Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010828.D
Acq On : 10 Jun 2020 21:39
Operator : CG/JU
Sample : L2904-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : VE-4-11

Quant Time: Jun 11 09:55:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3144	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11147	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	7372	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	15004	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	14930	0.40	ng	0.00
34) Perylene-d12	23.28	264	15919	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	990	0.16	ng	0.00
5) Phenol-d6	6.75	99	671	0.09	ng	0.00
8) Nitrobenzene-d5	8.69	82	3104	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	5476	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	1110	0.42	ng	-0.01
15) 2-Fluorobiphenyl	12.80	172	9077	0.31	ng	0.00
25) Fluoranthene-d10	18.96	212	15311	0.37	ng	0.00
29) Terphenyl-d14	19.58	244	12883	0.37	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	16.96	178	1823	0.044	ng	# 18
24) Anthracene	17.06	178	9121	0.267	ng	# 86
28) Pyrene	19.36	202	4219	0.085	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.08	149	2143	0.146	ng	98

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

Quantitation Report (QT Reviewed)

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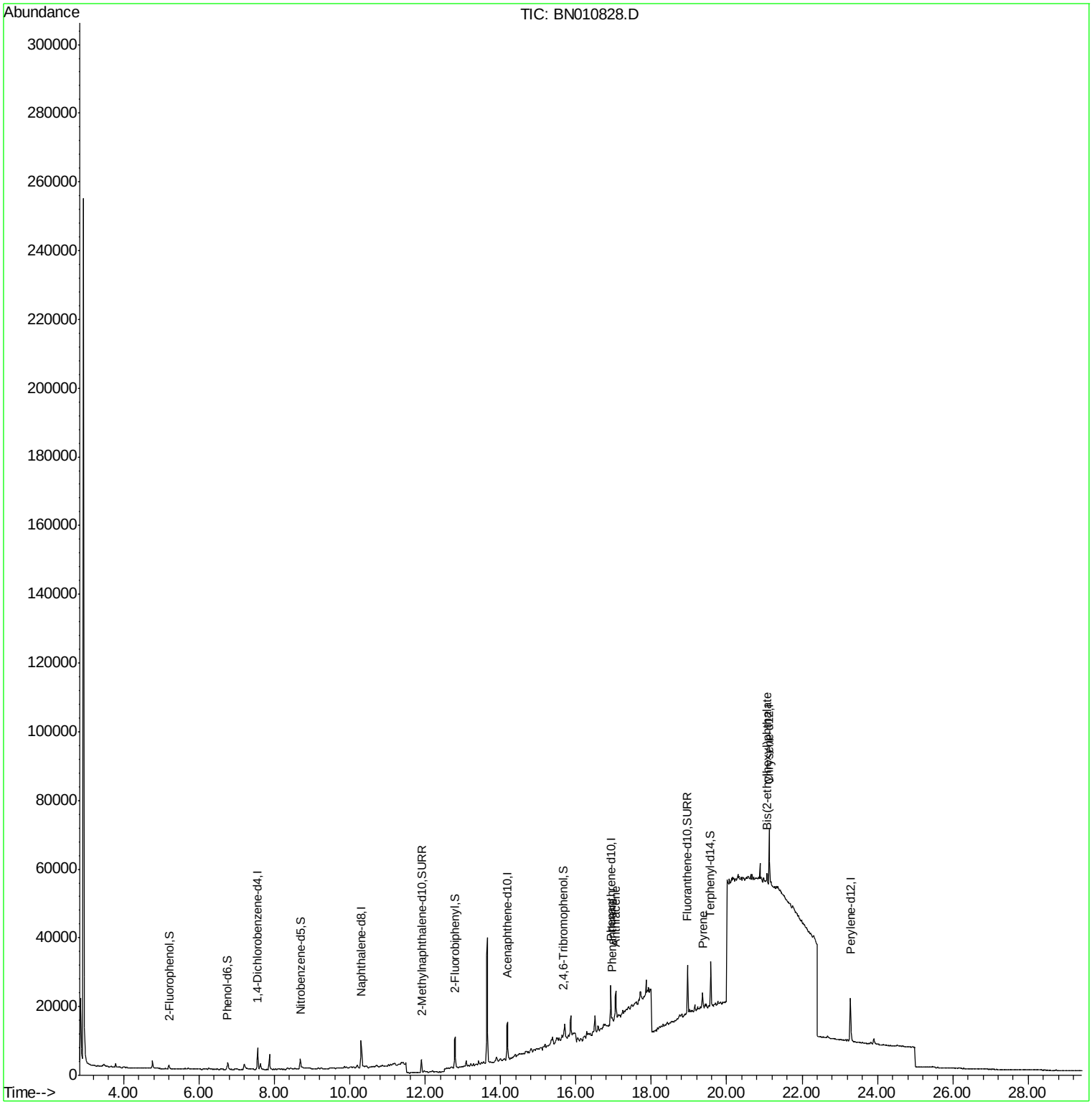
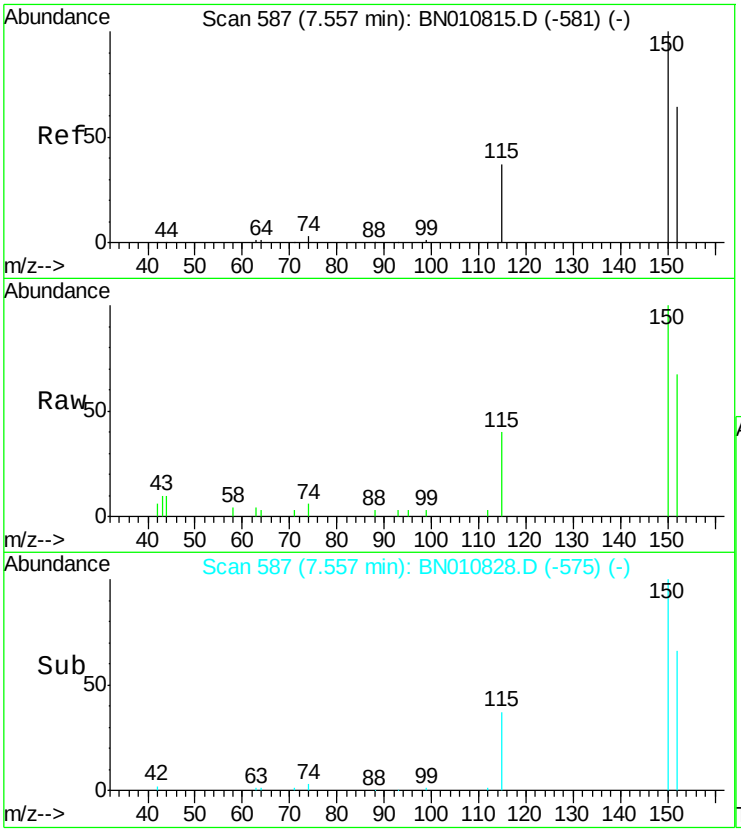
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration



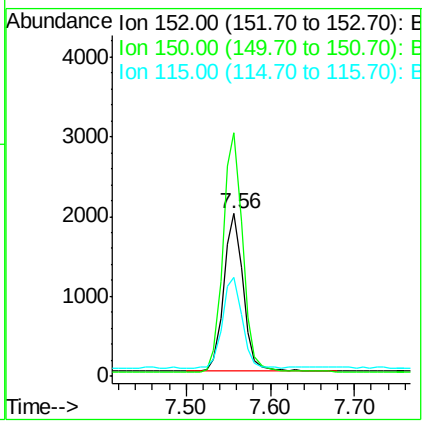


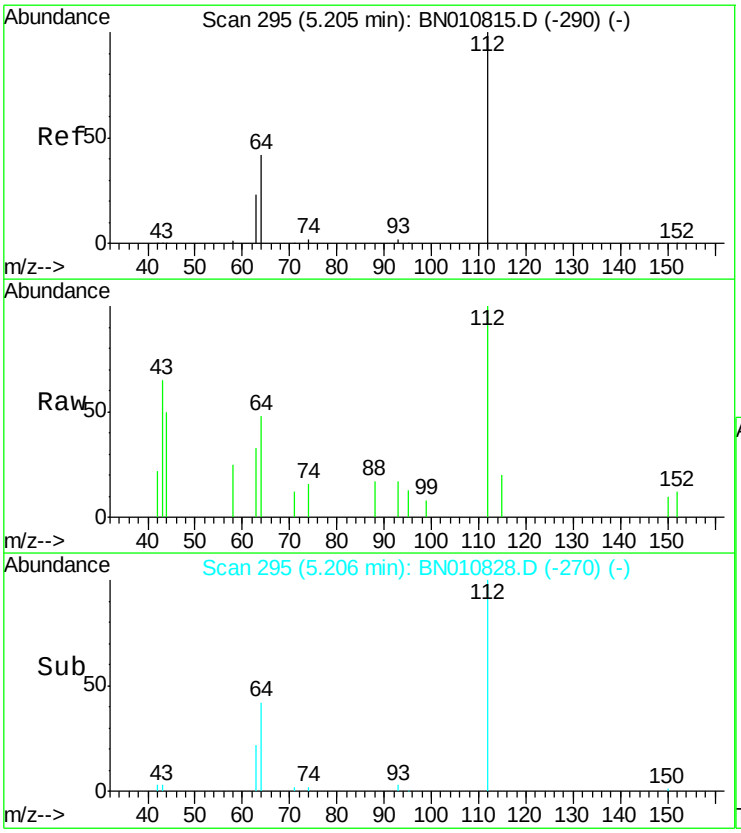
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tgt Ion:152 Resp: 3144

Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.8	185.6
115	60.5	49.2	73.8

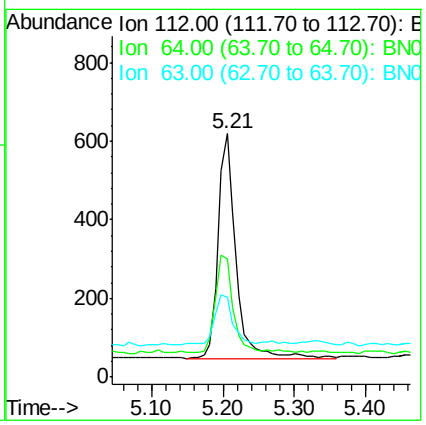


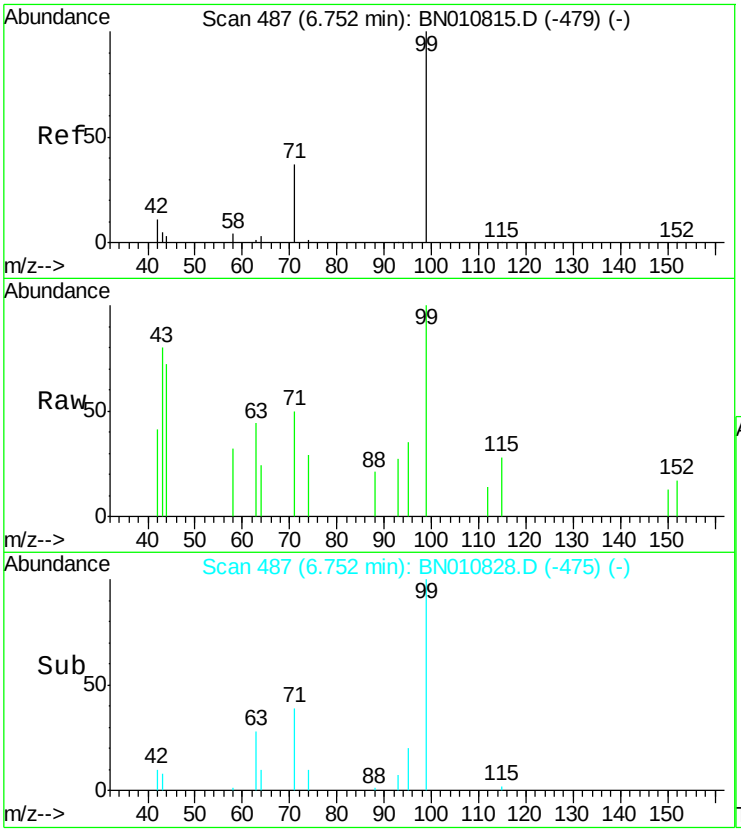


#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:112 Resp: 990

Ion	Ratio	Lower	Upper
112	100		
64	43.2	37.4	56.0
63	24.4	22.2	33.4



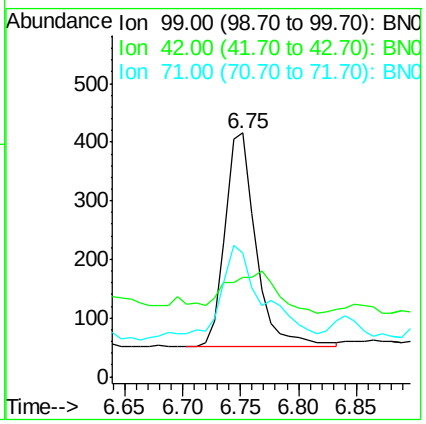


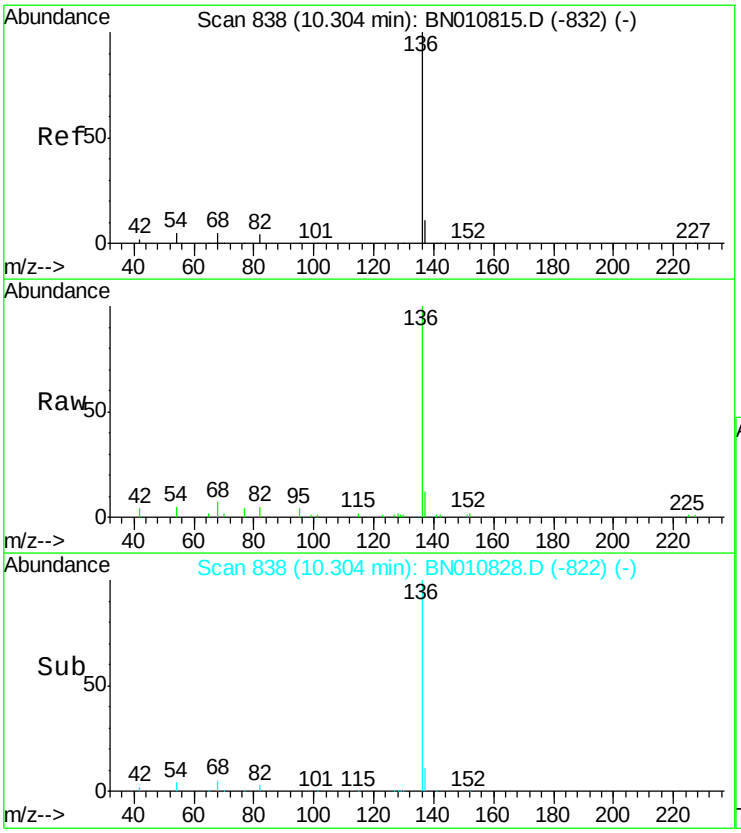
#5
Phenol-d6
Concen: 0.094 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tgt Ion: 99 Resp: 671

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.1	16.7#
71	57.8	31.4	47.2#

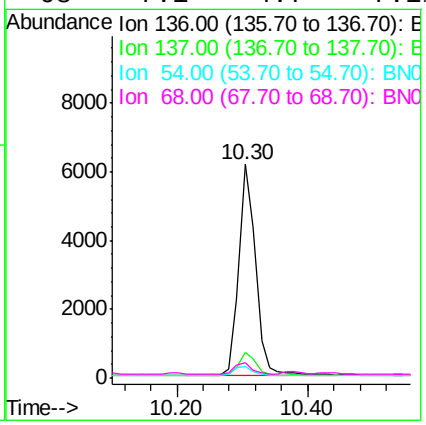


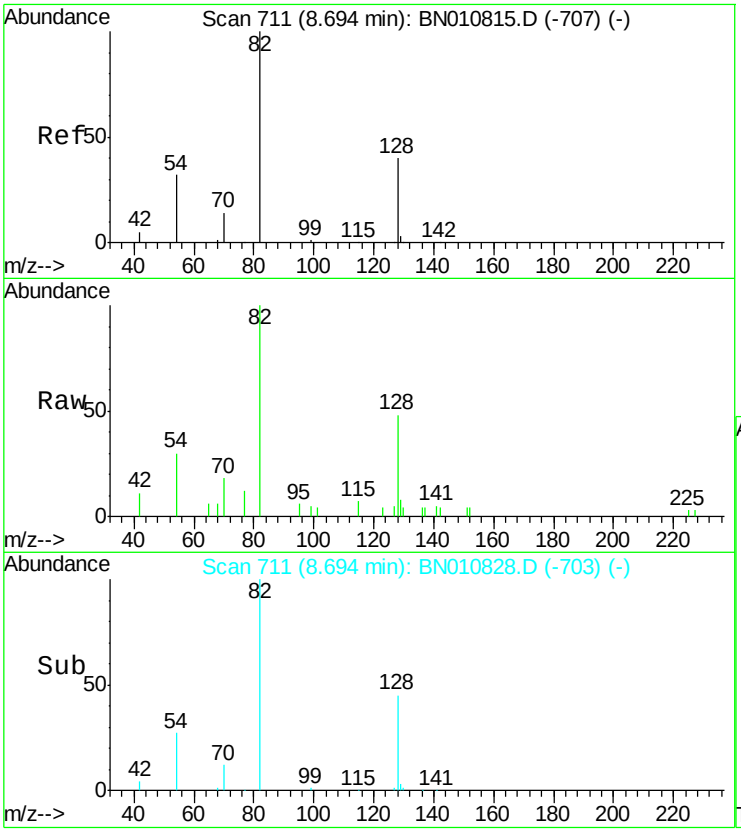


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:136 Resp: 11147

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	5.2	4.9	7.3
68	7.1	4.7	7.1#



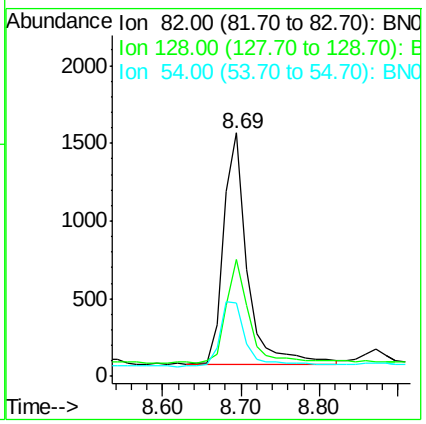


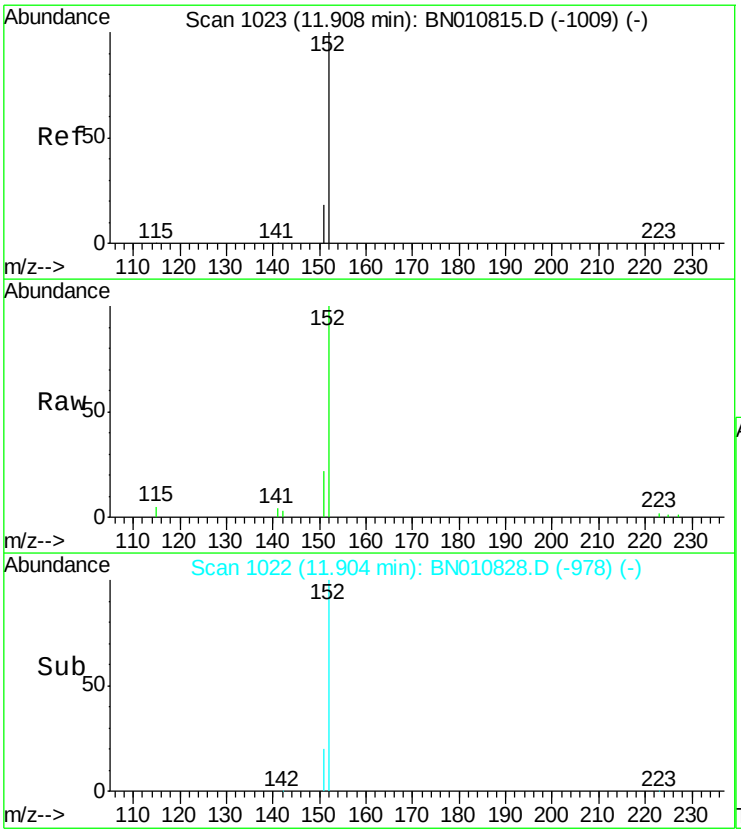
#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tgt Ion: 82 Resp: 3104

Ion	Ratio	Lower	Upper
82	100		
128	48.2	35.4	53.0
54	30.0	28.2	42.4

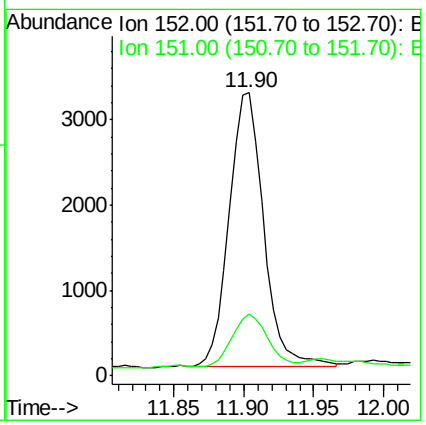


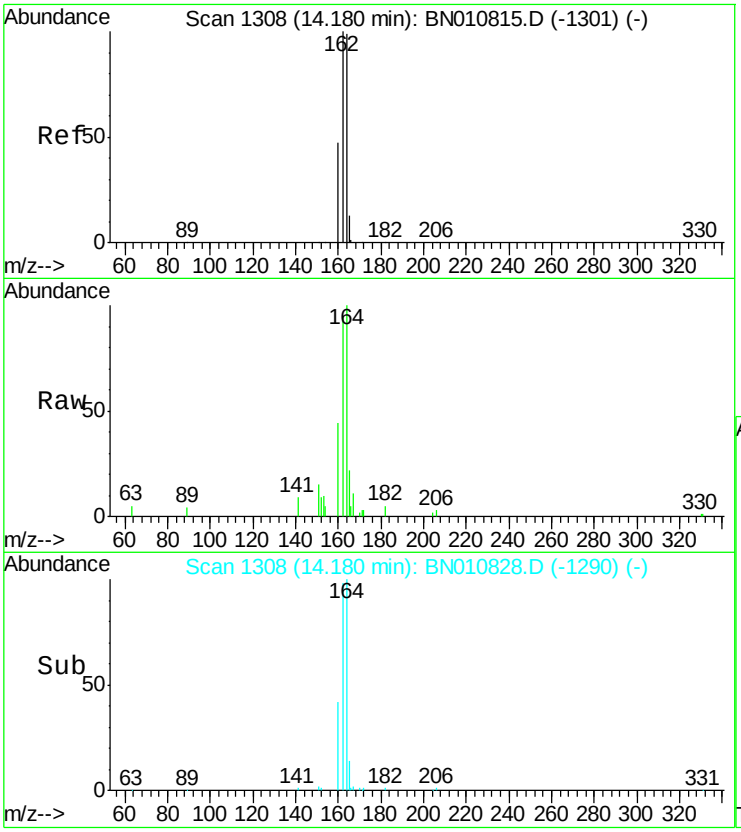


#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.90 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:152 Resp: 5476

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.3	22.9



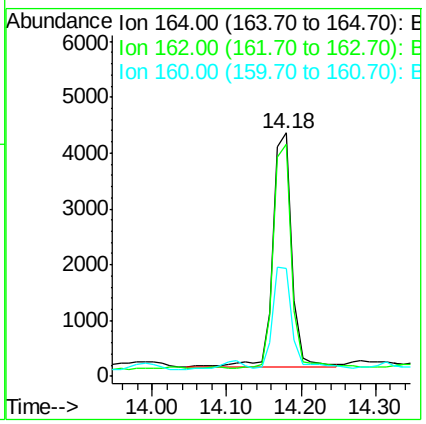


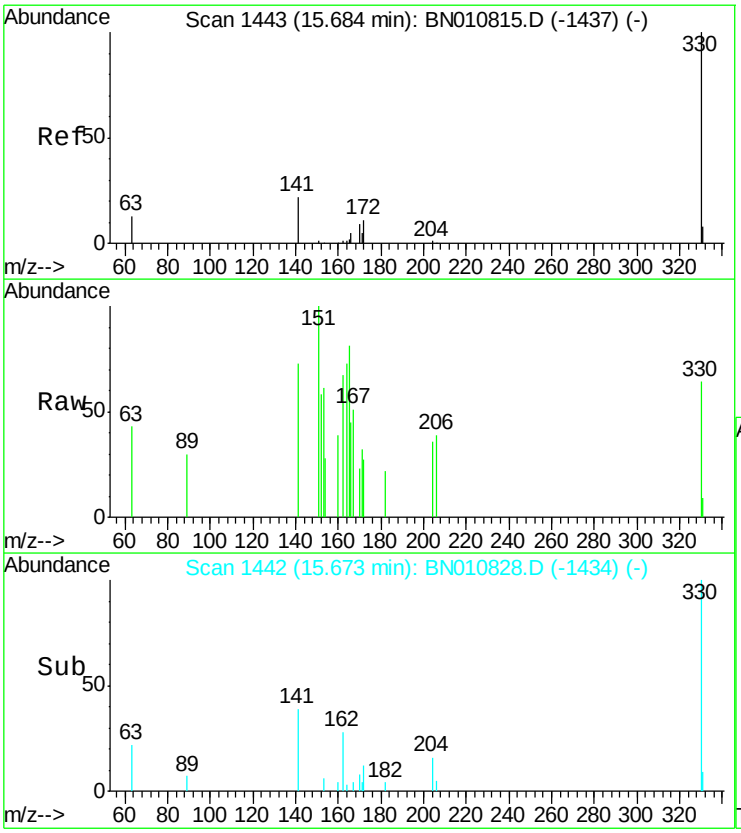
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tgt Ion:164 Resp: 7372

Ion	Ratio	Lower	Upper
164	100		
162	95.3	81.0	121.6
160	44.1	38.9	58.3

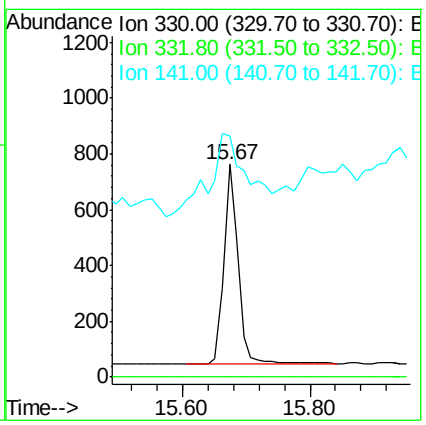


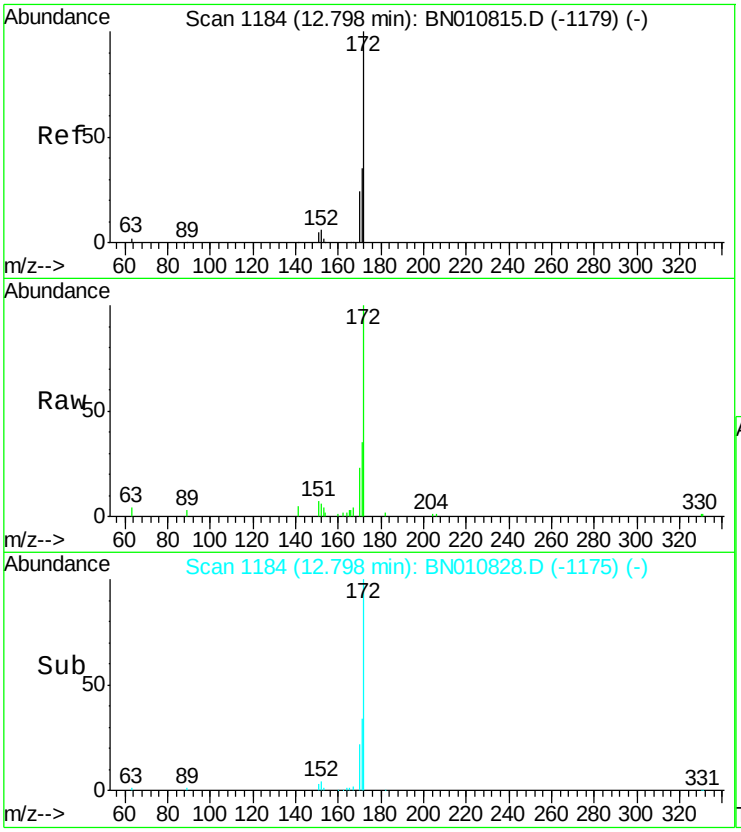


#14
2,4,6-Tribromophenol
Concen: 0.421 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:330 Resp: 1110

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	66.1	33.2	49.8#



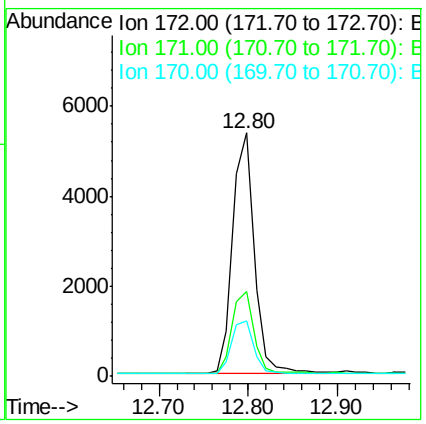


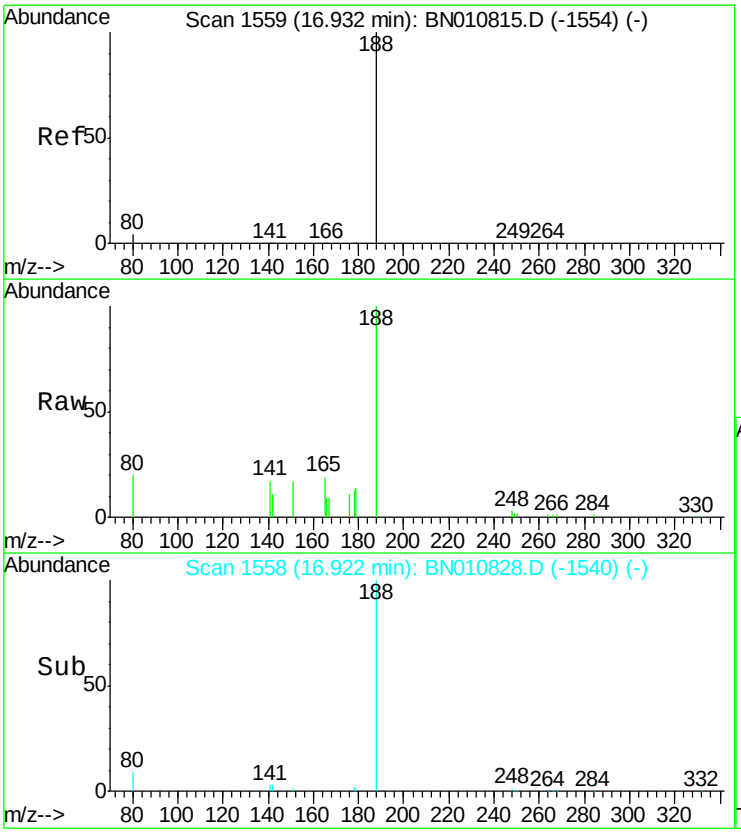
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tgt Ion:172 Resp: 9077

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	22.9	19.7	29.5

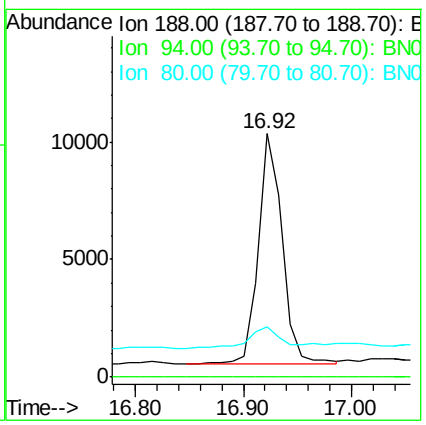


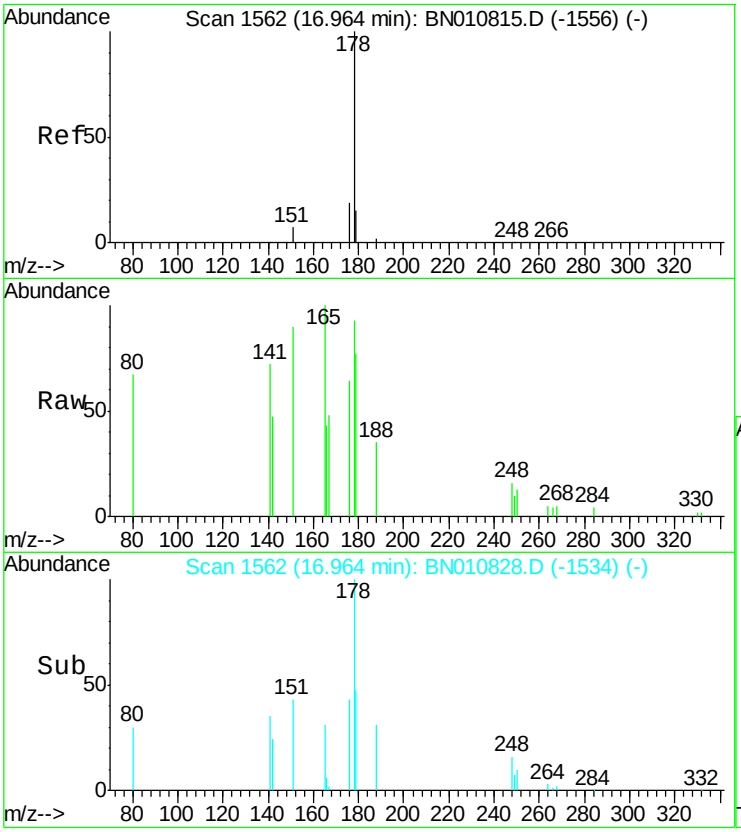


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:188 Resp: 15004

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	20.5	4.5	6.7#



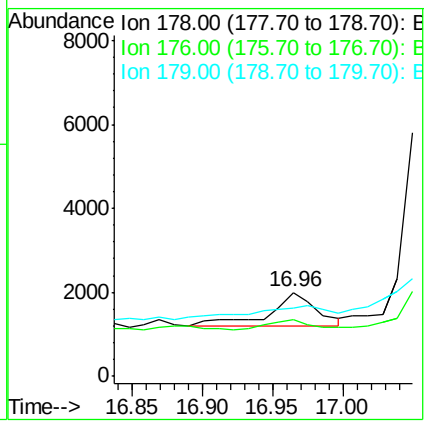


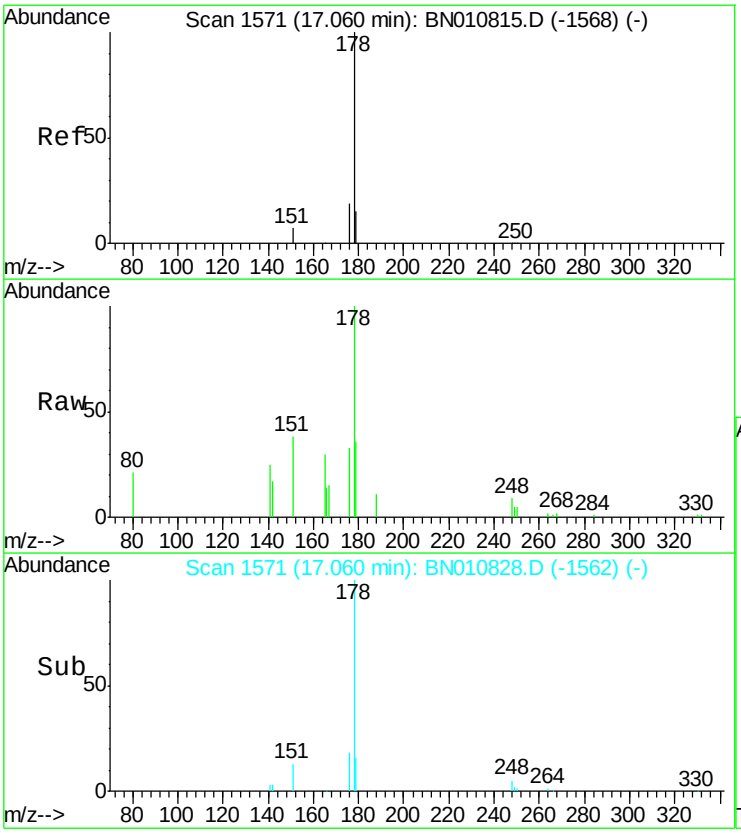
#23
Phenanthrene
Concen: 0.044 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tgt Ion:178 Resp: 1823

Ion	Ratio	Lower	Upper
178	100		
176	30.5	15.3	22.9#
179	79.1	12.6	19.0#

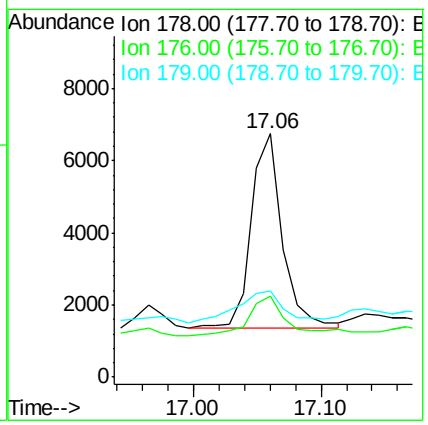


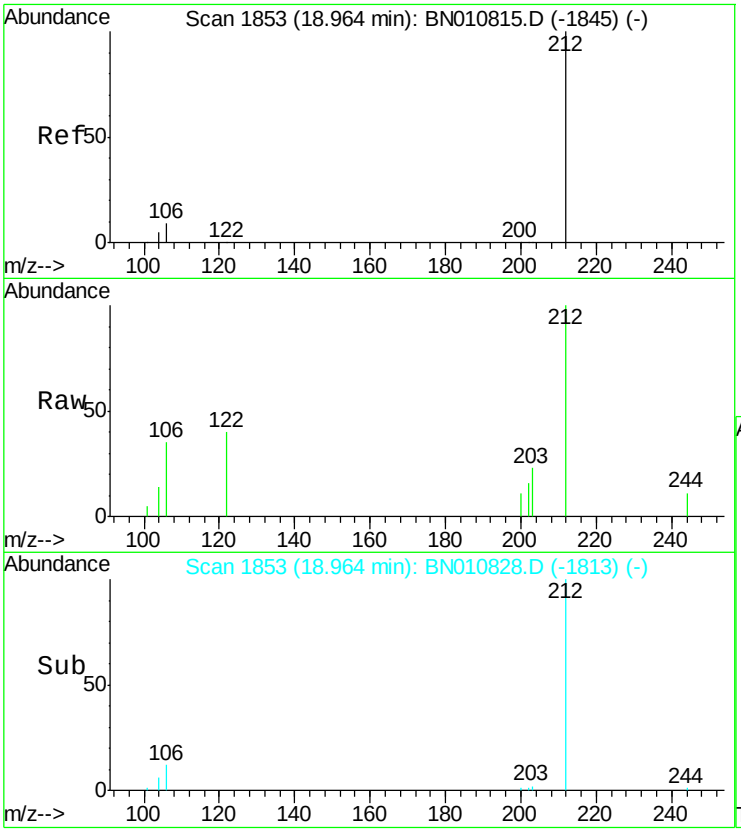


#24
Anthracene
Concen: 0.267 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:178 Resp: 9121

Ion	Ratio	Lower	Upper
178	100		
176	21.9	14.6	22.0
179	24.2	12.3	18.5#



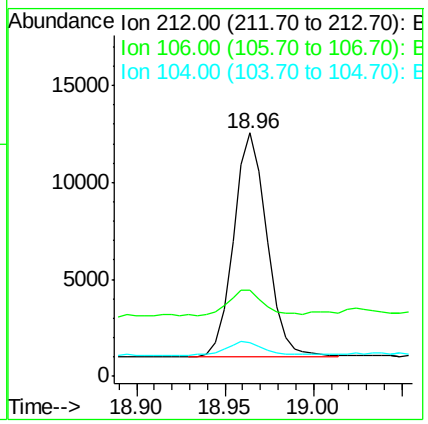


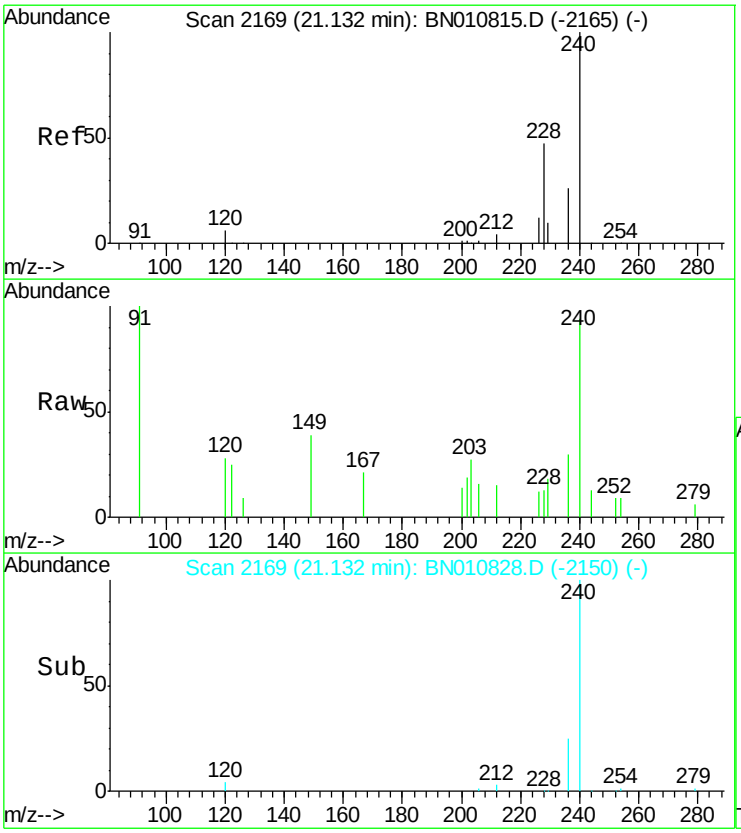
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tgt Ion:212 Resp: 15311

Ion	Ratio	Lower	Upper
212	100		
106	12.4	6.6	10.0#
104	6.4	4.0	6.0#

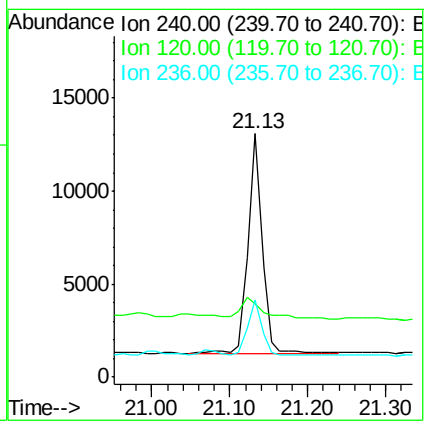


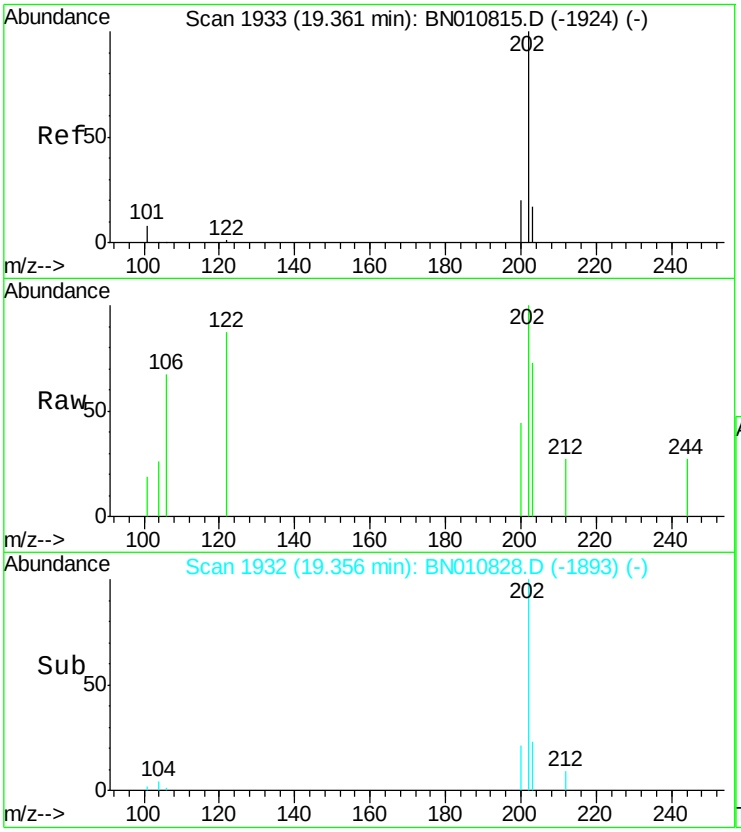


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:240 Resp: 14930

Ion	Ratio	Lower	Upper
240	100		
120	30.1	7.5	11.3#
236	32.0	22.3	33.5



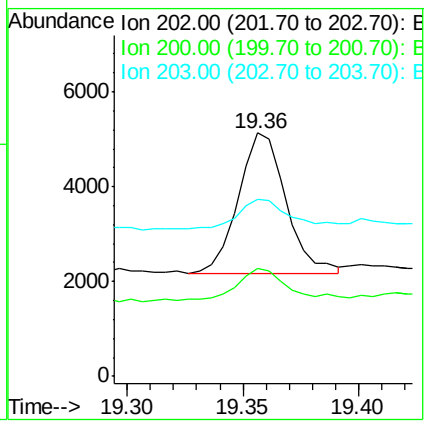


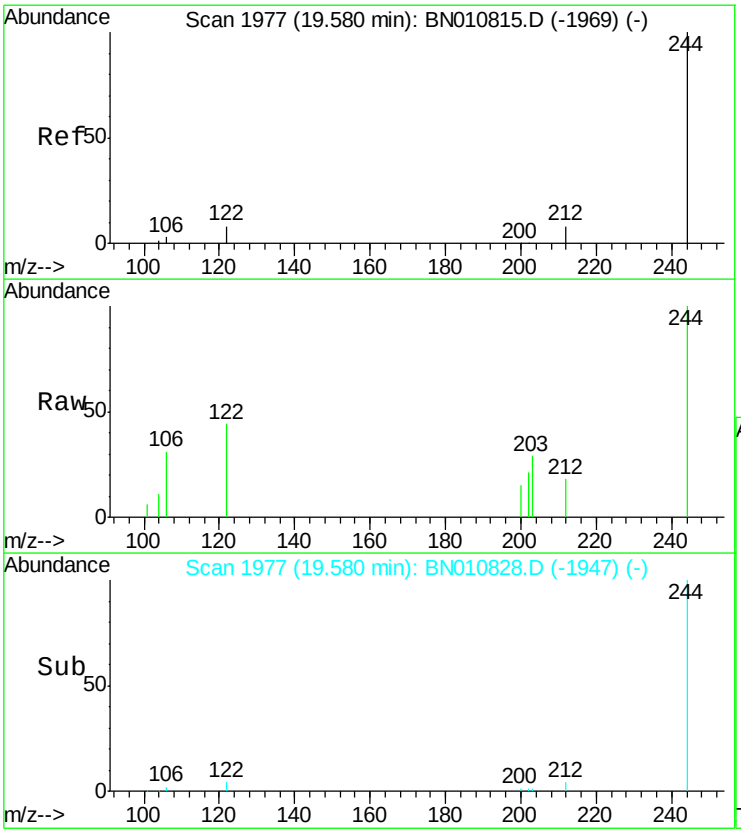
#28
Pyrene
Concen: 0.085 ng
RT: 19.36 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tgt Ion:202 Resp: 4219

Ion	Ratio	Lower	Upper
202	100		
200	25.7	16.4	24.6#
203	24.0	14.2	21.4#

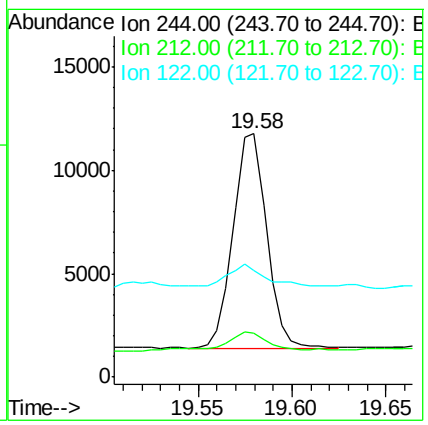


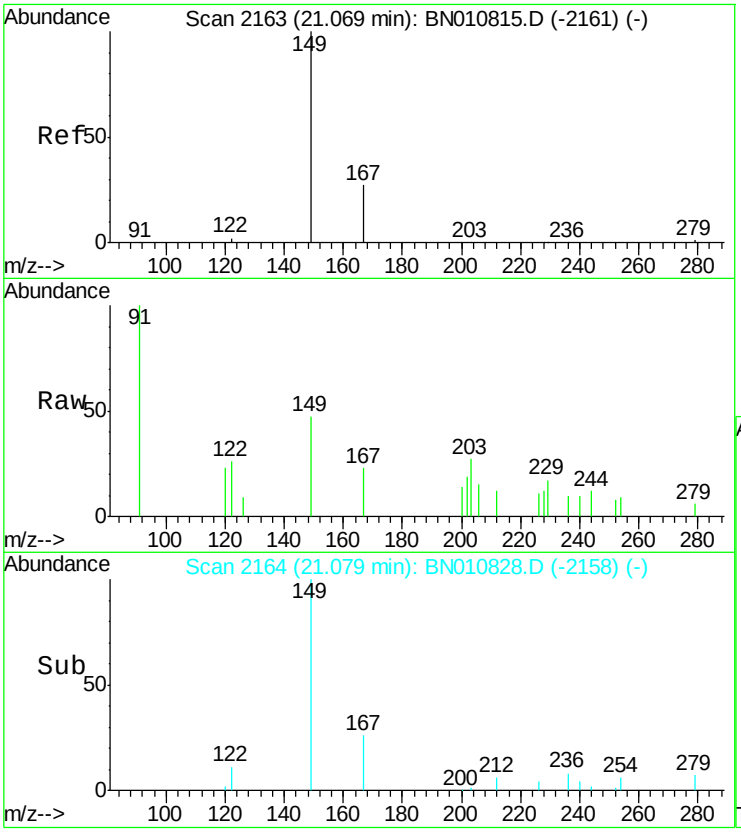


#29
Terphenyl-d14
Concen: 0.369 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:244 Resp: 12883

Ion	Ratio	Lower	Upper
244	100		
212	18.2	7.4	11.2#
122	43.8	7.5	11.3#



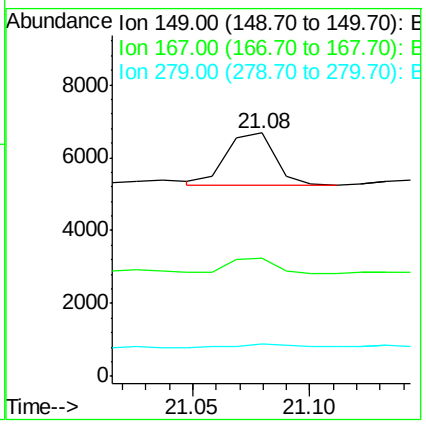


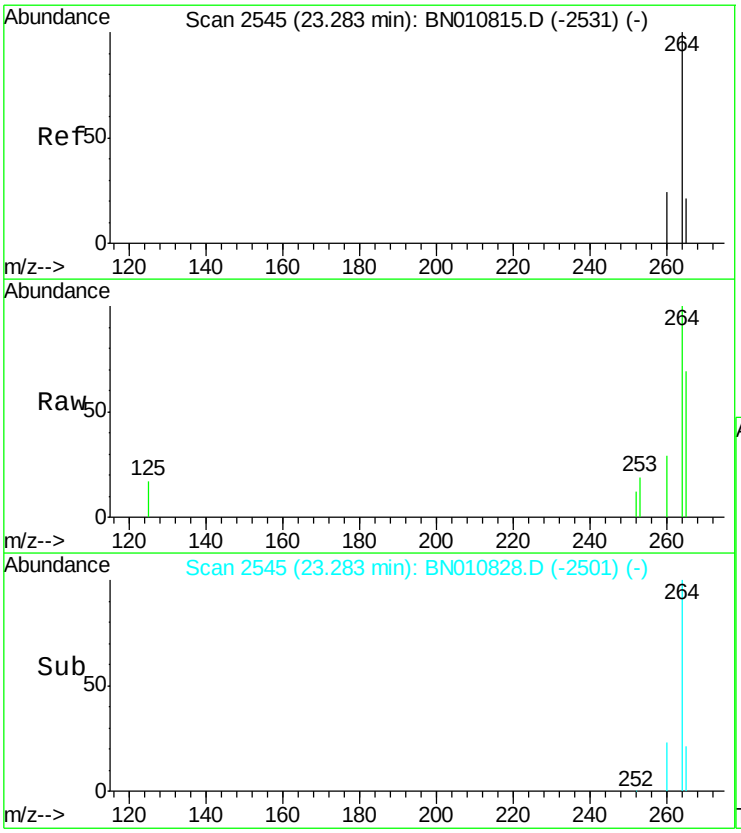
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.146 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tgt Ion:149 Resp: 2143

Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.1	36.1
279	6.2	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: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:264 Resp: 15919

Ion	Ratio	Lower	Upper
264	100		
260	28.6	20.4	30.6
265	68.7	75.0	112.4#