Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010892.D
Acq On : 16 Jun 2020 05:36
Operator : CG/JU
Sample : L2989-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE103D2-20200610

Quant Time: Jun 16 06:14:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2529	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8706	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4890	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9584	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8933	0.40	ng	0.00
34) Perylene-d12	23.26	264	9573	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	800	0.16	ng	0.00
5) Phenol-d6	6.74	99	527	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	2217	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	3934	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	542	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7345	0.38	ng	0.00
25) Fluoranthene-d10	18.96	212	9967	0.38	ng	0.00
29) Terphenyl-d14	19.57	244	9830	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	1464	0.591	ng	# 94
6) bis(2-Chloroethyl)ether	6.99	93	151	0.027	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.06	149	755	0.086	ng	94

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

Quantitation Report (QT Reviewed)

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Data File : BN010892.D
Acq On : 16 Jun 2020 05:36
Operator : CG/JU
Sample : L2989-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
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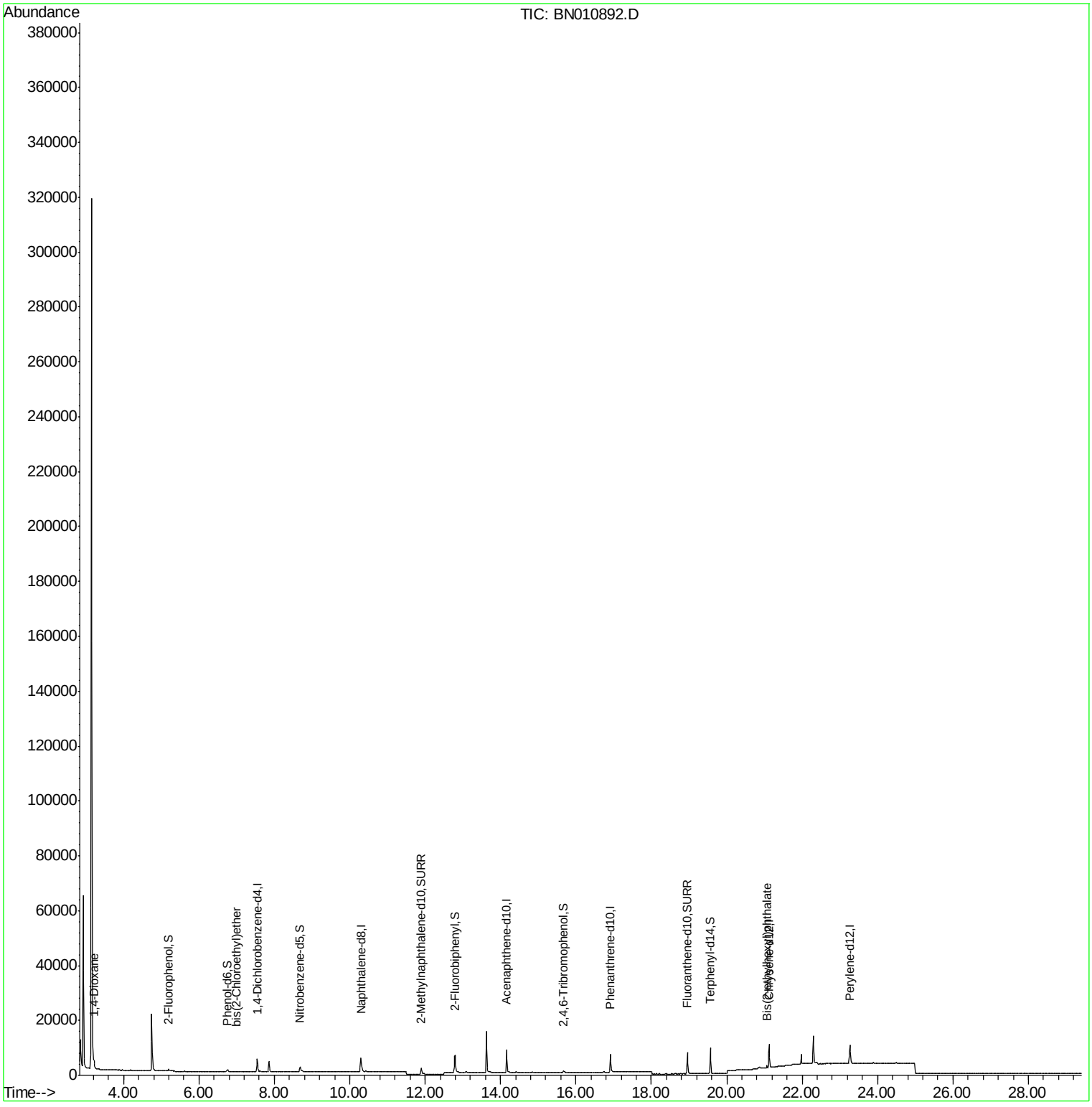
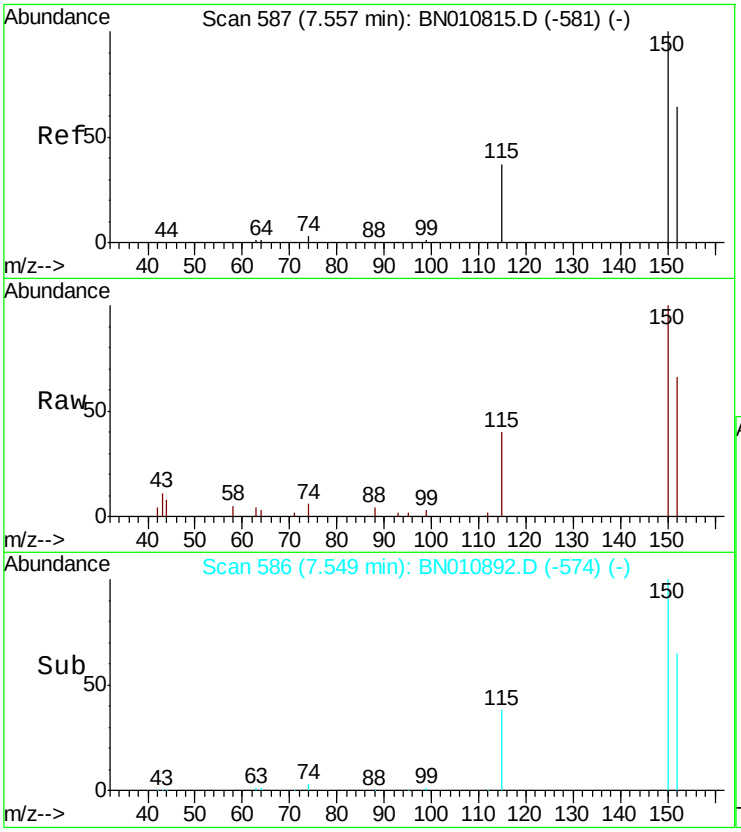
RE103D2-20200610

Quant Time: Jun 16 06:14:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration



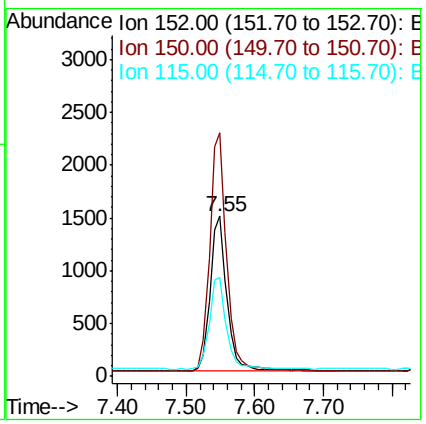


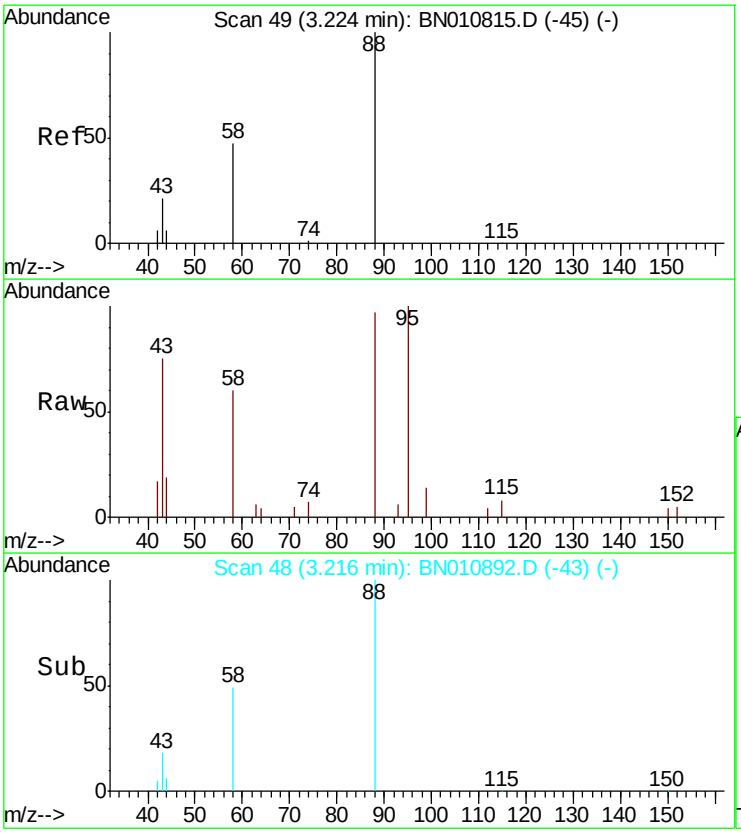
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200610

Tgt Ion:152 Resp: 2529

Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.6
115	61.6	49.2	73.8

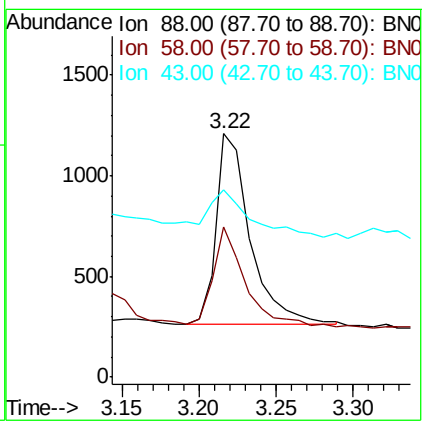


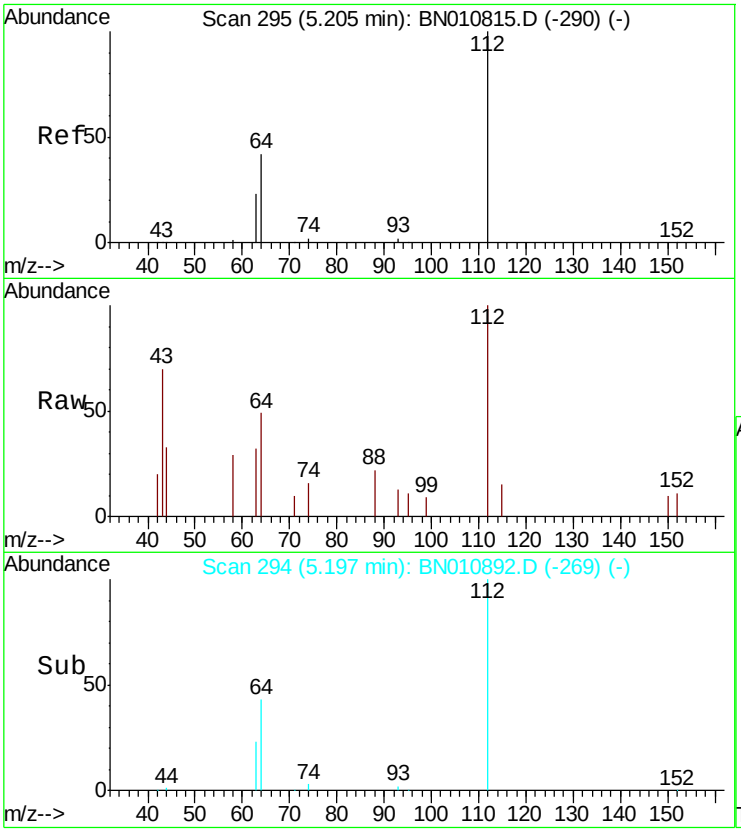


#2
1,4-Dioxane
Concen: 0.591 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Tgt Ion: 88 Resp: 1464

Ion	Ratio	Lower	Upper
88	100		
58	48.3	38.2	57.4
43	27.8	15.1	22.7#



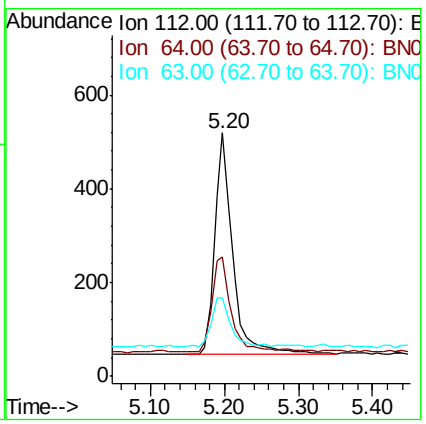


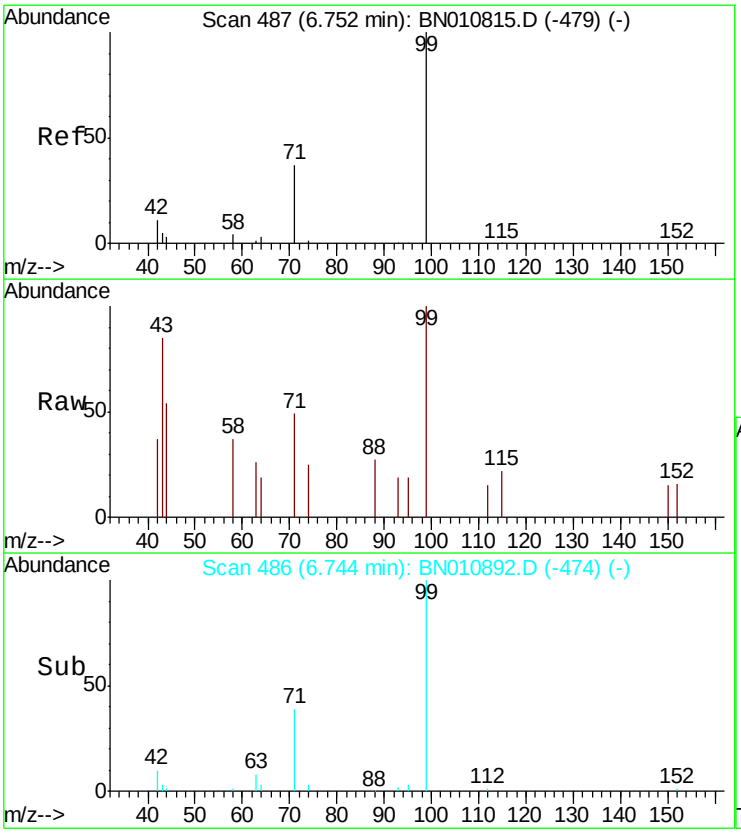
#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200610

Tgt Ion:112 Resp: 800

Ion	Ratio	Lower	Upper
112	100		
64	46.1	37.4	56.0
63	23.6	22.2	33.4

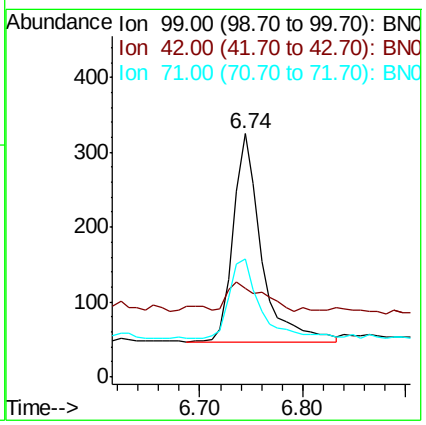


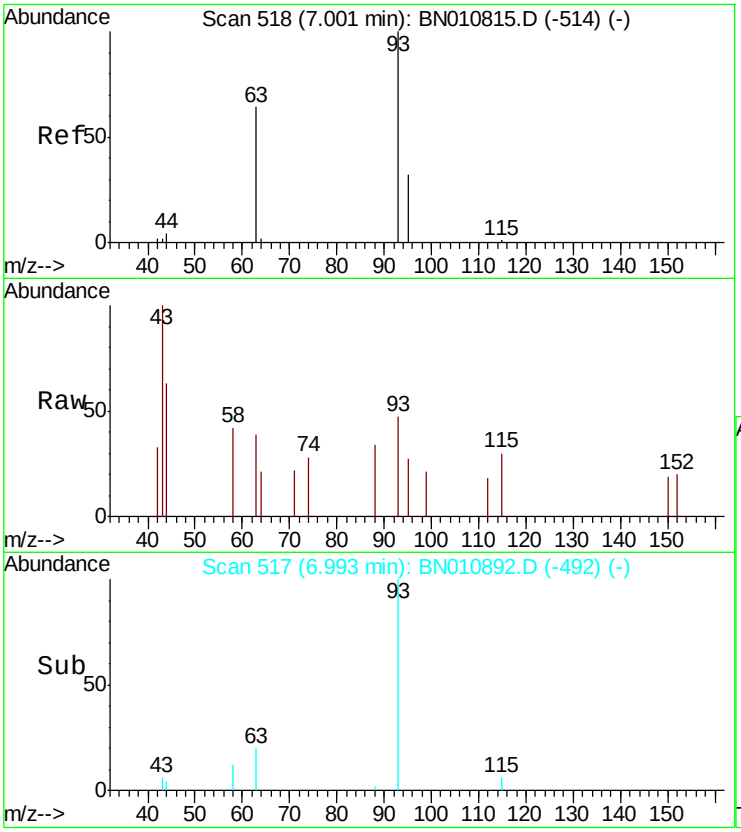


#5
Phenol-d6
Concen: 0.092 ng
RT: 6.74 min Scan# 486
Delta R.T. 0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Tgt Ion: 99 Resp: 527

Ion	Ratio	Lower	Upper
99	100		
42	17.5	11.1	16.7#
71	40.6	31.4	47.2



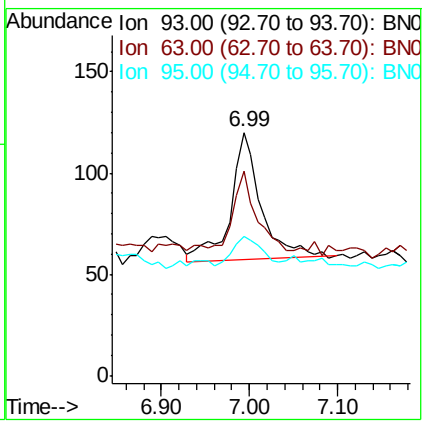


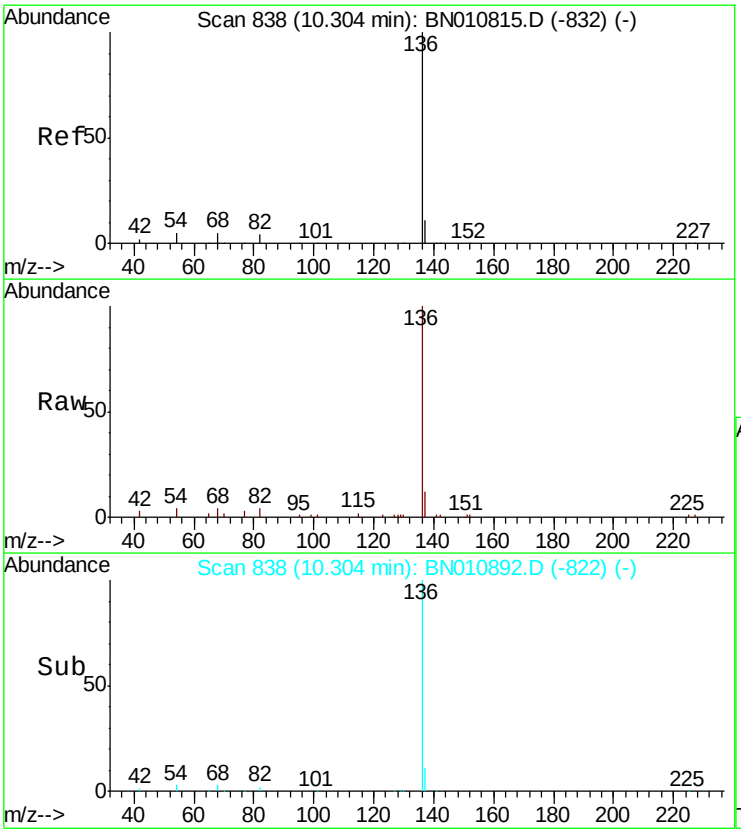
#6
bis(2-Chloroethyl)ether
Concen: 0.027 ng
RT: 6.99 min Scan# 517
Delta R.T. 0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200610

Tgt Ion: 93 Resp: 151

Ion	Ratio	Lower	Upper
93	100		
63	54.3	49.4	74.2
95	21.9	26.7	40.1#

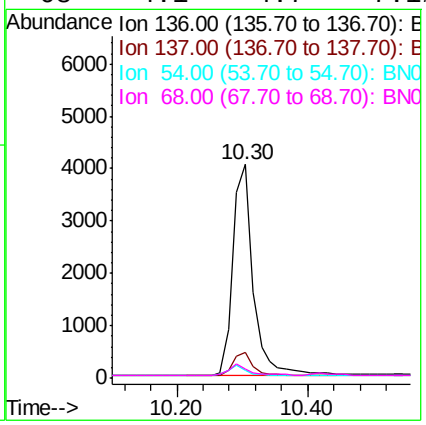


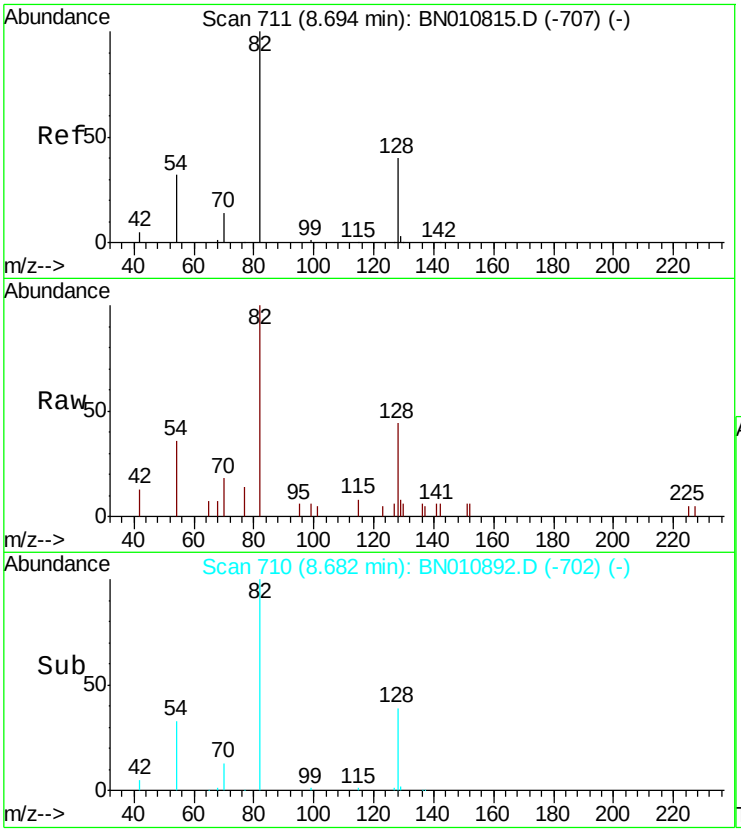


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Tgt Ion:136 Resp: 8706

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	3.9	4.9	7.3#
68	4.1	4.7	7.1#



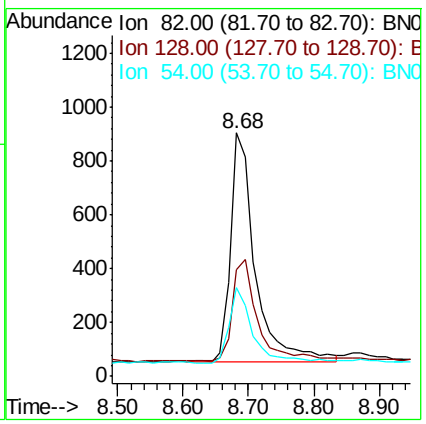


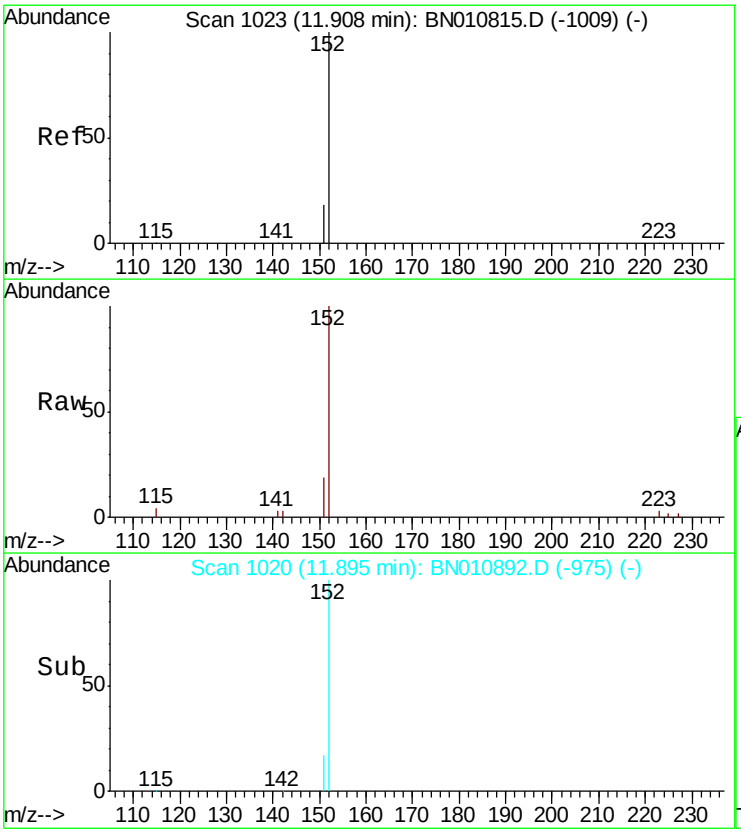
#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200610

Tgt Ion: 82 Resp: 2217

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.4	53.0
54	36.4	28.2	42.4

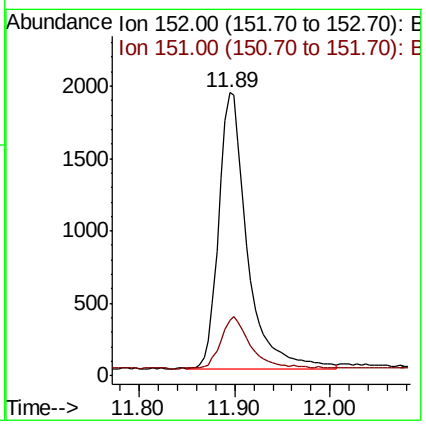


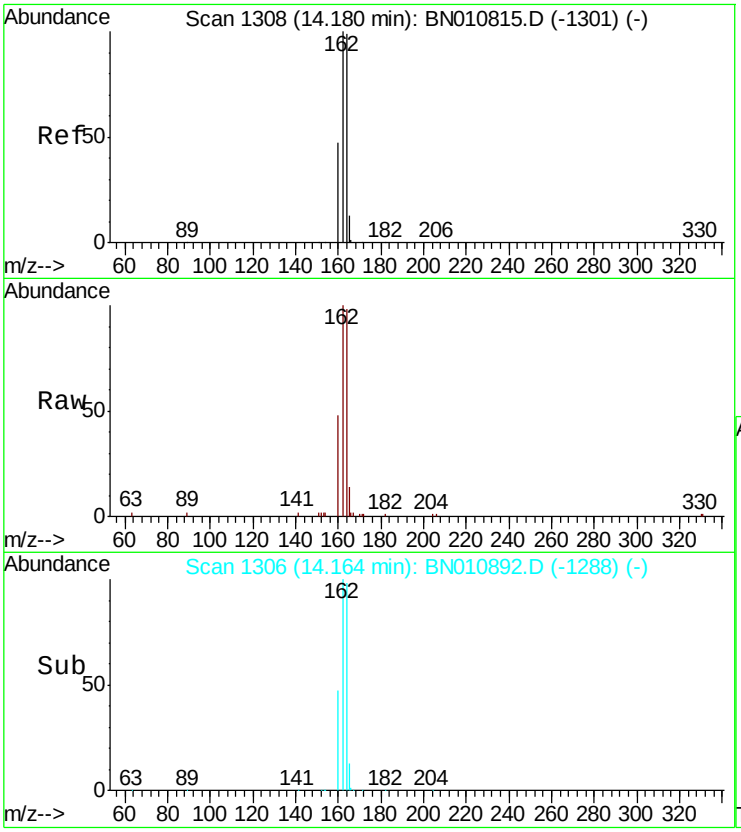


#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 11.89 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Tgt Ion:152 Resp: 3934

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.3	22.9



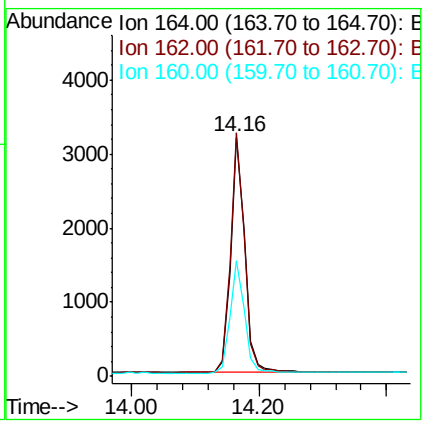


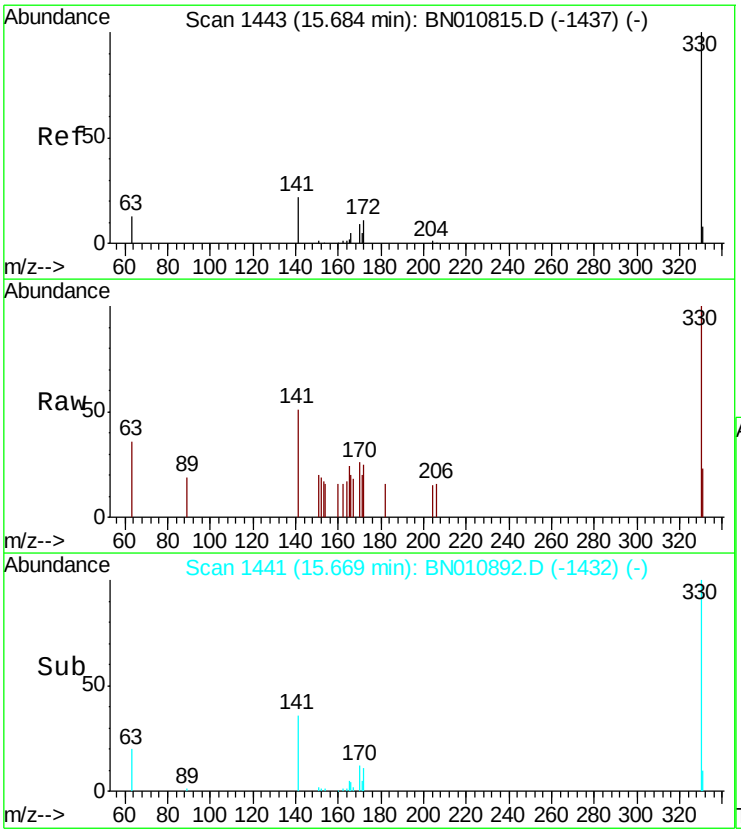
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200610

Tgt Ion:164 Resp: 4890

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.0	121.6
160	48.5	38.9	58.3

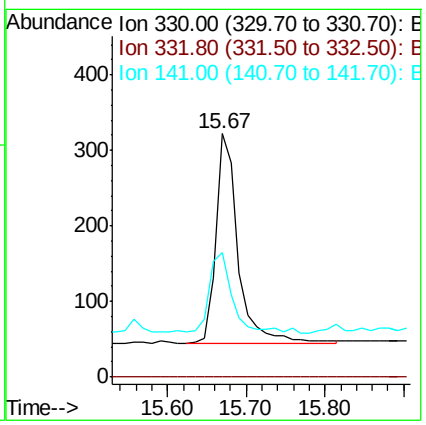


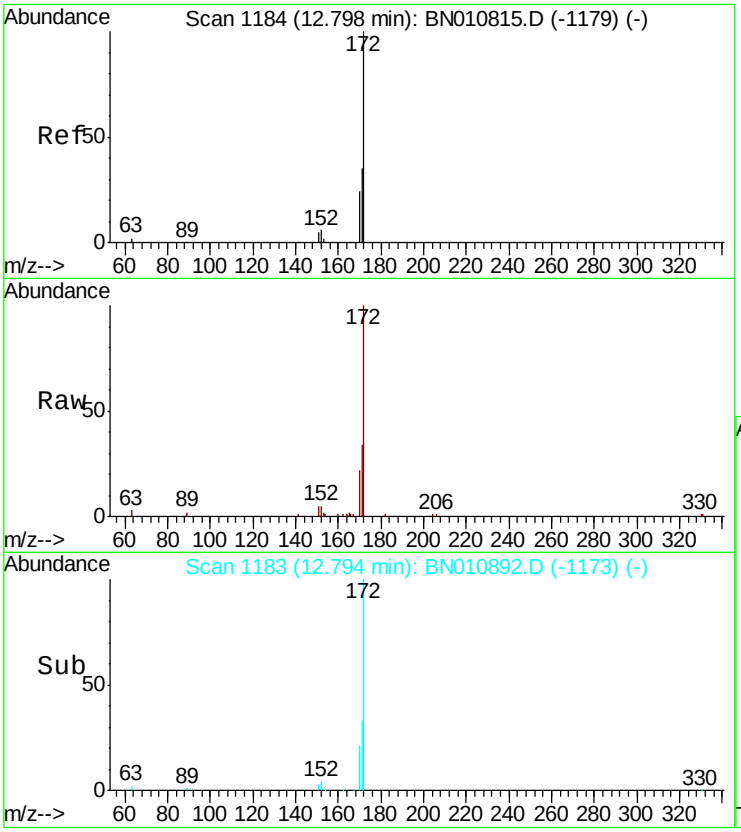


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.67 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Tgt Ion:330 Resp: 542

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.4	33.2	49.8



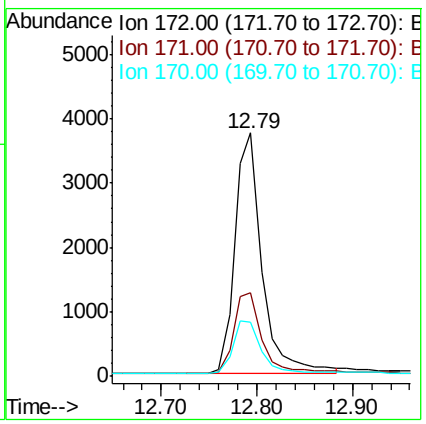


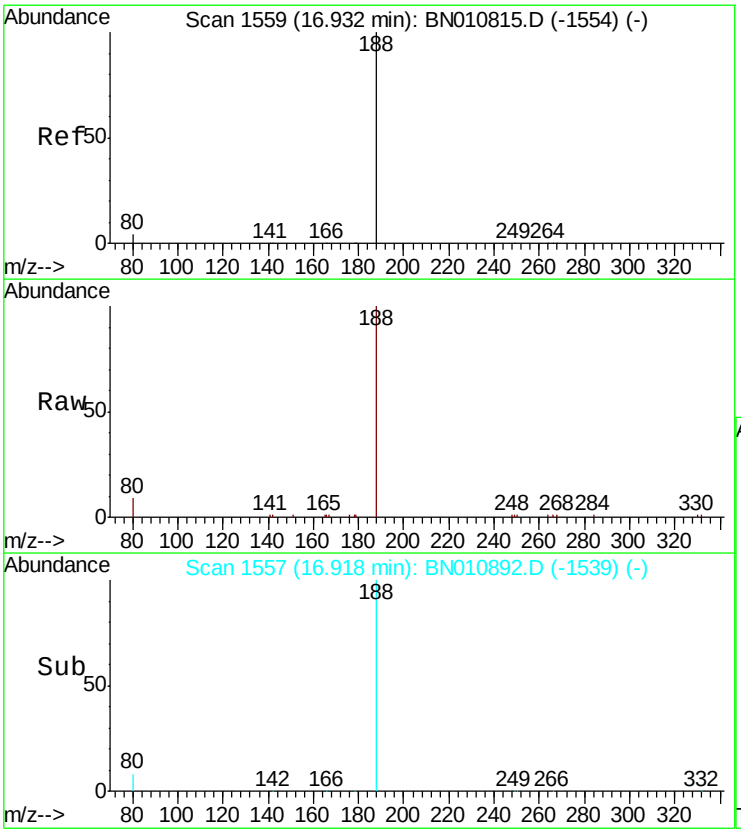
#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200610

Tgt Ion:172 Resp: 7345

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	22.3	19.7	29.5

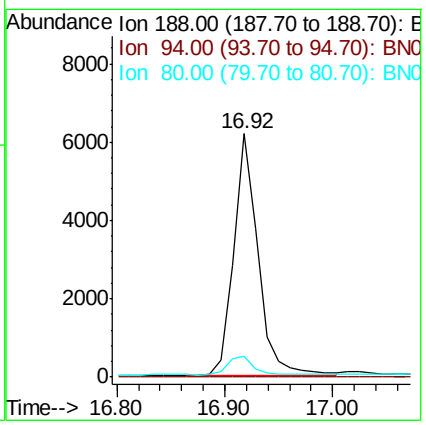


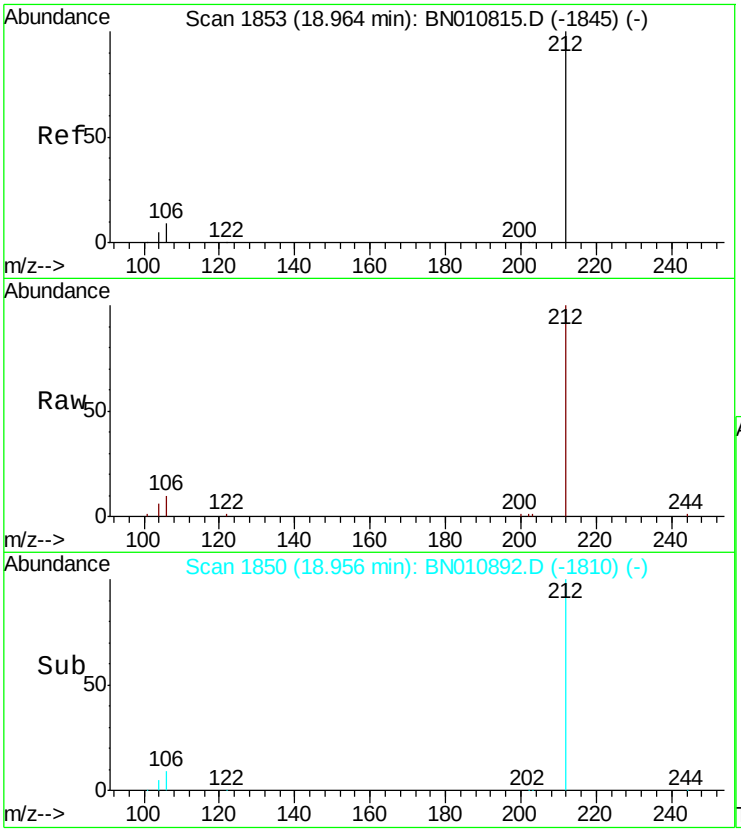


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Tgt Ion:188 Resp: 9584

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	4.5	6.7#



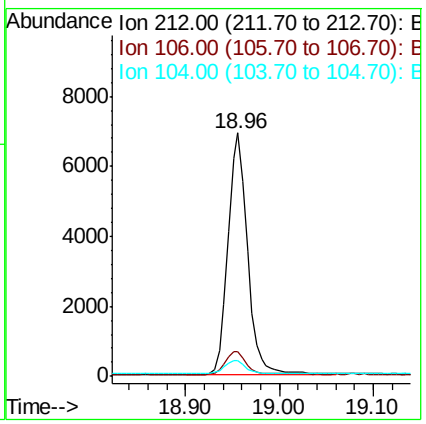


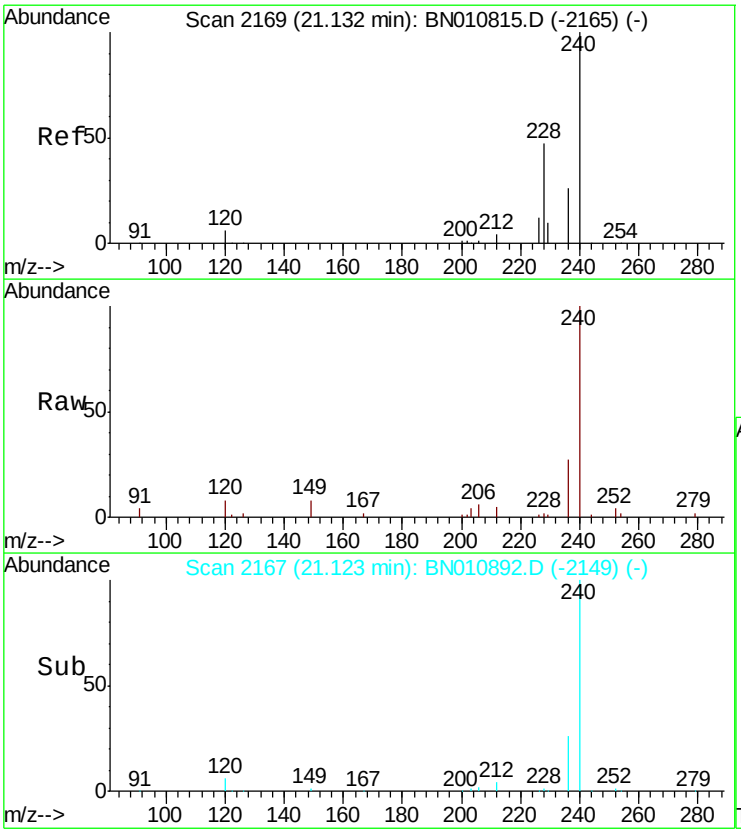
#25
Fluoranthene-d10
Concen: 0.377 ng
RT: 18.96 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200610

Tgt Ion:212 Resp: 9967

Ion	Ratio	Lower	Upper
212	100		
106	10.1	6.6	10.0#
104	5.6	4.0	6.0

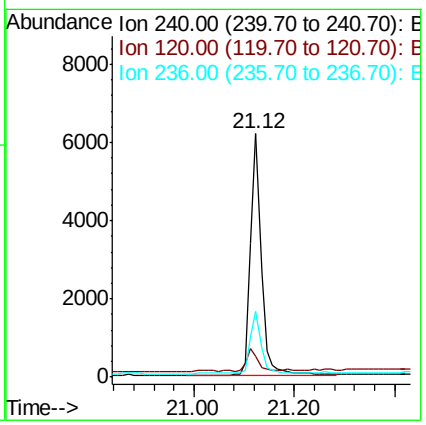


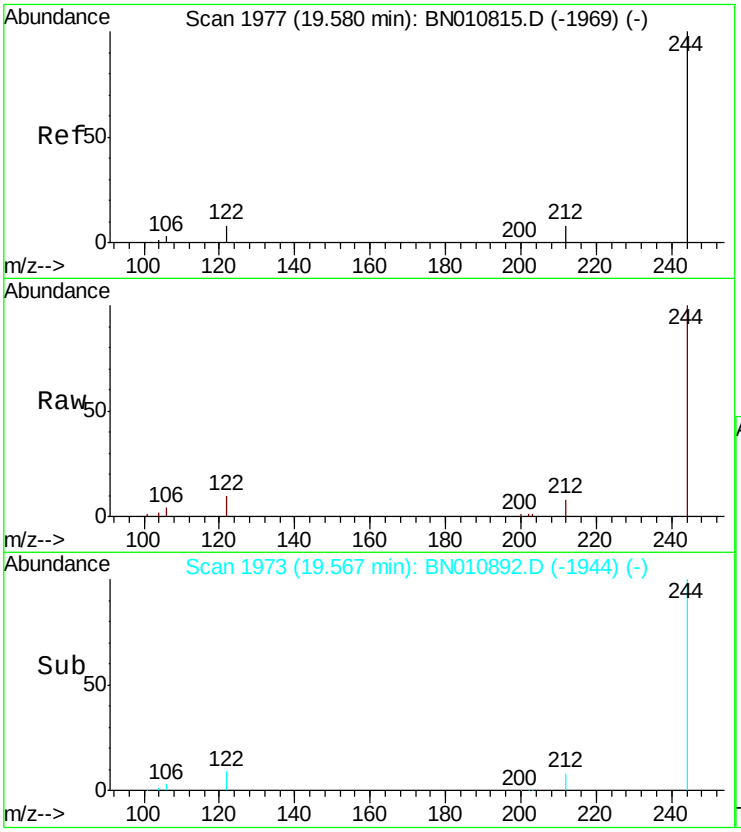


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Tgt Ion:240 Resp: 8933

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.5	11.3
236	27.0	22.3	33.5



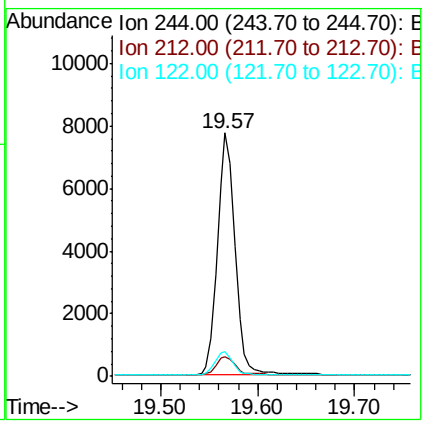


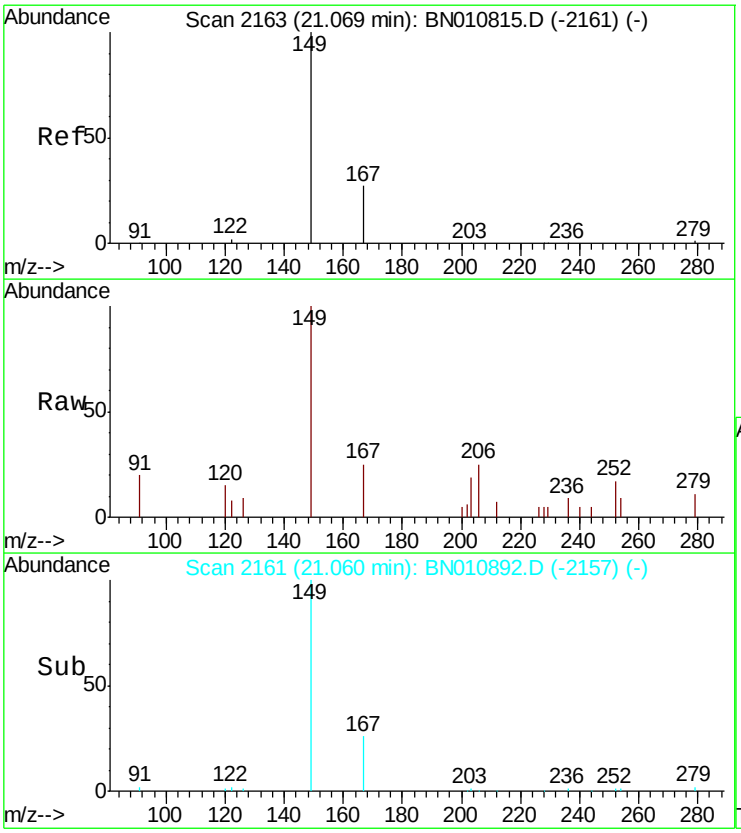
#29
Terphenyl-d14
Concen: 0.470 ng
RT: 19.57 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200610

Tgt Ion:244 Resp: 9830

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	10.1	7.5	11.3

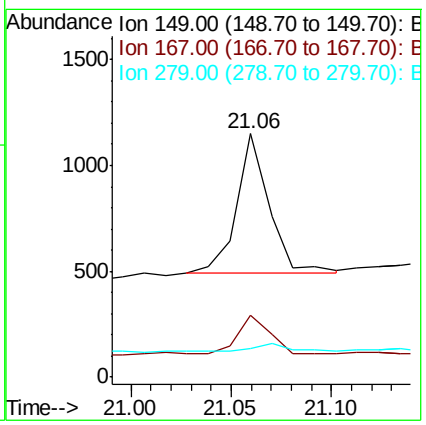


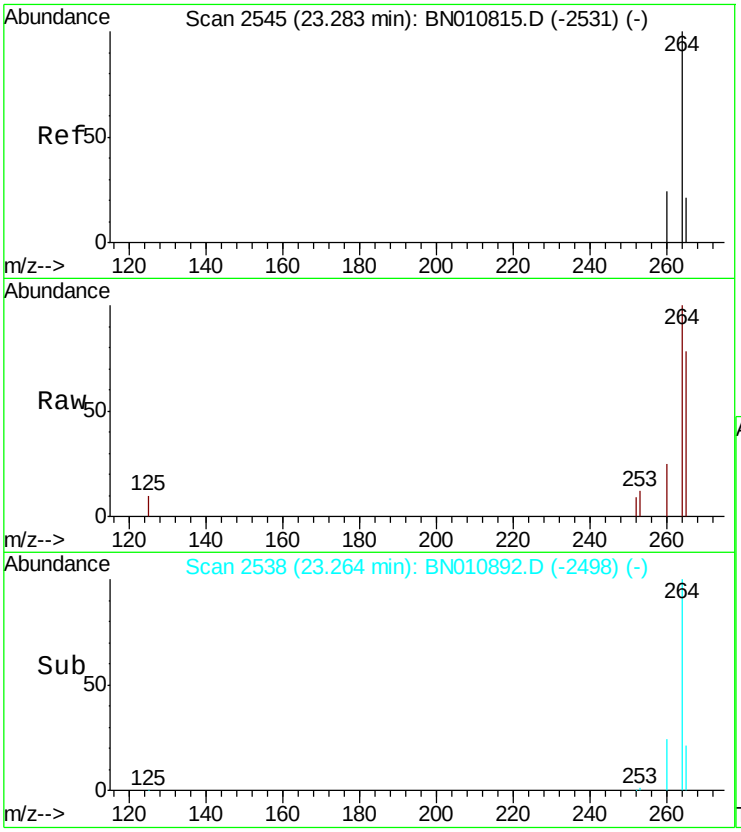


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.086 ng
RT: 21.06 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Tgt Ion:149 Resp: 755

Ion	Ratio	Lower	Upper
149	100		
167	26.4	24.1	36.1
279	5.3	4.6	7.0





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200610

Tgt Ion:264 Resp: 9573

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	78.4	75.0	112.4