Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117202.D
Acq On : 20 Sep 2019 22:43
Operator : HP/JU
Sample : K4973-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 21 00:39:22 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	42454	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	160726	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	76418	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	96003	20.00	ng		0.01
76) Chrysene-d12	13.99	240	60537	20.00	ng		0.02
87) Perylene-d12	15.43	264	60164	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	85806	31.56	ng		0.00
7) Phenol-d6	6.49	99	71771	20.42	ng		0.03
23) Nitrobenzene-d5	7.39	82	275104	89.93	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	47633	74.58	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	481334	98.48	ng		0.00
79) Terphenyl-d14	12.95	244	299034	92.33	ng		0.04
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	4934	Below Cal		#	66
16) 2,2'-oxybis(1-Chloropropan	6.92	45	24134	8.579	ng		94
25) Isophorone	7.39	82	269413	49.742	ng	#	66
32) Benzoic acid	8.06	122	22338	18.996	ng		97
54) 2,4-Dinitrophenol	9.90	184	120	9.390	ng	#	33
62) 4-Nitroaniline	10.27	138	68578	47.428	ng	#	22
67) 4-Bromophenyl-phenylether	10.65	248	2920	2.978	ng	#	1
69) Atrazine	11.05	200	282	Below Cal		#	38
77) Benzidine	12.69	184	6119	3.138	ng	#	1

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

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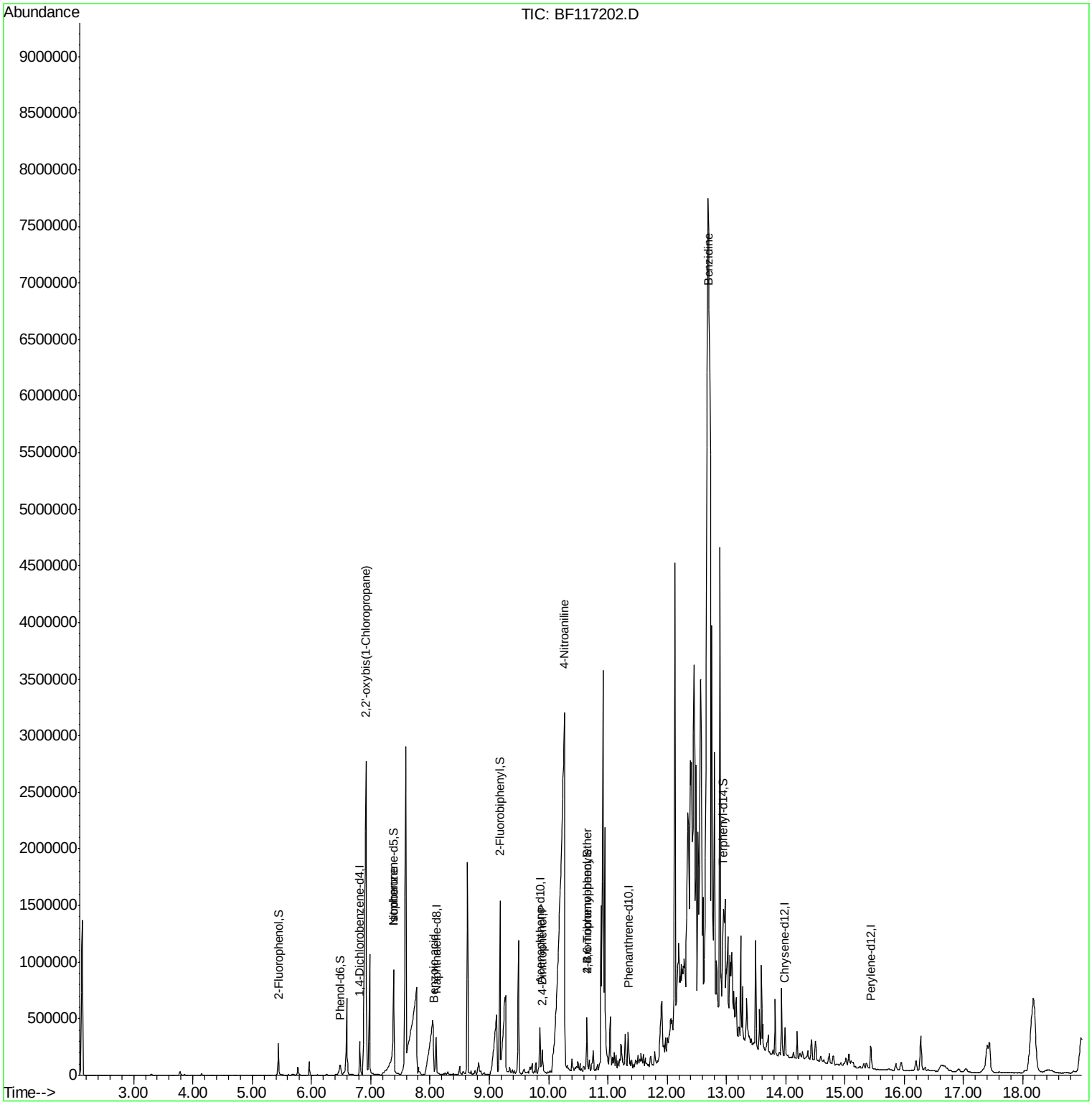
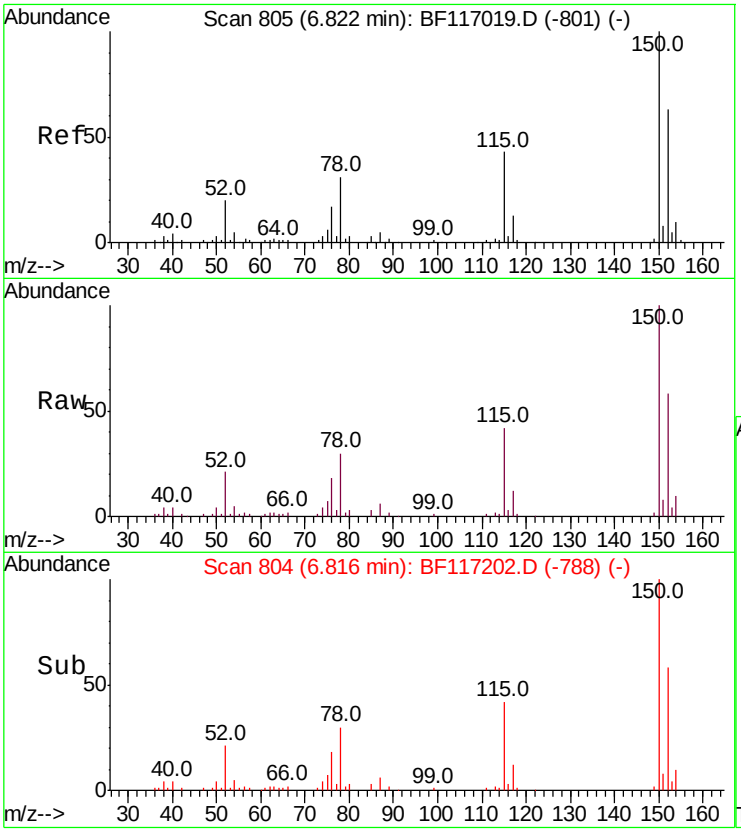


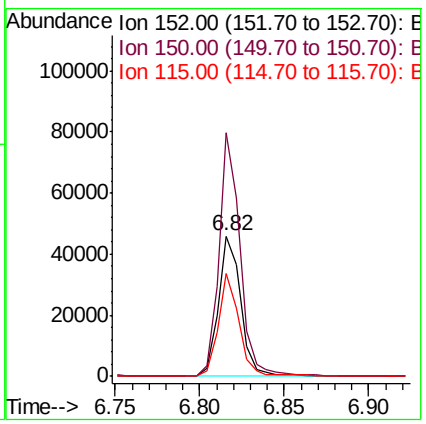


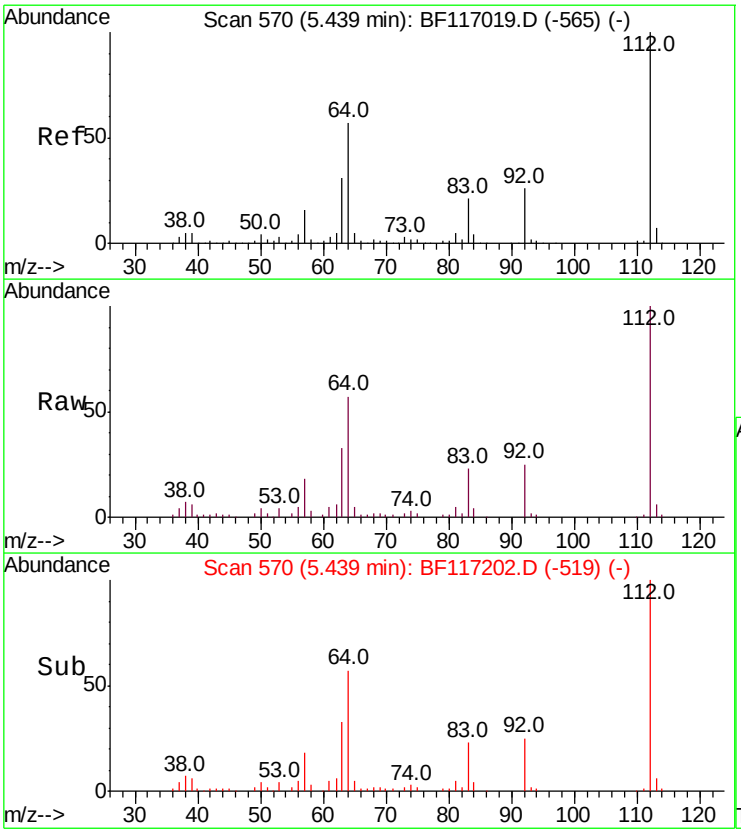
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42454

Ion	Ratio	Lower	Upper
152	100		
150	173.9	127.5	191.3
115	73.2	55.0	82.4

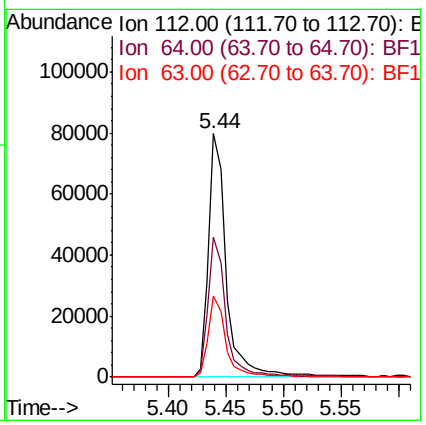


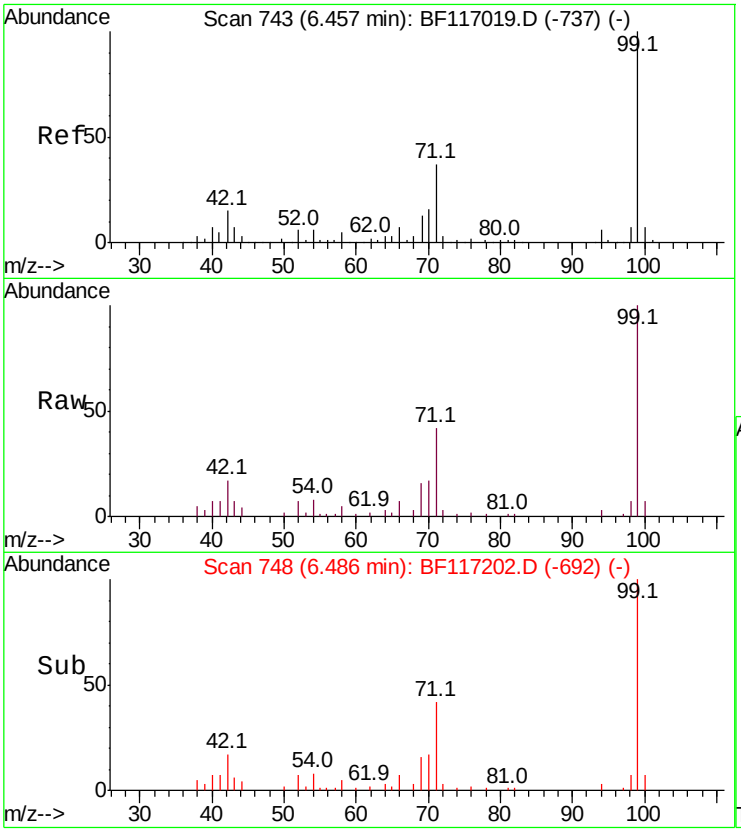


#5
2-Fluorophenol
Concen: 31.555 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion:112 Resp: 85806

Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.7	68.5
63	33.1	24.9	37.3



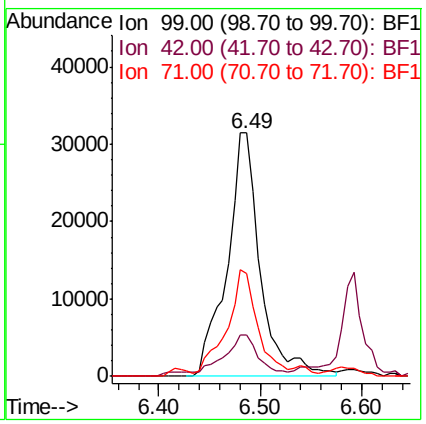


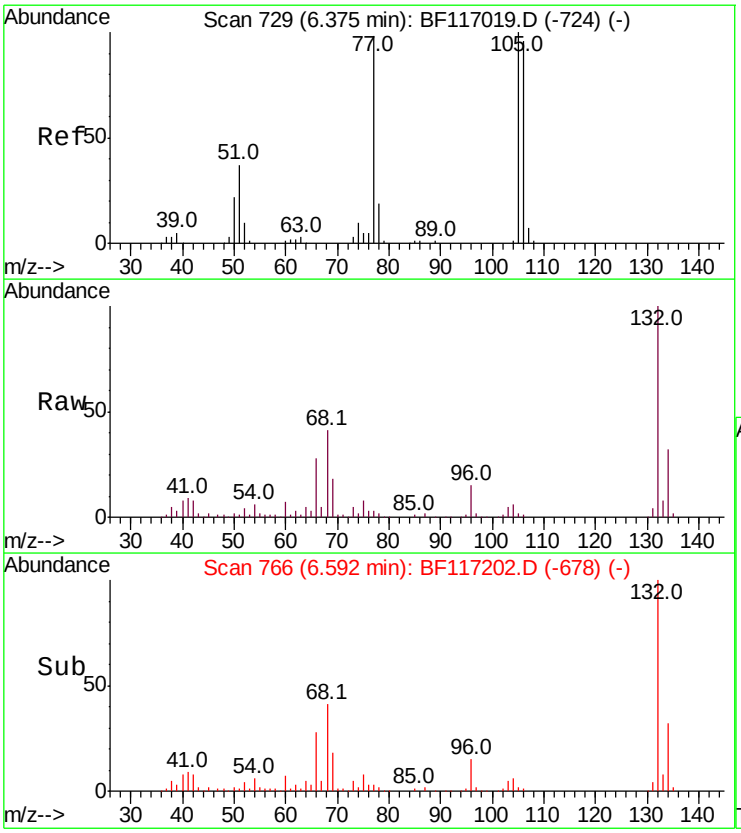
#7
Phenol-d6
Concen: 20.423 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.03 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 71771

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.2	18.2
71	42.3	29.8	44.8

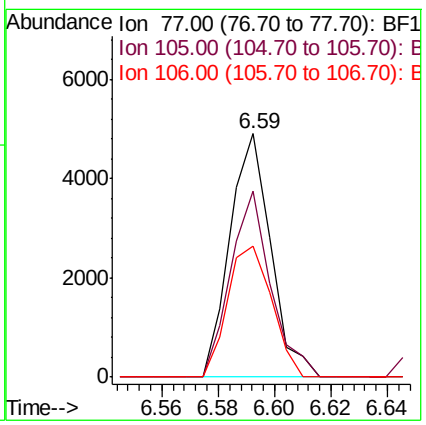


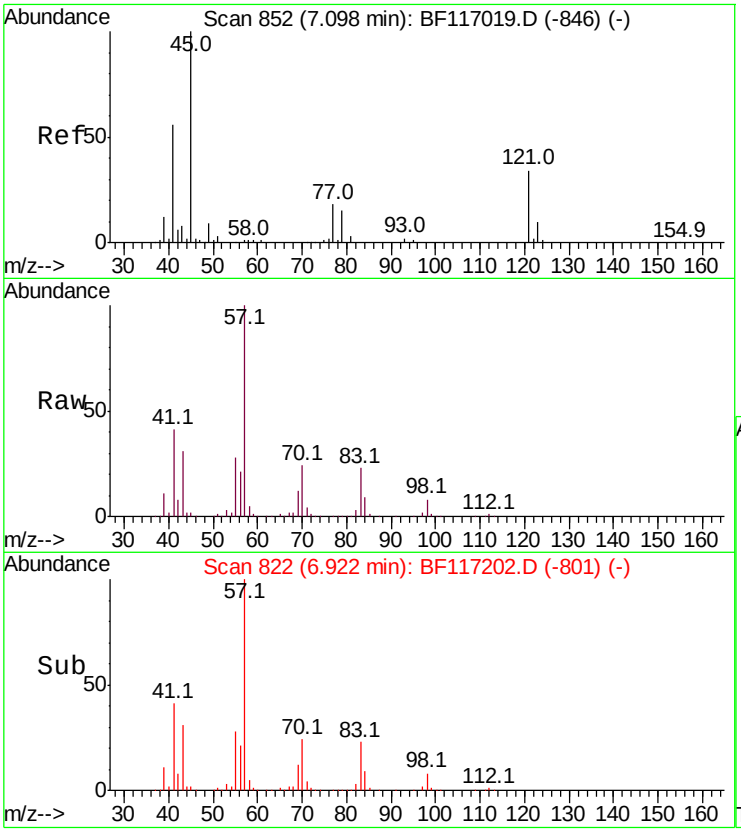


#9
Benzaldehyde
Concen: Below Cal
RT: 6.59 min Scan# 766
Delta R.T. 0.22 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion: 77 Resp: 4934

Ion	Ratio	Lower	Upper
77	100		
105	76.4	81.8	121.8#
106	53.8	77.3	117.3#



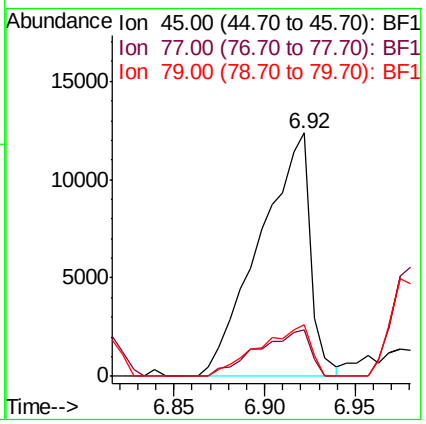


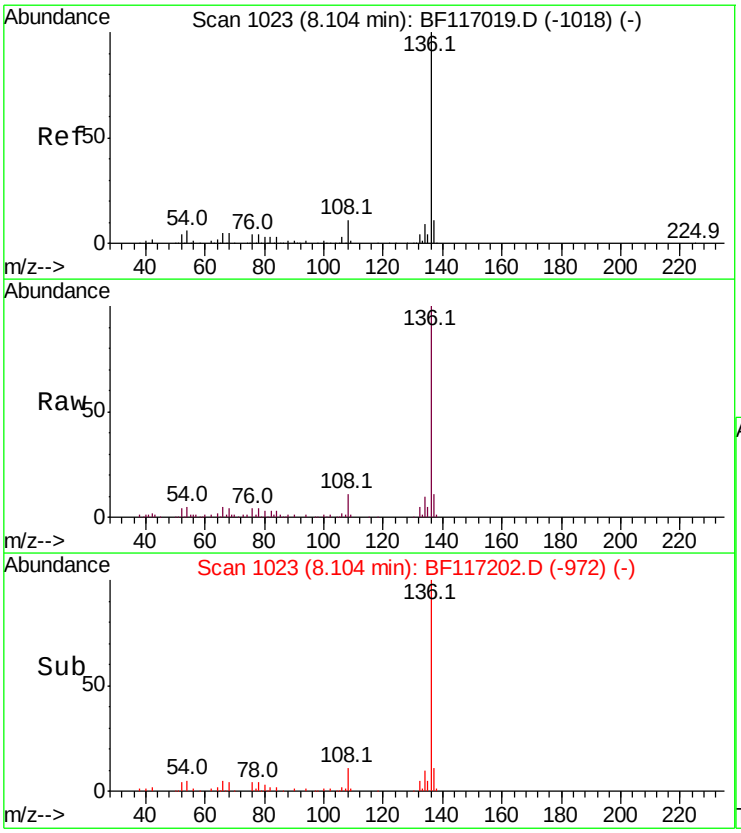
#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.579 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.18 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 24134

Ion	Ratio	Lower	Upper
45	100		
77	19.3	2.7	42.7
79	21.1	0.0	38.9

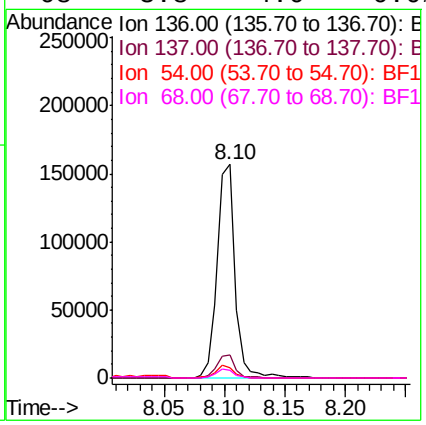


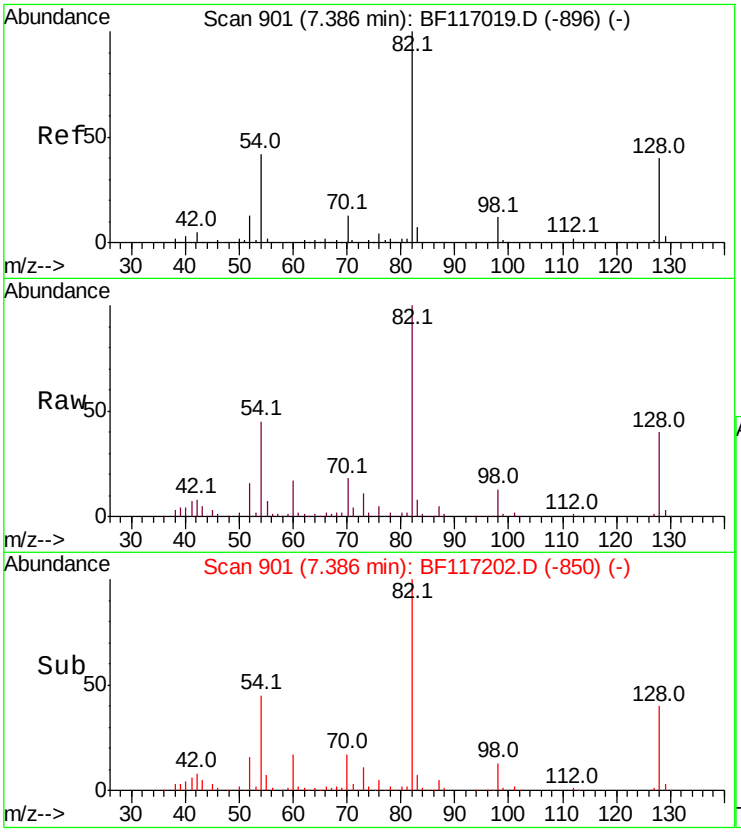


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion:136 Resp: 160726

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.0	4.5	6.7
68	3.8	4.0	6.0#



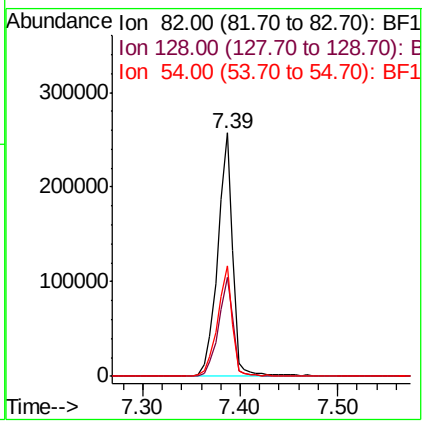


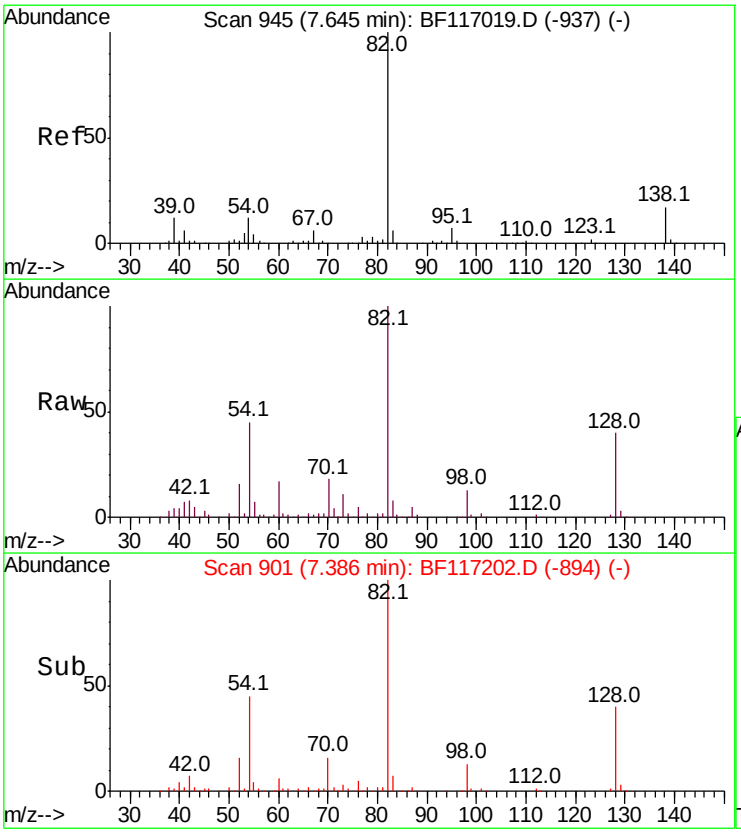
#23
Nitrobenzene-d5
Concen: 89.933 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 275104

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.3	48.5
54	45.4	33.3	49.9

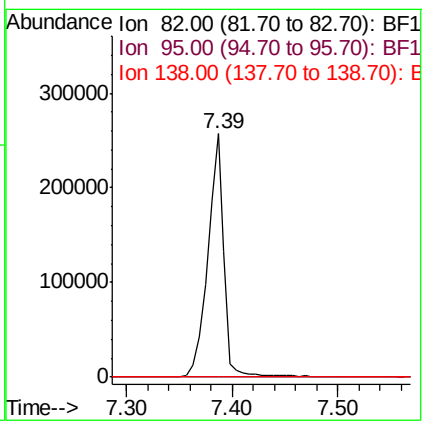


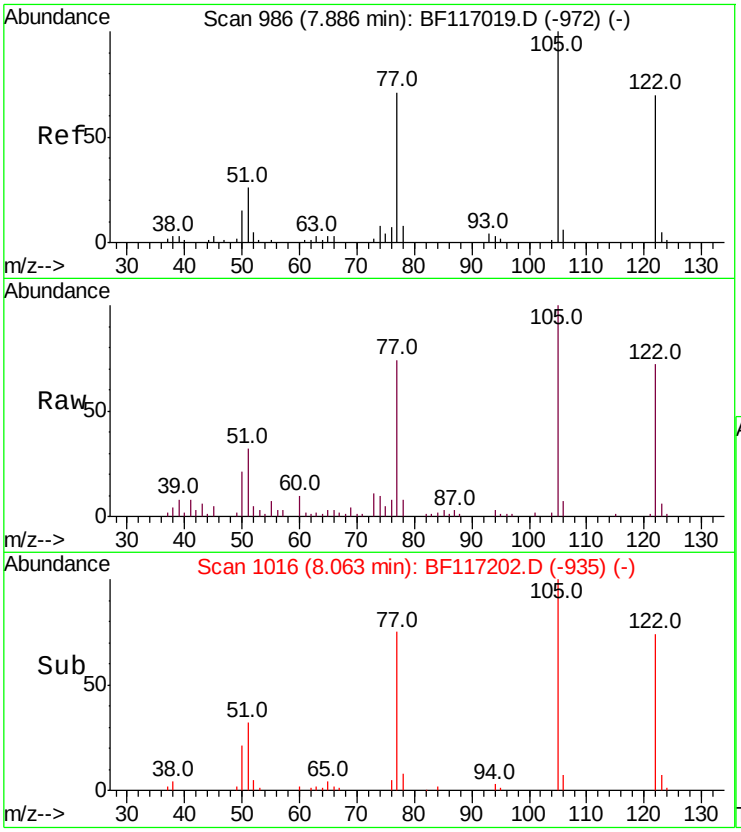


#25
Isophorone
Concen: 49.742 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion: 82 Resp: 269413

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



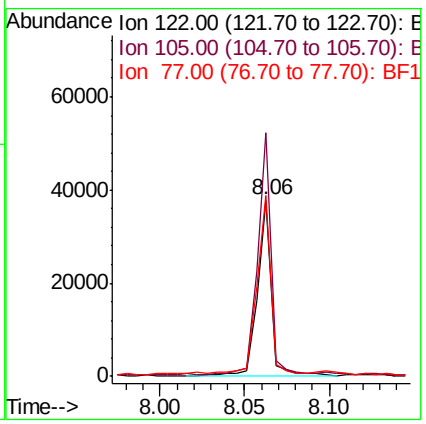


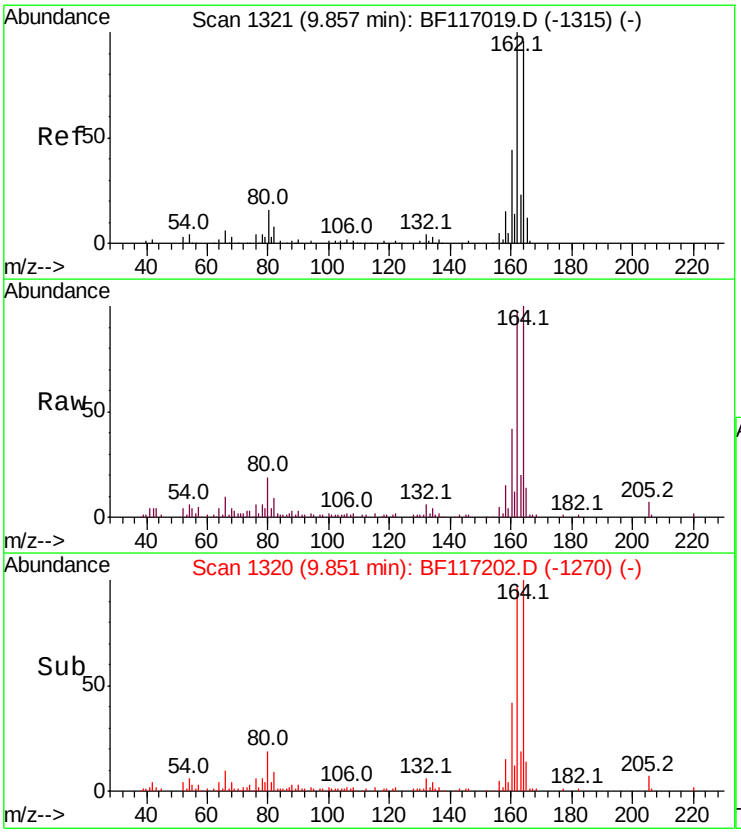
#32
Benzoic acid
Concen: 18.996 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.18 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 22338

Ion	Ratio	Lower	Upper
122	100		
105	138.1	114.8	154.8
77	102.3	78.7	118.7

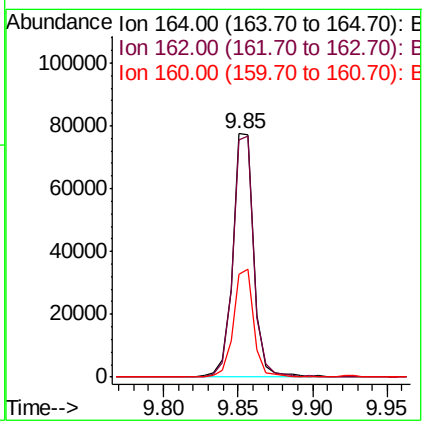


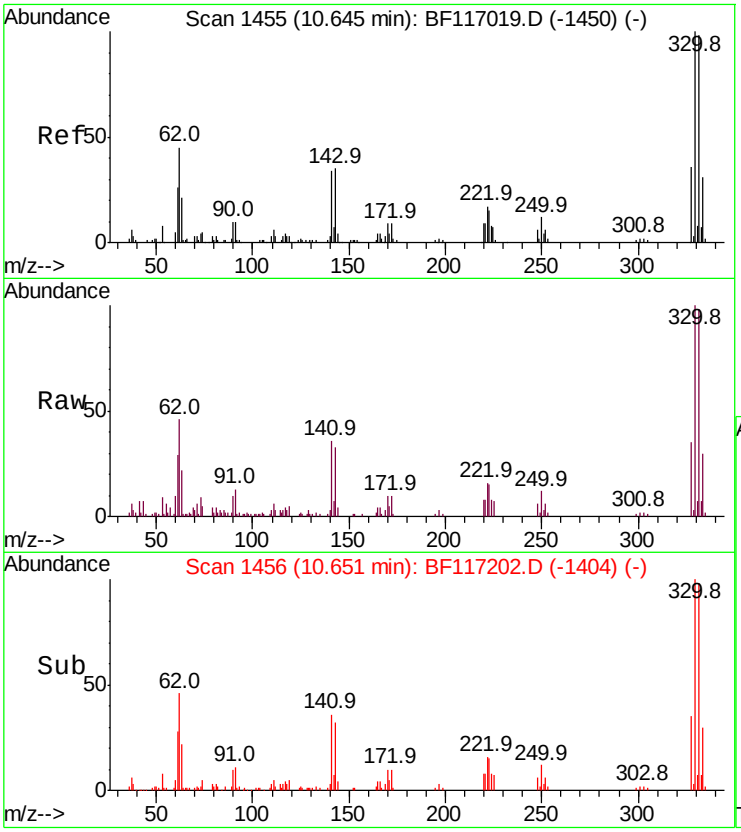


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion:164 Resp: 76418

Ion	Ratio	Lower	Upper
164	100		
162	97.3	83.4	125.2
160	42.4	36.4	54.6



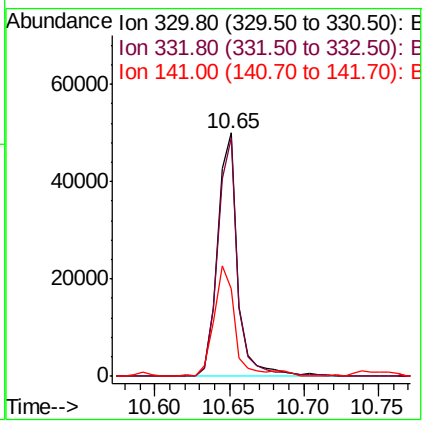


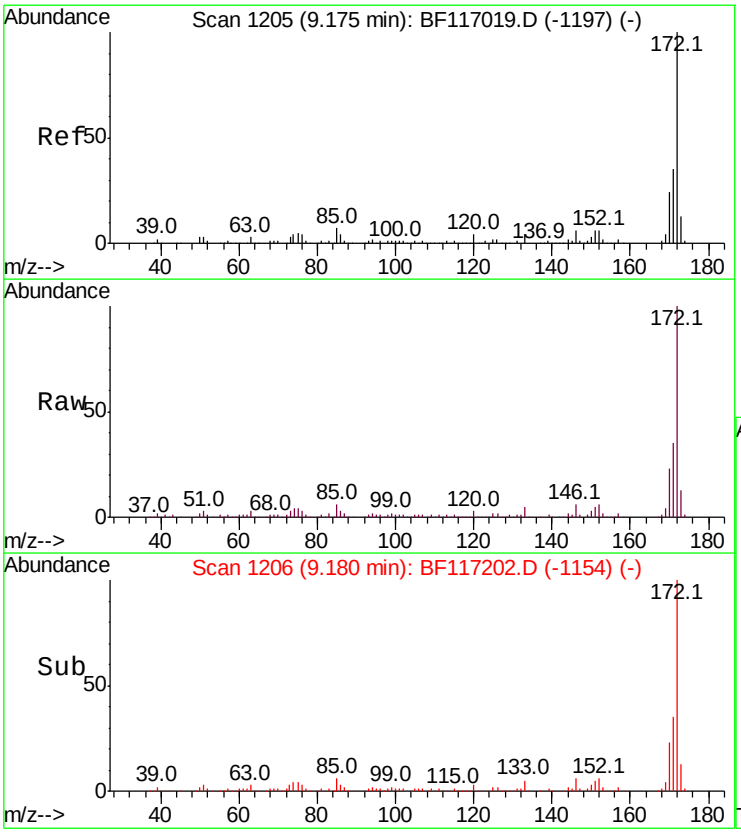
#42
2,4,6-Tribromophenol
Concen: 74.580 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 47633

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.0	117.0
141	47.7	35.8	53.6

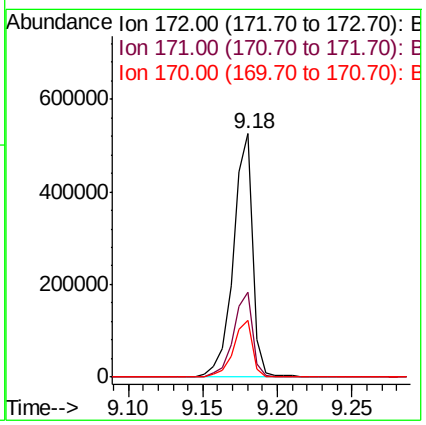


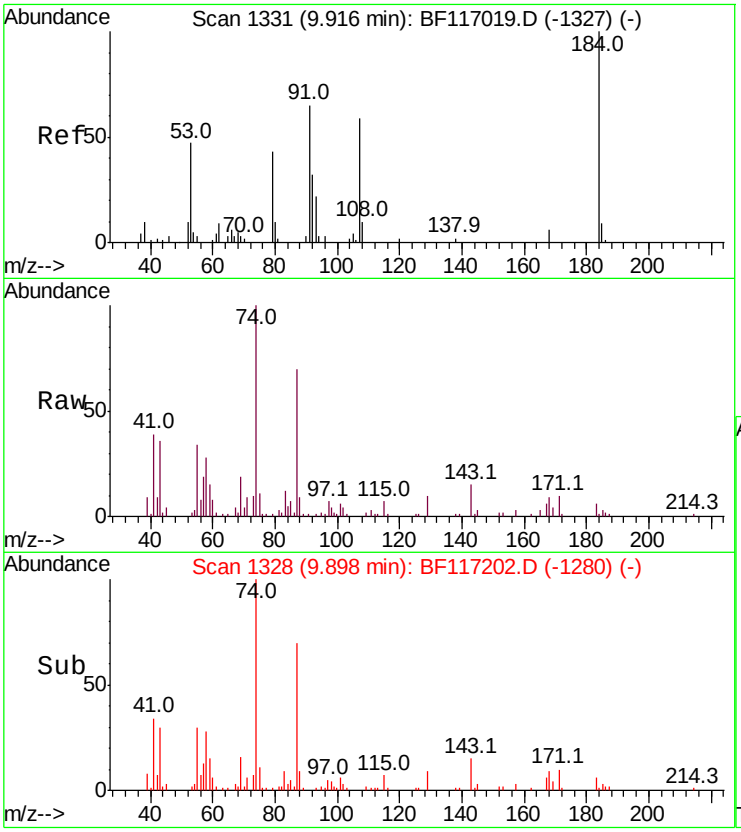


#45
2-Fluorobiphenyl
Concen: 98.485 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion:172 Resp: 481334

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.1	18.9	28.3



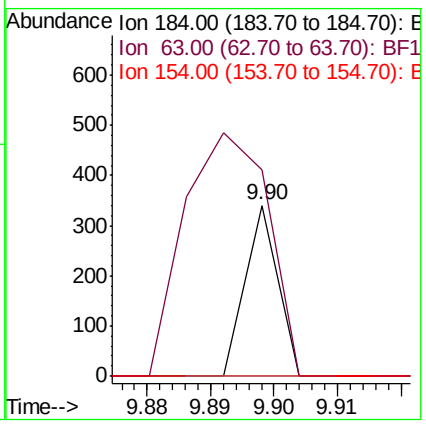


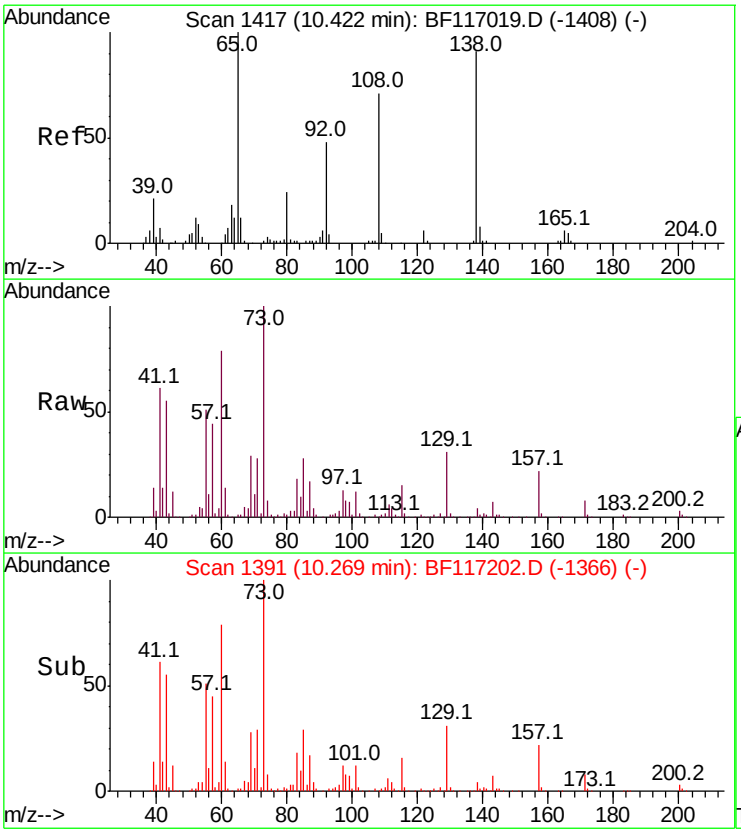
#54
2,4-Dinitrophenol
Concen: 9.390 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 120

Ion	Ratio	Lower	Upper
184	100		
63	120.6	63.8	95.6#
154	0.0	60.4	90.6#

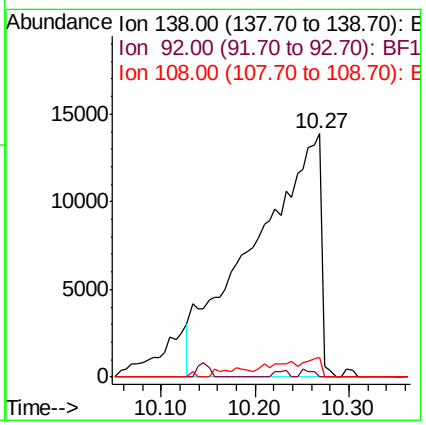


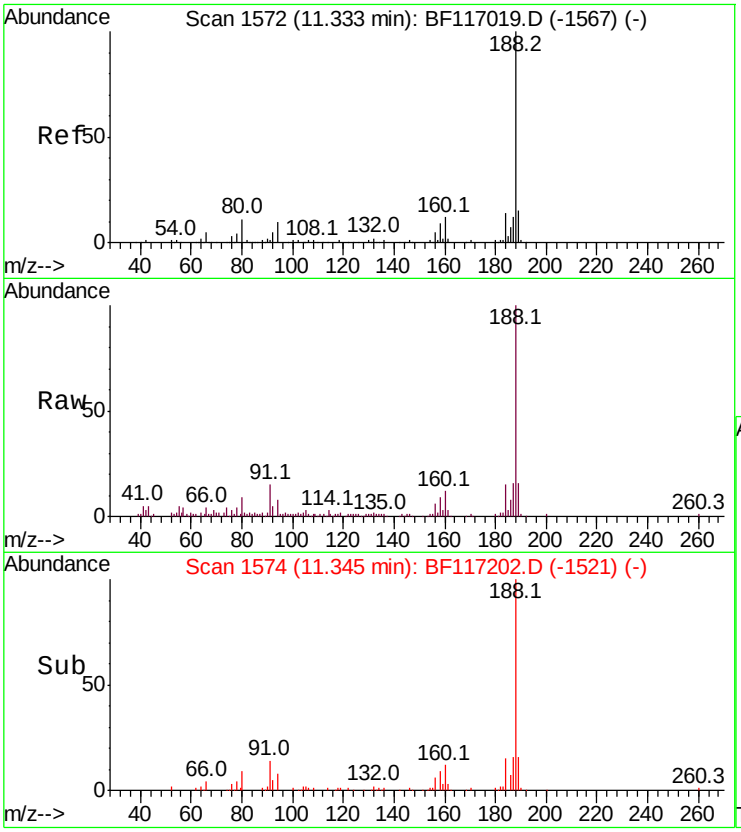


#62
4-Nitroaniline
Concen: 47.428 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.15 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion:138 Resp: 68578

Ion	Ratio	Lower	Upper
138	100		
92	0.0	32.9	72.9#
108	7.9	58.3	98.3#



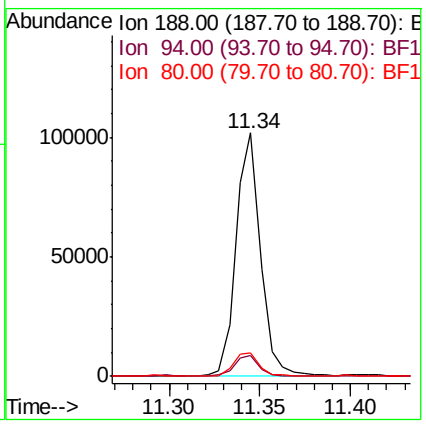


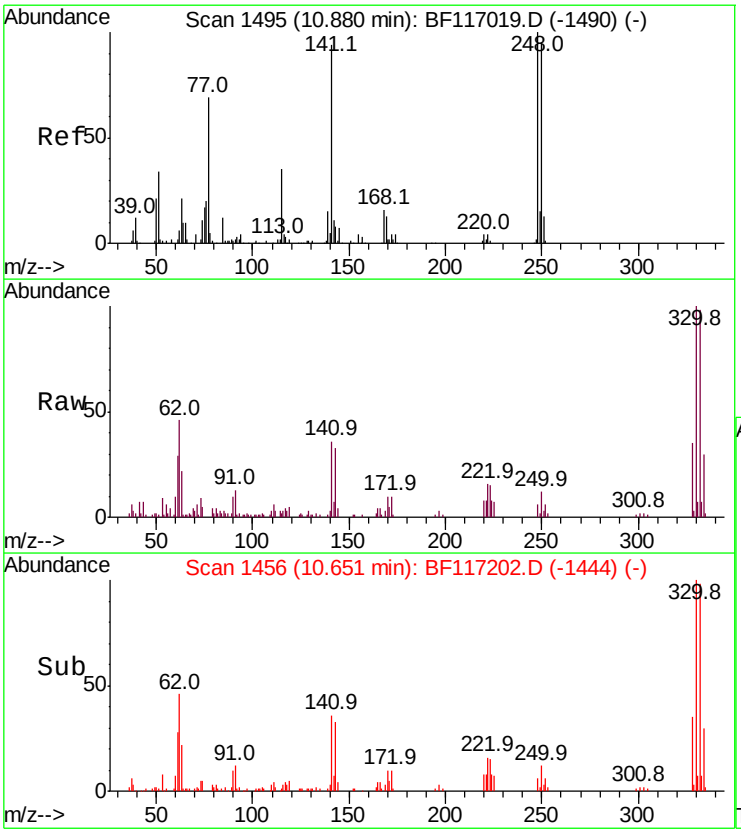
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 96003

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.4	9.0	13.6

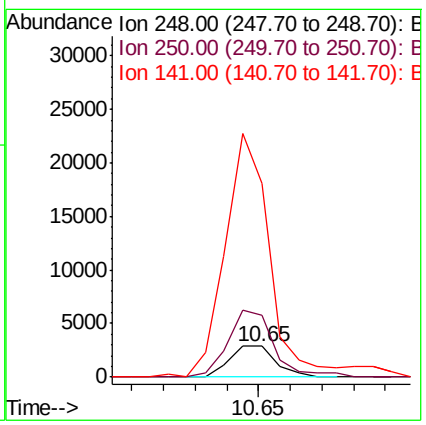


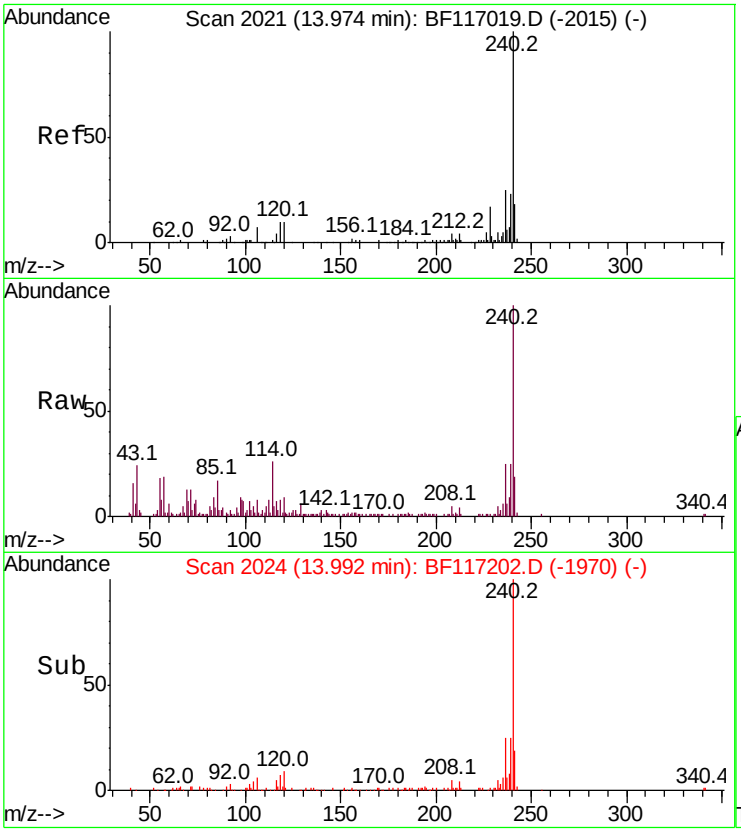


#67
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.23 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion:248 Resp: 2920

Ion	Ratio	Lower	Upper
248	100		
250	201.3	76.2	114.4#
141	624.7	75.0	112.4#



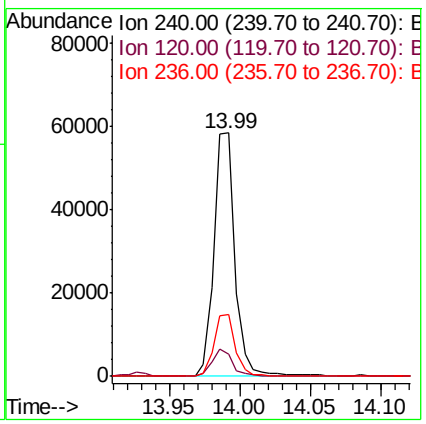


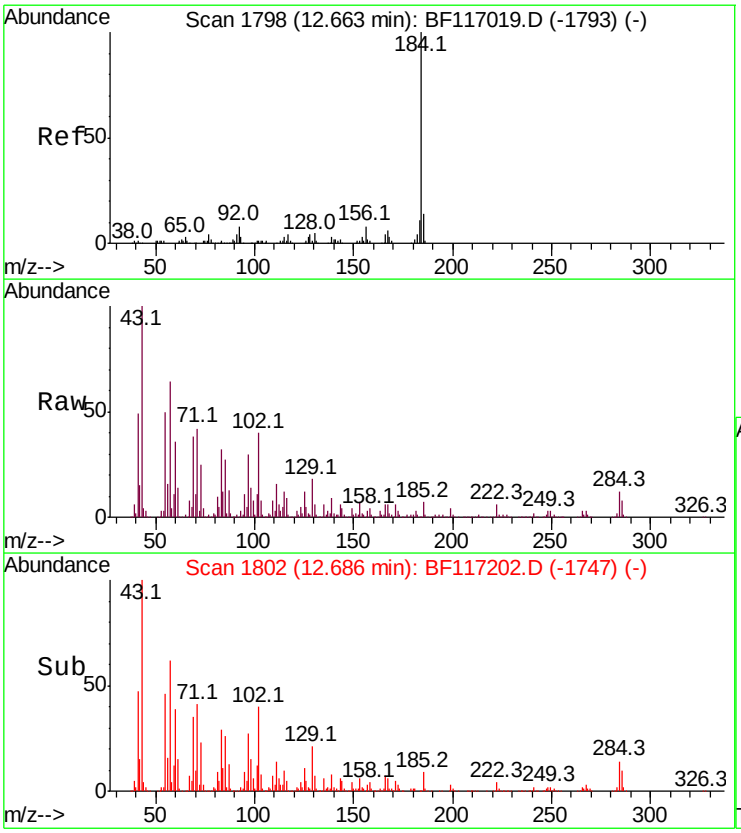
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 60537

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	25.4	20.3	30.5

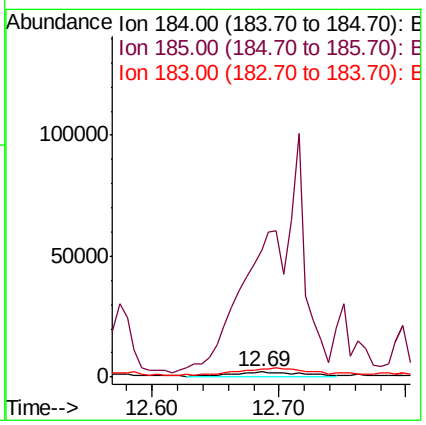


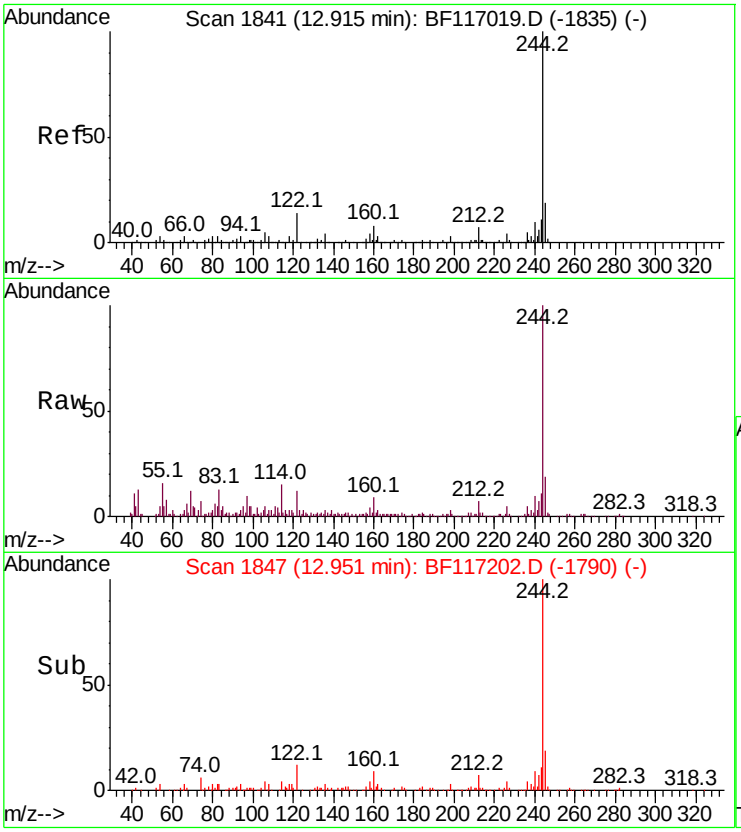


#77
Benzidine
Concen: 3.138 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.02 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion:184 Resp: 6119

Ion	Ratio	Lower	Upper
184	100		
185	2541.4	11.6	17.4#
183	156.1	9.0	13.4#



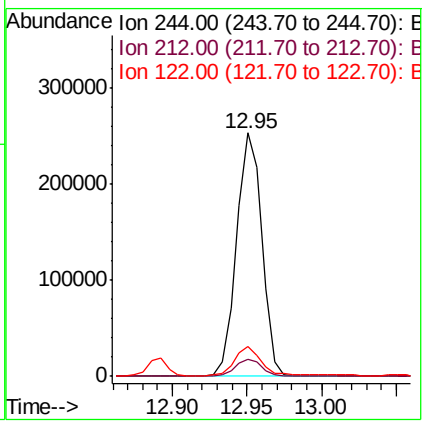


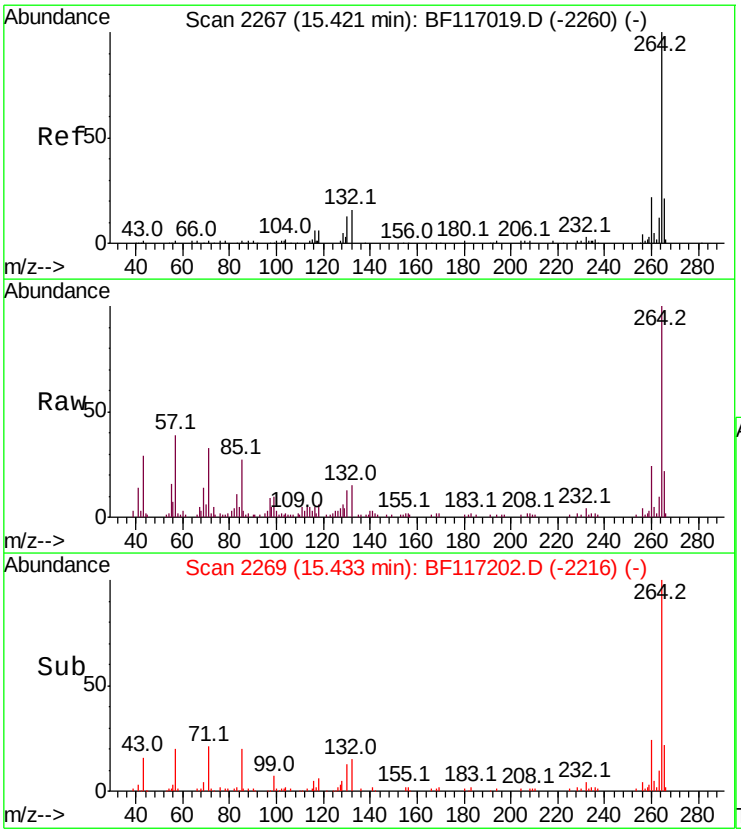
#79
Terphenyl-d14
Concen: 92.334 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.04 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 299034

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.2	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117202.D
Acq: 20 Sep 2019 22:43

Tgt Ion:264 Resp: 60164

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.6	26.4
265	22.4	16.6	24.8