Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
Data File : BN011901.D
Acq On : 24 Sep 2020 05:40
Operator : CG/JU
Sample : L4083-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

Quant Time: Sep 24 07:20:09 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 18:41:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.691	152	2464	0.40	ng	0.00
7) Naphthalene-d8	10.466	136	10258	0.40	ng	# 0.00
13) Acenaphthene-d10	14.319	164	5589	0.40	ng	0.00
19) Phenanthrene-d10	17.066	188	10815	0.40	ng	0.00
29) Chrysene-d12	21.259	240	10038	0.40	ng	#-0.01
36) Perylene-d12	23.473	264	10363	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1388	0.16	ng	0.00
5) Phenol-d6	6.861	99	951	0.09	ng	0.00
8) Nitrobenzene-d5	8.831	82	3236	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.055	152	4584	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	1091	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	6822	0.32	ng	0.00
27) Fluoranthene-d10	19.097	212	11210	0.35	ng	0.00
31) Terphenyl-d14	19.703	244	11476	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	30165	7.03	ng	95
6) bis(2-Chloroethyl)ether	7.119	93	252	0.03	ng #	83
34) Bis(2-ethylhexyl)phtha...	21.174	149	2916	0.13	ng #	88

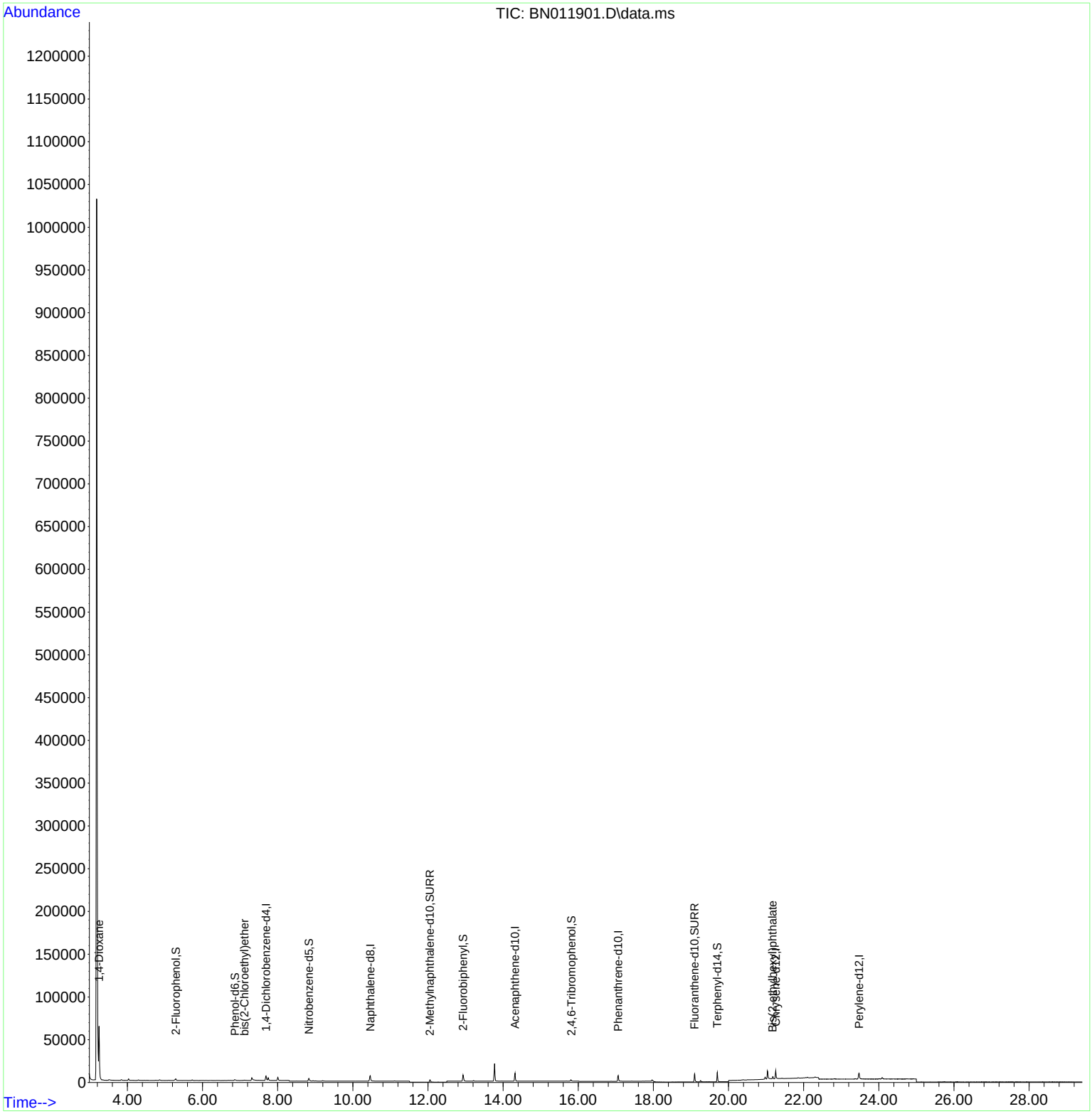
(#) = qualifier out of range (m) = manual integration (+) = signals summed

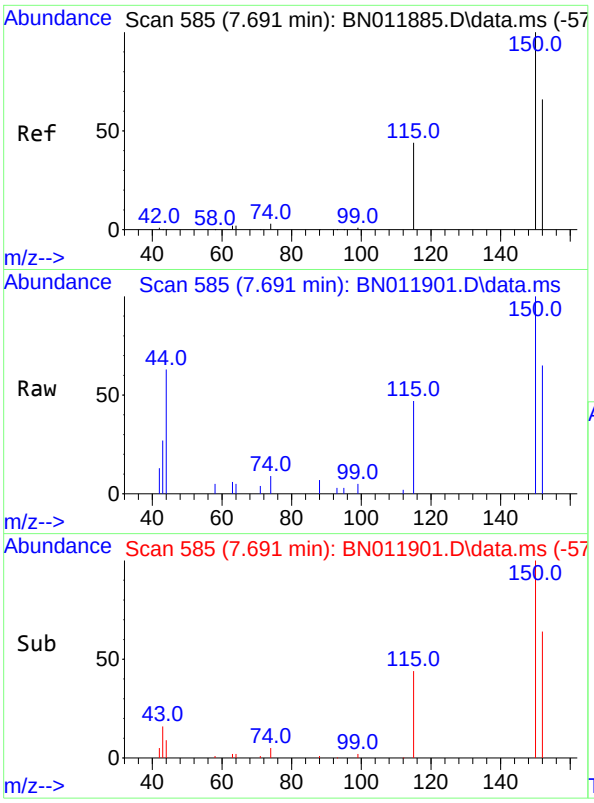
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
Data File : BN011901.D
Acq On : 24 Sep 2020 05:40
Operator : CG/JU
Sample : L4083-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

Quant Time: Sep 24 07:20:09 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 18:41:41 2020
Response via : Initial Calibration

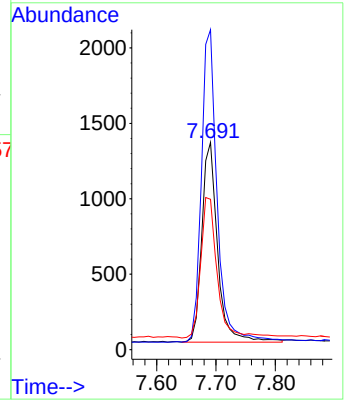




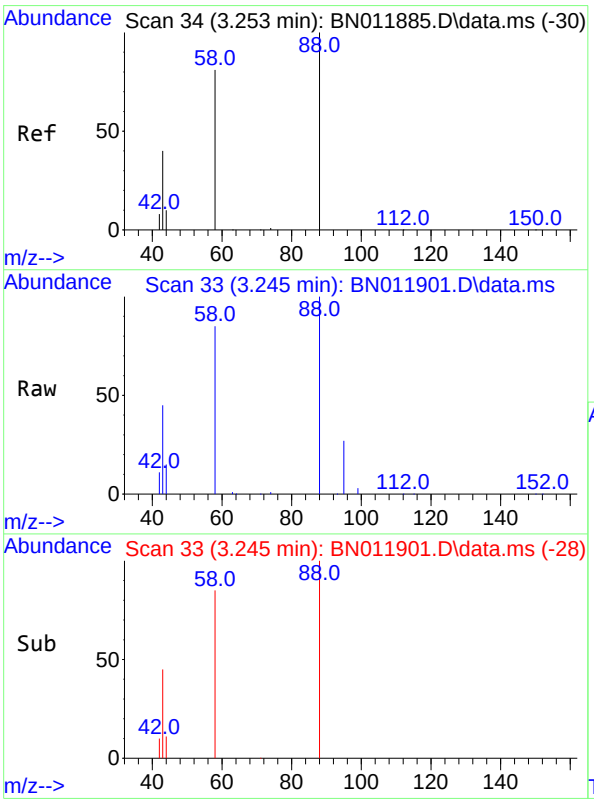
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.691 min Scan# 585
Delta R.T. -0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:152 Resp: 2464

Ion	Ratio	Lower	Upper
152	100		
150	154.4	118.3	177.5
115	72.6	51.3	76.9



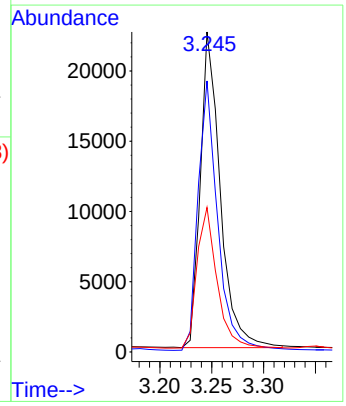
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

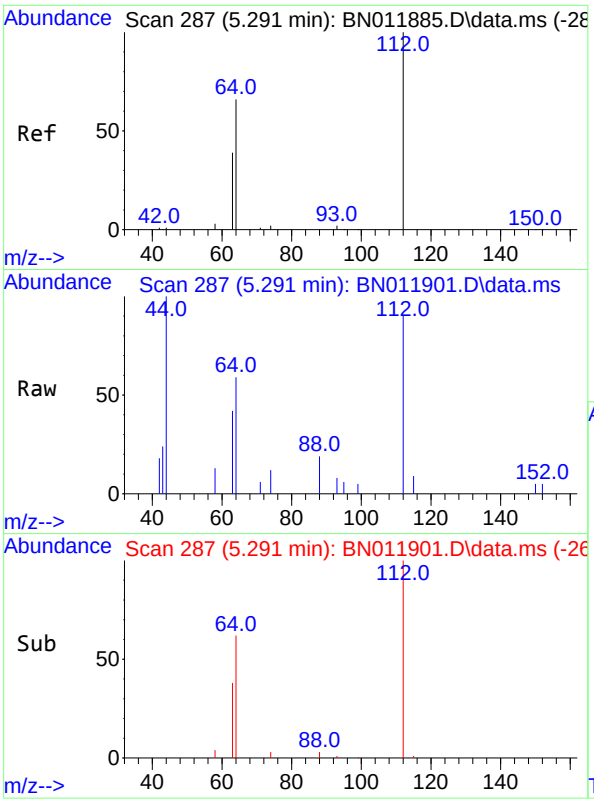


#2
1,4-Dioxane
Concen: 7.03 ng
RT: 3.245 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion: 88 Resp: 30165

Ion	Ratio	Lower	Upper
88	100		
58	83.6	63.3	94.9
43	44.3	33.0	49.4

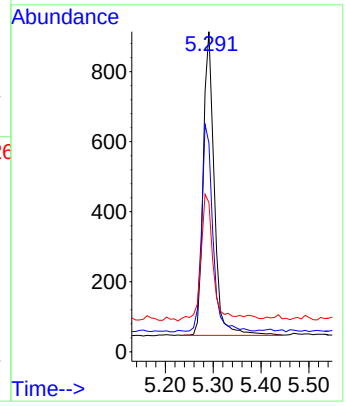




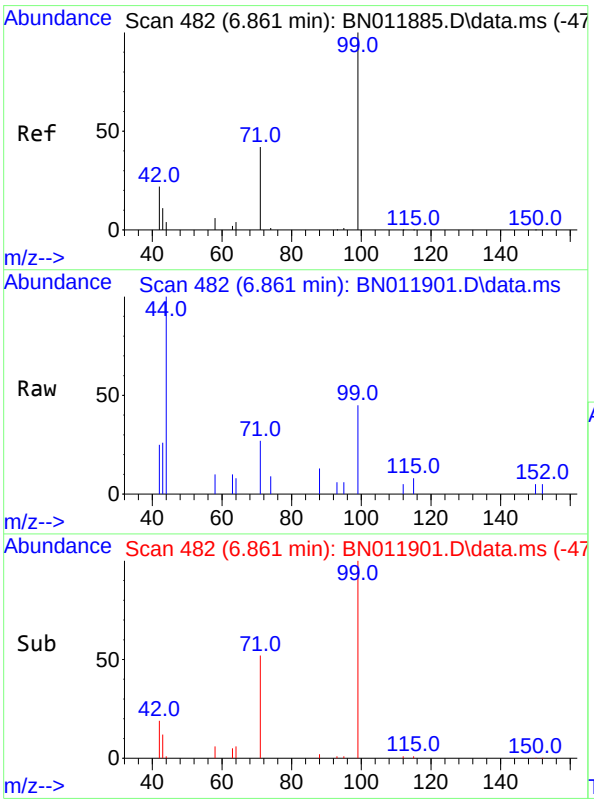
#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.291 min Scan# 287
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:112 Resp: 1388

Ion	Ratio	Lower	Upper
112	100		
64	70.4	49.0	73.6
63	46.1	31.8	47.6



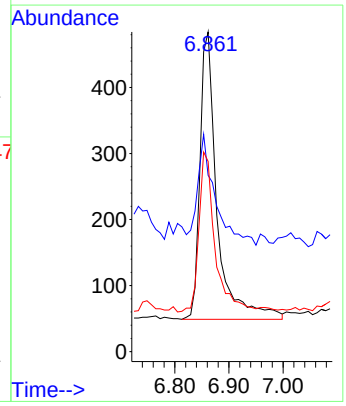
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

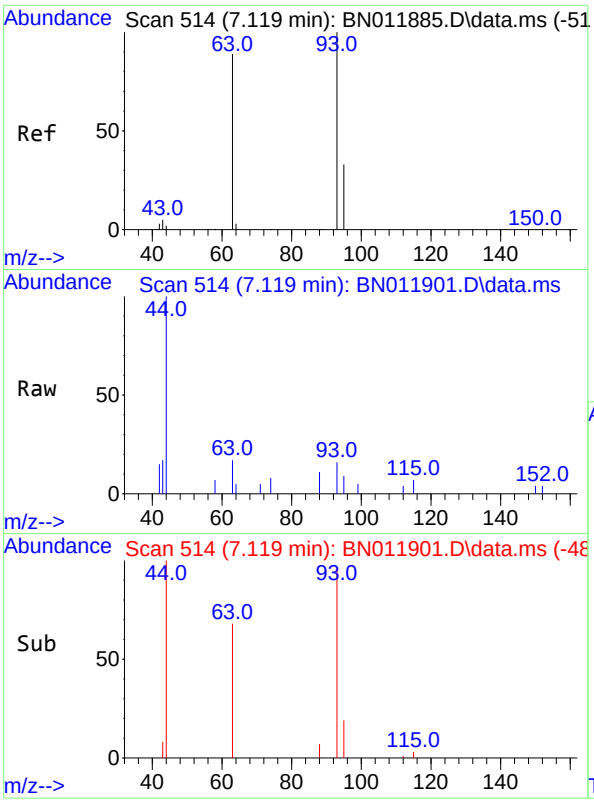


#5
Phenol-d6
Concen: 0.09 ng
RT: 6.861 min Scan# 482
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion: 99 Resp: 951

Ion	Ratio	Lower	Upper
99	100		
42	40.1	23.4	35.0#
71	52.4	38.1	57.1

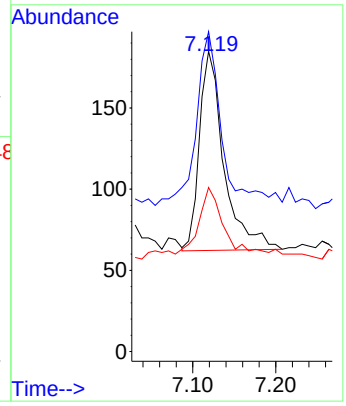




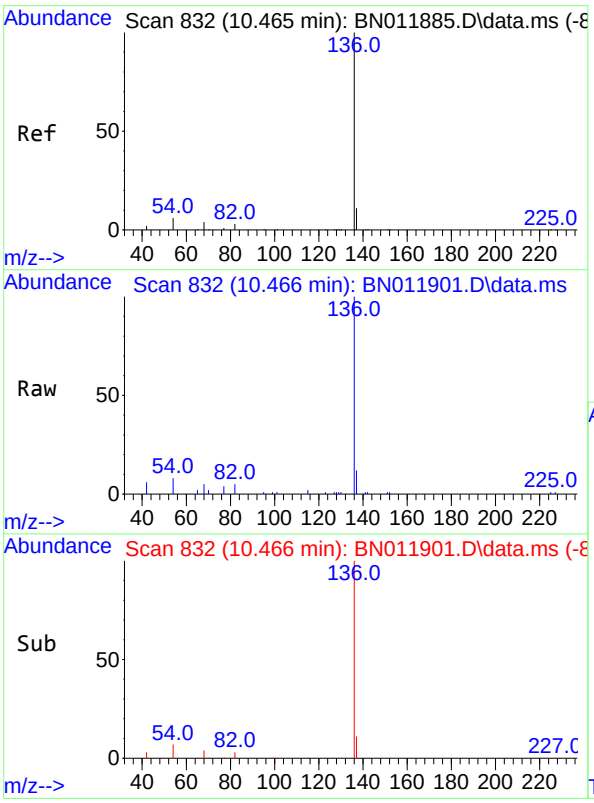
#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.119 min Scan# 514
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion: 93 Resp: 252

Ion	Ratio	Lower	Upper
93	100		
63	89.3	61.1	91.7
95	44.4	25.5	38.3#



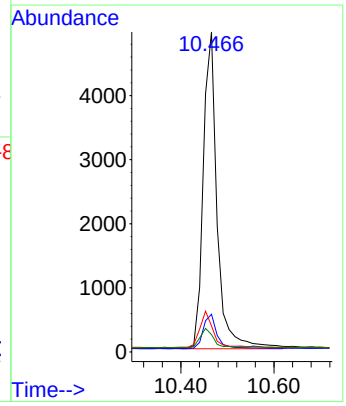
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

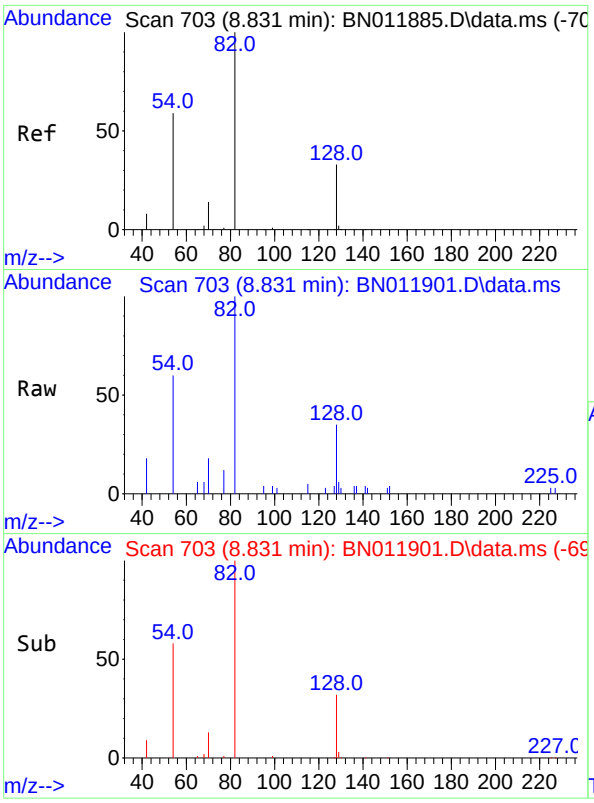


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.466 min Scan# 832
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:136 Resp: 10258

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	8.1	5.6	8.4
68	5.5	3.2	4.8#

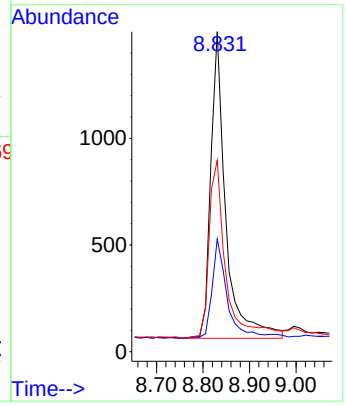




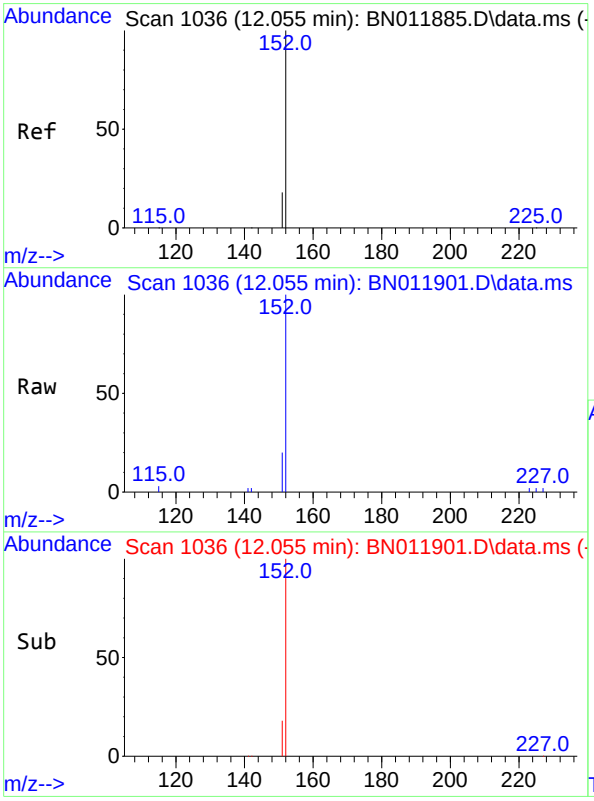
#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.831 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion: 82 Resp: 3236

Ion	Ratio	Lower	Upper
82	100		
128	35.2	34.2	51.2
54	59.9	43.1	64.7



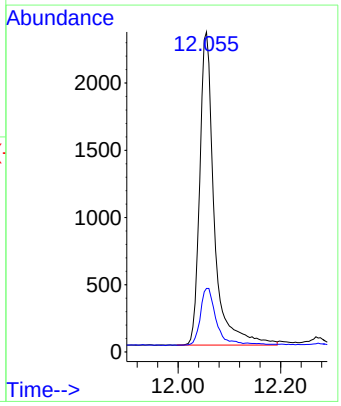
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

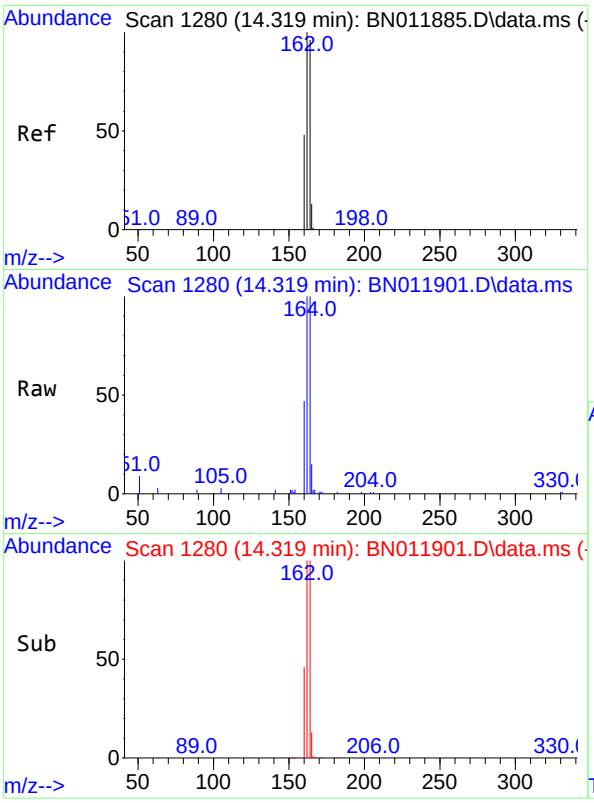


#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.055 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:152 Resp: 4584

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.7	25.1

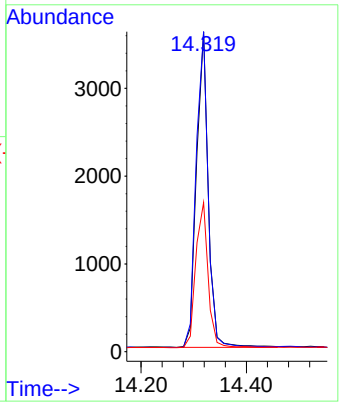




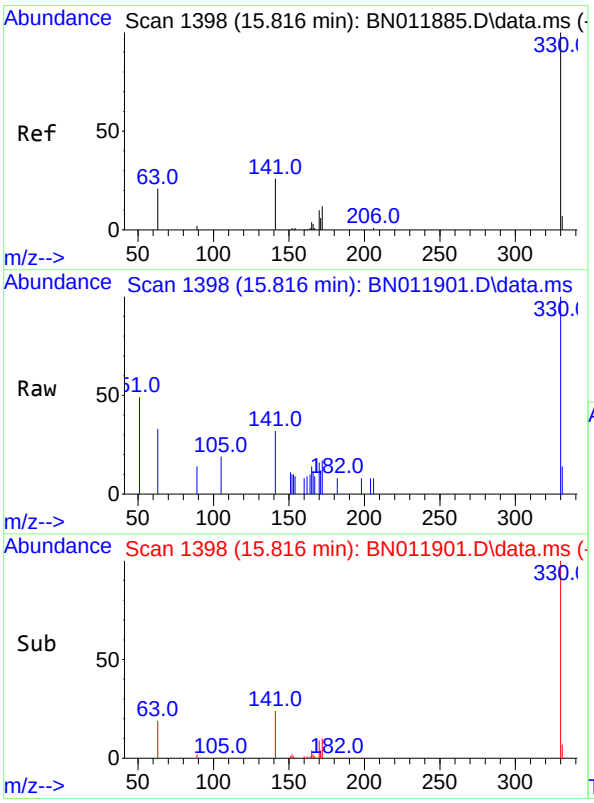
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.319 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:164 Resp: 5589

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.6	125.4
160	46.6	41.2	61.8



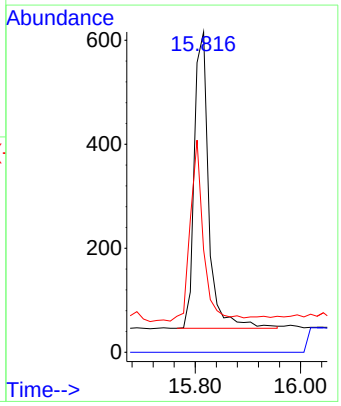
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

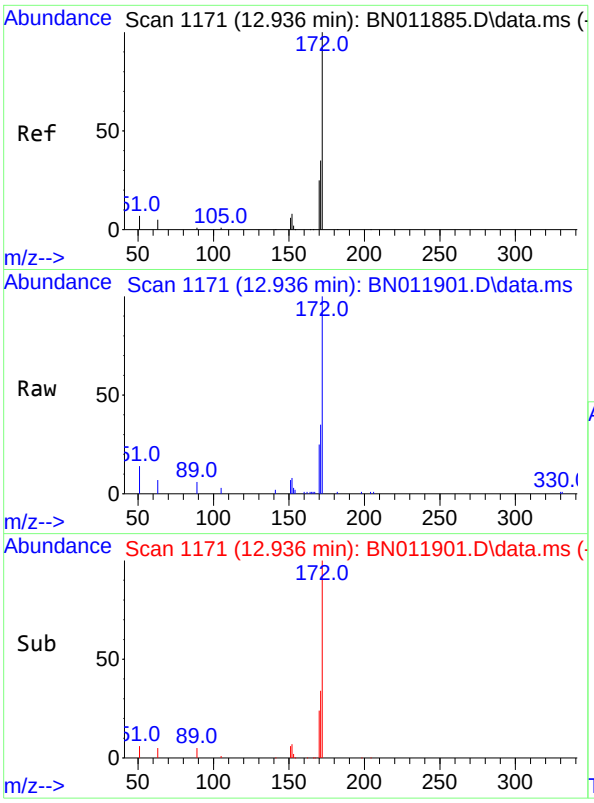


#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.816 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:330 Resp: 1091

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	55.8	33.7	50.5#

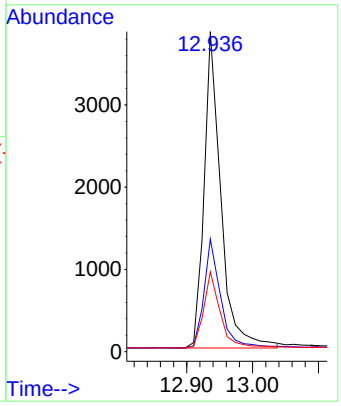




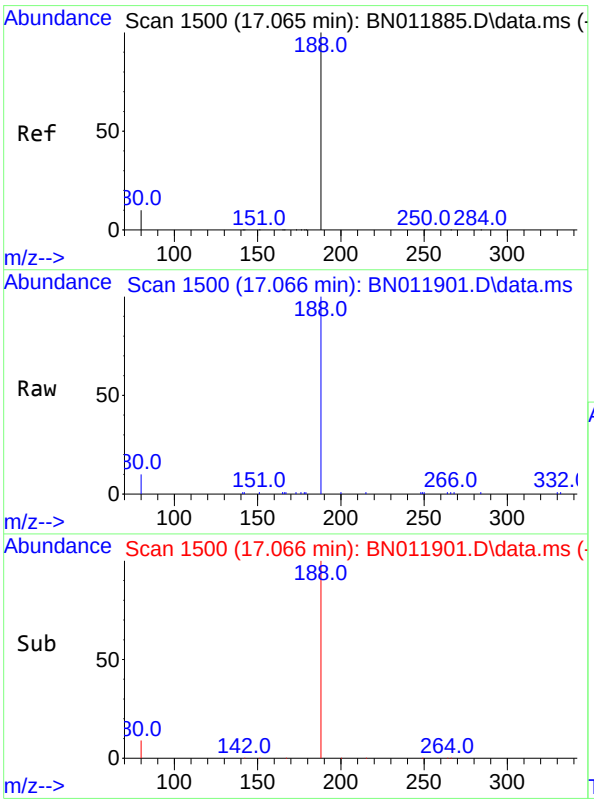
#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:172 Resp: 6822

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.4	41.2
170	24.9	17.8	26.6



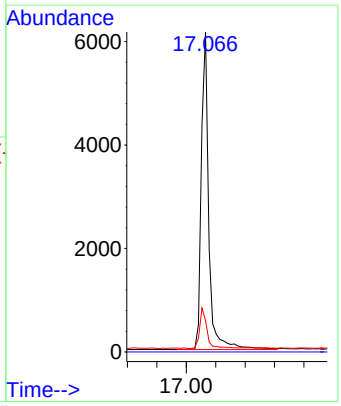
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916



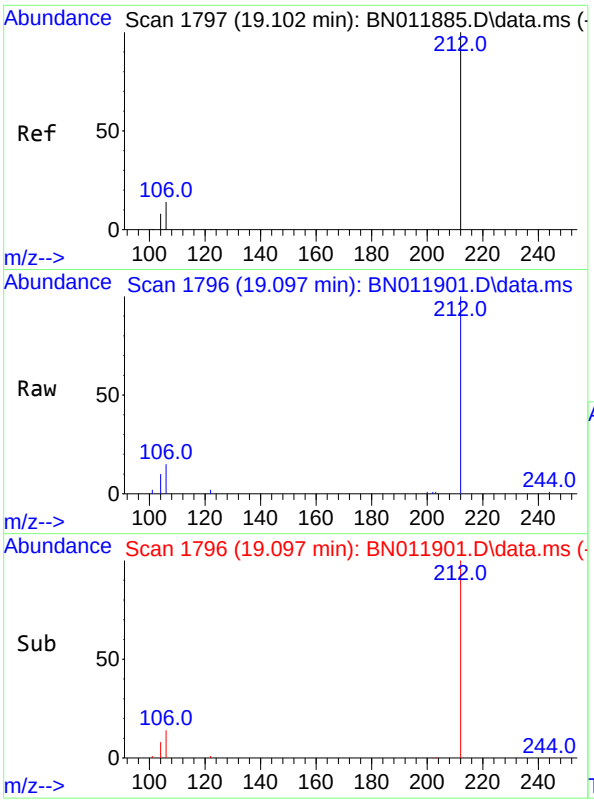
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.066 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:188 Resp: 10815

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.7	11.5



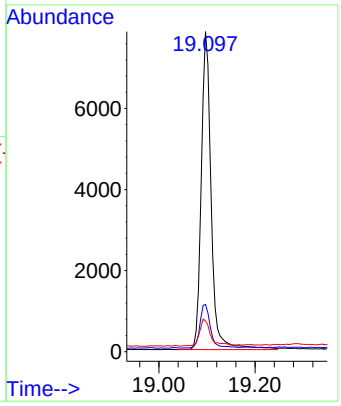
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

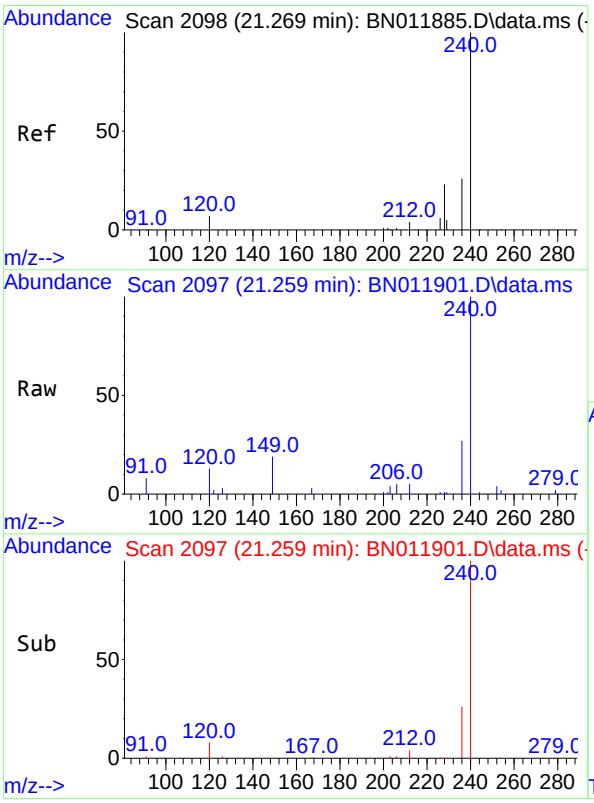


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.097 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:212 Resp: 11210

Ion	Ratio	Lower	Upper
212	100		
106	14.5	6.4	9.6#
104	9.5	3.9	5.9#

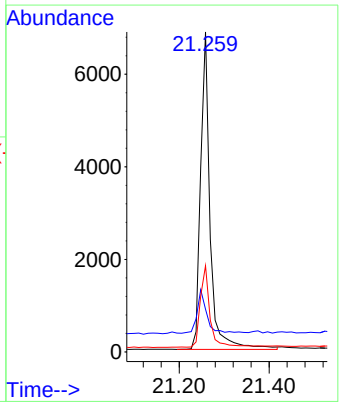




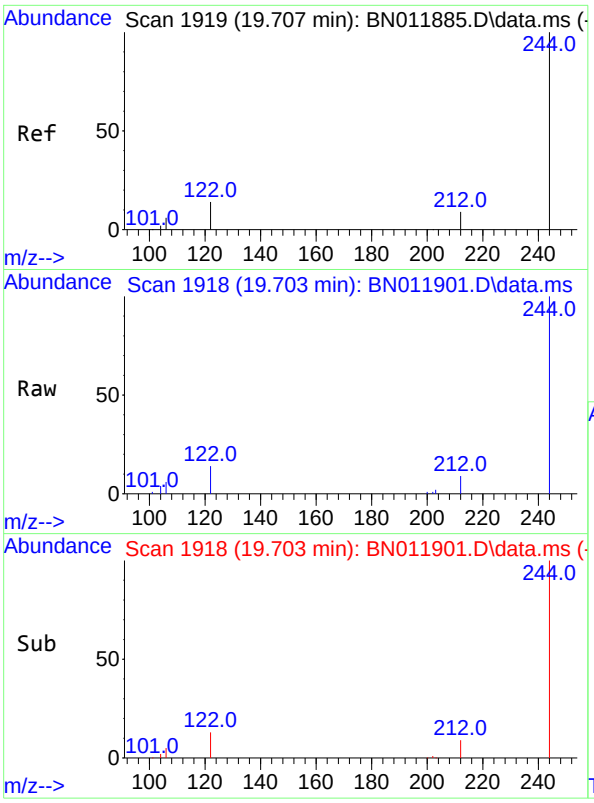
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:240 Resp: 10038

Ion	Ratio	Lower	Upper
240	100		
120	13.4	3.5	5.3#
236	27.0	20.5	30.7



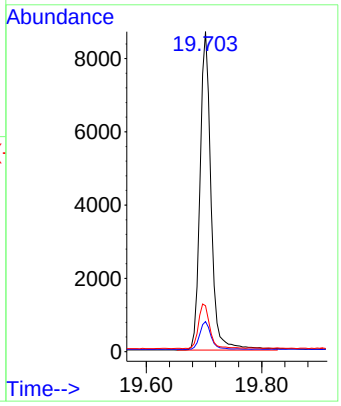
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

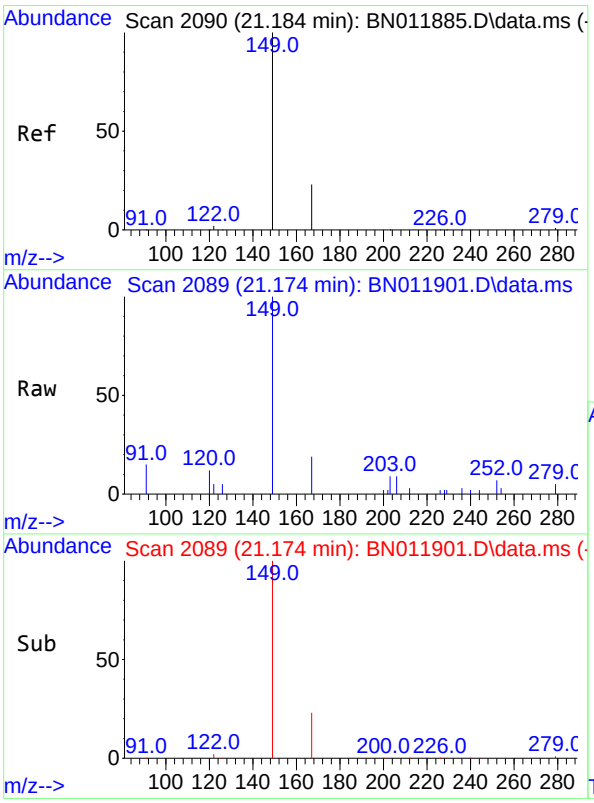


#31
Terphenyl-d14
Concen: 0.50 ng
RT: 19.703 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:244 Resp: 11476

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	14.3	7.8	11.6#

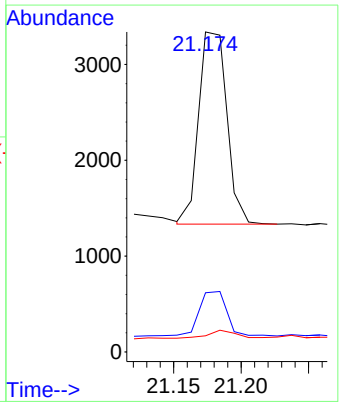


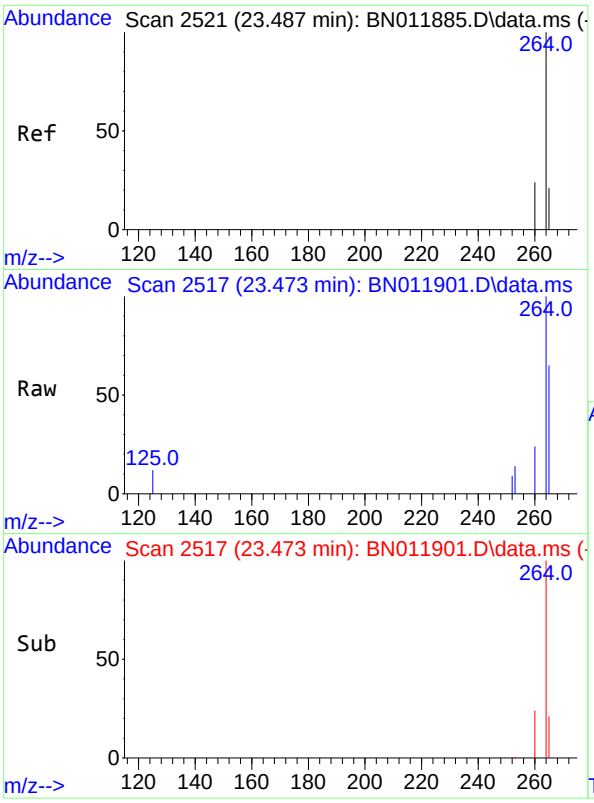


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.174 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:149 Resp: 2916

Ion	Ratio	Lower	Upper
149	100		
167	22.4	23.6	35.4#
279	3.9	4.0	6.0#

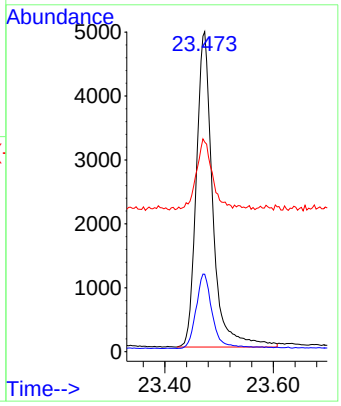




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.473 min Scan# 2517
Delta R.T. -0.014 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:264 Resp: 10363

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	65.5	38.6	58.0#



Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916