Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010845.D
Acq On : 12 Jun 2020 14:45
Operator : CG/JU
Sample : L2988-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE132D3-20200608

Quant Time: Jun 12 15:34:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 11:11:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2638	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	9598	0.40	ng		0.00
13) Acenaphthene-d10	14.17	164	5332	0.40	ng		-0.01
19) Phenanthrene-d10	16.92	188	11163	0.40	ng		0.00
27) Chrysene-d12	21.13	240	10762	0.40	ng		0.00
34) Perylene-d12	23.28	264	11640	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	838	0.16	ng		0.00
5) Phenol-d6	6.75	99	566	0.09	ng		0.00
8) Nitrobenzene-d5	8.69	82	2461	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.90	152	4610	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	645	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	7360	0.35	ng		0.00
25) Fluoranthene-d10	18.96	212	11518	0.37	ng		0.00
29) Terphenyl-d14	19.57	244	11372	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	12591	4.873	ng		98
6) bis(2-Chloroethyl)ether	7.00	93	122	0.021	ng		89
32) Bis(2-ethylhexyl)phthalate	21.07	149	2350	0.223	ng		98
39) Benzo(g,h,i)perylene	26.03	276	1220	0.030	ng	#	56

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

Quantitation Report (QT Reviewed)

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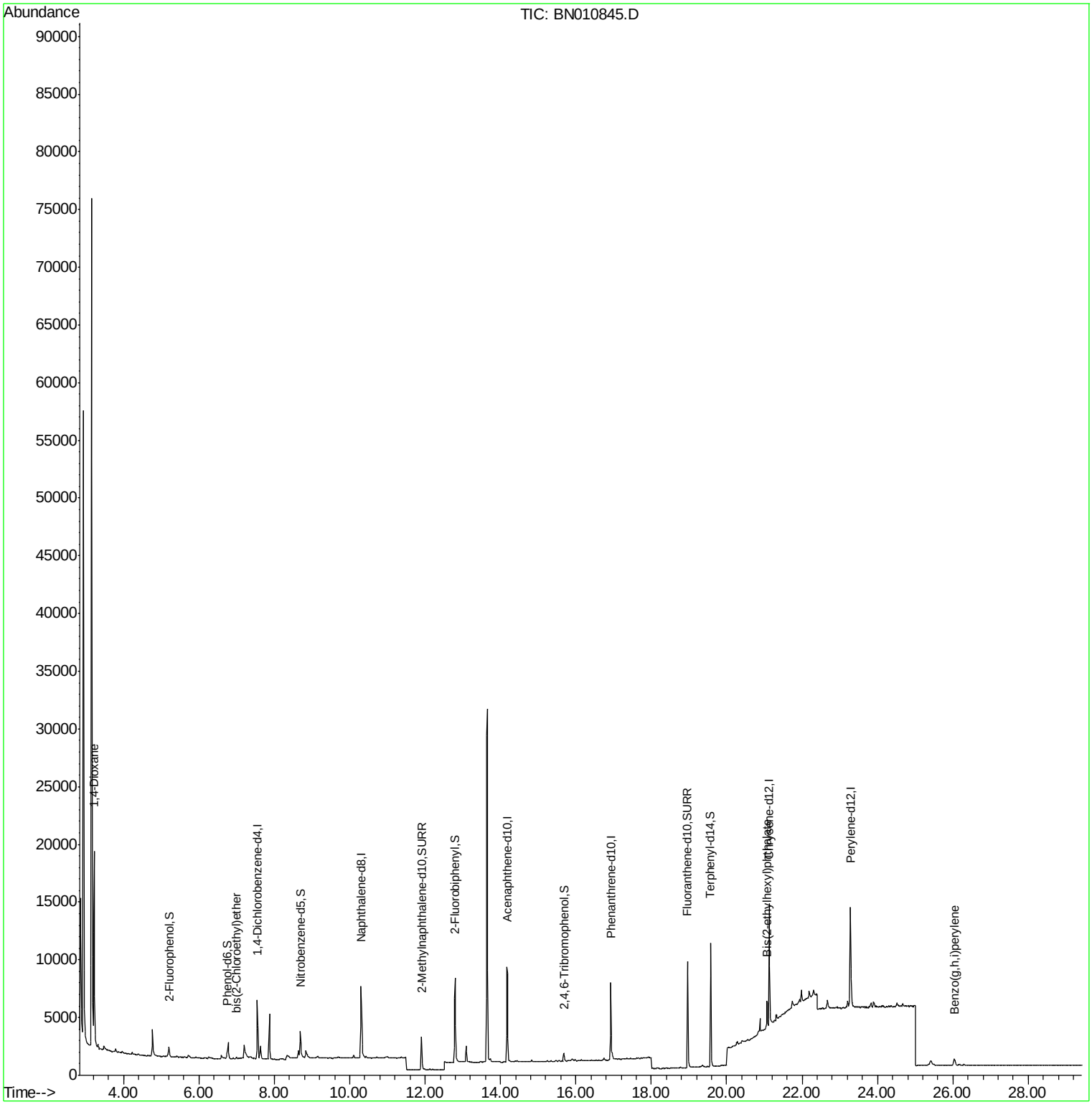
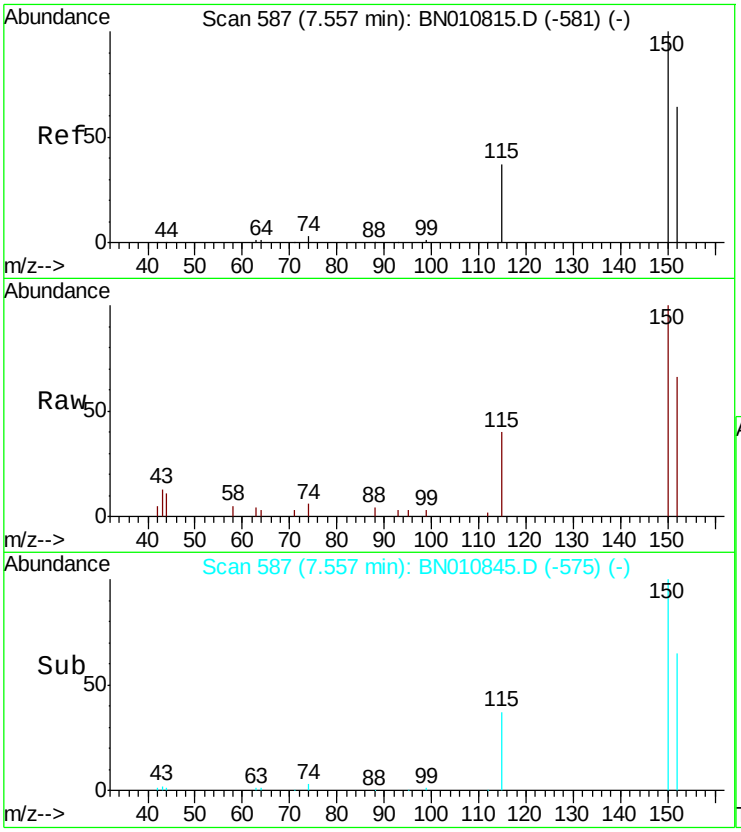
Quant Time: Jun 12 15:34:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 11:11:17 2020
Response via : Initial Calibration



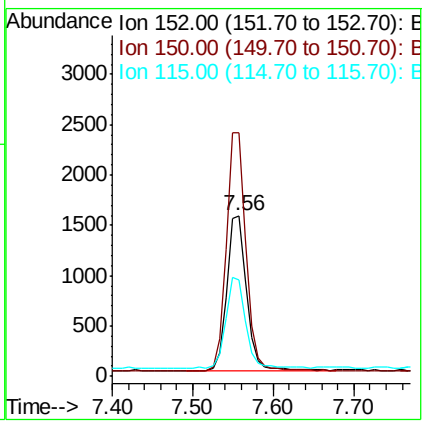


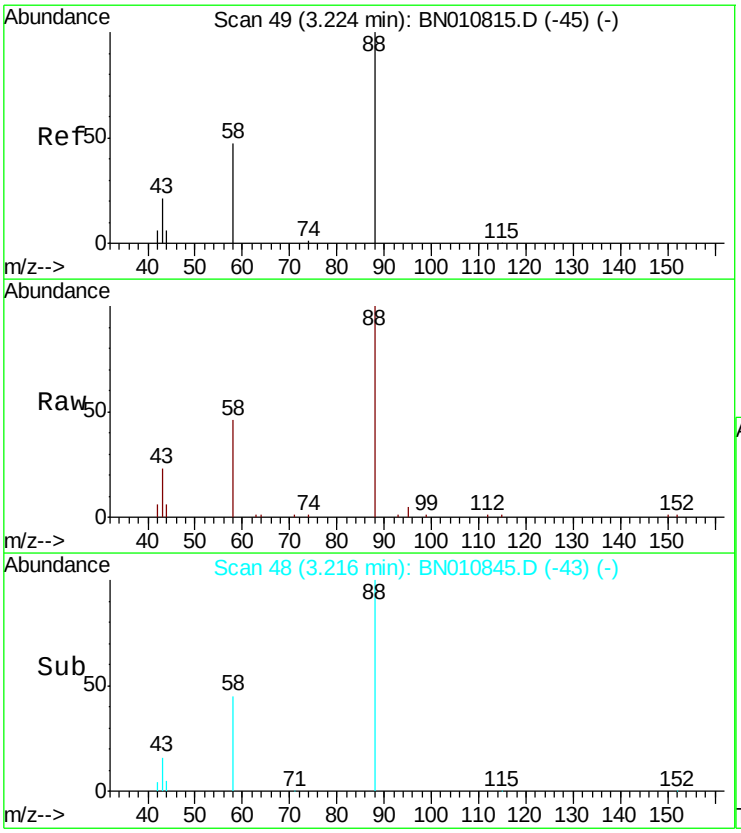
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion:152 Resp: 2638

Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.8	185.6
115	60.2	49.2	73.8

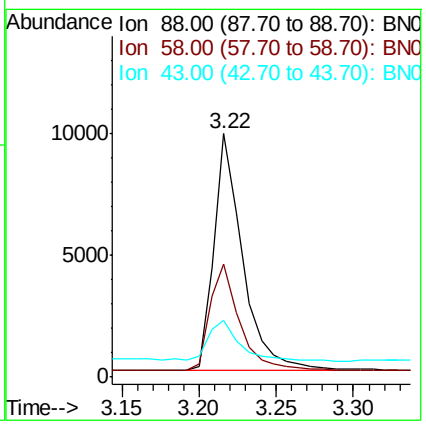


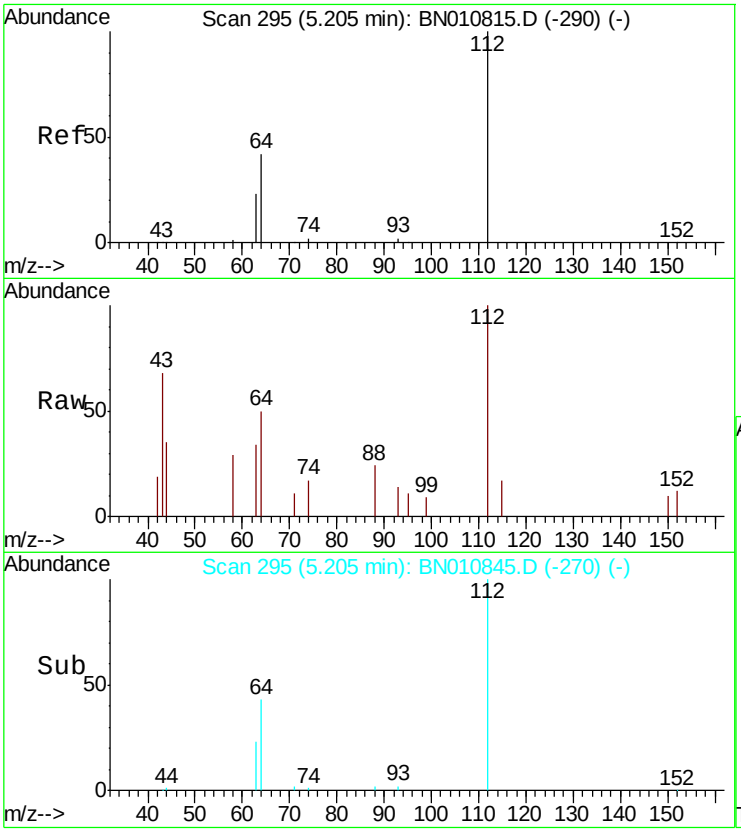


#2
1,4-Dioxane
Concen: 4.873 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion: 88 Resp: 12591

Ion	Ratio	Lower	Upper
88	100		
58	46.5	38.2	57.4
43	18.2	15.1	22.7



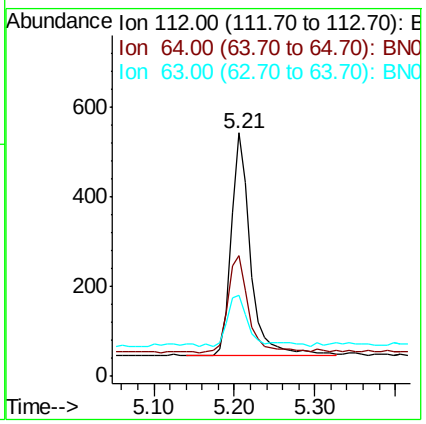


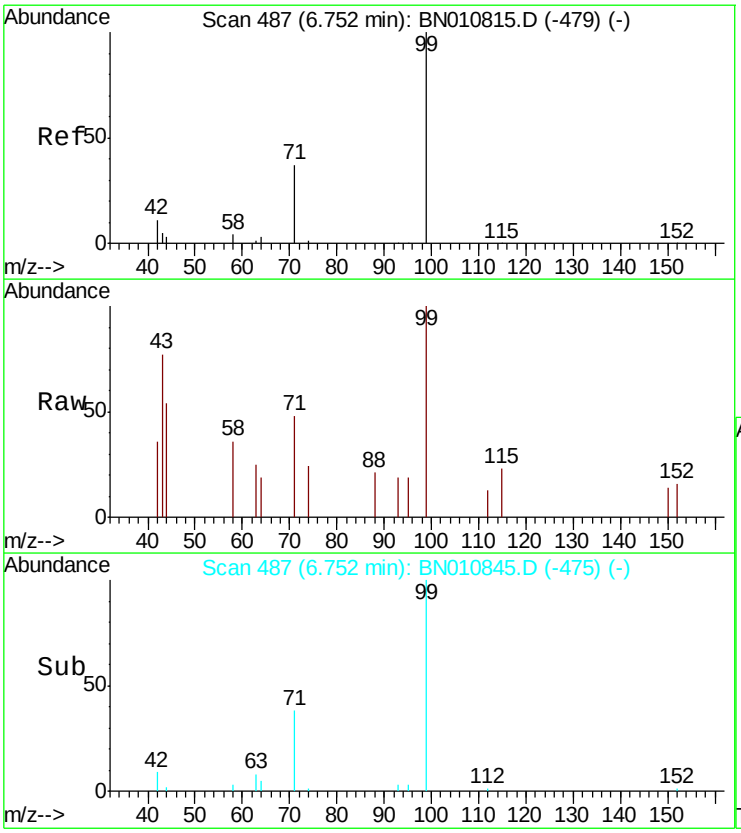
#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion:112 Resp: 838

Ion	Ratio	Lower	Upper
112	100		
64	46.3	37.4	56.0
63	24.1	22.2	33.4

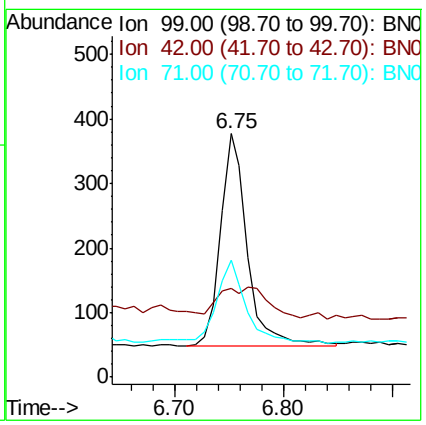


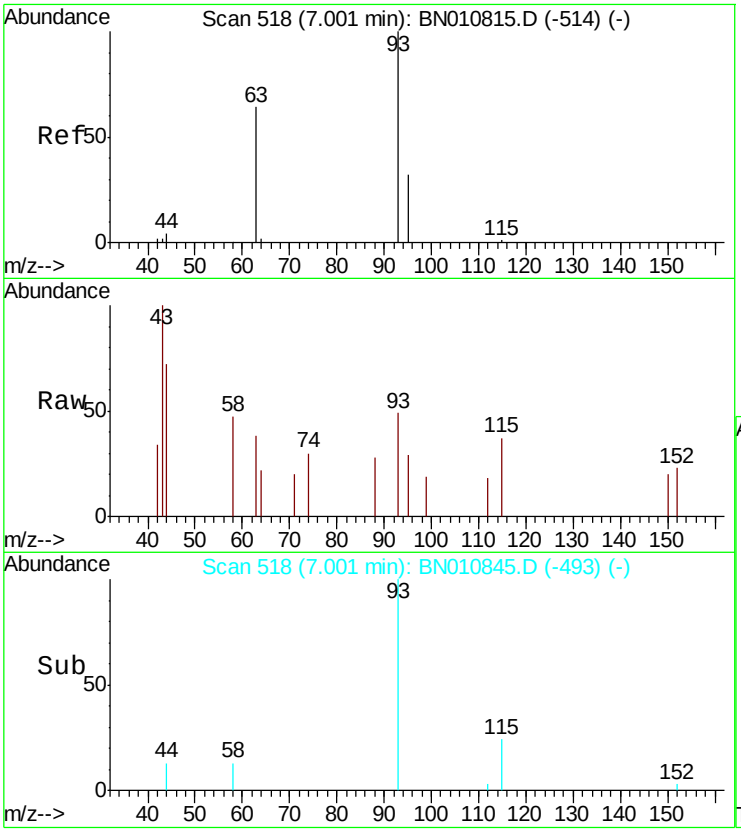


#5
Phenol-d6
Concen: 0.094 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion: 99 Resp: 566

Ion	Ratio	Lower	Upper
99	100		
42	10.6	11.1	16.7#
71	45.1	31.4	47.2



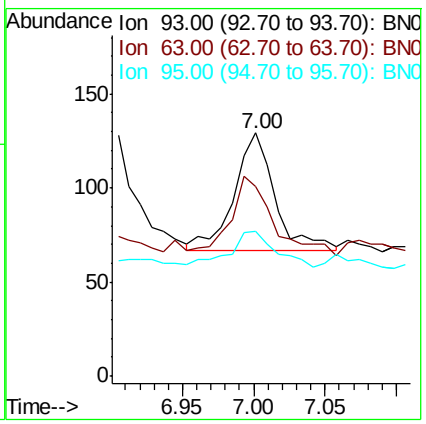


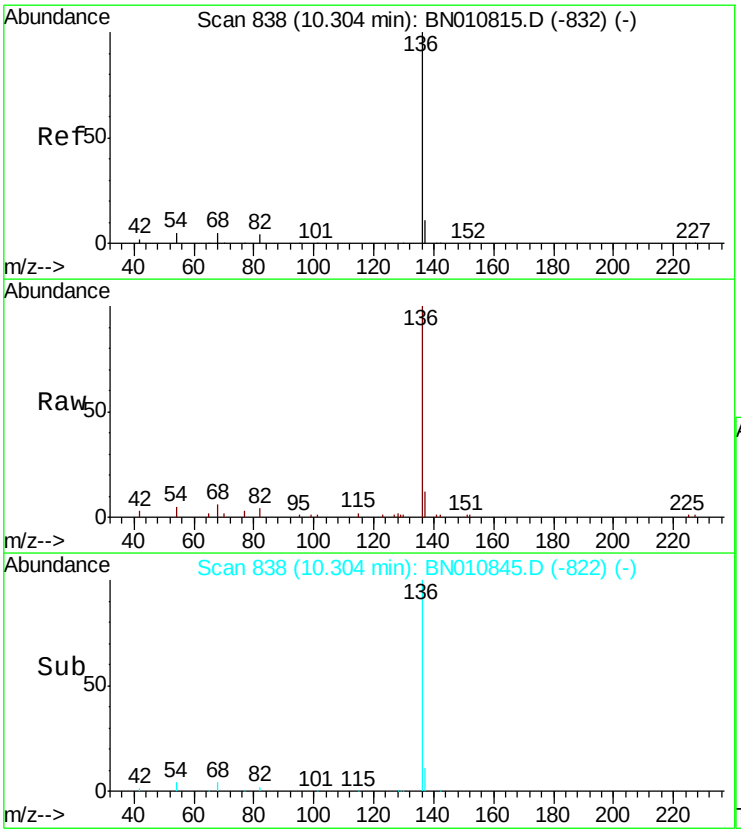
#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion: 93 Resp: 122

Ion	Ratio	Lower	Upper
93	100		
63	72.1	49.4	74.2
95	36.9	26.7	40.1

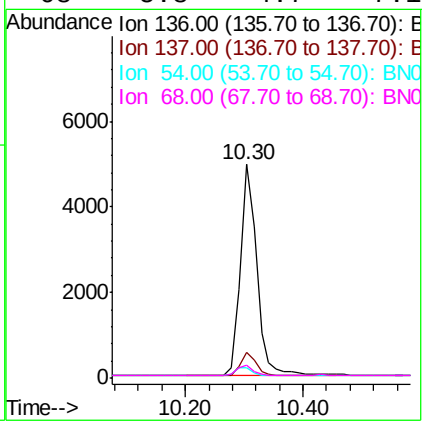


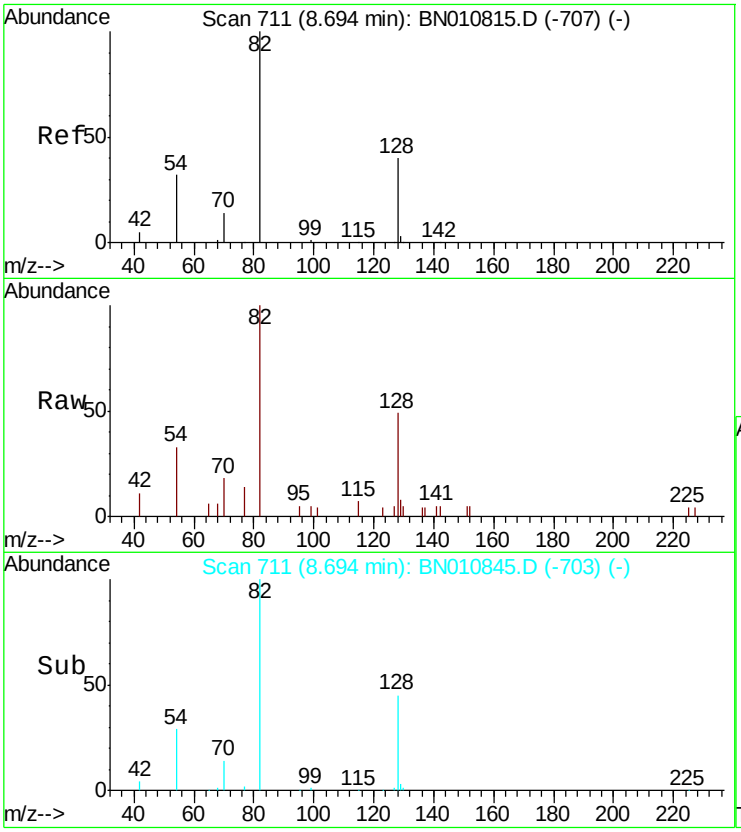


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion:136 Resp: 9598

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	4.7	4.9	7.3#
68	5.8	4.7	7.1



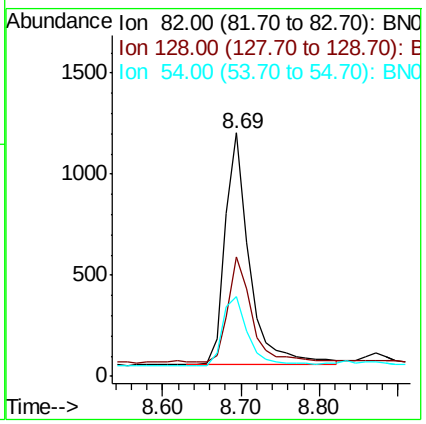


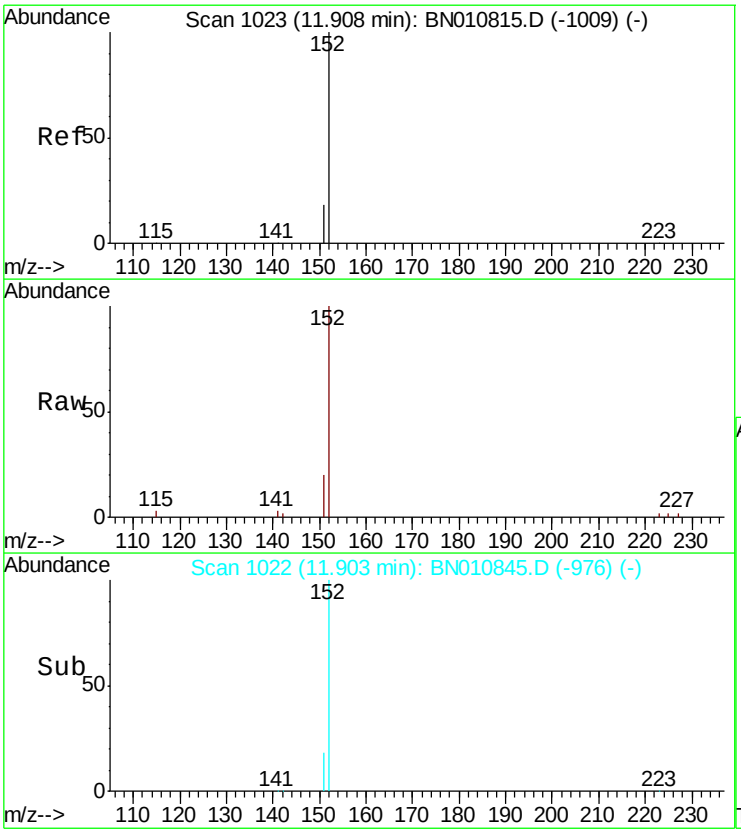
#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion: 82 Resp: 2461

Ion	Ratio	Lower	Upper
82	100		
128	48.9	35.4	53.0
54	32.6	28.2	42.4

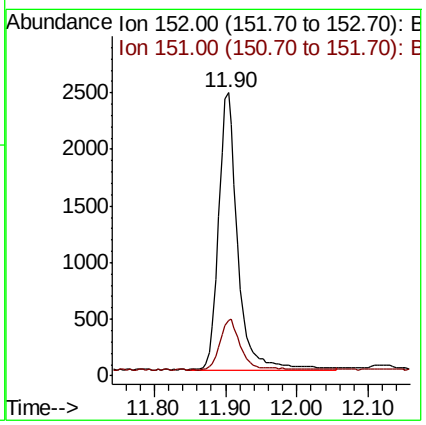


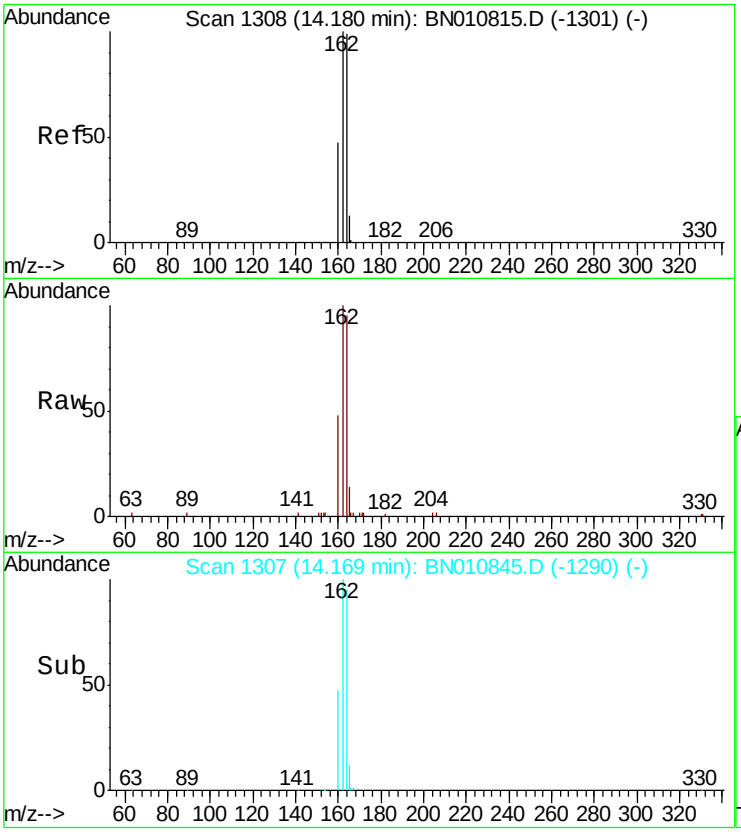


#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 11.90 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion:152 Resp: 4610

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9



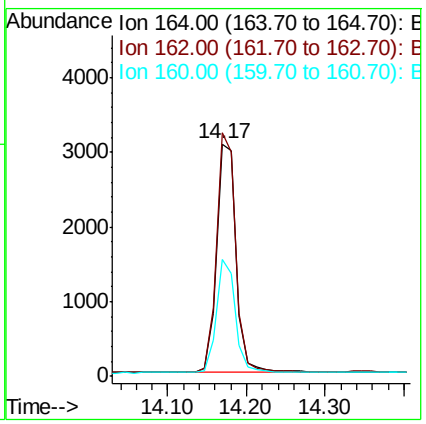


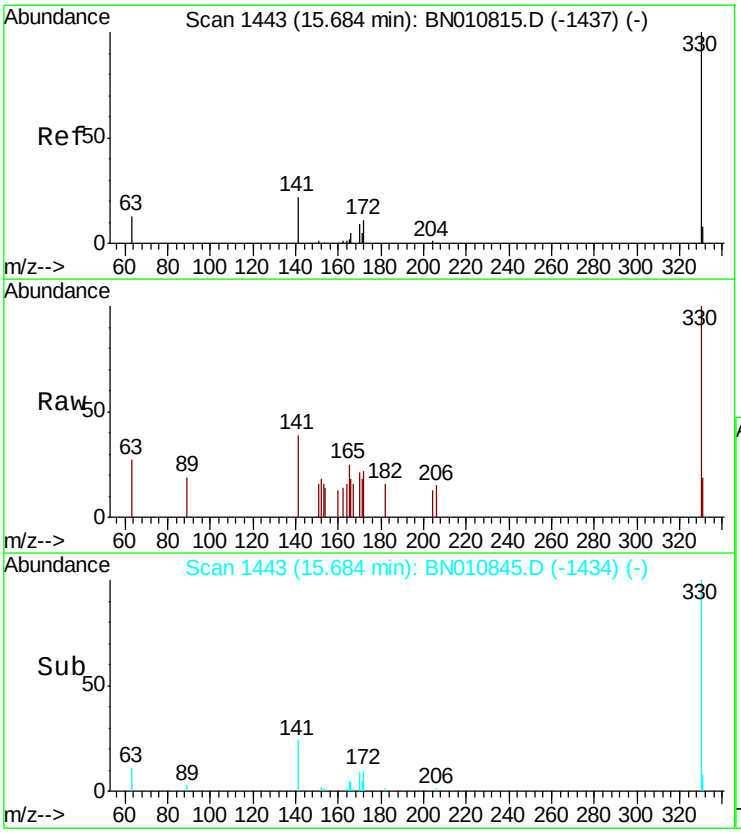
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion:164 Resp: 5332

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.0	121.6
160	50.1	38.9	58.3

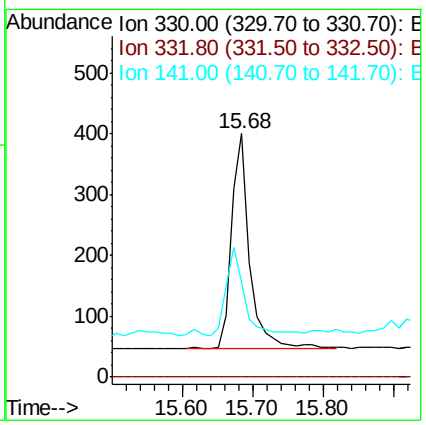


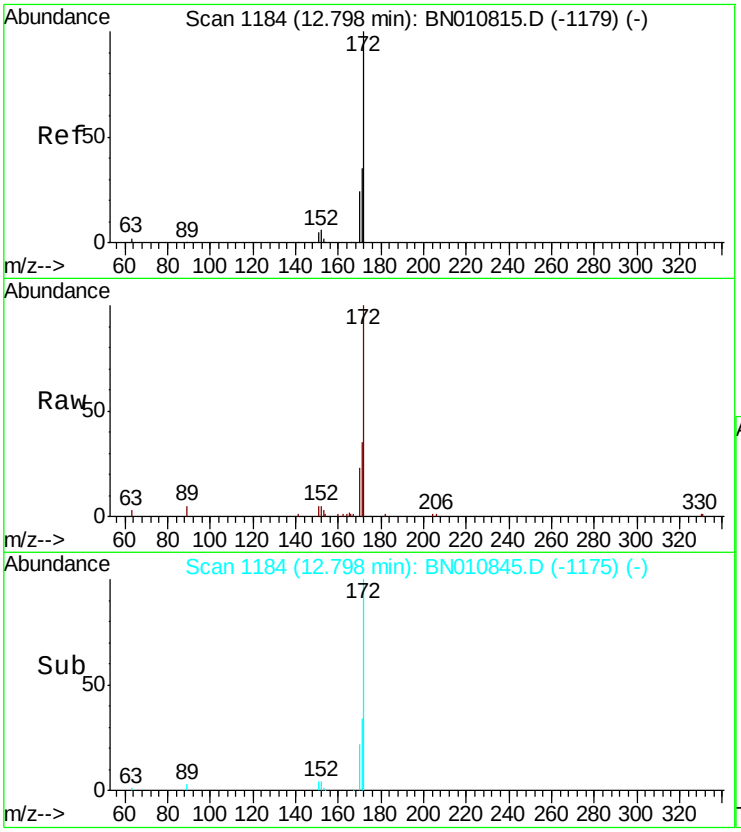


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion:330 Resp: 645

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.6	33.2	49.8



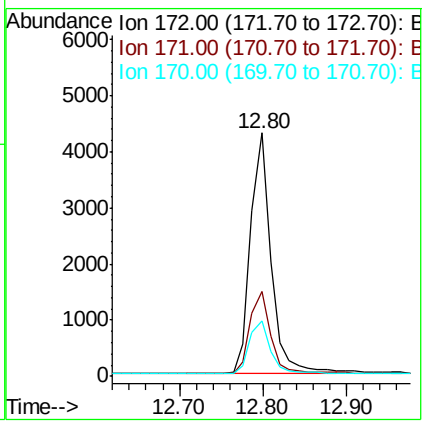


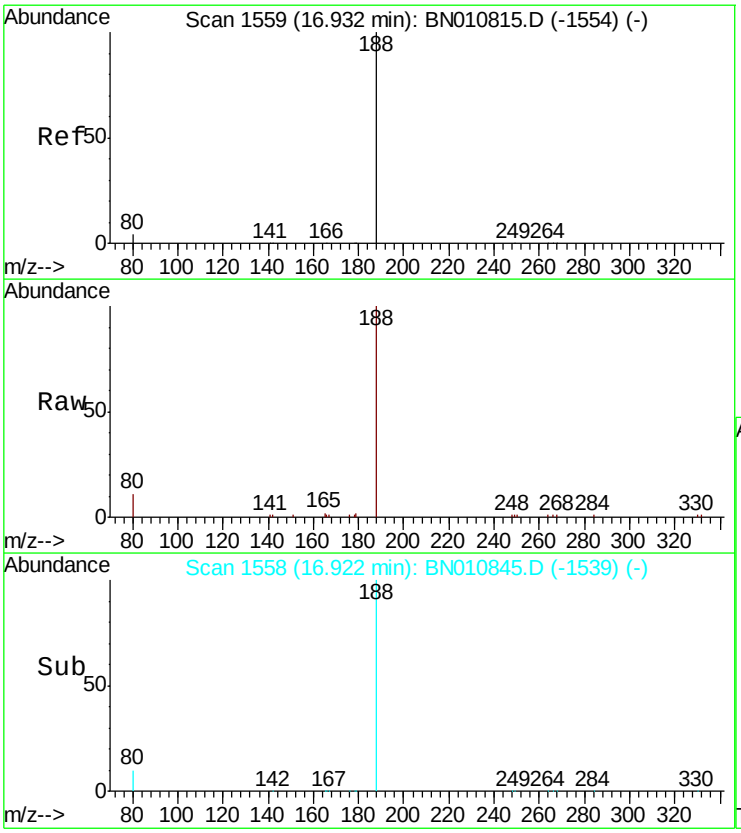
#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion:172 Resp: 7360

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.9	19.7	29.5

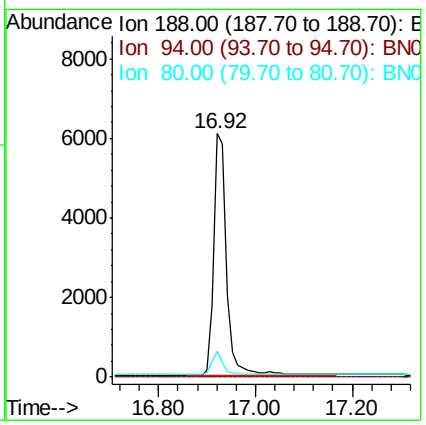


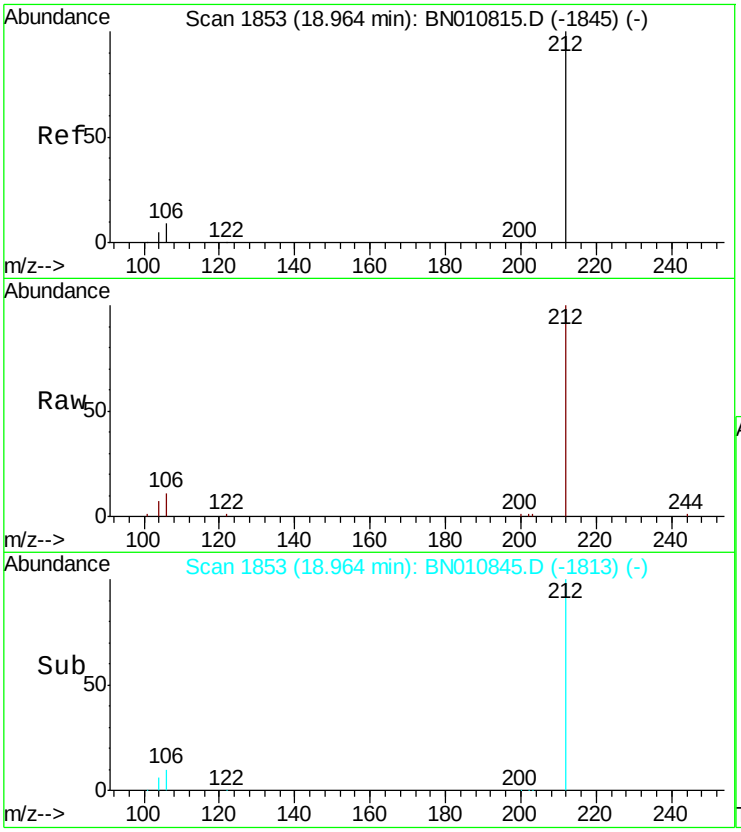


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion:188 Resp: 11163

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	4.5	6.7#



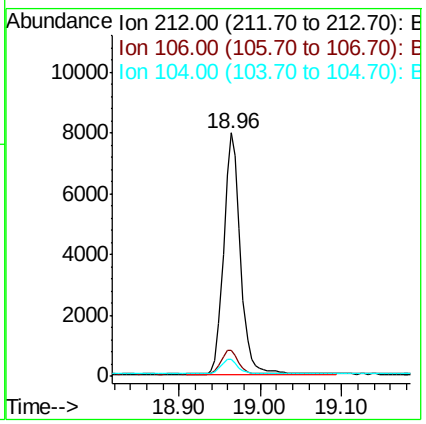


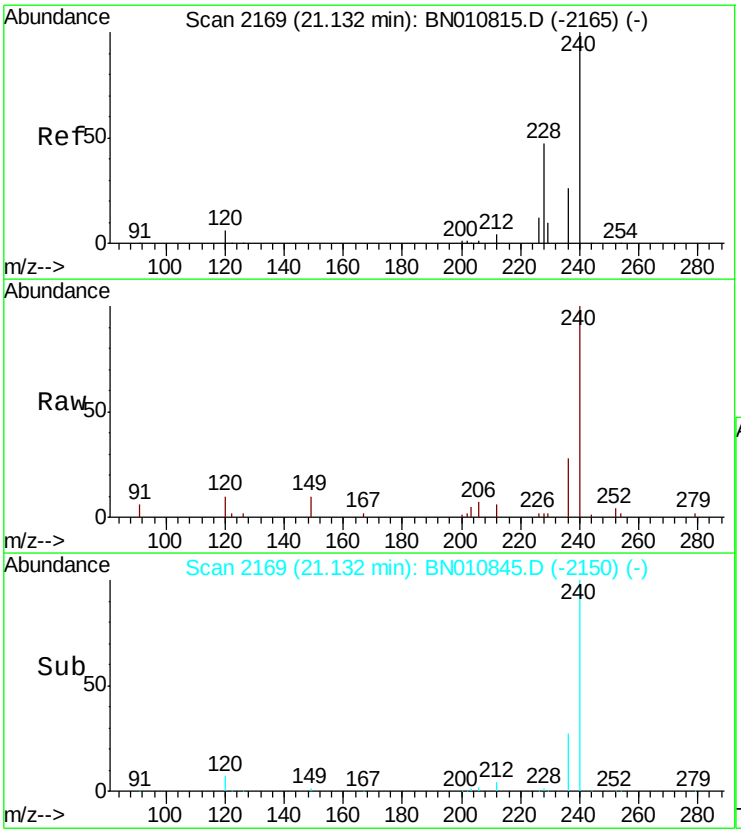
#25
Fluoranthene-d10
Concen: 0.374 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion:212 Resp: 11518

Ion	Ratio	Lower	Upper
212	100		
106	10.1	6.6	10.0#
104	5.8	4.0	6.0

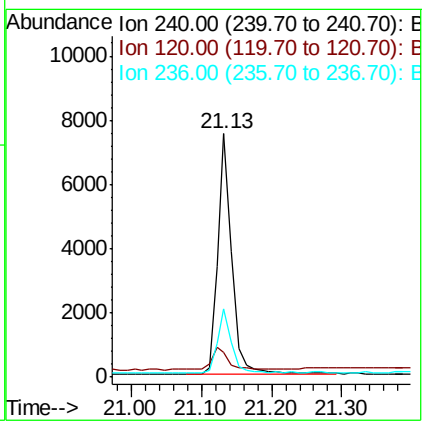


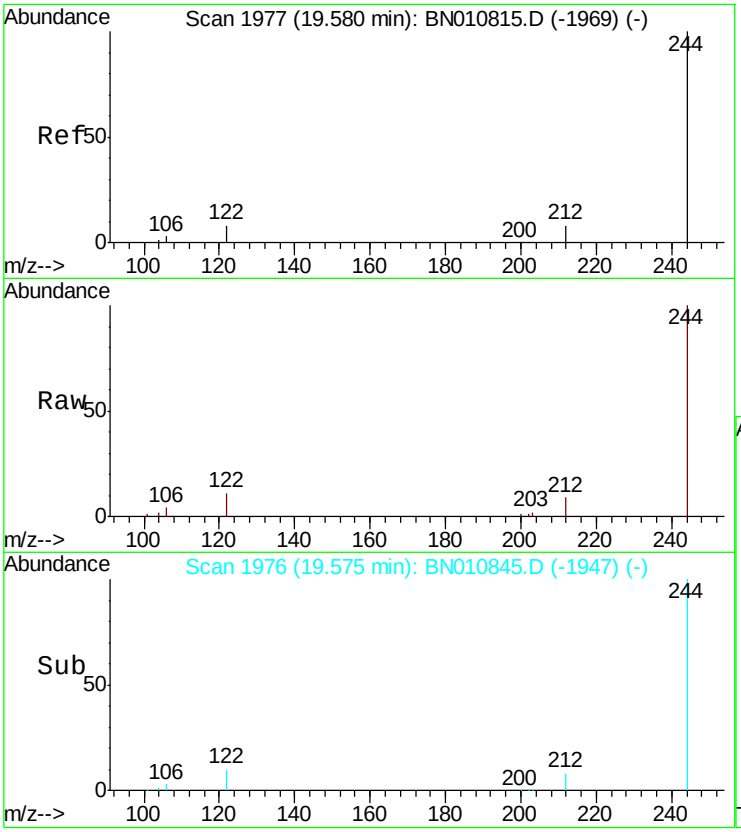


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion:240 Resp: 10762

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	28.1	22.3	33.5



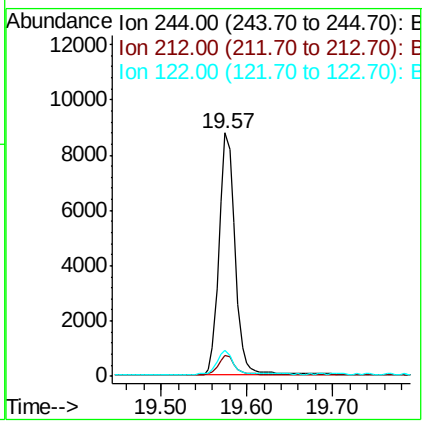


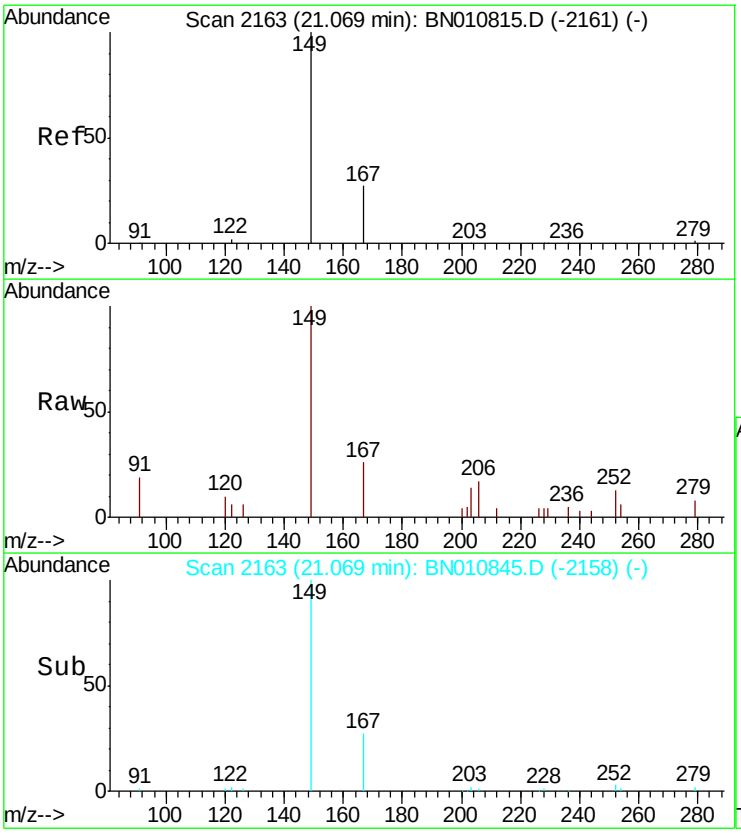
#29
Terphenyl-d14
Concen: 0.451 ng
RT: 19.57 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion:244 Resp: 11372

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	10.7	7.5	11.3

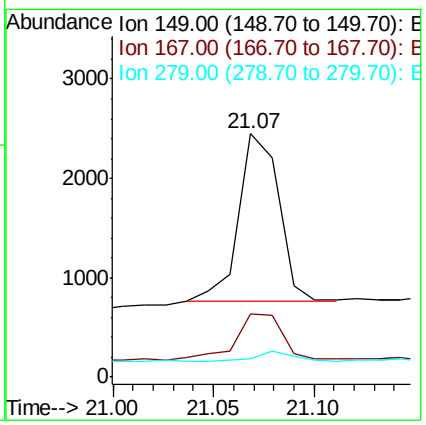


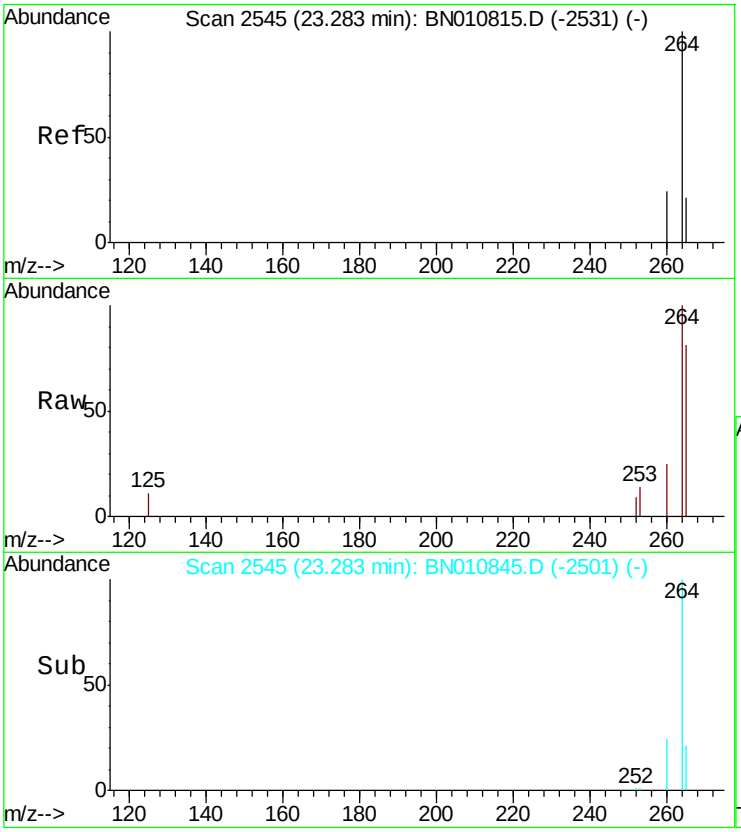


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.223 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion:149 Resp: 2350

Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.1	36.1
279	5.4	4.6	7.0



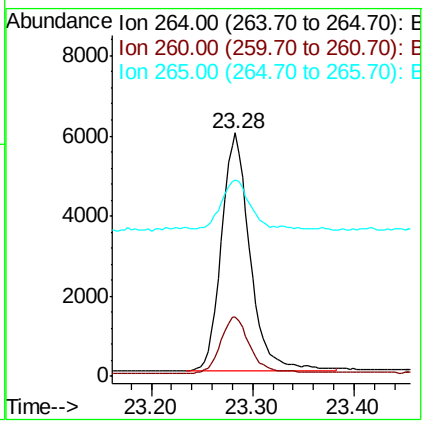


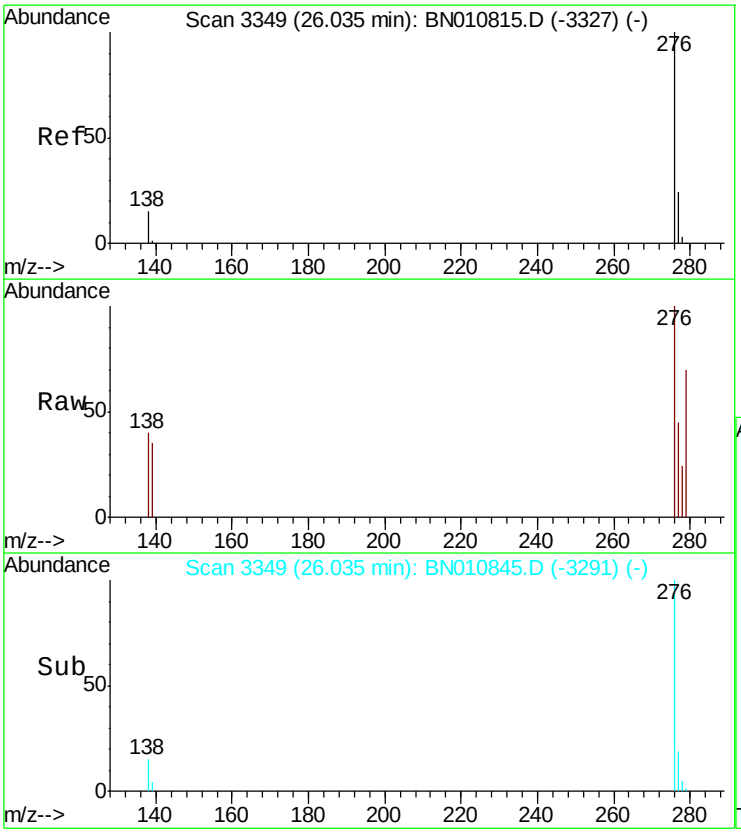
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion:264 Resp: 11640

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	80.8	75.0	112.4





#39
Benzo(g,h,i)perylene
Concen: 0.030 ng
RT: 26.03 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion:276 Resp: 1220

Ion	Ratio	Lower	Upper
276	100		
277	44.7	20.5	30.7#
138	39.9	13.7	20.5#