Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Time: Aug 26 00:44:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	125997	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	518375	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	227694	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	254007	20.00	ng	0.02
76) Chrysene-d12	13.86	240	329398	20.00	ng	0.02
86) Perylene-d12	15.27	264	345831	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	4342	0.57	ng	0.04
7) Phenol-d6	6.37	99	6320	0.64	ng	0.04
23) Nitrobenzene-d5	7.26	82	4771	0.52	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	1447	0.55	ng	0.02
45) 2-Fluorobiphenyl	9.05	172	14095	-13.84	ng	0.00
79) Terphenyl-d14	12.82	244	11771	0.70	ng	0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.35	107	112	Below Cal	#	11
32) Benzoic acid	7.89	122	330	7.118	ng #	33
55) Dibenzofuran	9.94	168	3645	Below Cal	#	1
58) Fluorene	10.29	166	12567	Below Cal	#	29
61) 4-Chlorophenyl-phenylether	10.29	204	5841	Below Cal	#	1
66) n-Nitrosodiphenylamine	10.40	169	38247	4.882	ng #	60
70) Pentachlorophenol	11.07	266	3006	2.080	ng #	25
71) Phenanthrene	11.26	178	42804	3.256	ng #	42
74) Di-n-butylphthalate	11.80	149	29603	2.032	ng #	57

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

Quantitation Report (Not Reviewed)

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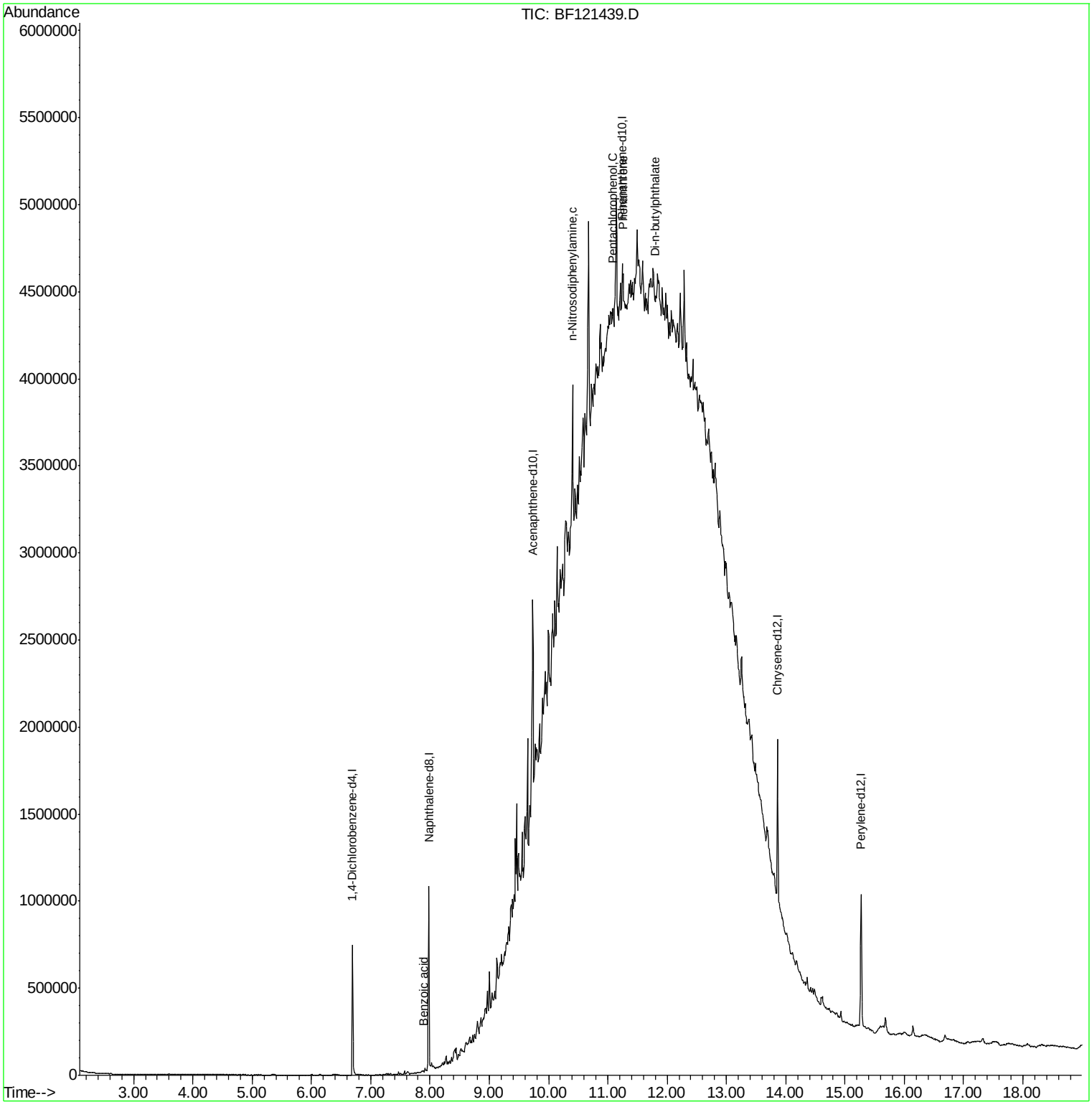
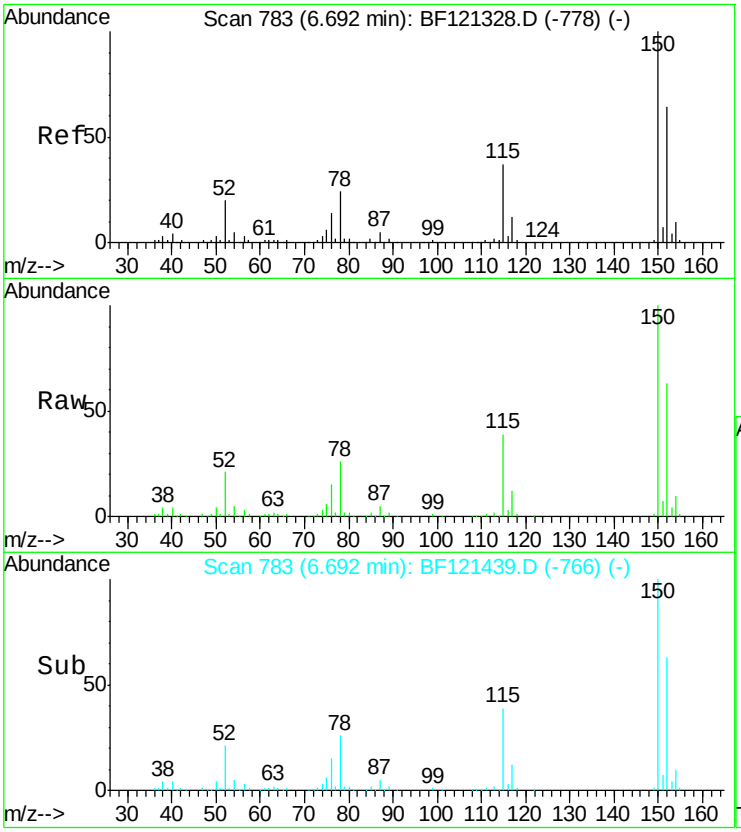


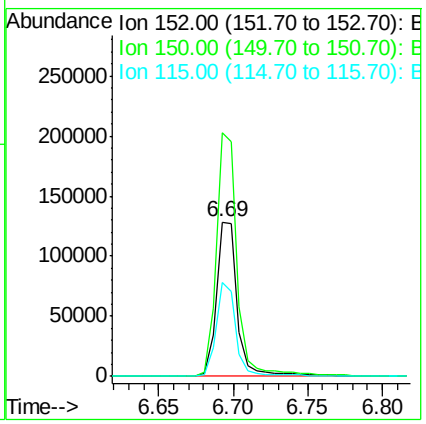


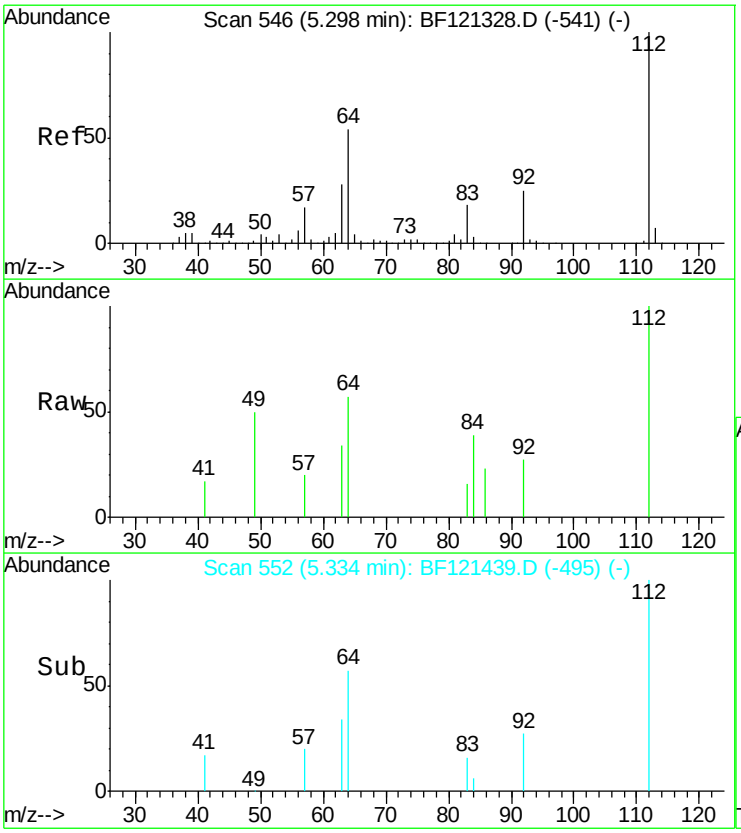
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:152 Resp: 125997

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.8	187.2
115	61.1	46.1	69.1

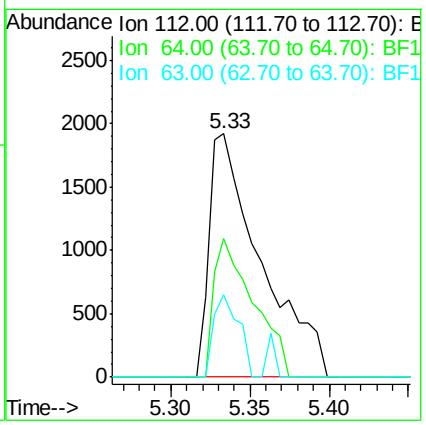


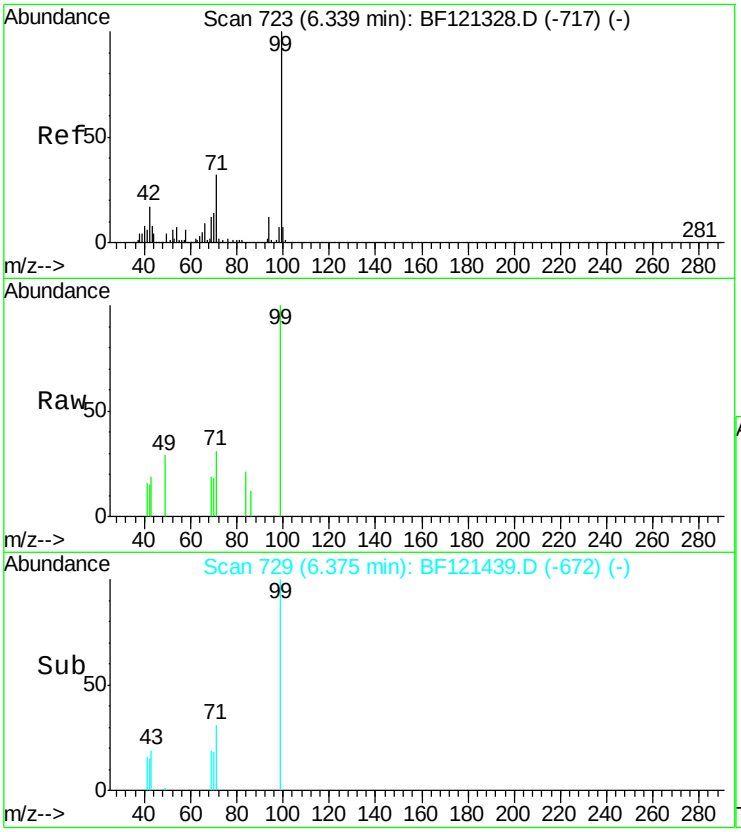


#5
2-Fluorophenol
Concen: 0.565 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.04 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:112 Resp: 4342

Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.5	65.3
63	33.6	22.0	33.0#



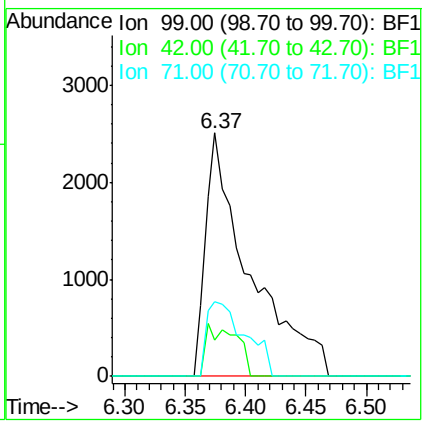


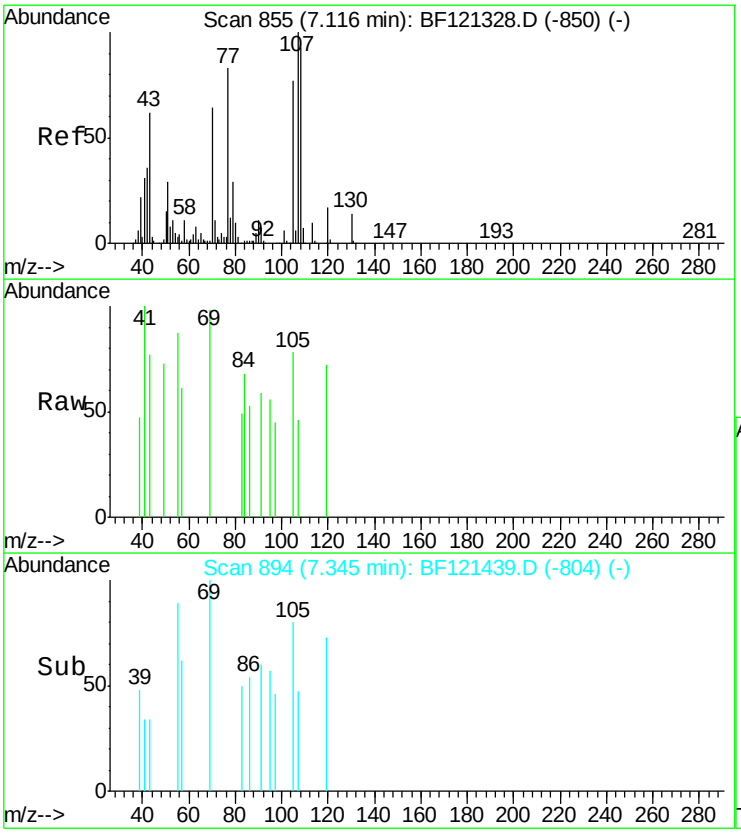
#7
Phenol-d6
Concen: 0.644 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.04 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion: 99 Resp: 6320

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	30.9	25.2	37.8

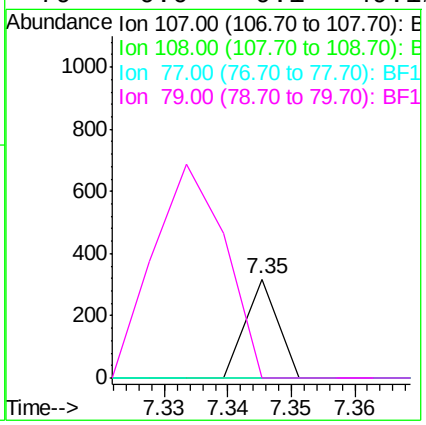


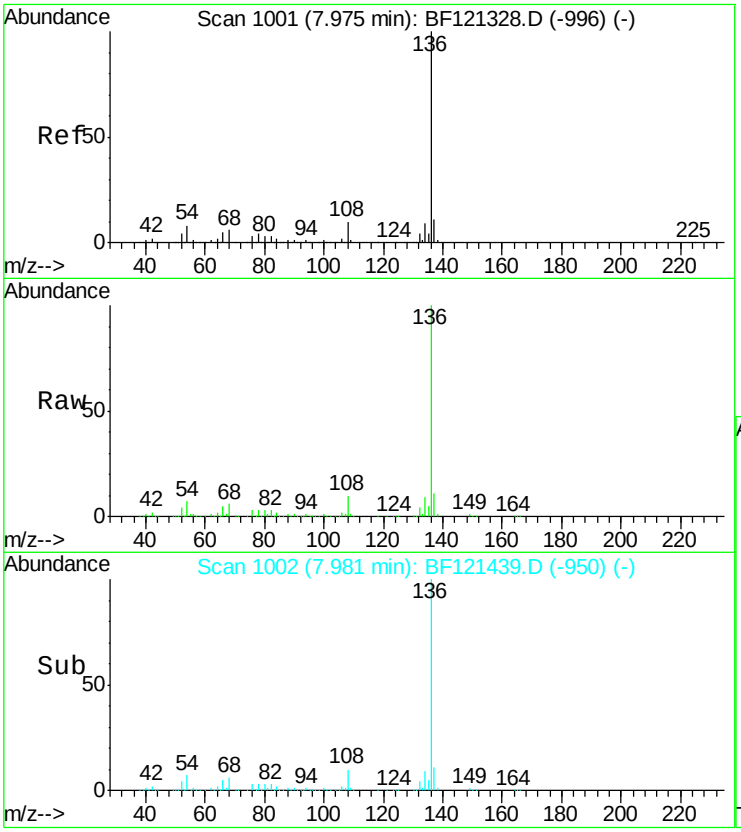


#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.35 min Scan# 894
Delta R.T. 0.23 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:107 Resp: 112

Ion	Ratio	Lower	Upper
107	100		
108	0.0	72.6	112.6#
77	0.0	63.8	103.8#
79	0.0	9.1	49.1#



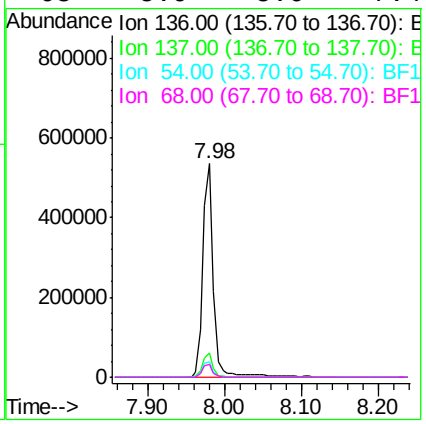


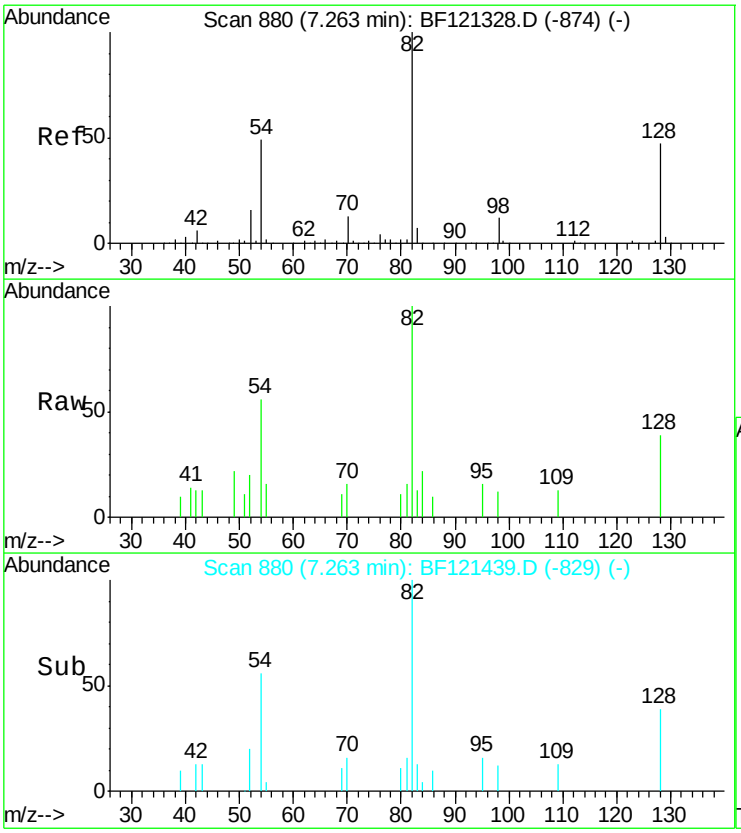
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:136 Resp: 518375

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.0	6.1	9.1
68	5.9	5.0	7.4

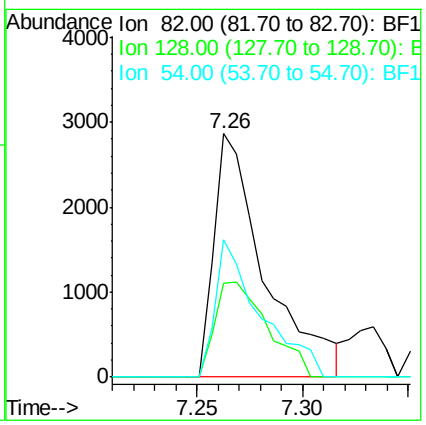


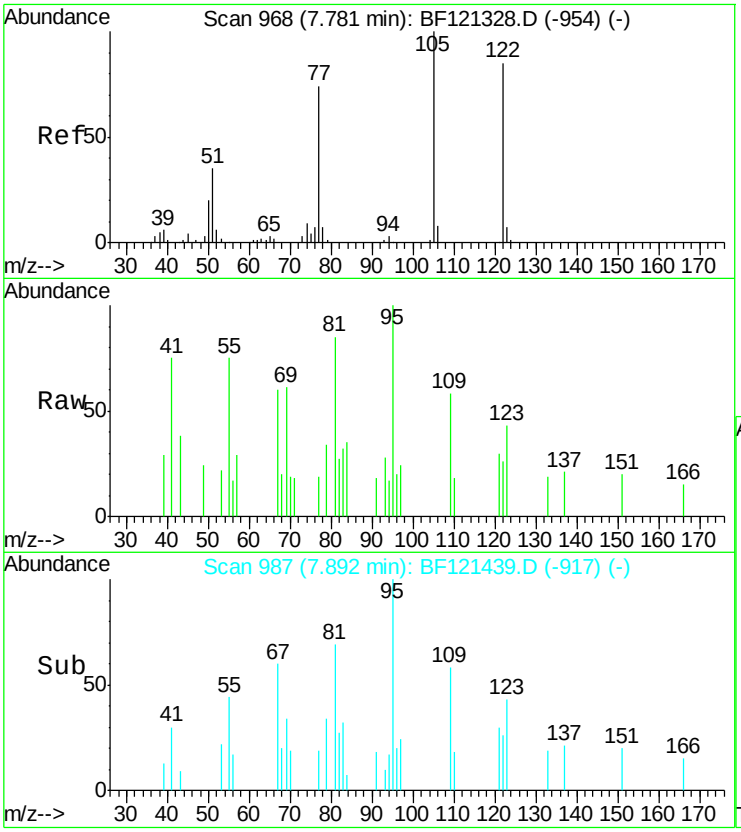


#23
Nitrobenzene-d5
Concen: 0.521 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion: 82 Resp: 4771

Ion	Ratio	Lower	Upper
82	100		
128	38.6	37.9	56.9
54	56.4	39.0	58.4



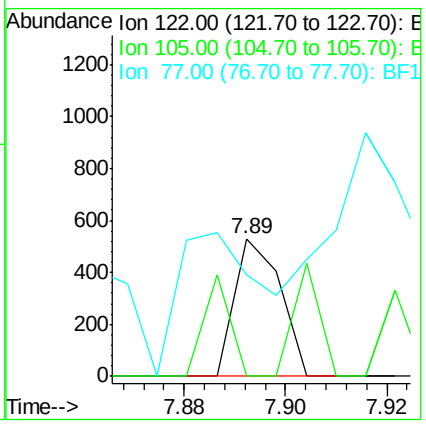


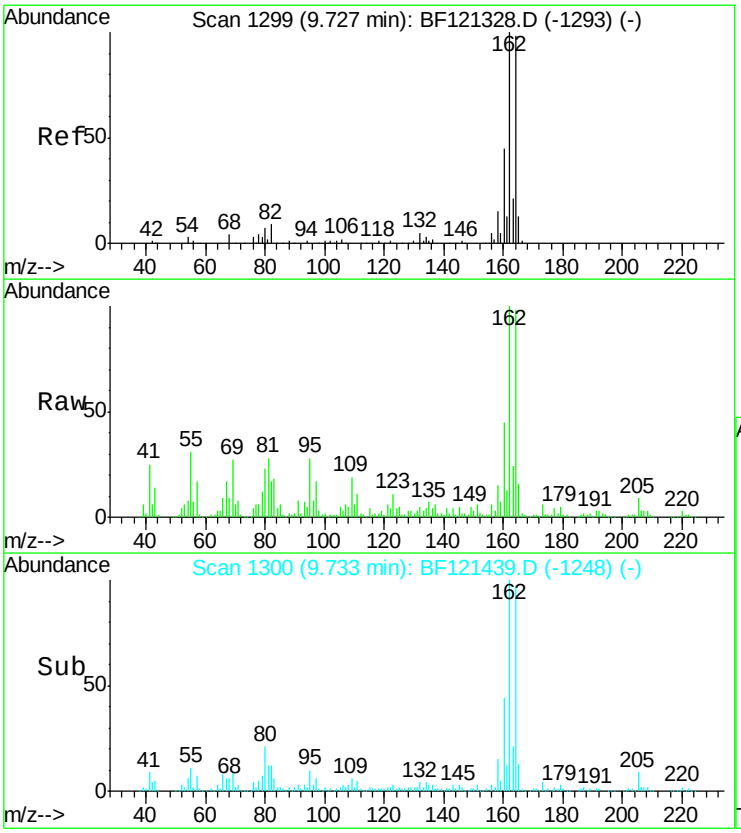
#32
Benzoic acid
Concen: 7.118 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.11 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:122 Resp: 330

Ion	Ratio	Lower	Upper
122	100		
105	0.0	96.7	136.7#
77	73.6	66.7	106.7

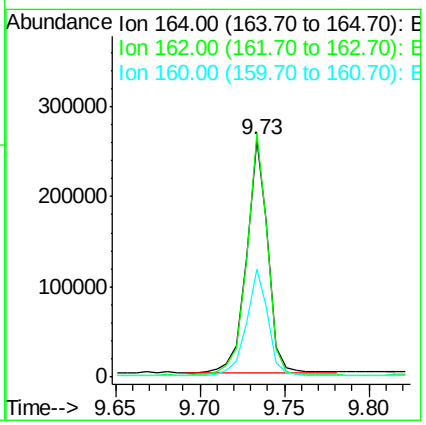


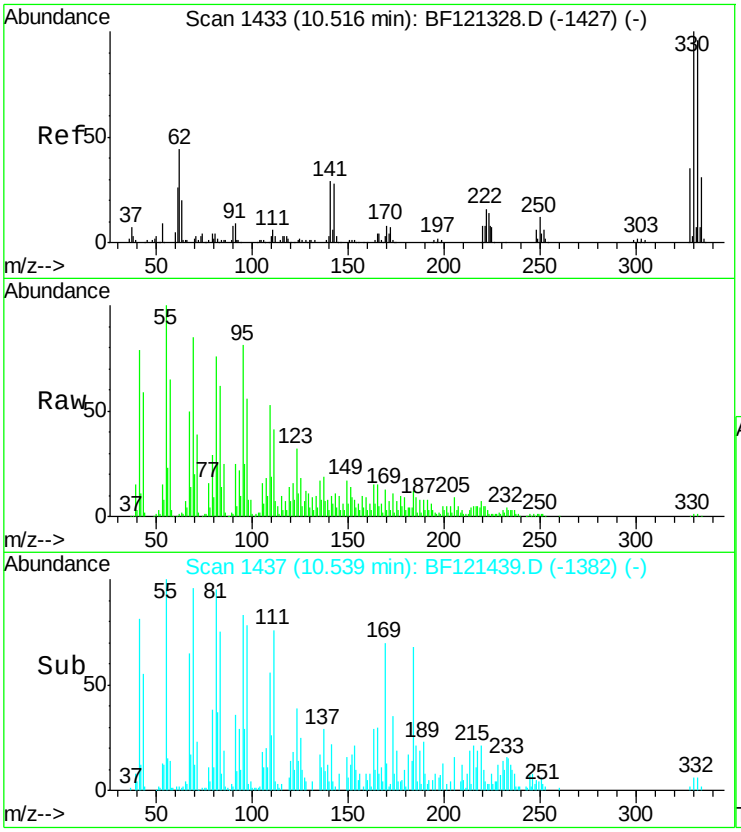


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:164 Resp: 227694

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.7	122.5
160	45.6	37.0	55.4



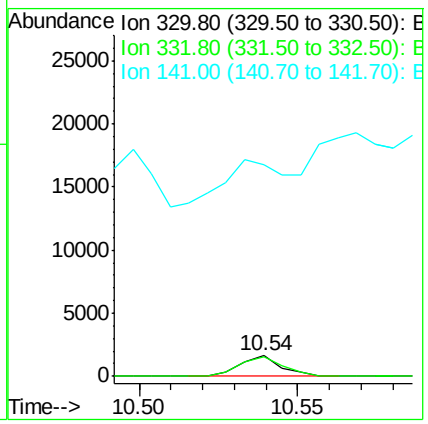


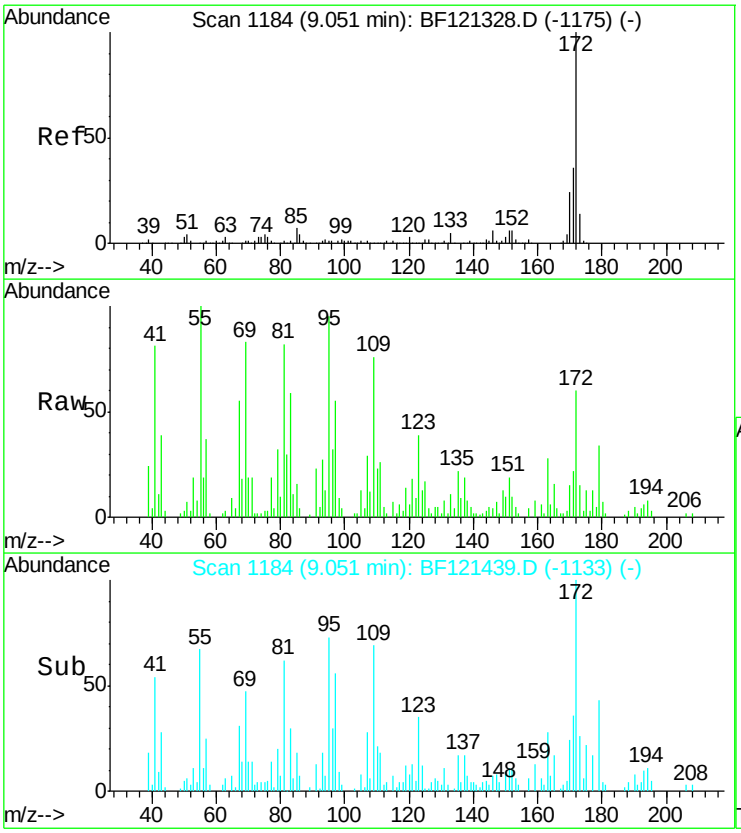
#42
2,4,6-Tribromophenol
Concen: 0.545 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:330 Resp: 1447

Ion	Ratio	Lower	Upper
330	100		
332	102.0	76.9	115.3
141	268.8	22.8	34.2#

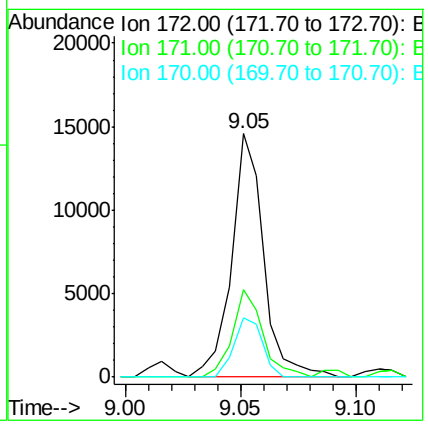


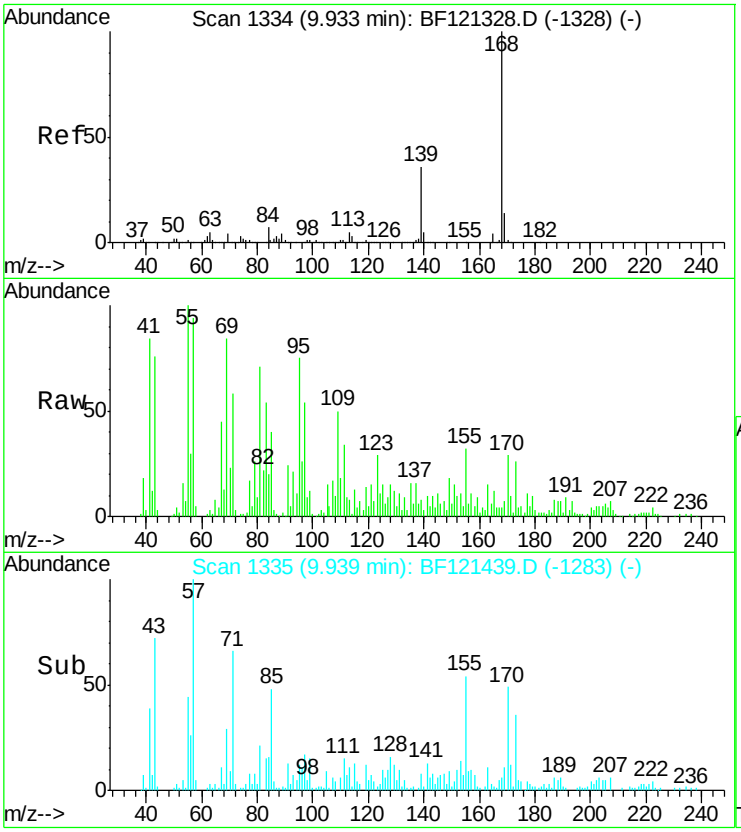


#45
2-Fluorobiphenyl
Concen: -13.845 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:172 Resp: 14095

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.5	19.4	29.2



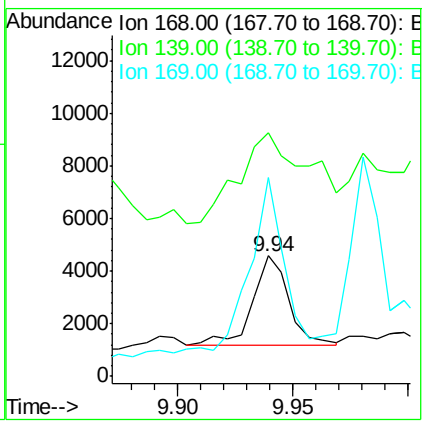


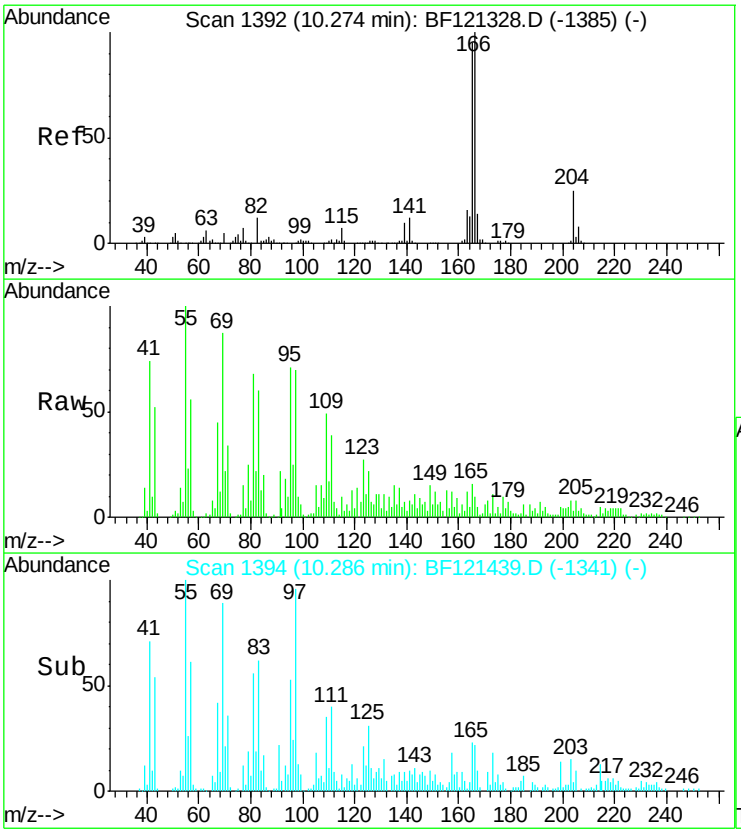
#55
Dibenzofuran
Concen: Below Cal
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:168 Resp: 3645

Ion	Ratio	Lower	Upper
168	100		
139	202.4	29.1	43.7#
169	165.6	11.0	16.6#

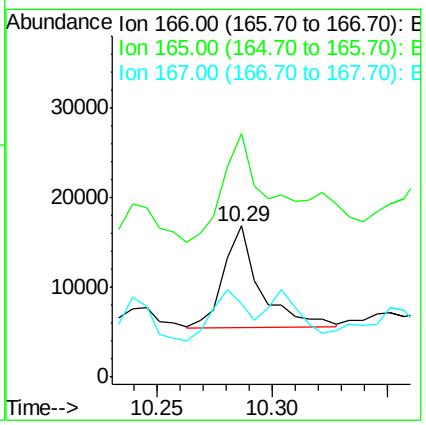


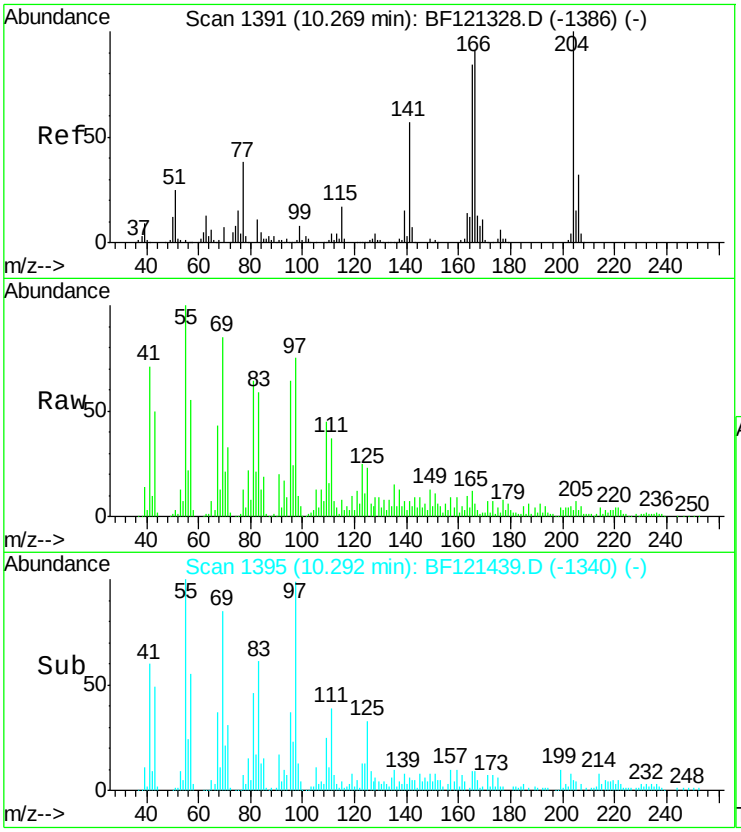


#58
Fluorene
Concen: Below Cal
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:166 Resp: 12567

Ion	Ratio	Lower	Upper
166	100		
165	161.2	75.8	113.8#
167	48.3	11.0	16.4#



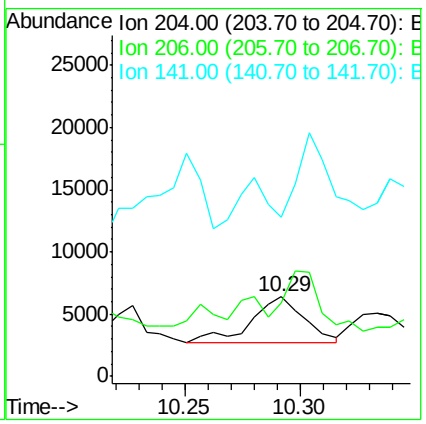


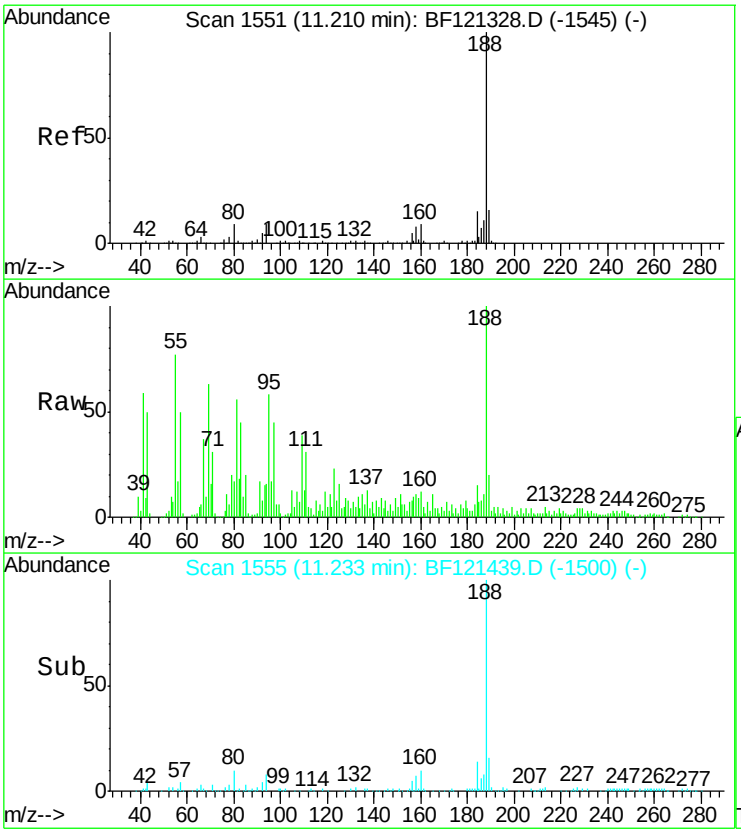
#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.29 min Scan# 1395
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:204 Resp: 5841

Ion	Ratio	Lower	Upper
204	100		
206	91.3	25.9	38.9#
141	199.9	45.5	68.3#

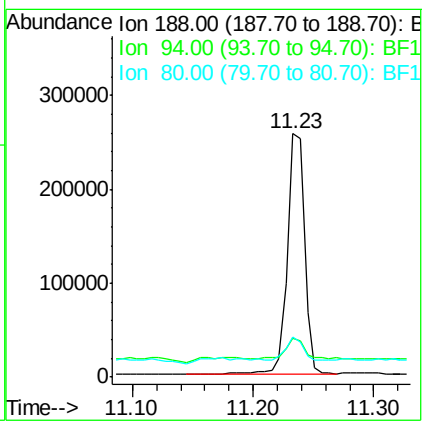


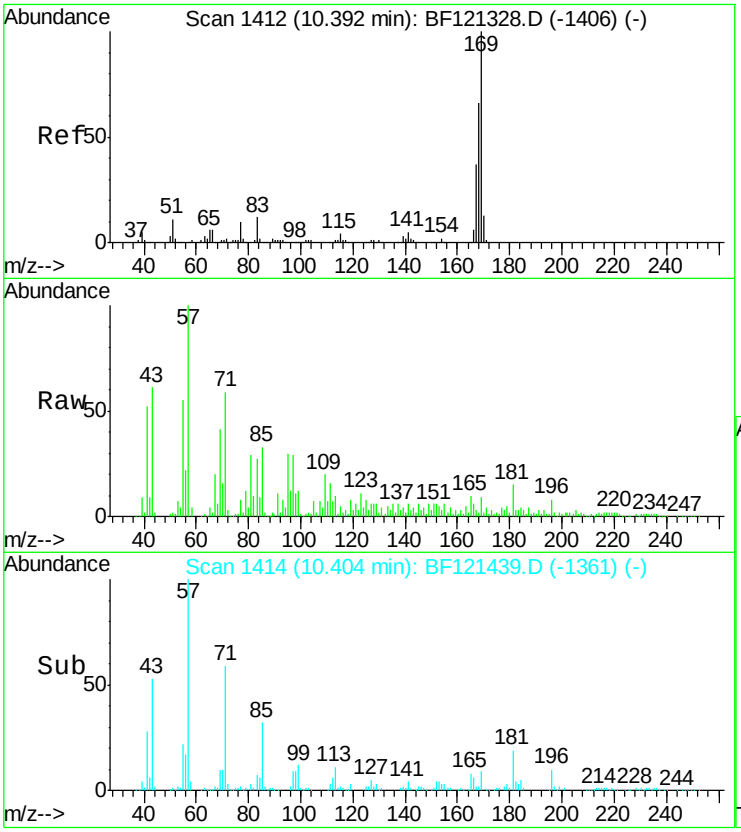


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:188 Resp: 254007

Ion	Ratio	Lower	Upper
188	100		
94	15.9	7.2	10.8#
80	16.7	7.4	11.0#



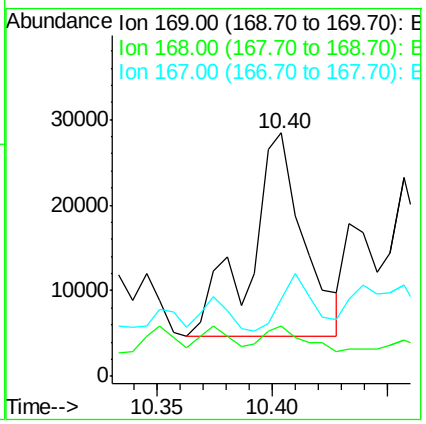


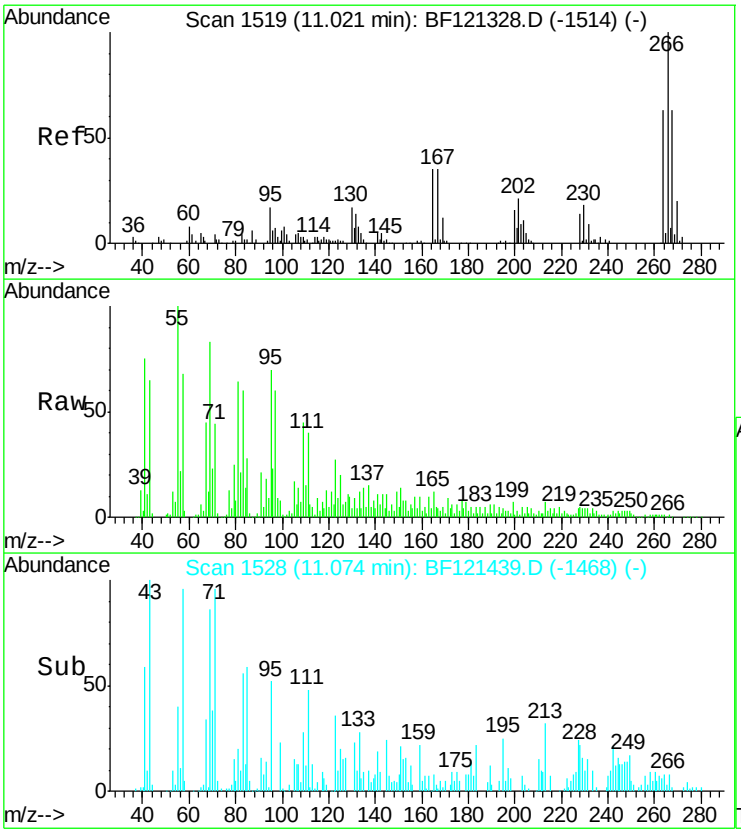
#66
n-Nitrosodiphenylamine
Concen: 4.882 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:169 Resp: 38247

Ion	Ratio	Lower	Upper
169	100		
168	20.6	53.0	79.6#
167	31.8	29.5	44.3

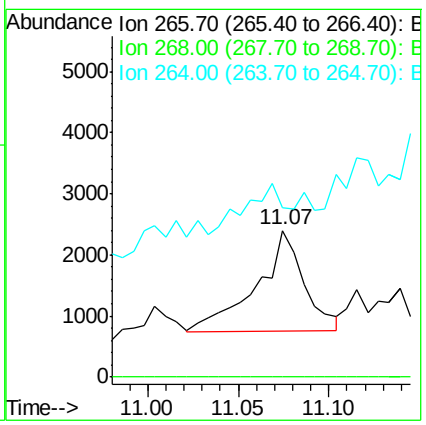


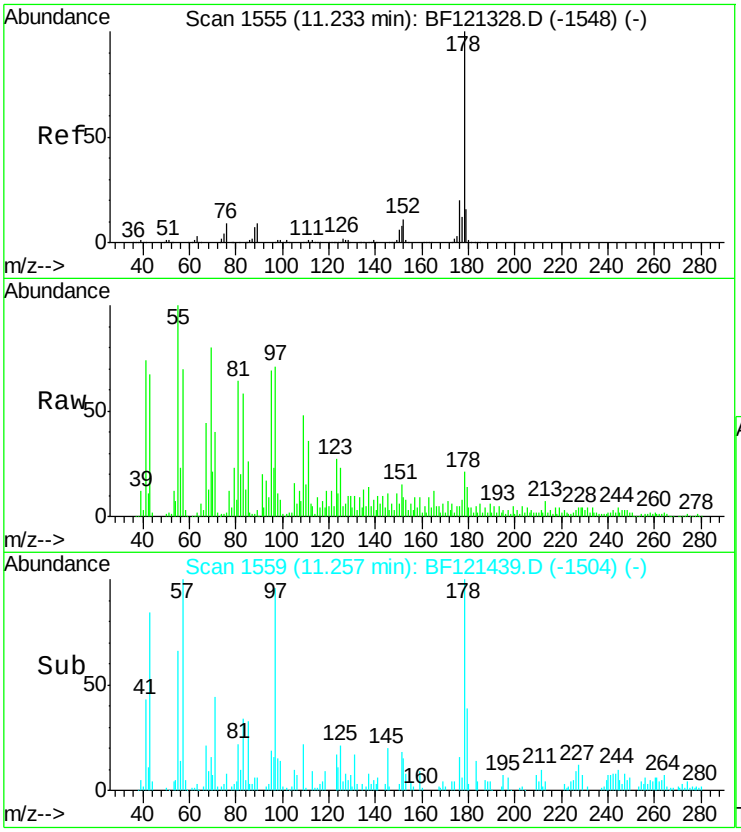


#70
Pentachlorophenol
Concen: 2.080 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.05 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:266 Resp: 3006

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.6	75.8#
264	115.7	50.5	75.7#



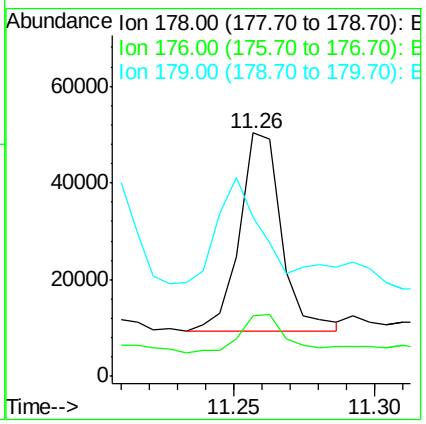


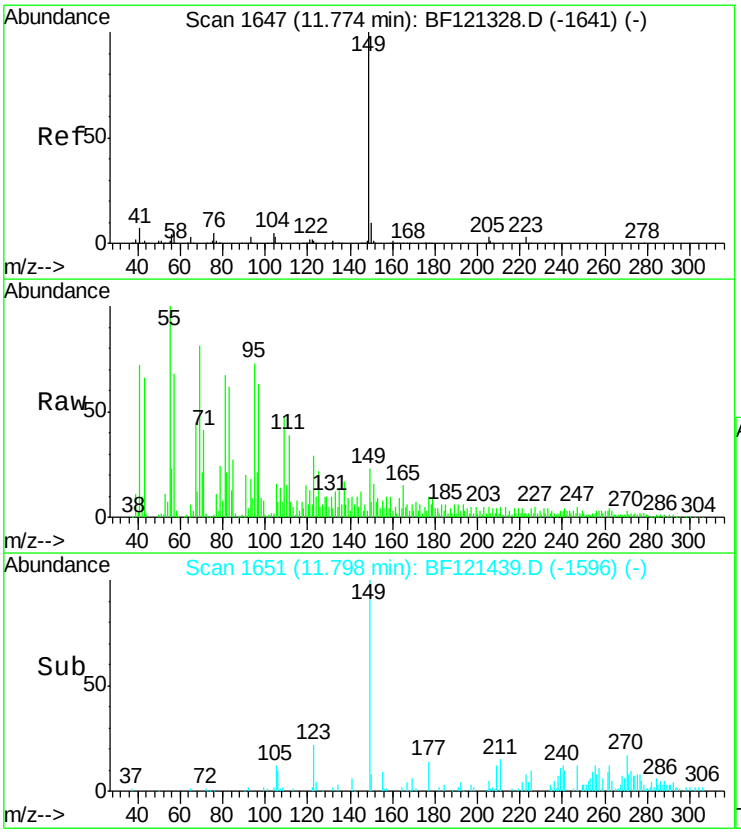
#71
Phenanthrene
Concen: 3.256 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:178 Resp: 42804

Ion	Ratio	Lower	Upper
178	100		
176	25.1	16.0	24.0#
179	65.6	12.8	19.2#

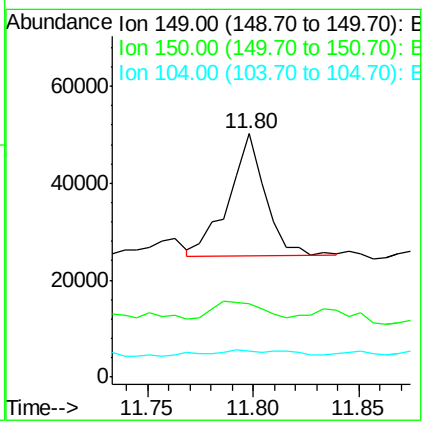


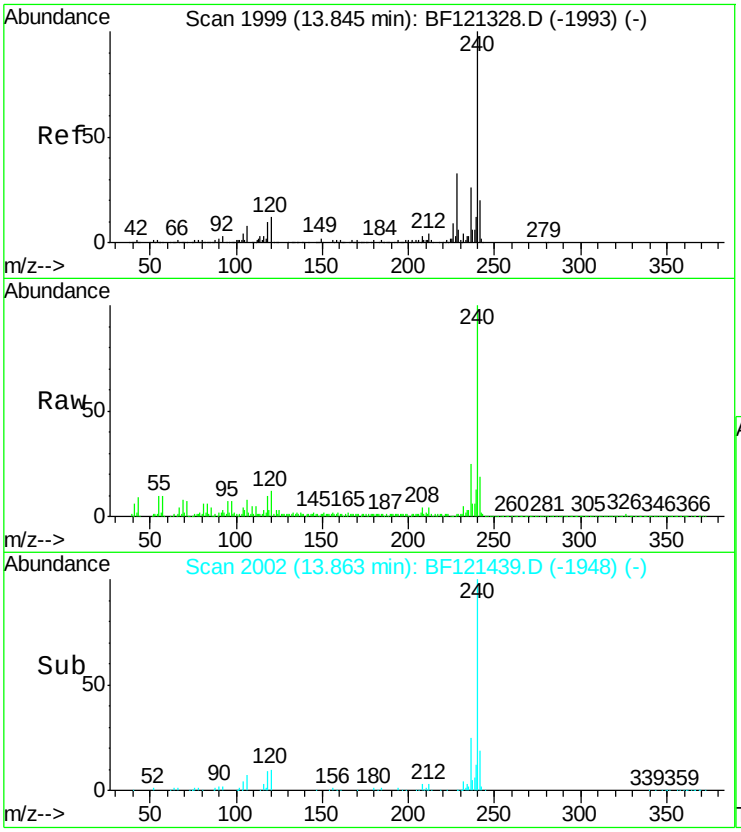


#74
Di-n-butylphthalate
Concen: 2.032 ng
RT: 11.80 min Scan# 1651
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:149 Resp: 29603

Ion	Ratio	Lower	Upper
149	100		
150	30.0	7.7	11.5#
104	10.8	3.9	5.9#



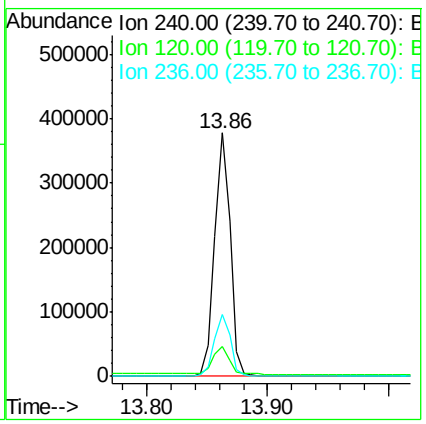


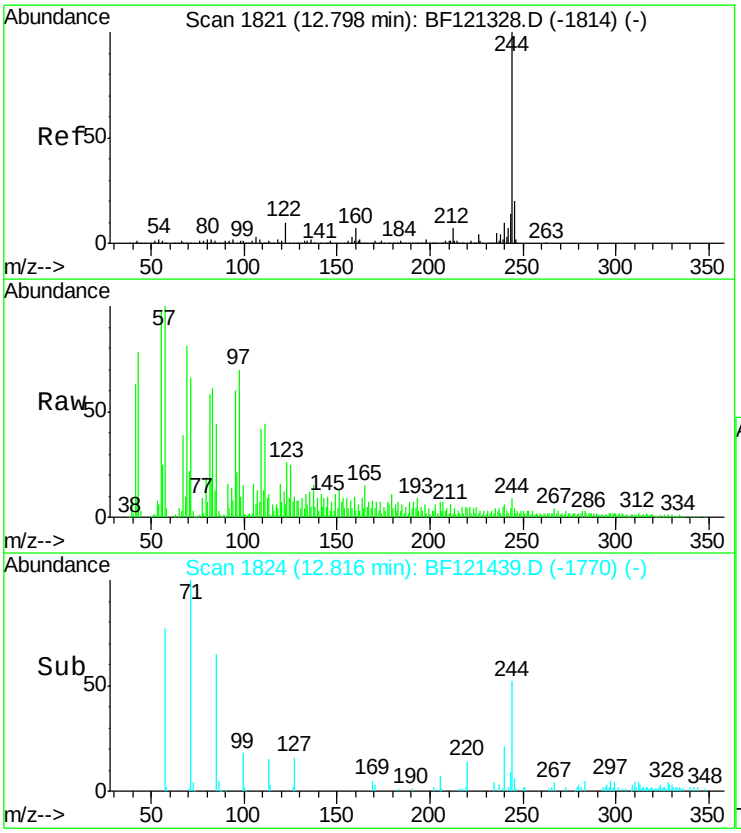
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:240 Resp: 329398

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.3	20.6	31.0

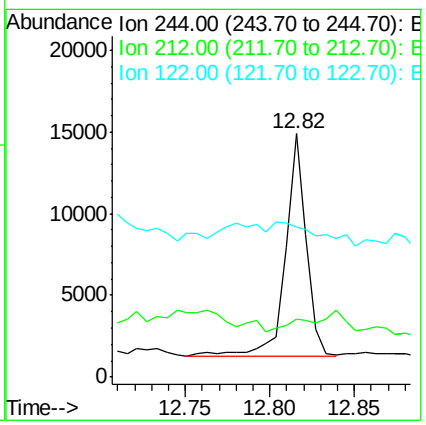


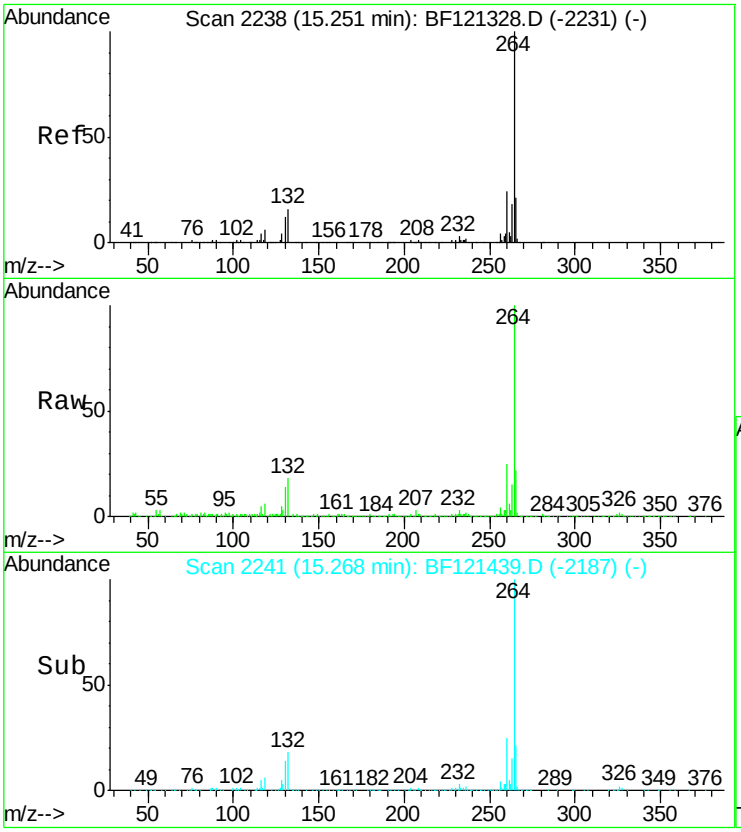


#79
Terphenyl-d14
Concen: 0.698 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:244 Resp: 11771

Ion	Ratio	Lower	Upper
244	100		
212	23.9	5.4	8.0#
122	61.5	7.8	11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampleId :
20071

Tgt Ion:264 Resp: 345831

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.7	17.1	25.7