Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
Data File : BN010795.D
Acq On : 06 Jun 2020 00:07
Operator : CG/JU
Sample : PB129300BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129300BL

Quant Time: Jun 06 01:27:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 22:48:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2148	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	6764	0.40	ng	0.01
13) Acenaphthene-d10	14.19	164	3746	0.40	ng	0.01
19) Phenanthrene-d10	16.94	188	7803	0.40	ng	0.01
27) Chrysene-d12	21.14	240	7023	0.40	ng	0.00
34) Perylene-d12	23.29	264	7161	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1511	0.35	ng	0.00
5) Phenol-d6	6.76	99	1624	0.32	ng	0.00
8) Nitrobenzene-d5	8.72	82	1852	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	11.93	152	3898	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.71	330	417	0.32	ng	0.02
15) 2-Fluorobiphenyl	12.82	172	5305	0.36	ng	0.01
25) Fluoranthene-d10	18.97	212	8351	0.39	ng	0.00
29) Terphenyl-d14	19.59	244	6666	0.43	ng	0.00
Target Compounds						Qvalue

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

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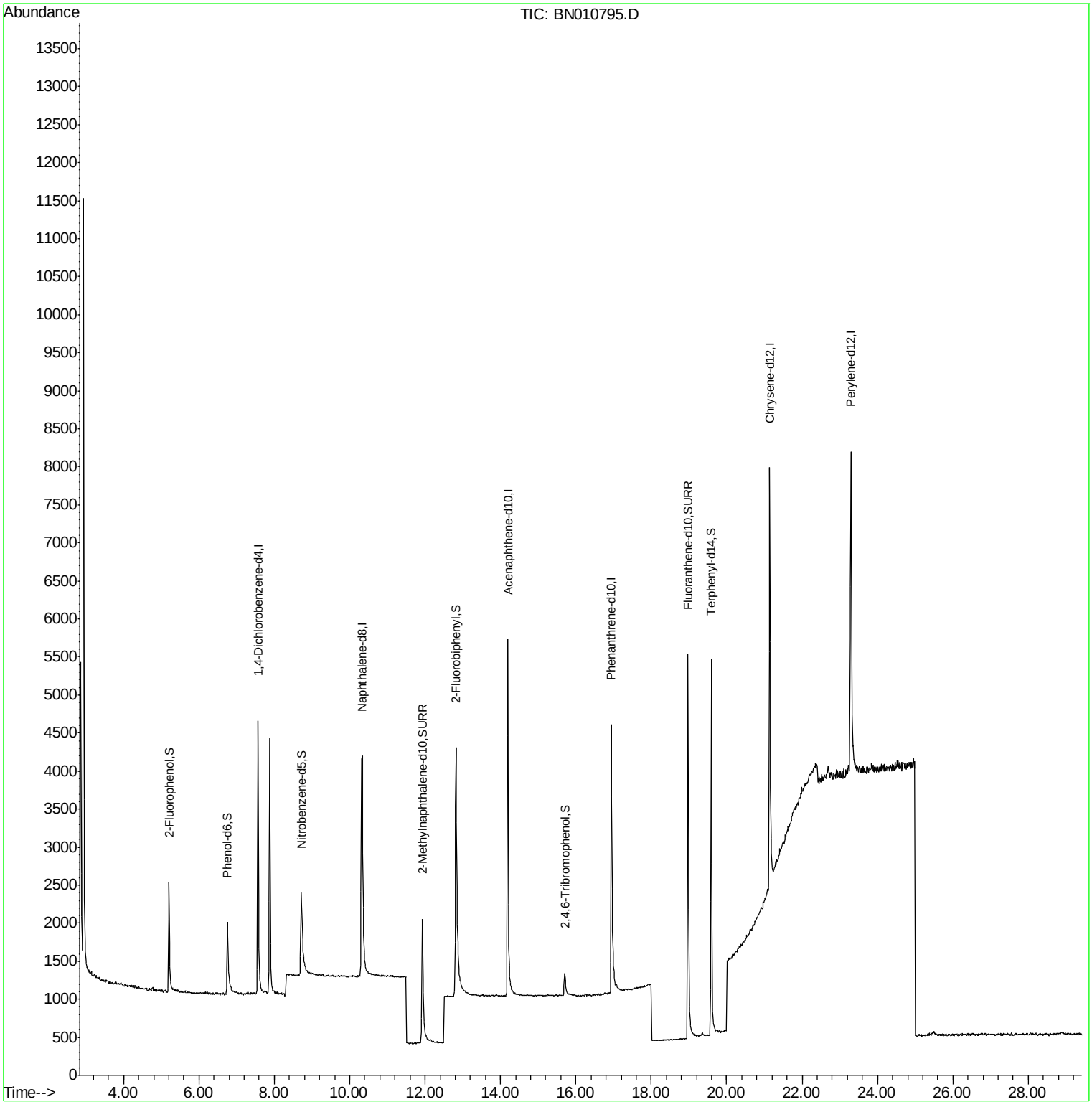
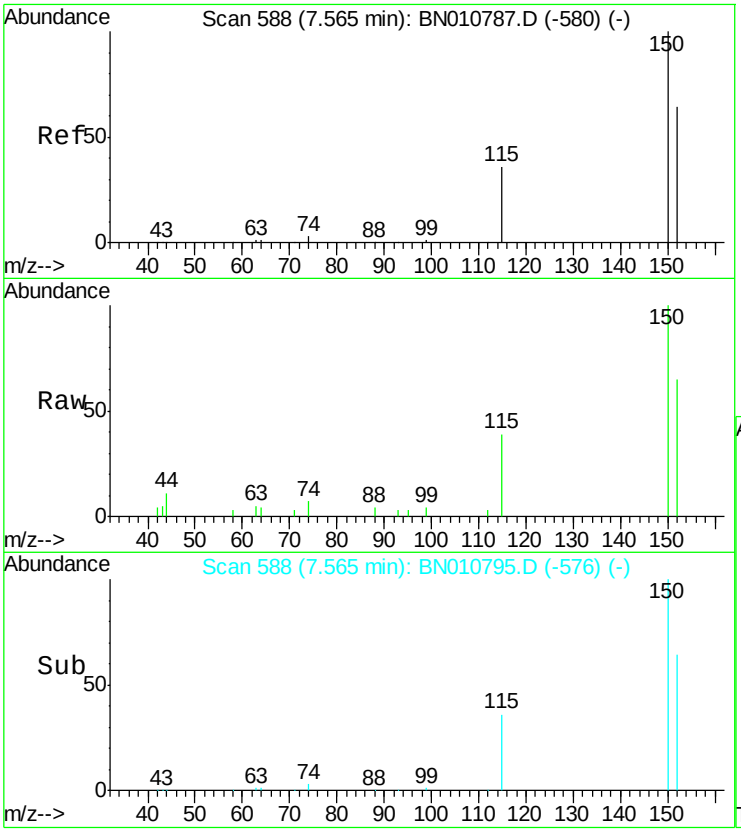


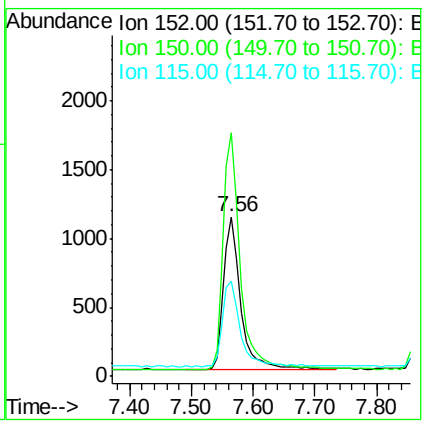


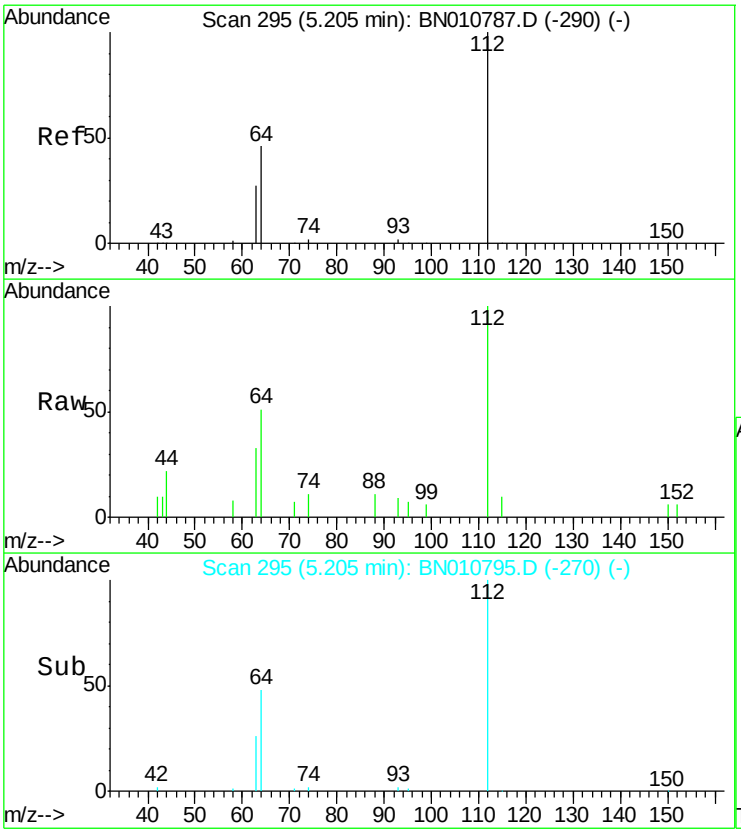
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 588
Delta R.T. -0.00 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Instrument :
BNA_N
ClientSampleId :
PB129300BL

Tgt Ion:152 Resp: 2148

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.6	185.4
115	60.1	47.6	71.4

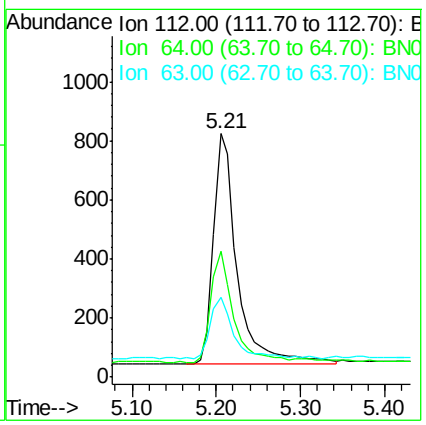


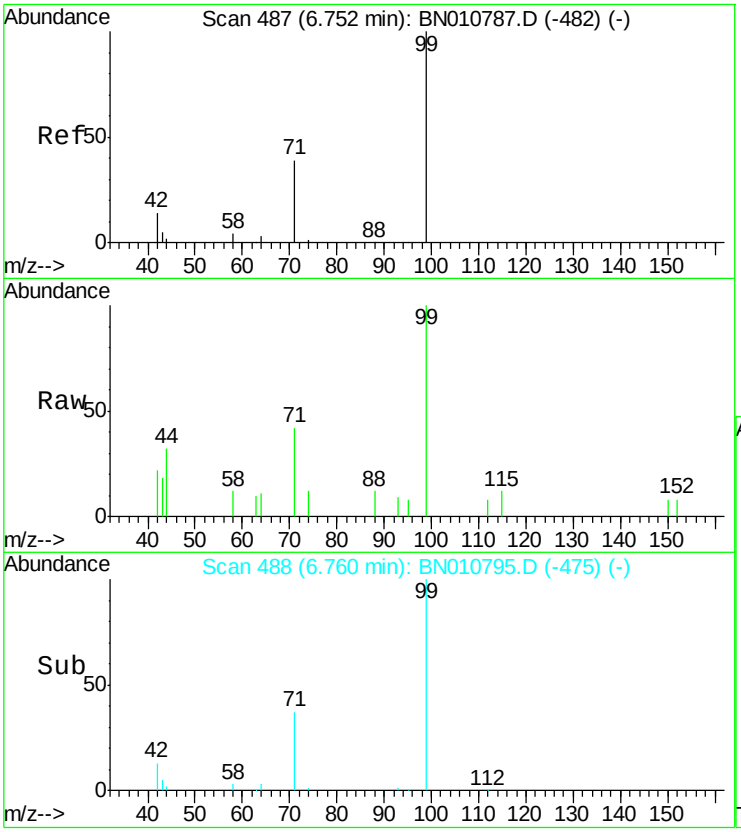


#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion:112 Resp: 1511

Ion	Ratio	Lower	Upper
112	100		
64	48.2	35.8	53.8
63	26.1	20.9	31.3



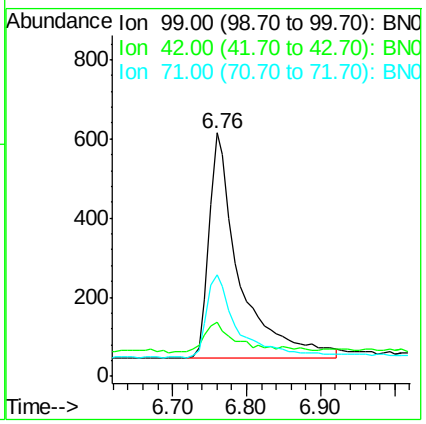


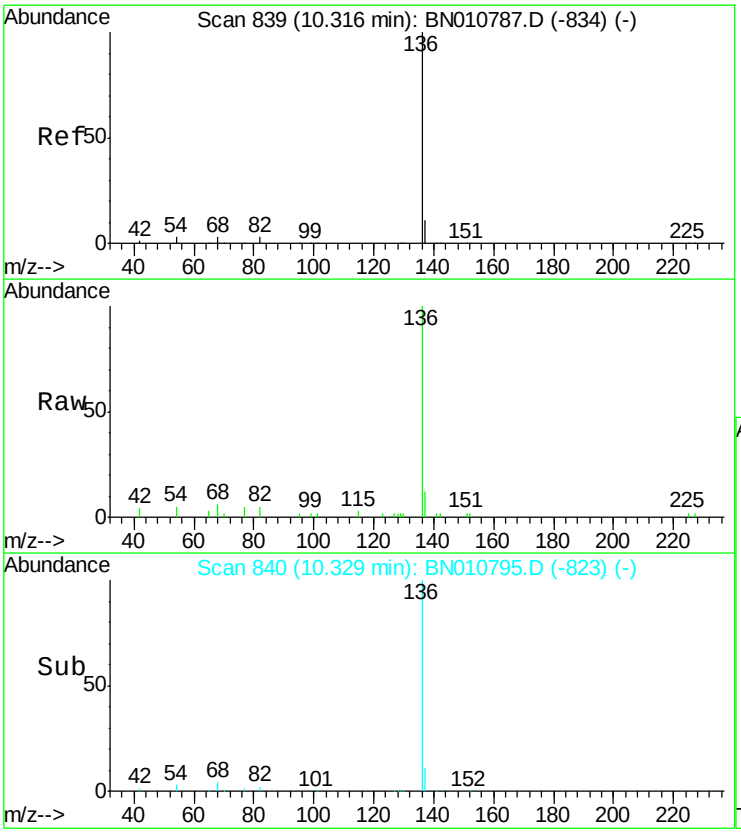
#5
Phenol-d6
Concen: 0.321 ng
RT: 6.76 min Scan# 488
Delta R.T. 0.01 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Instrument :
BNA_N
ClientSampleId :
PB129300BL

Tgt Ion: 99 Resp: 1624

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.1	16.7
71	38.1	30.6	46.0

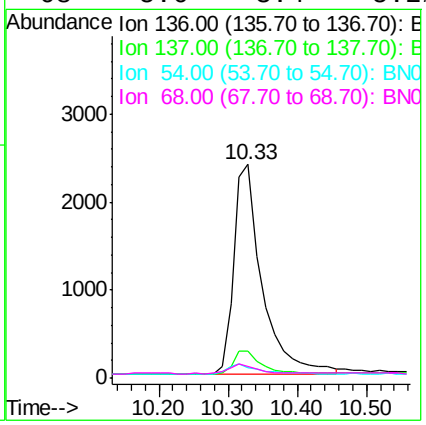


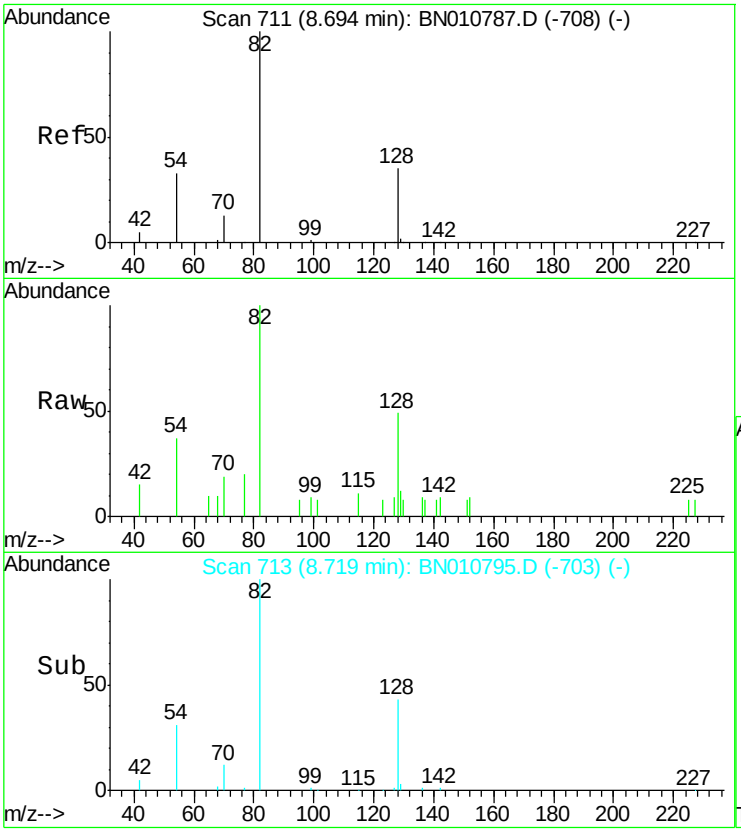


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.01 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion:136 Resp: 6764

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	5.0	3.3	4.9#
68	5.6	3.4	5.2#



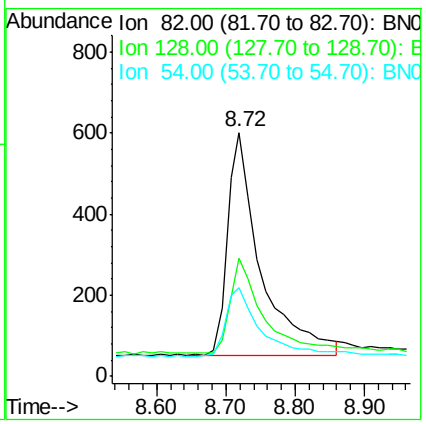


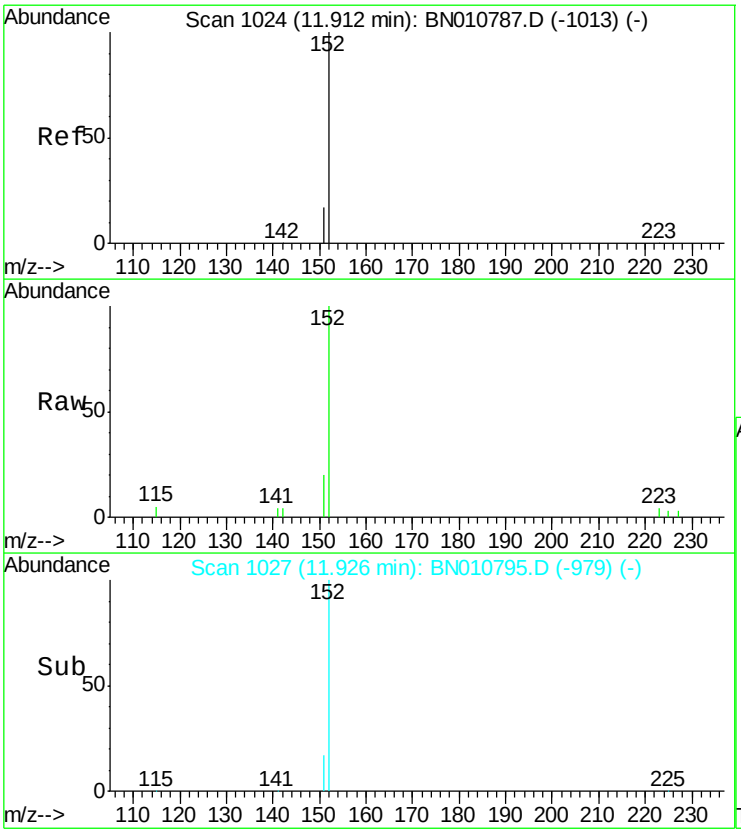
#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.03 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Instrument :
BNA_N
ClientSampleId :
PB129300BL

Tgt Ion: 82 Resp: 1852

Ion	Ratio	Lower	Upper
82	100		
128	48.8	31.4	47.0#
54	36.6	28.9	43.3

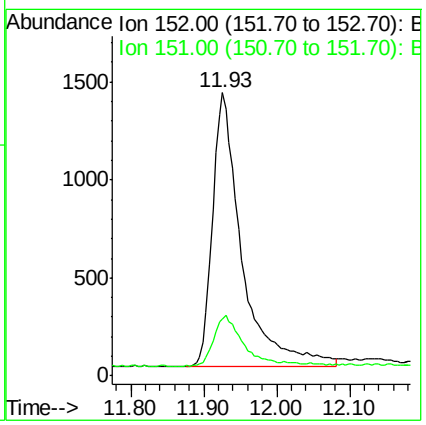


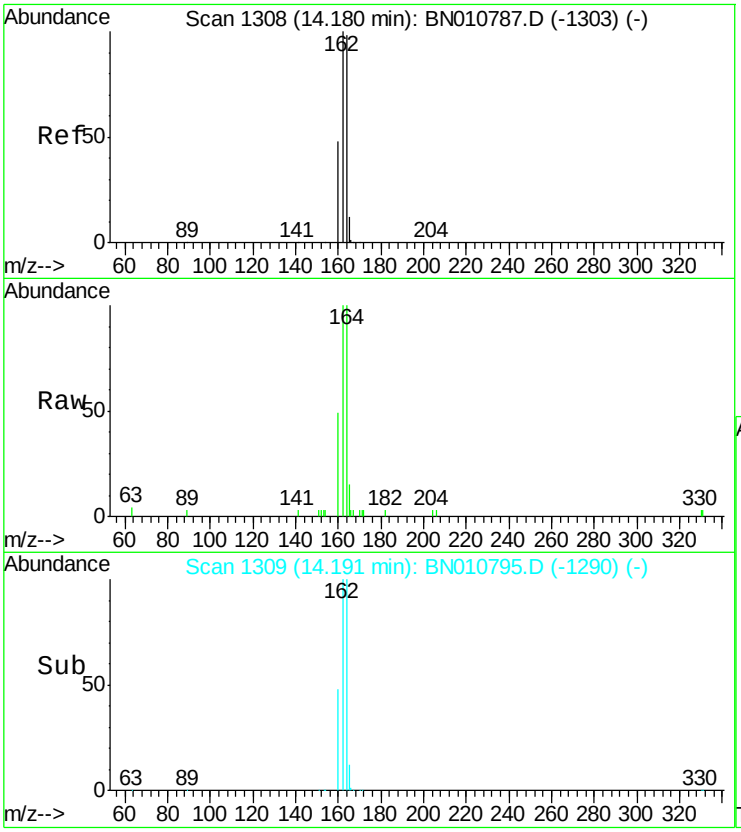


#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion:152 Resp: 3898

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9



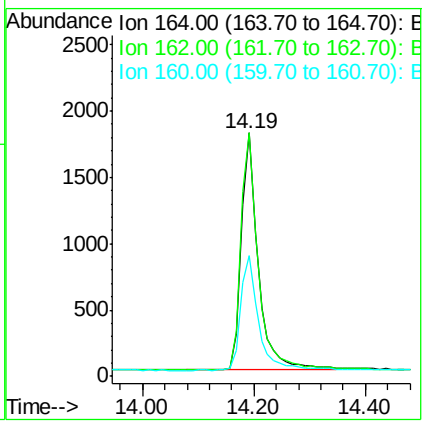


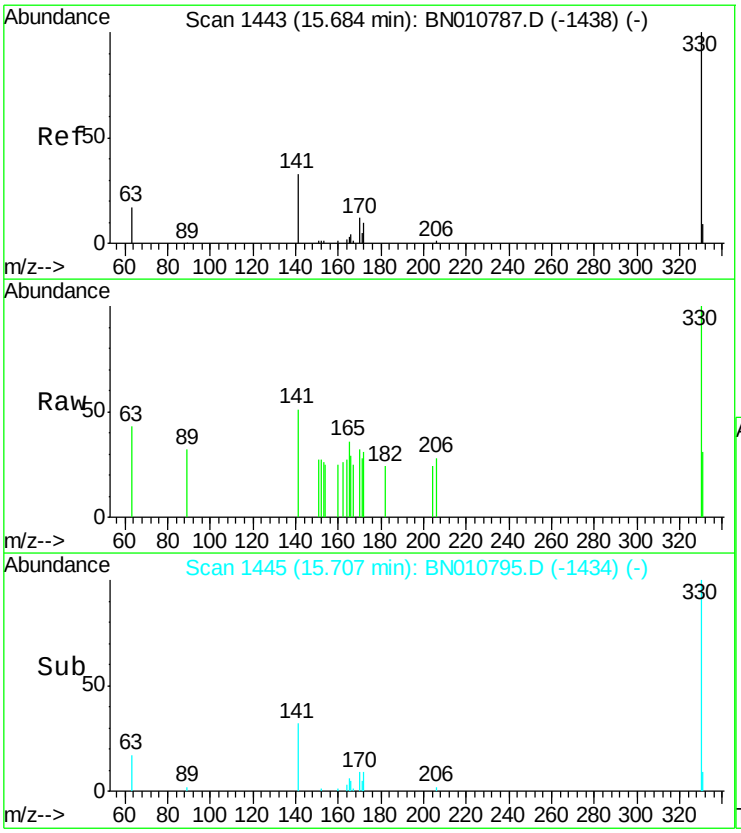
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Instrument :
BNA_N
ClientSampleId :
PB129300BL

Tgt Ion:164 Resp: 3746

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.8	122.8
160	49.4	40.2	60.2

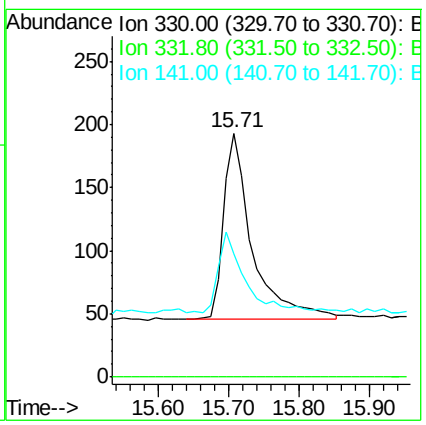


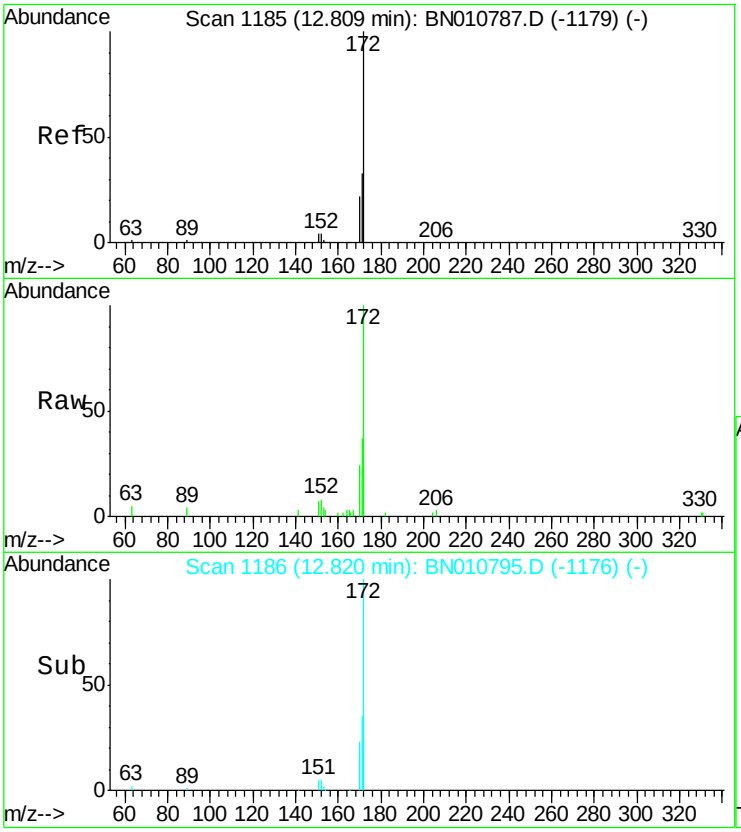


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.02 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion:330 Resp: 417

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	32.1	48.1



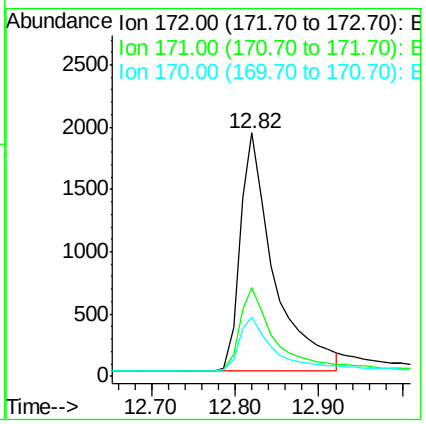


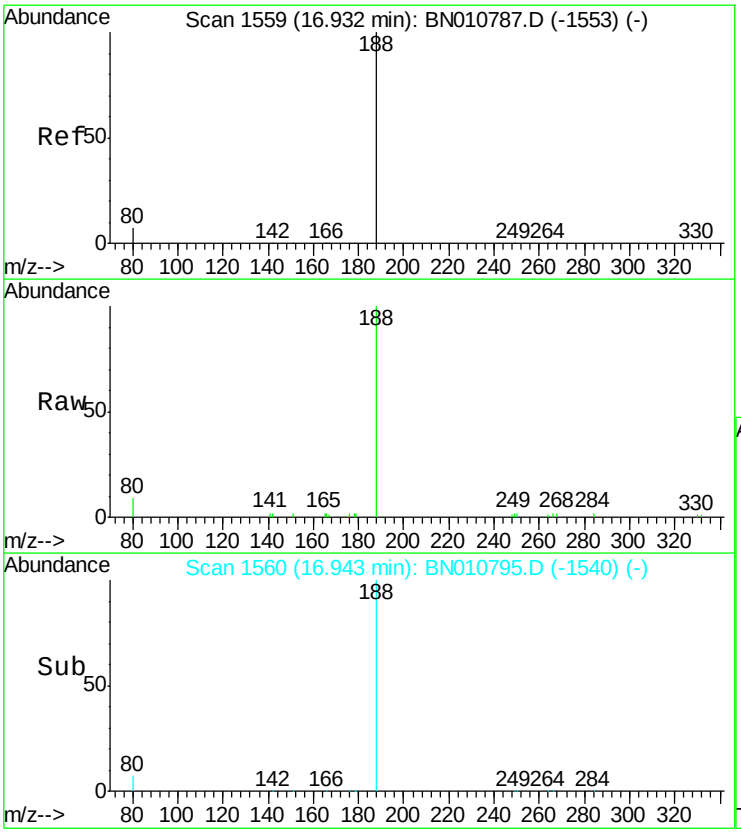
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Instrument :
BNA_N
ClientSampleId :
PB129300BL

Tgt Ion:172 Resp: 5305

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.2	40.8
170	24.4	18.1	27.1

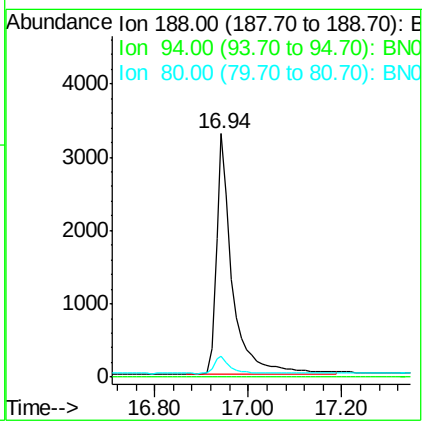


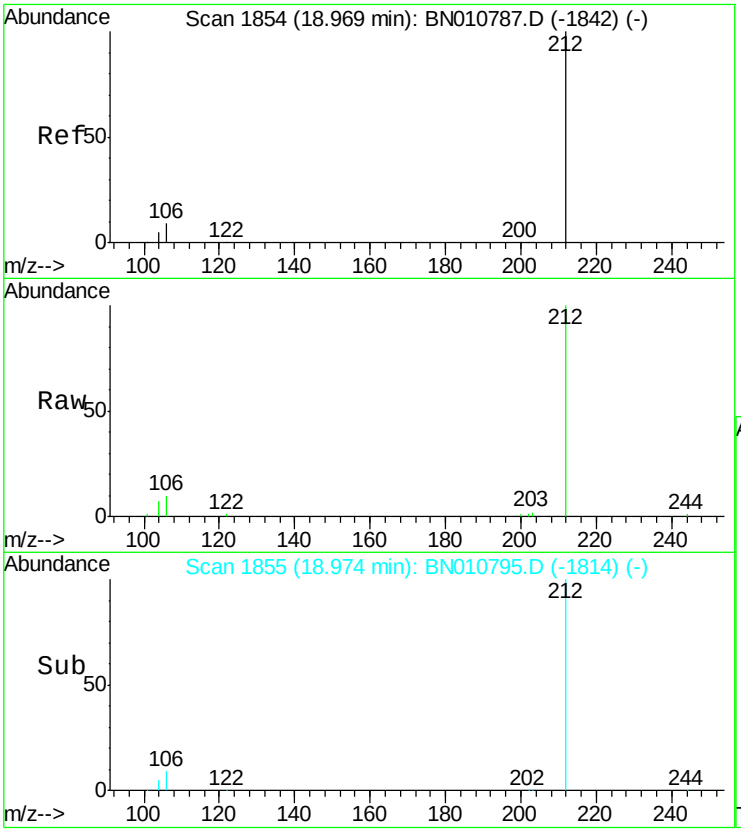


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion:188 Resp: 7803

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	5.9	8.9



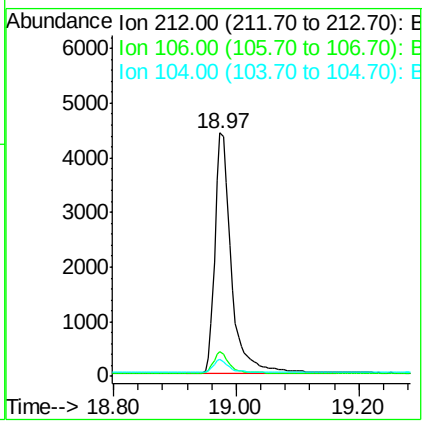


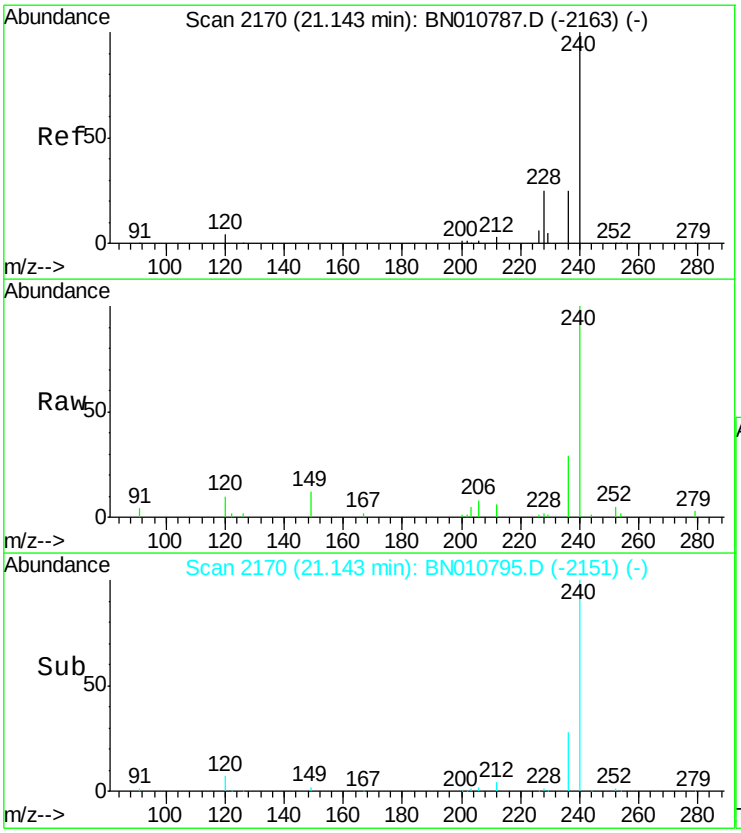
#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 18.97 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Instrument :
BNA_N
ClientSampleId :
PB129300BL

Tgt Ion:212 Resp: 8351

Ion	Ratio	Lower	Upper
212	100		
106	8.5	7.1	10.7
104	5.1	4.1	6.1

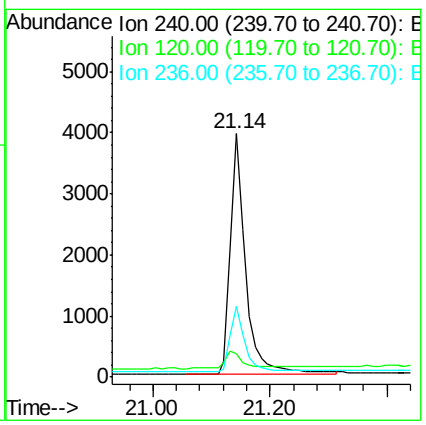


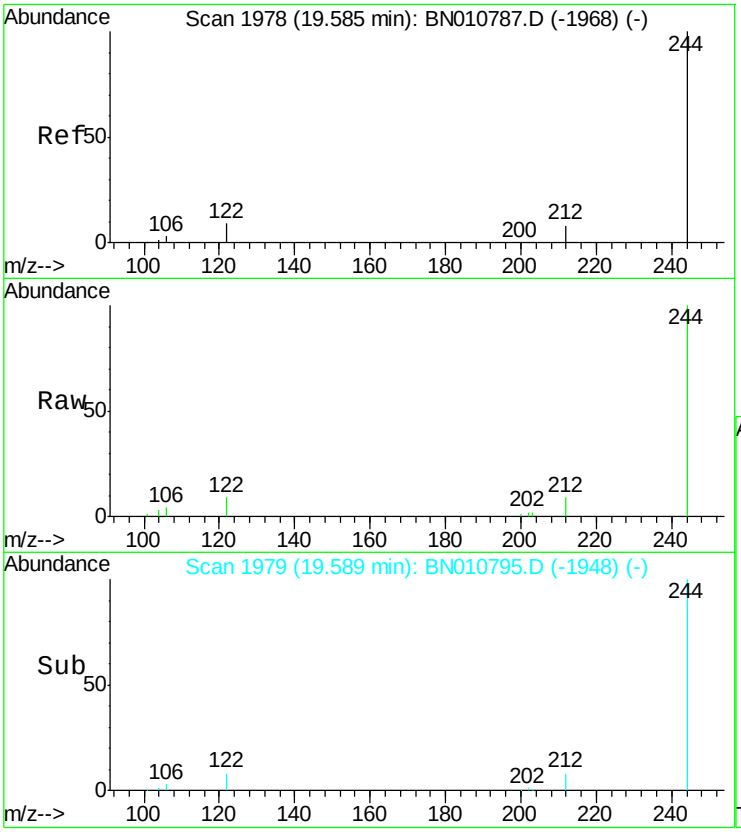


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion:240 Resp: 7023

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.2	7.8#
236	29.2	21.3	31.9



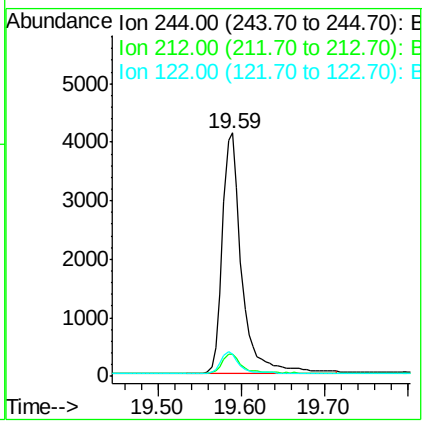


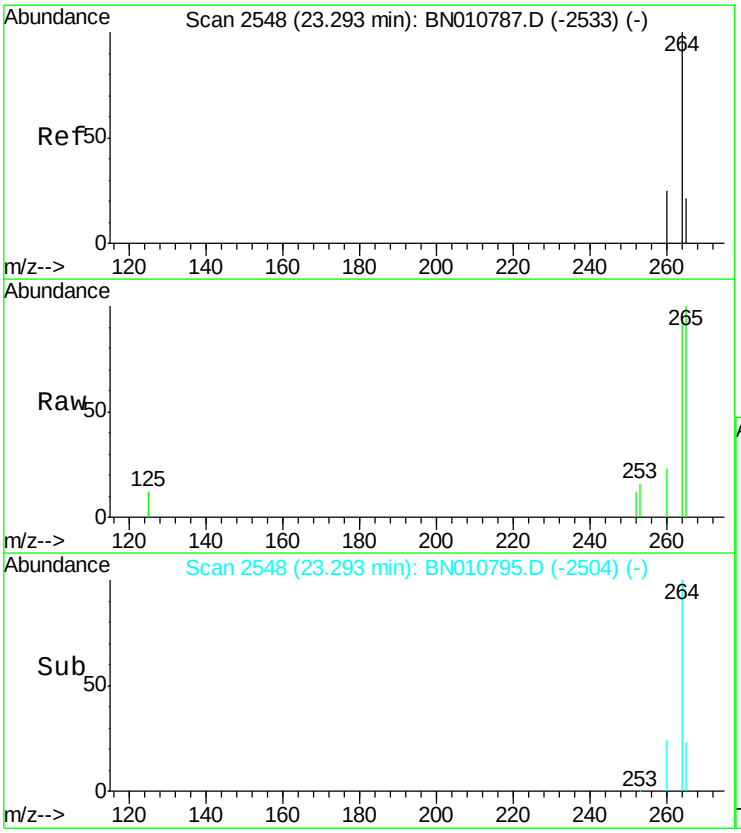
#29
Terphenyl-d14
Concen: 0.426 ng
RT: 19.59 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Instrument : BNA_N
ClientSampleId : PB129300BL

Tgt Ion:244 Resp: 6666

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.2	10.8
122	9.1	7.8	11.6





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion:264 Resp: 7161

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.3	30.5
265	108.8	61.7	92.5#