Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010900.D
Acq On : 16 Jun 2020 10:23
Operator : CG/JU
Sample : L2993-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : KY024MW068-200610

Quant Time: Jun 16 11:05:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2681	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	9600	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5637	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11184	0.40	ng	0.00
27) Chrysene-d12	21.13	240	9432	0.40	ng	0.00
34) Perylene-d12	23.28	264	8722	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	821	0.16	ng	0.00
5) Phenol-d6	6.74	99	521	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	2685	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4854	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	568	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	8157	0.37	ng	0.00
25) Fluoranthene-d10	18.96	212	11205	0.36	ng	0.00
29) Terphenyl-d14	19.57	244	11373	0.52	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.58	266	689	0.293	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	2261	0.245	ng	96

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

Quantitation Report (QT Reviewed)

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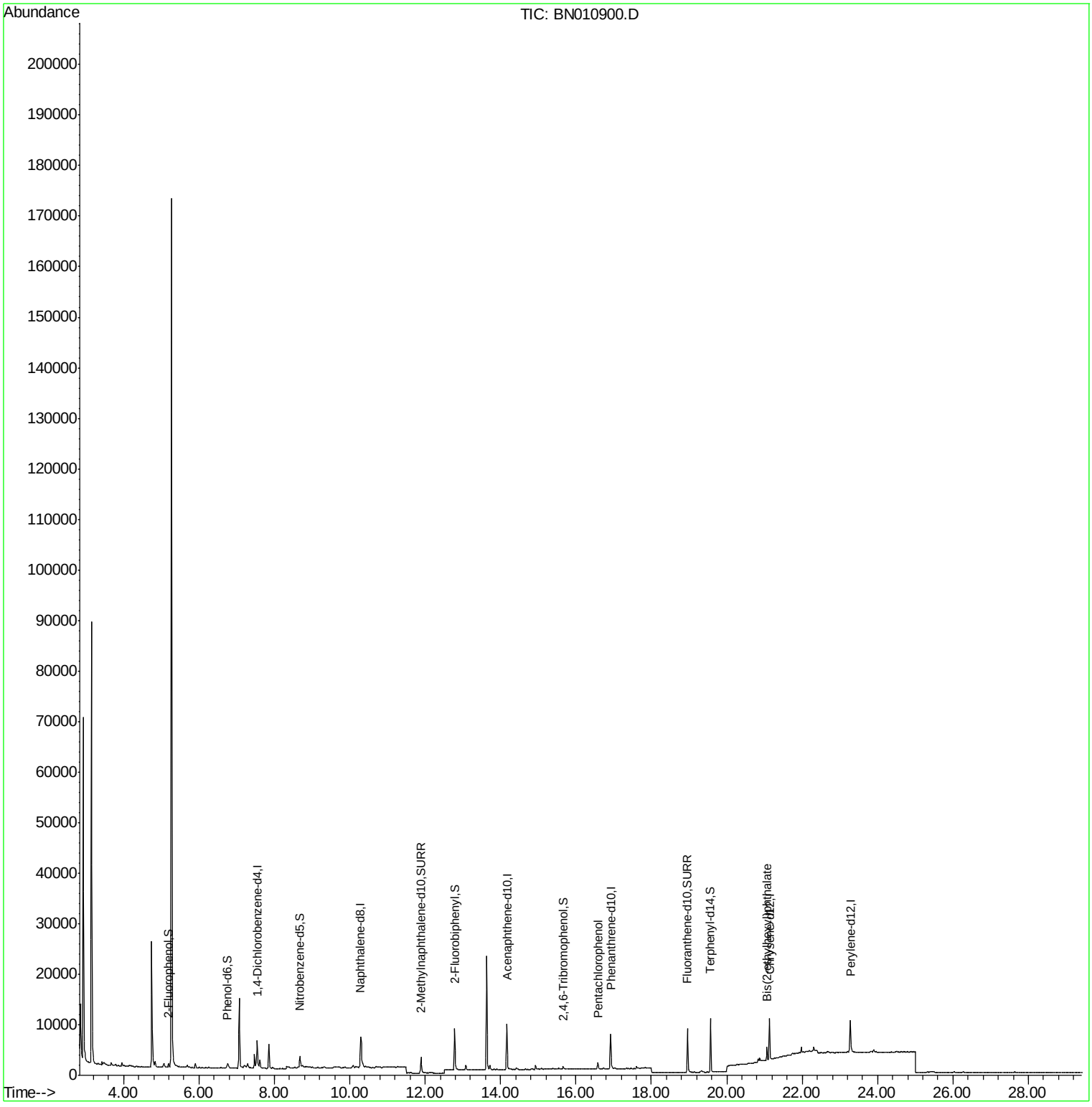
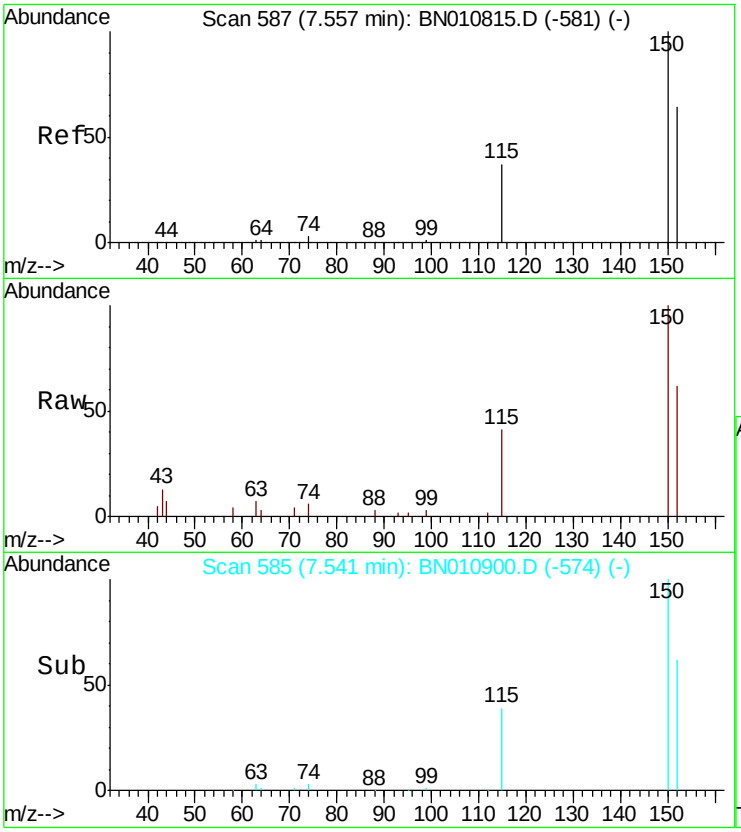


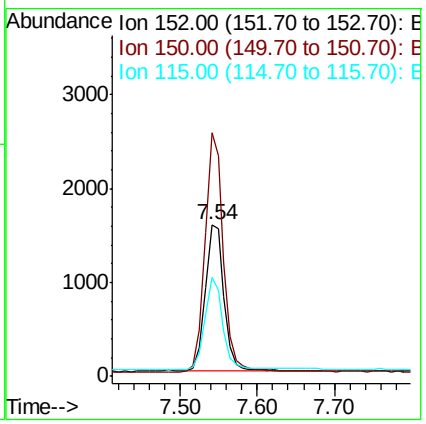


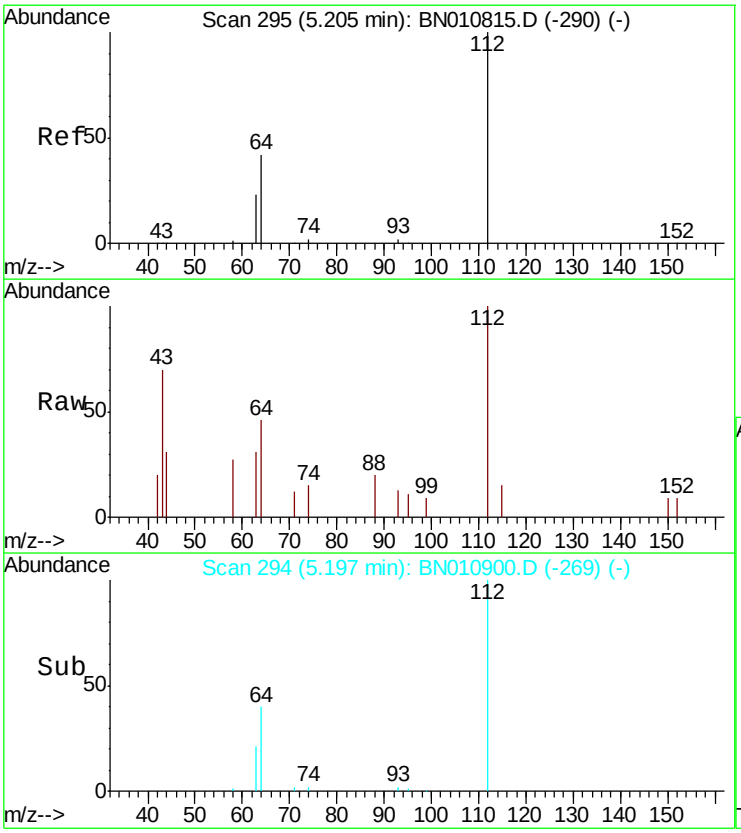
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
KY024MW068-200610

Tgt Ion:152 Resp: 2681

Ion	Ratio	Lower	Upper
152	100		
150	160.3	123.8	185.6
115	65.2	49.2	73.8

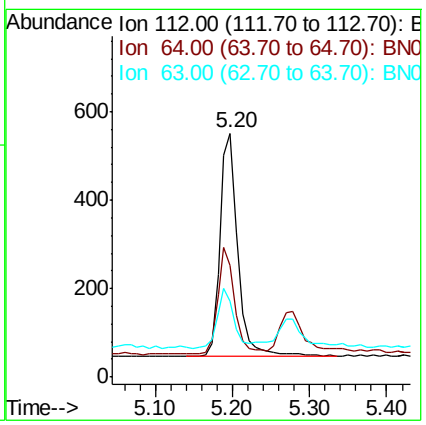


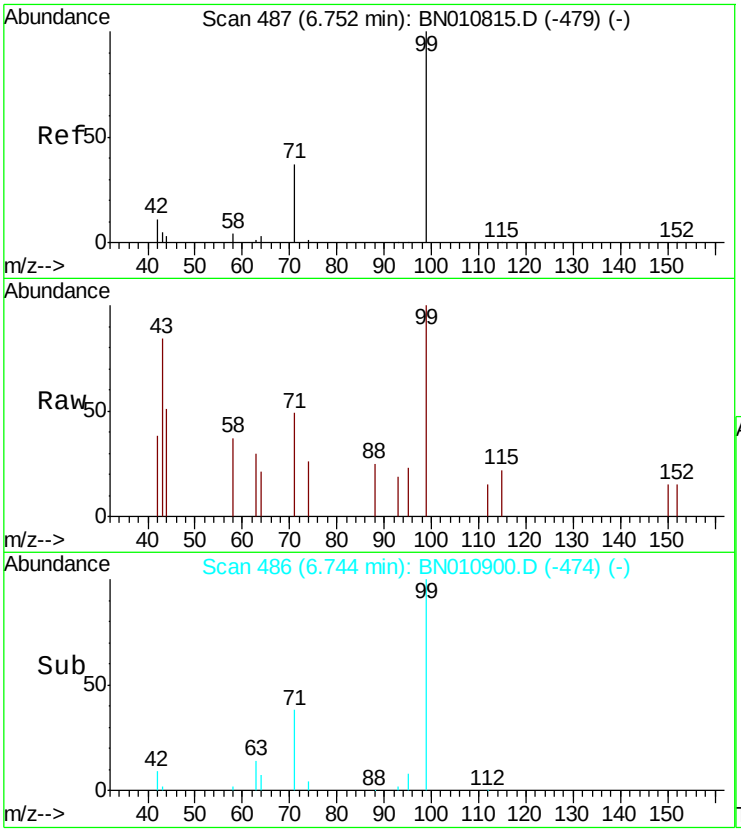


#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Tgt Ion:112 Resp: 821

Ion	Ratio	Lower	Upper
112	100		
64	44.9	37.4	56.0
63	24.8	22.2	33.4



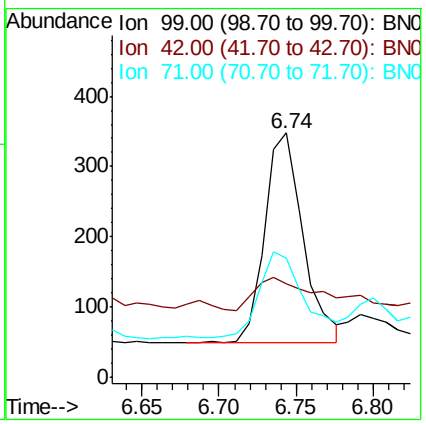


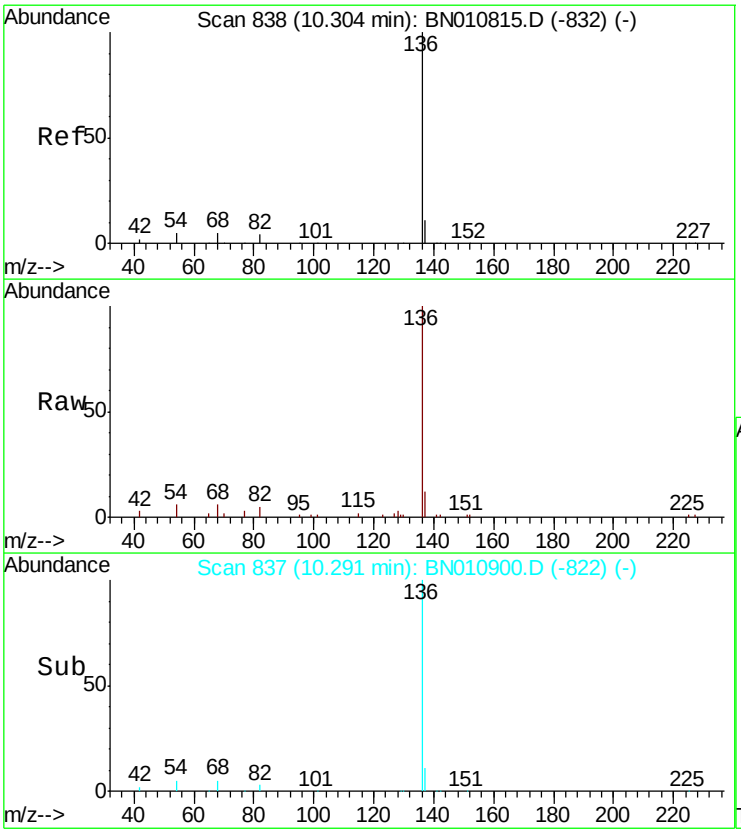
#5
Phenol-d6
Concen: 0.085 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
KY024MW068-200610

Tgt Ion: 99 Resp: 521

Ion	Ratio	Lower	Upper
99	100		
42	28.2	11.1	16.7#
71	47.2	31.4	47.2#

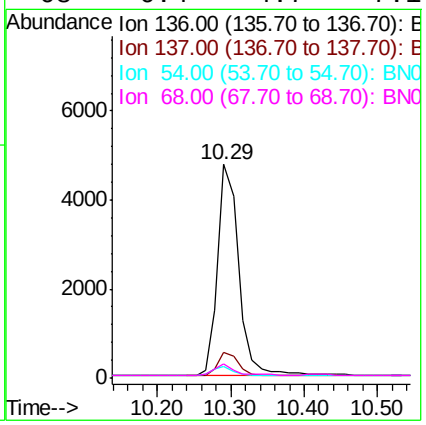


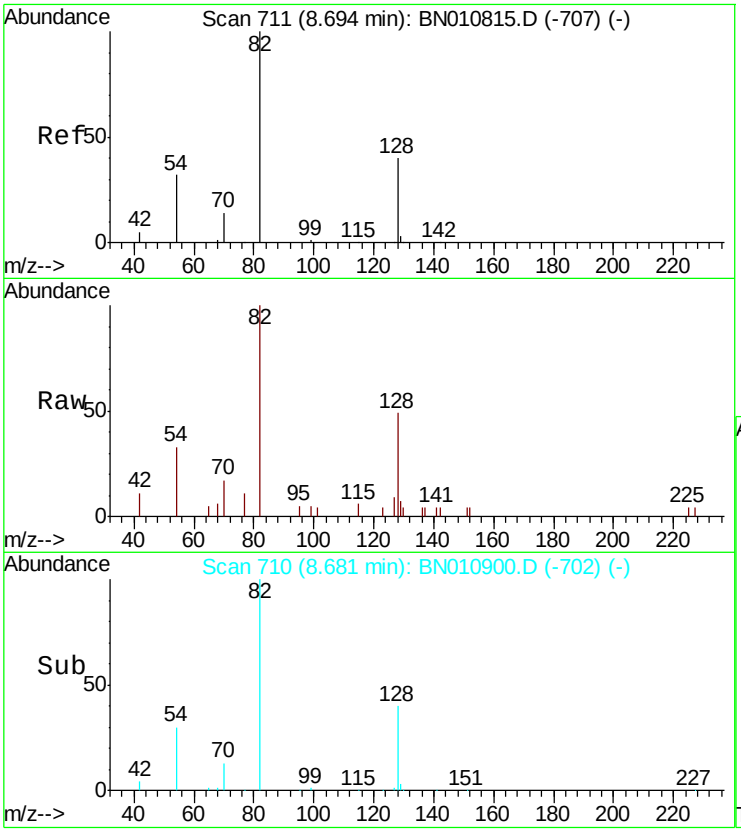


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Tgt Ion:136 Resp: 9600

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	5.7	4.9	7.3
68	6.4	4.7	7.1



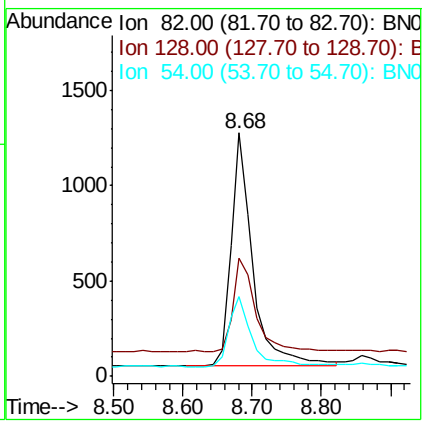


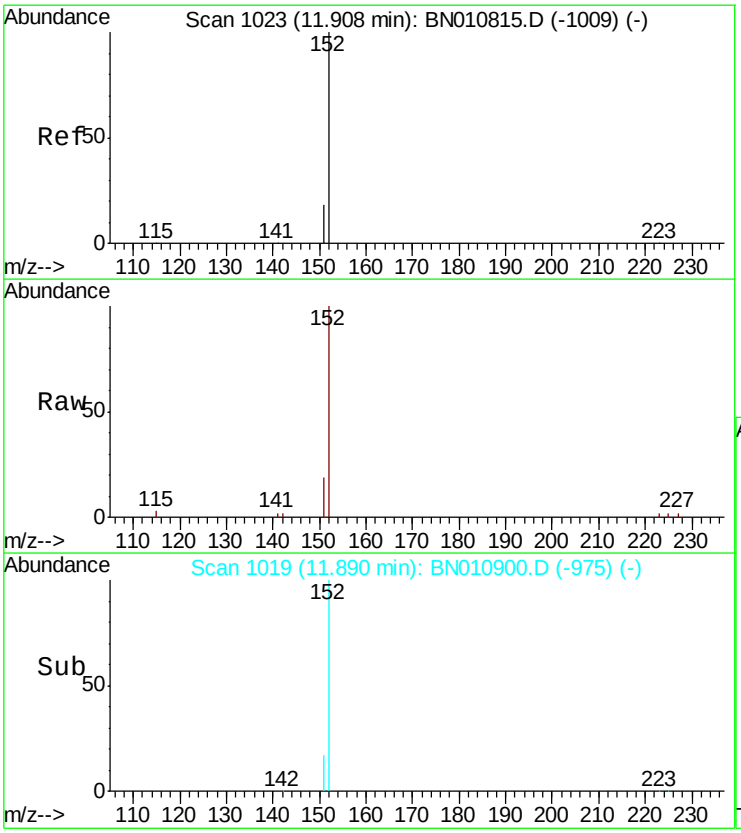
#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
KY024MW068-200610

Tgt Ion: 82 Resp: 2685

Ion	Ratio	Lower	Upper
82	100		
128	48.6	35.4	53.0
54	33.0	28.2	42.4

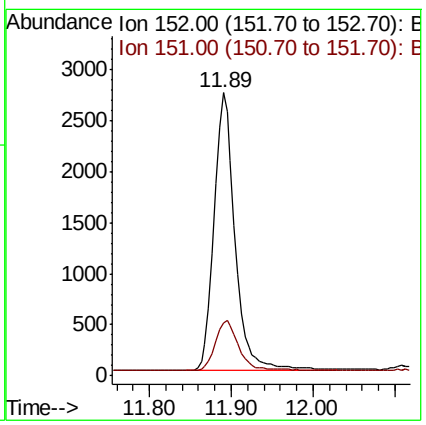


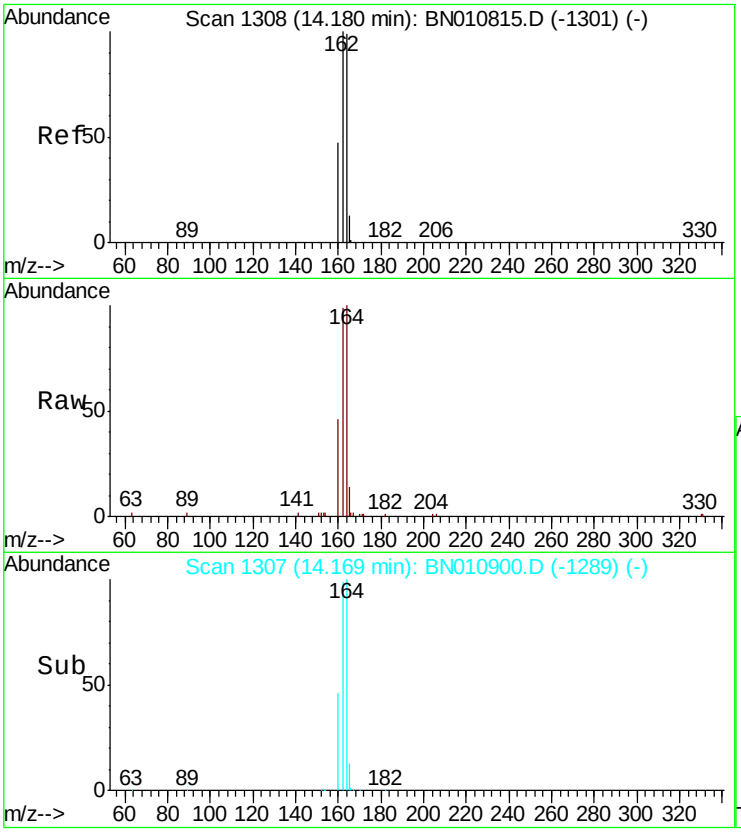


#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Tgt Ion:152 Resp: 4854

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9



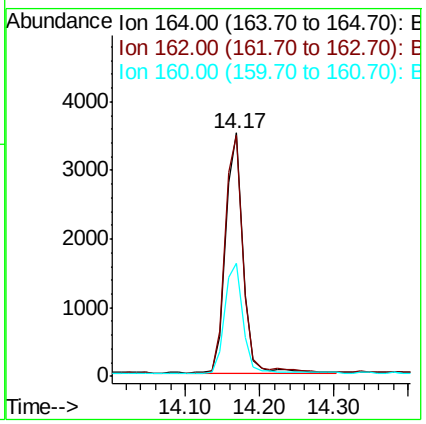


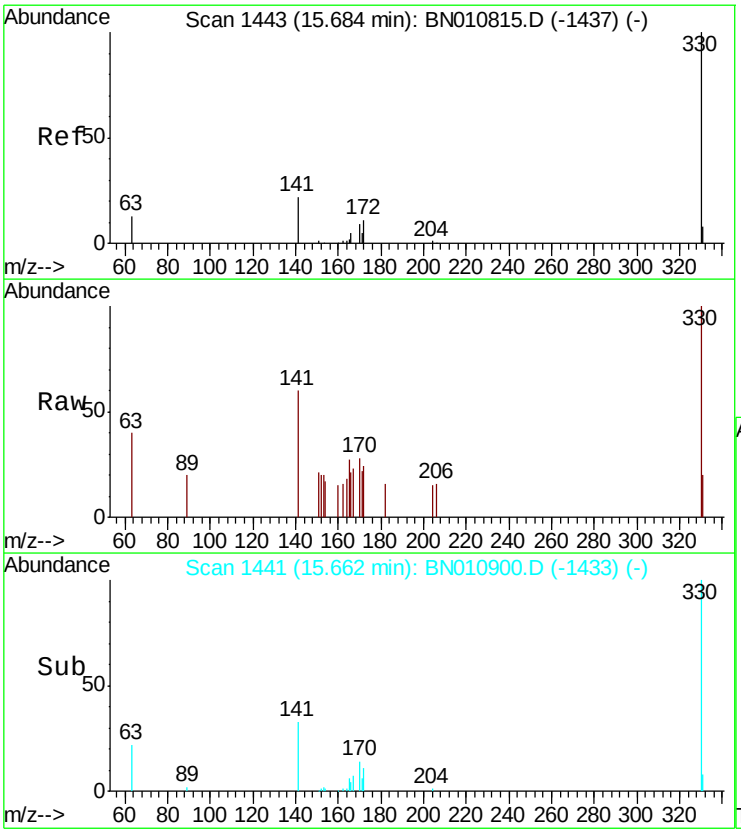
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
KY024MW068-200610

Tgt Ion:164 Resp: 5637

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.0	121.6
160	46.3	38.9	58.3

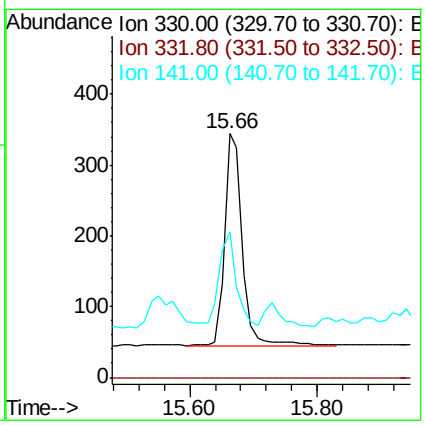


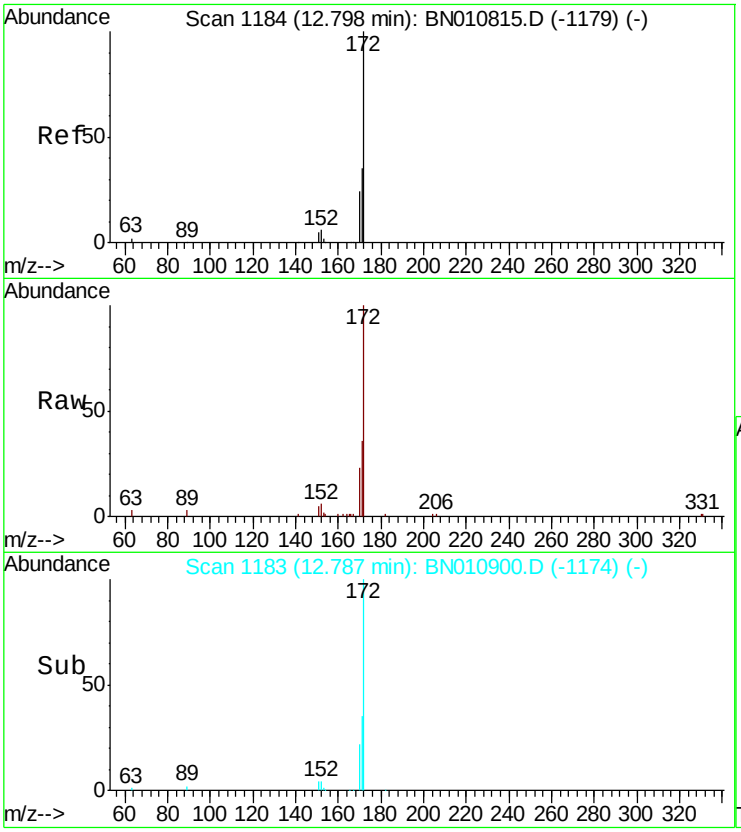


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.66 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Tgt Ion:330 Resp: 568

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	33.2	49.8



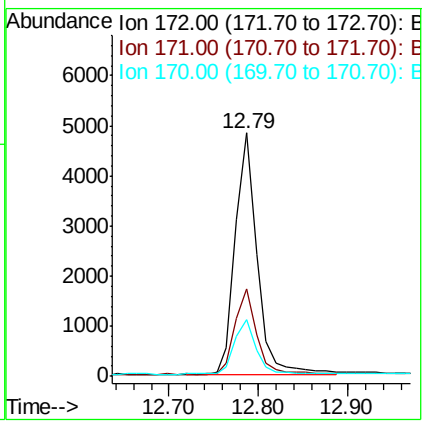


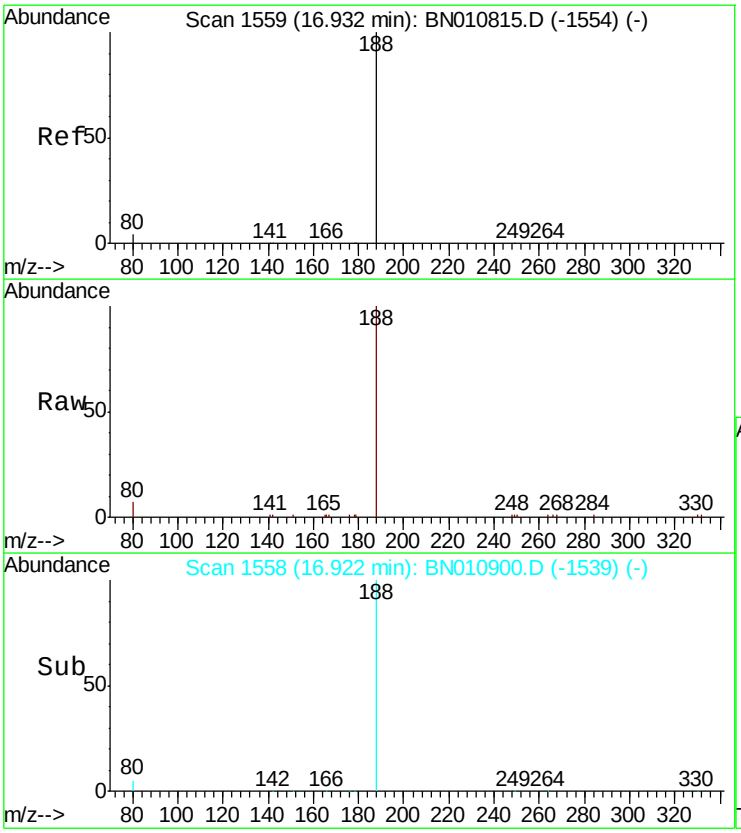
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
KY024MW068-200610

Tgt Ion:172 Resp: 8157

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.2	19.7	29.5

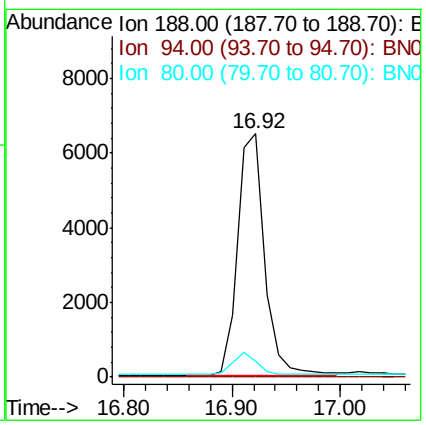


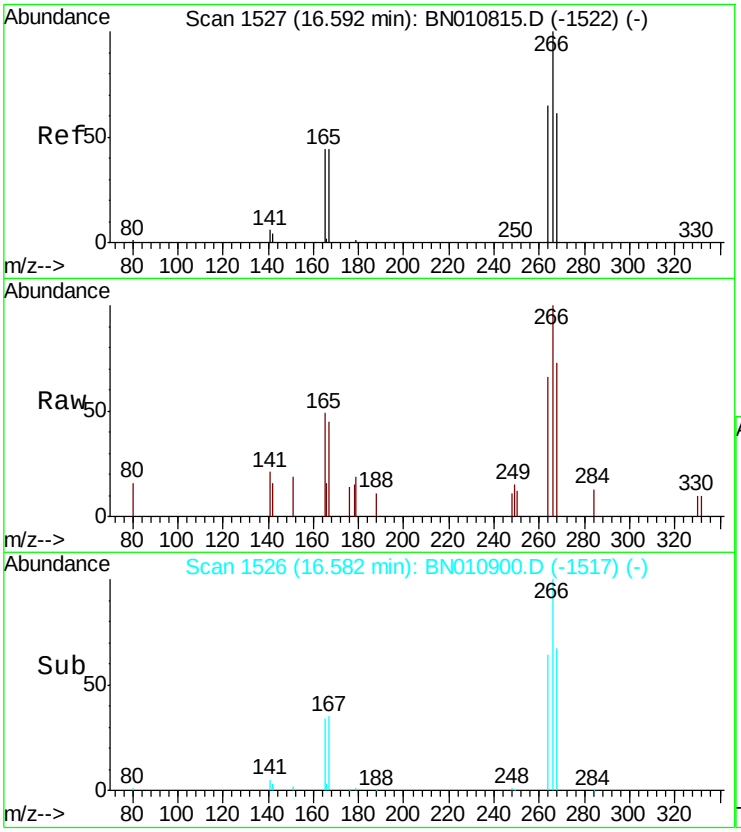


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Tgt Ion:188 Resp: 11184

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	4.5	6.7



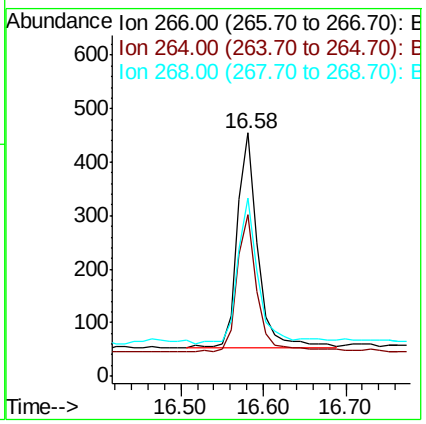


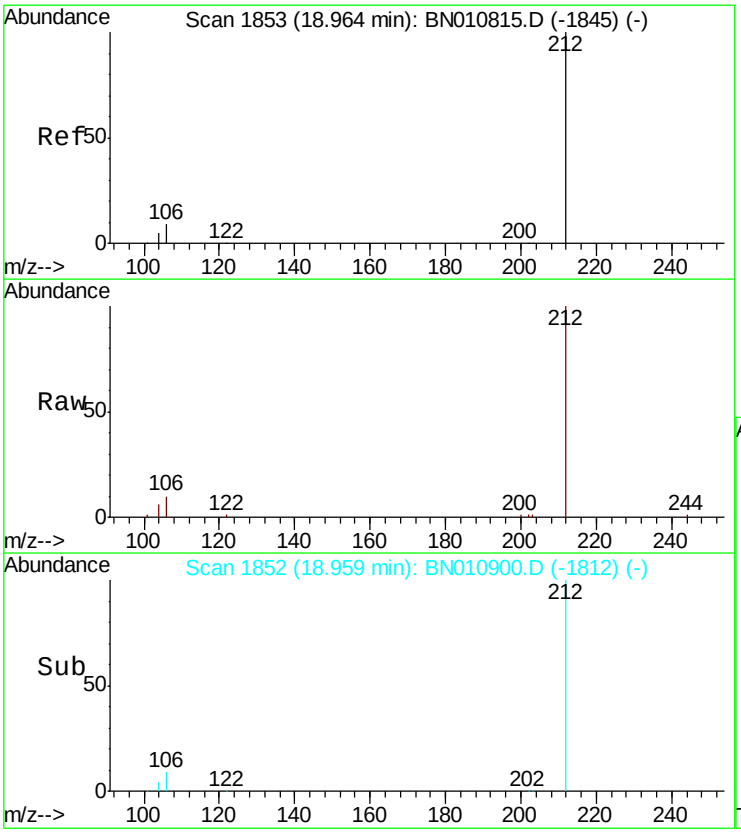
#22
Pentachlorophenol
Concen: 0.293 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
KY024MW068-200610

Tgt Ion:266 Resp: 689

Ion	Ratio	Lower	Upper
266	100		
264	66.2	54.8	82.2
268	73.0	55.9	83.9

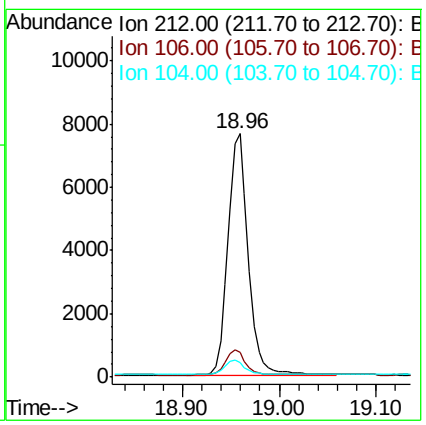


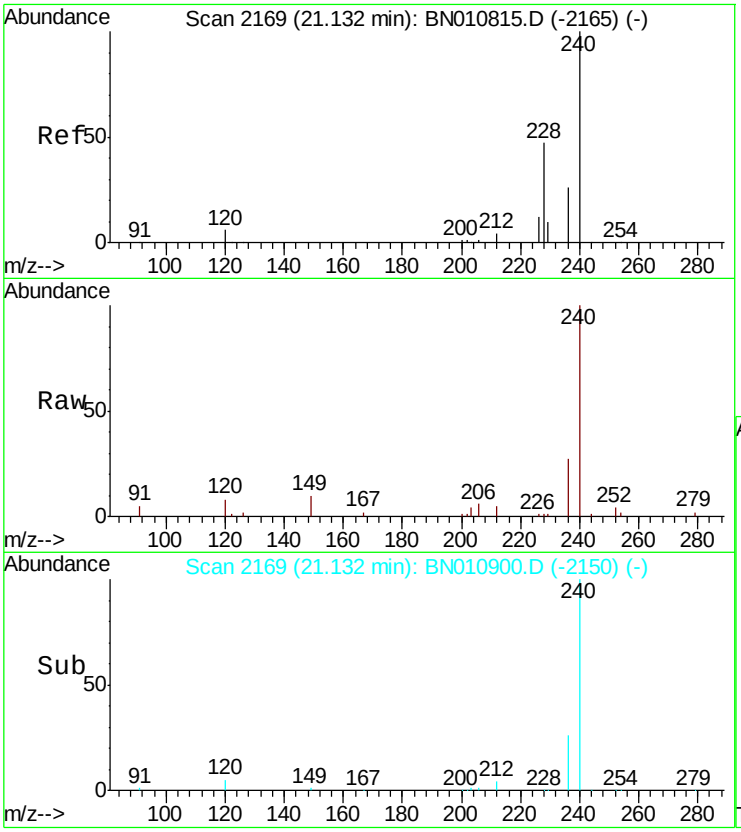


#25
Fluoranthene-d10
Concen: 0.363 ng
RT: 18.96 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Tgt Ion:212 Resp: 11205

Ion	Ratio	Lower	Upper
212	100		
106	10.2	6.6	10.0#
104	5.8	4.0	6.0



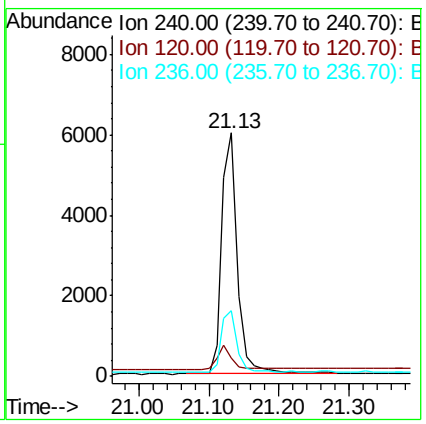


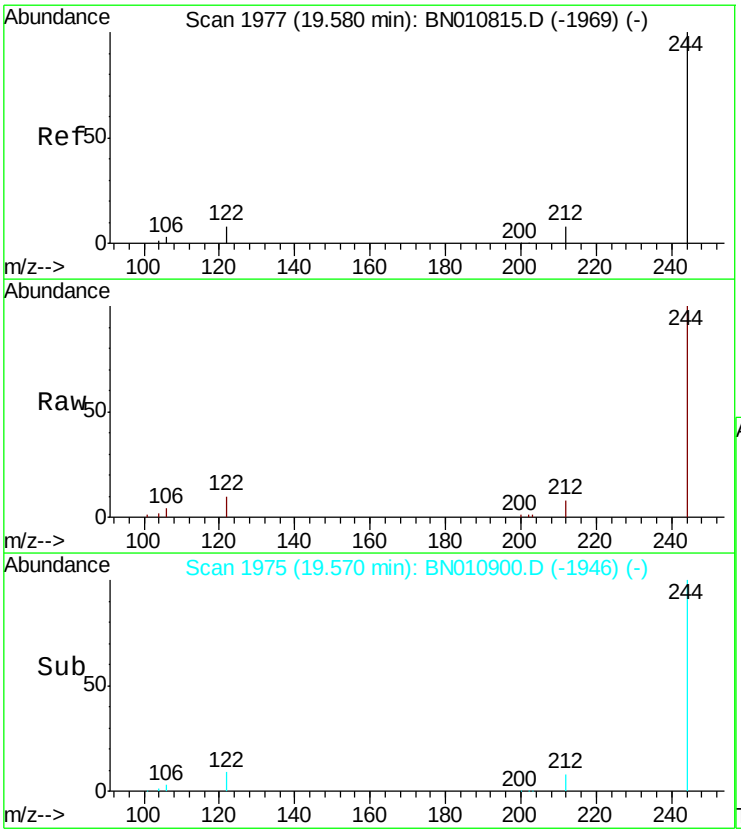
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
KY024MW068-200610

Tgt Ion:240 Resp: 9432

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.5	11.3
236	27.0	22.3	33.5

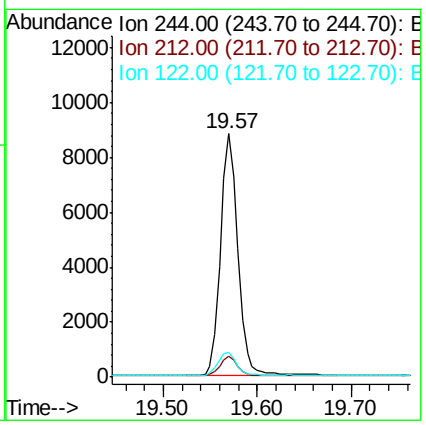


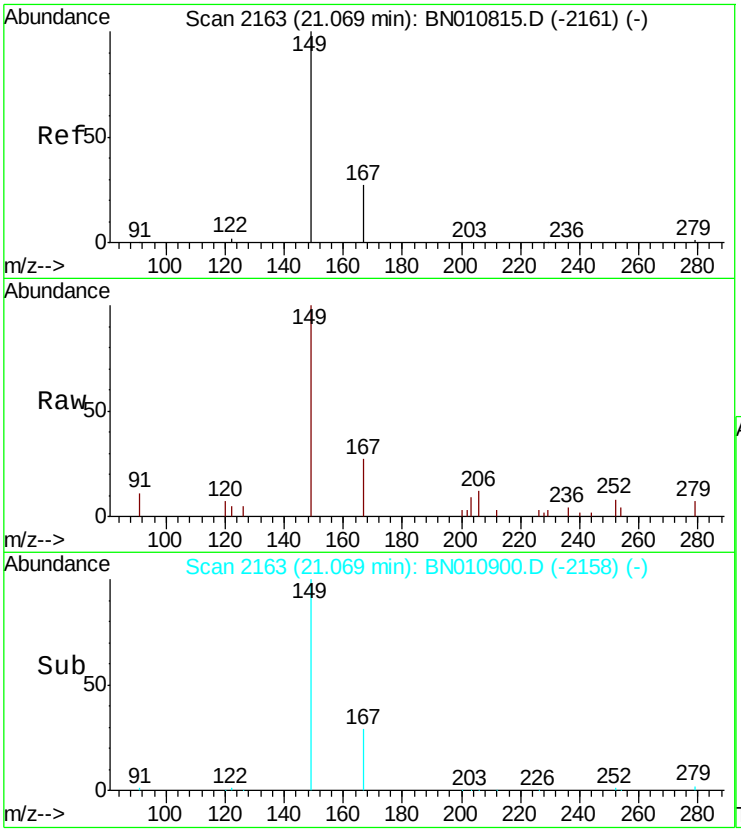


#29
Terphenyl-d14
Concen: 0.515 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Tgt Ion:244 Resp: 11373

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	10.0	7.5	11.3



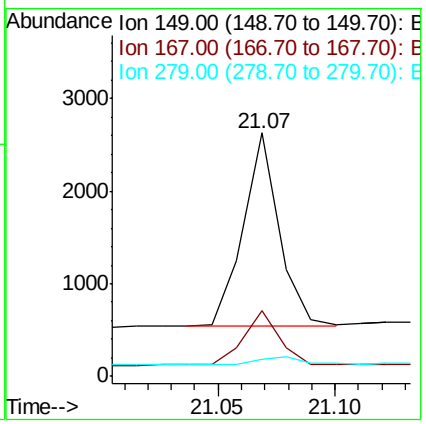


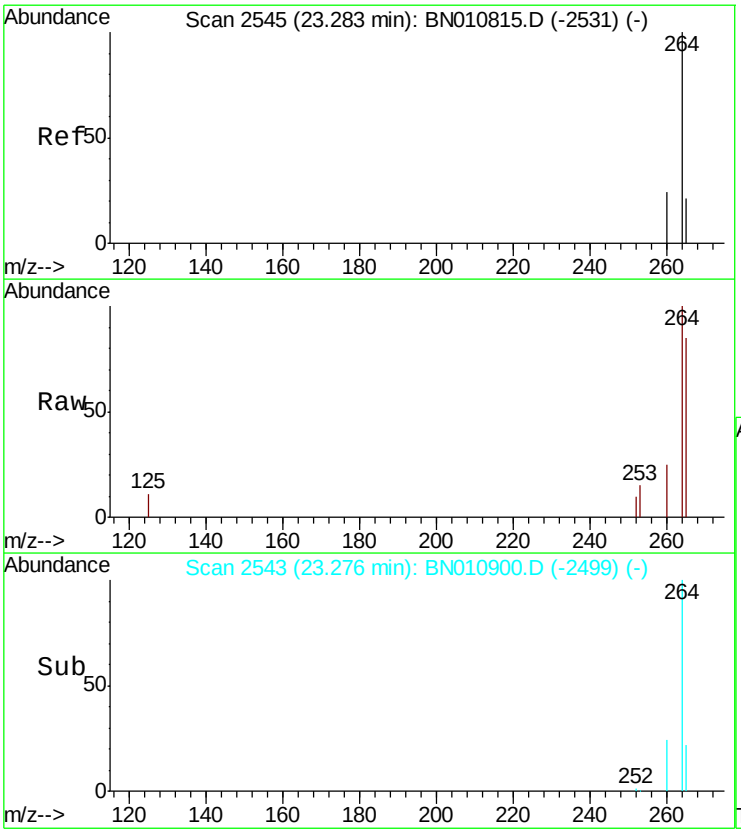
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.245 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
KY024MW068-200610

Tgt Ion:149 Resp: 2261

Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.1	36.1
279	6.2	4.6	7.0





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BN010900.D
Acq: 16 Jun 2020 10:23

Tgt Ion:264 Resp: 8722

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	85.2	75.0	112.4