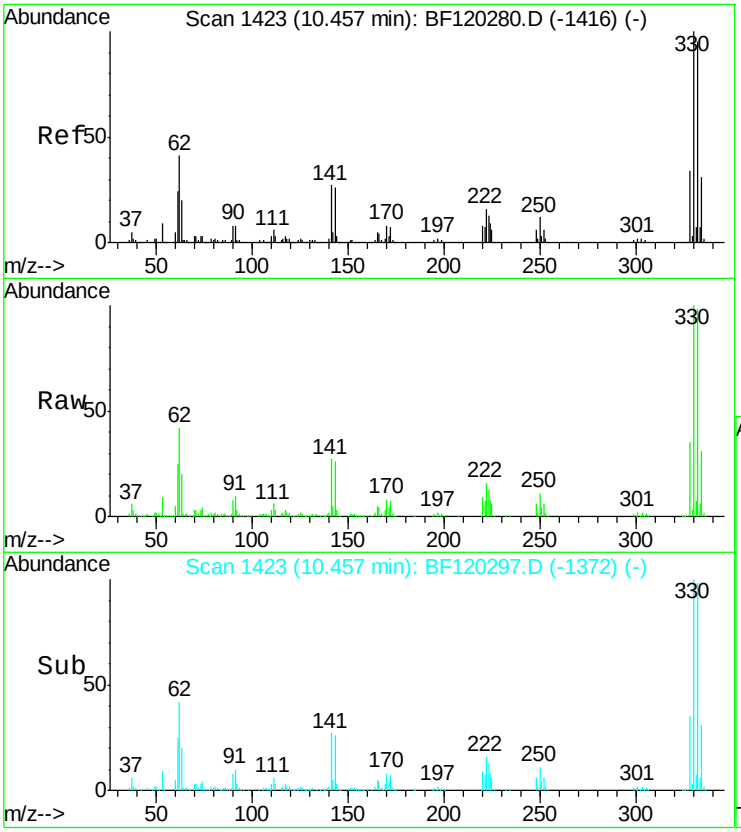


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion:164 Resp: 750387

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.2	121.8
160	46.0	35.8	53.6



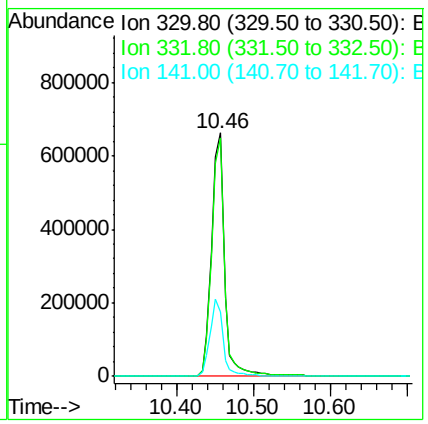


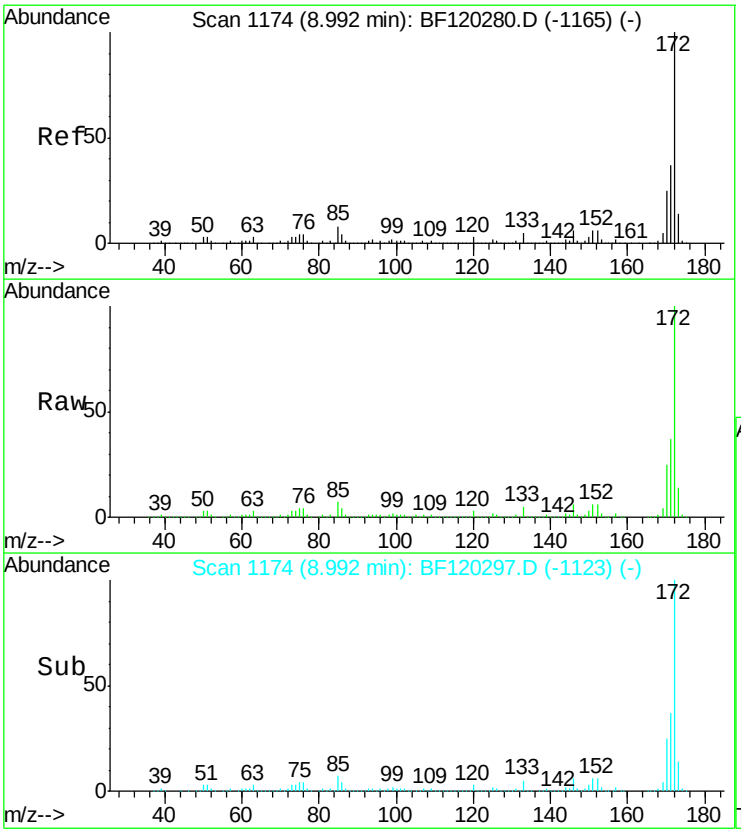
#42
2,4,6-Tribromophenol
Concen: 126.050 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 771205

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.5	114.7
141	32.6	25.4	38.0

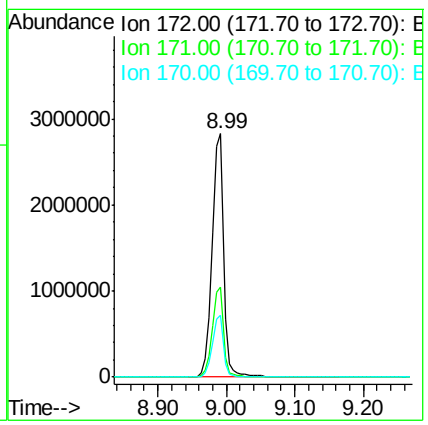


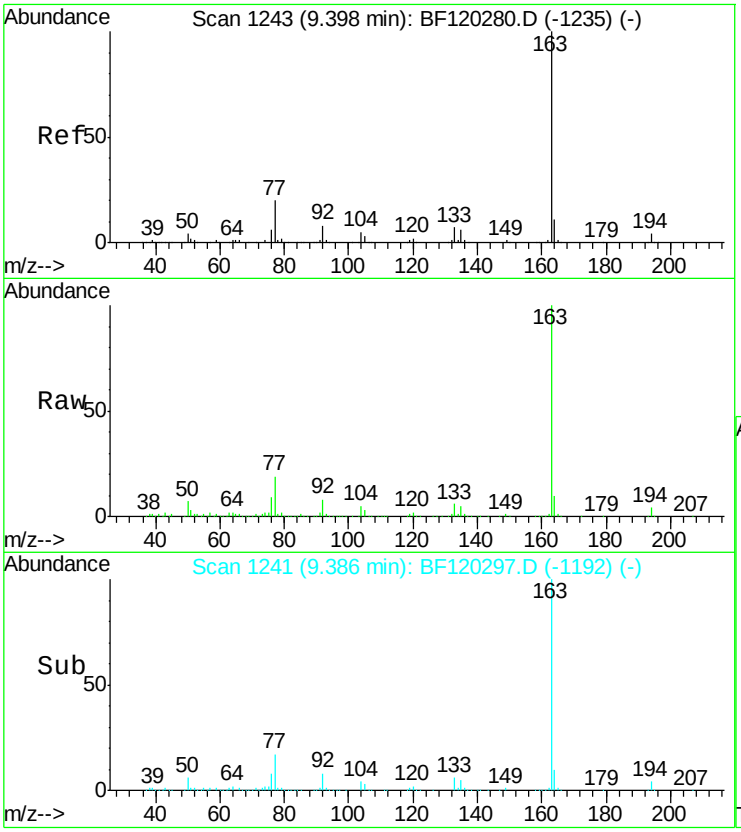


#45
2-Fluorobiphenyl
Concen: 90.253 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion:172 Resp: 3296452

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.3	19.9	29.9



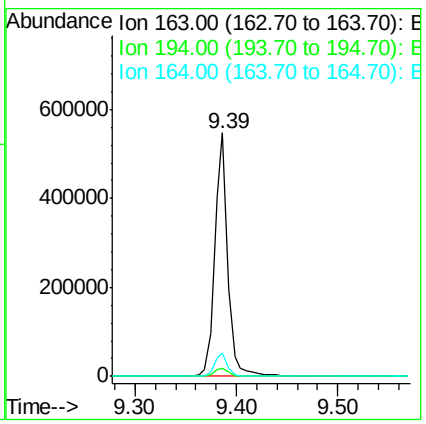


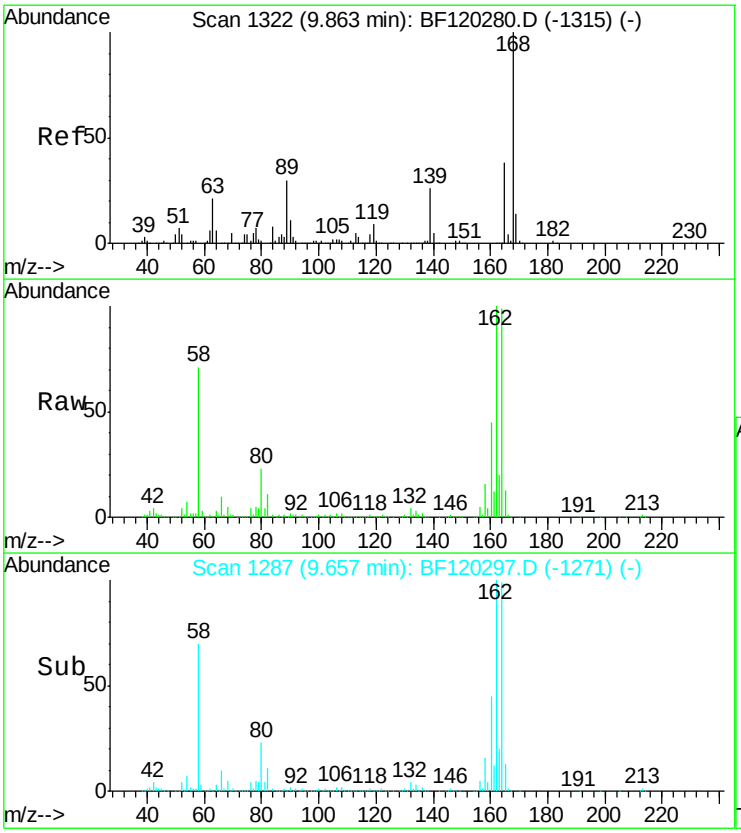
#50
Dimethylphthalate
Concen: 10.252 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 486311

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.8	8.6	12.8

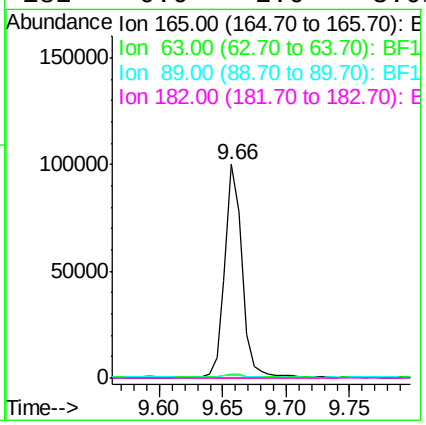


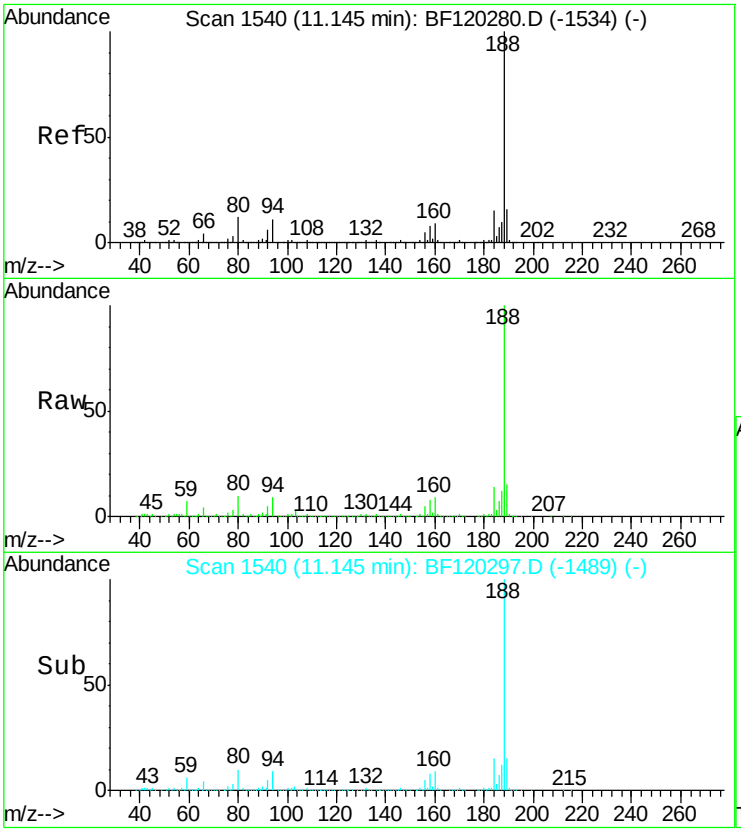


#57
2,4-Dinitrotoluene
Concen: 7.785 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.21 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion:165 Resp: 96684

Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.8#
89	1.4	64.2	96.4#
182	0.0	2.0	3.0#



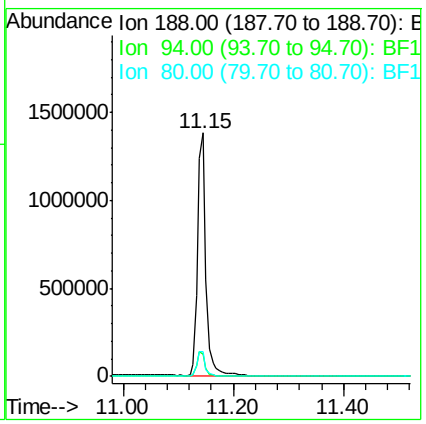


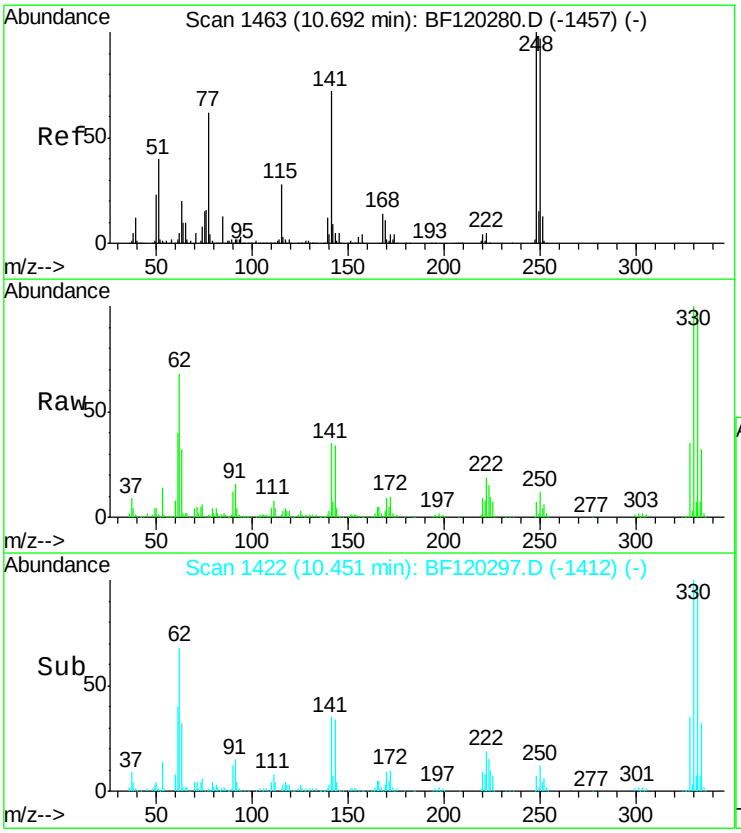
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1472116

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.6	13.0
80	10.0	9.2	13.8

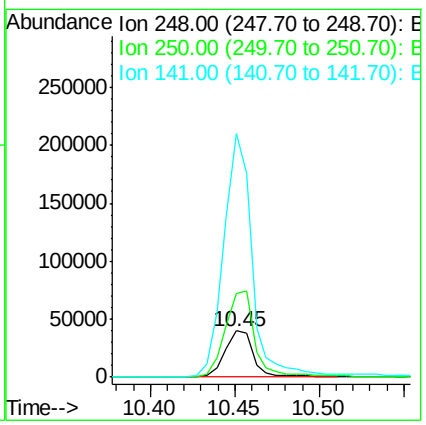


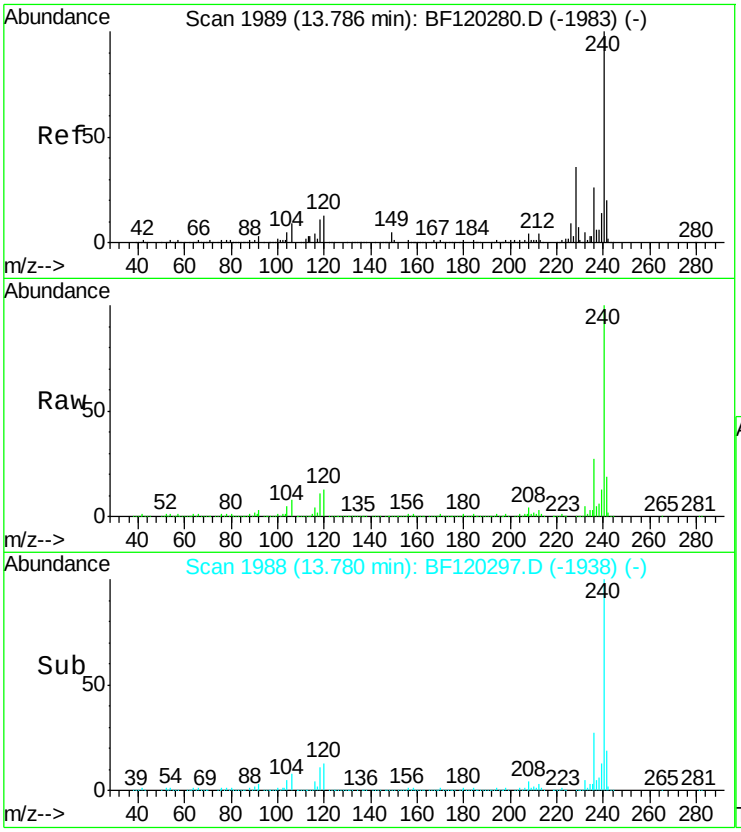


#67
4-Bromophenyl-phenylether
Concen: 3.285 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.24 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion:248 Resp: 46928

Ion	Ratio	Lower	Upper
248	100		
250	181.7	77.8	116.6#
141	529.1	57.7	86.5#



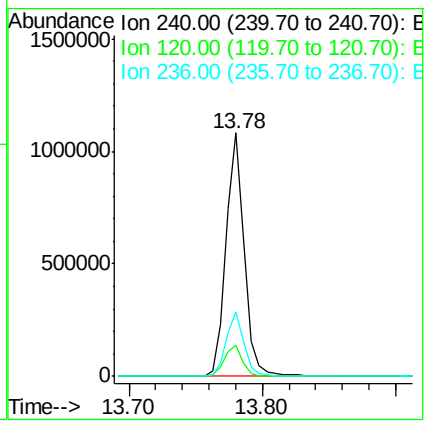


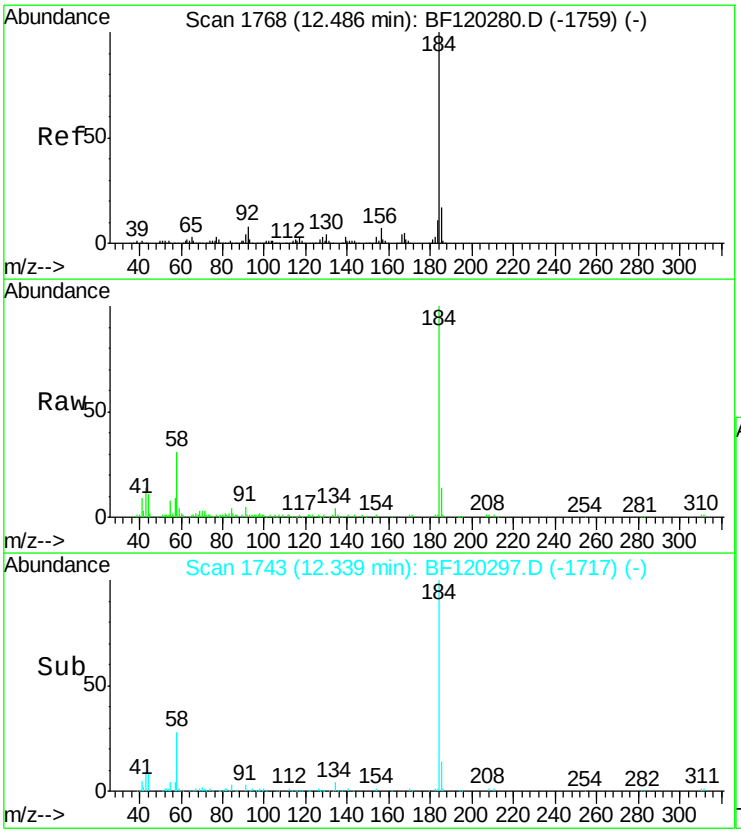
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 1044004

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.4	15.6
236	26.5	21.0	31.6

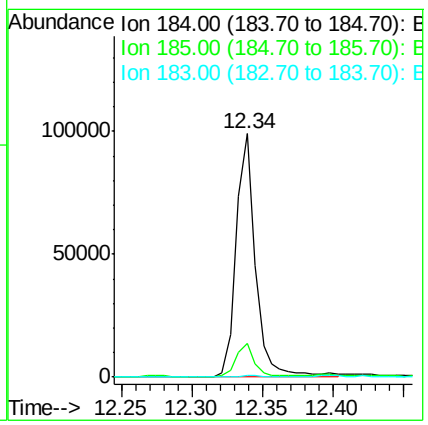


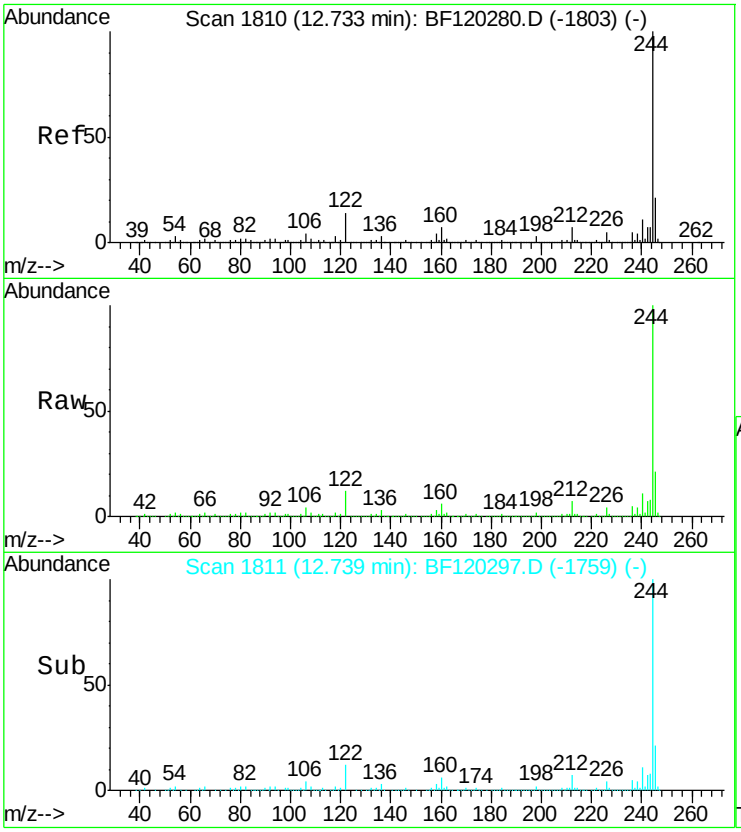


#77
Benzidine
Concen: 3.110 ng
RT: 12.34 min Scan# 1743
Delta R.T. -0.15 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion:184 Resp: 94801

Ion	Ratio	Lower	Upper
184	100		
185	13.8	13.7	20.5
183	0.7	8.7	13.1#



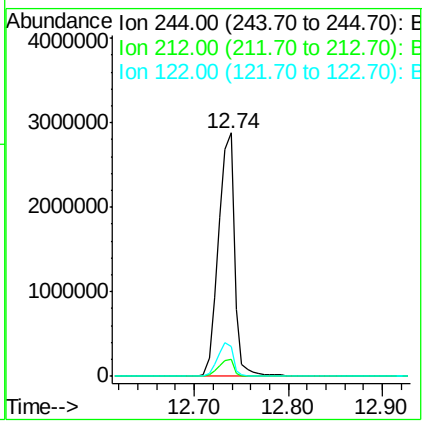


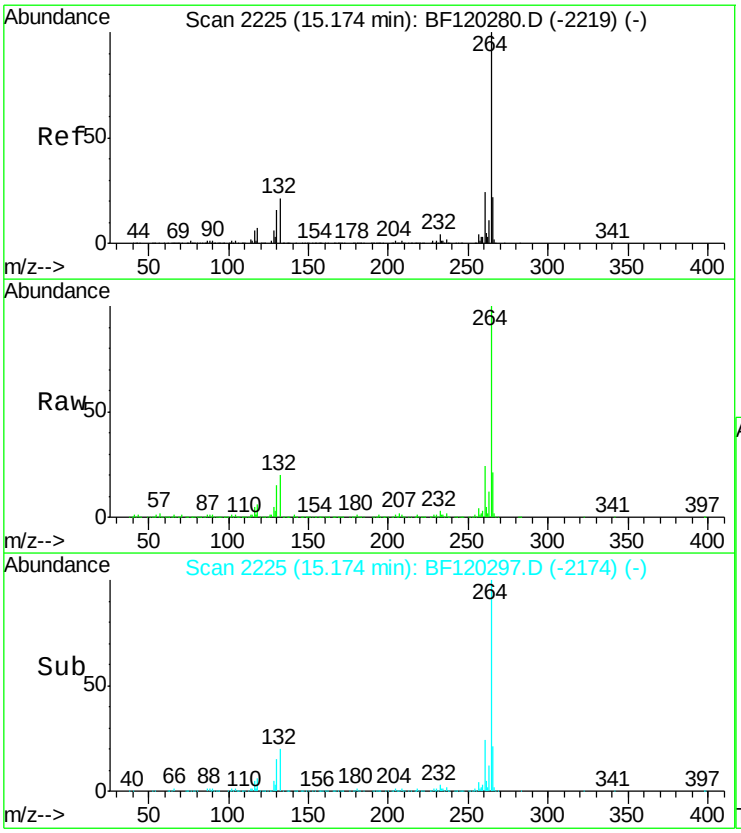
#79
Terphenyl-d14
Concen: 73.529 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3474751

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.3	10.8	16.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120297.D
Acq: 14 May 2020 18:15

Tgt Ion:264 Resp: 854745

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.1	17.5	26.3