Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102720\
Data File : BN012406.D
Acq On : 27 Oct 2020 11:33
Operator : CG/JU
Sample : PB132529BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB132529BL

Quant Time: Oct 27 12:06:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 11:36:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	707	0.40	ng	# 0.00
7) Naphthalene-d8	10.364	136	2730	0.40	ng	# 0.01
13) Acenaphthene-d10	14.230	164	1738	0.40	ng	0.01
19) Phenanthrene-d10	16.980	188	3582	0.40	ng	# 0.01
29) Chrysene-d12	21.184	240	3755	0.40	ng	# 0.01
36) Perylene-d12	23.354	264	4453	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.194	112	890	0.36	ng	0.00
5) Phenol-d6	6.773	99	828	0.28	ng	0.00
8) Nitrobenzene-d5	8.755	82	998	0.33	ng	0.03
11) 2-Methylnaphthalene-d10	11.975	152	1351	0.31	ng	0.02
14) 2,4,6-Tribromophenol	15.753	330	366	0.30	ng	0.03
15) 2-Fluorobiphenyl	12.860	172	2144	0.33	ng	0.01
27) Fluoranthene-d10	19.018	212	3812	0.34	ng	0.00
31) Terphenyl-d14	19.623	244	4144	0.47	ng	0.00
Target Compounds						Qvalue

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

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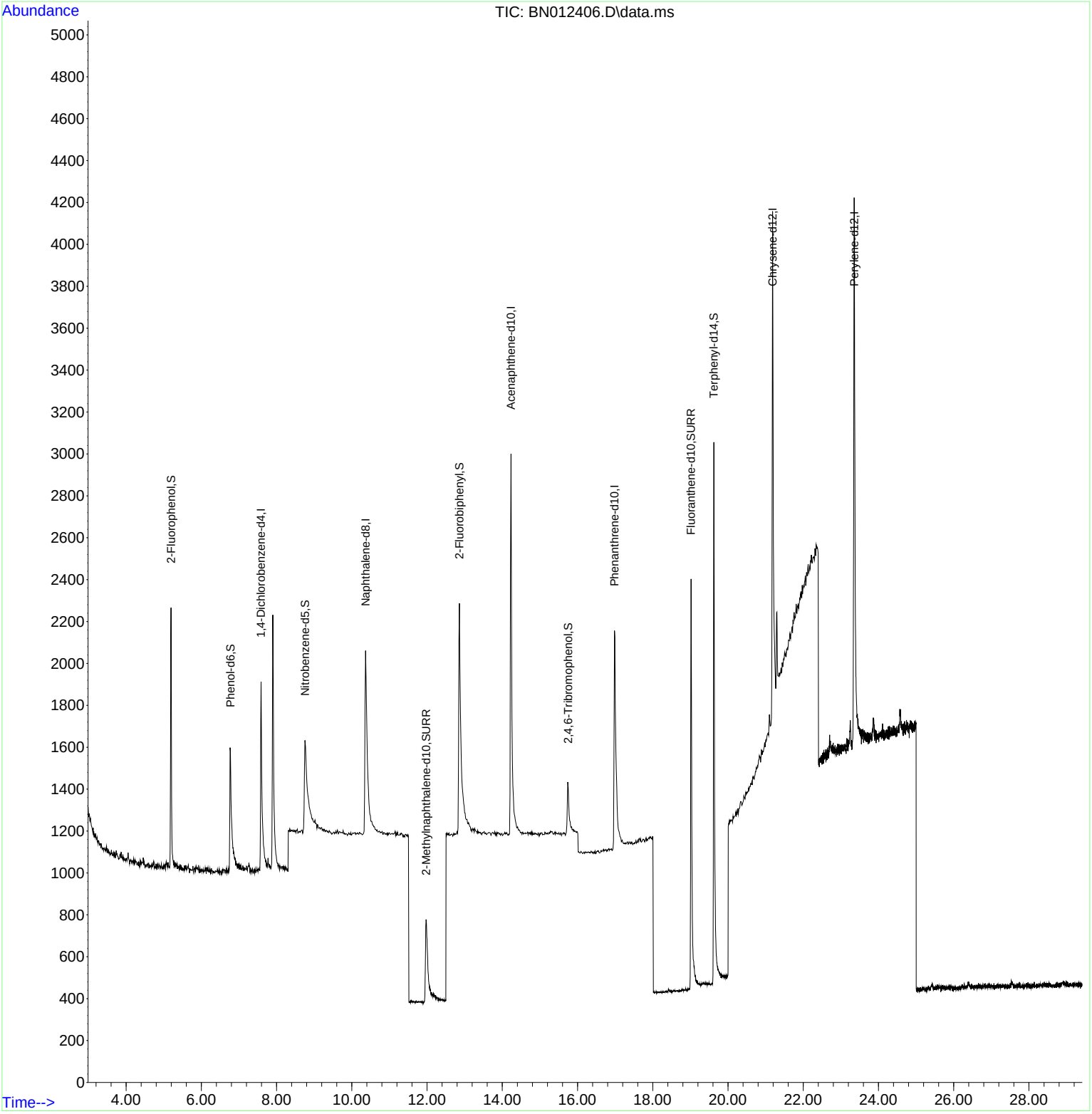
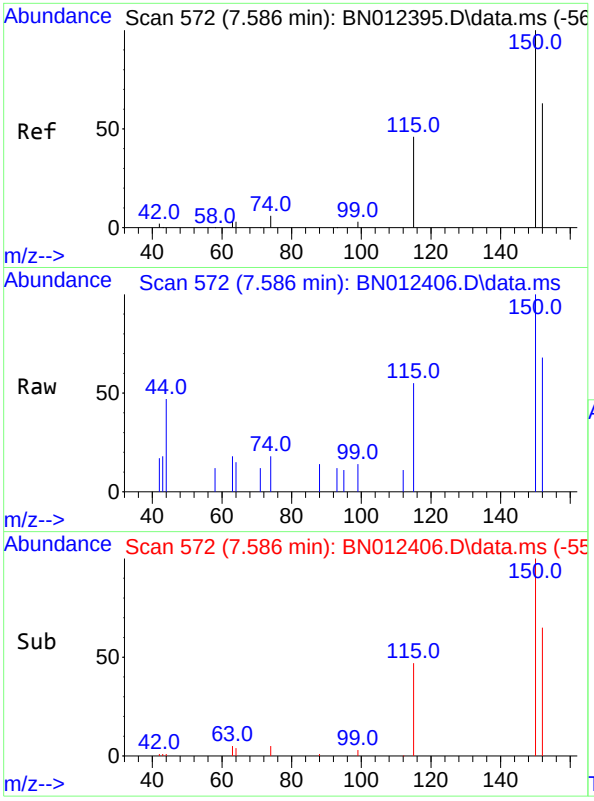


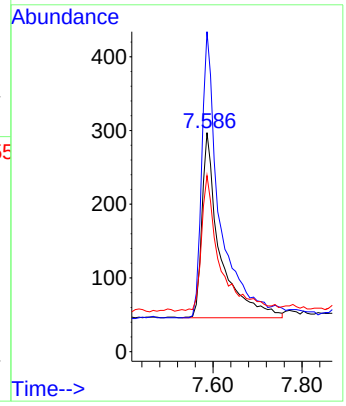
Instrument :
BNA_N
ClientSampleId :
PB132529BL

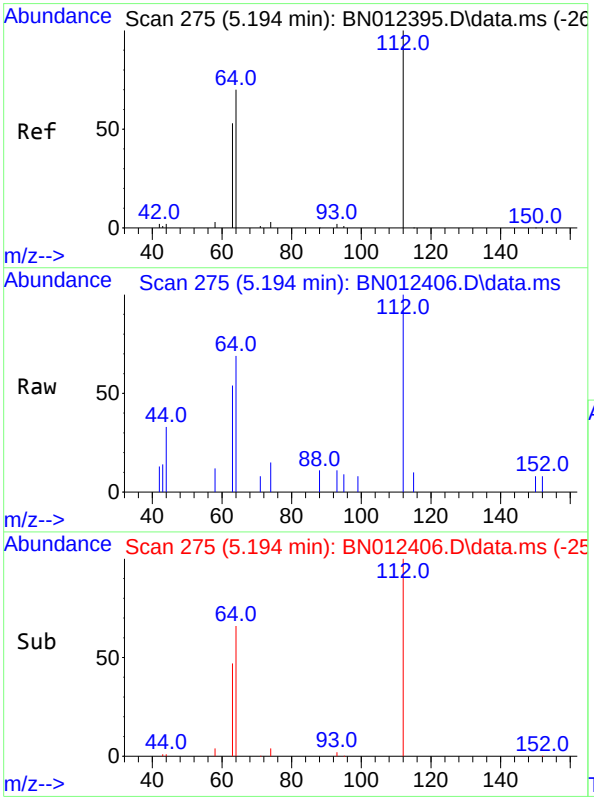


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.586 min Scan# 572
Delta R.T. 0.008 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:152 Resp: 707

Ion	Ratio	Lower	Upper
152	100		
150	146.1	116.6	174.8
115	80.5	52.9	79.3#

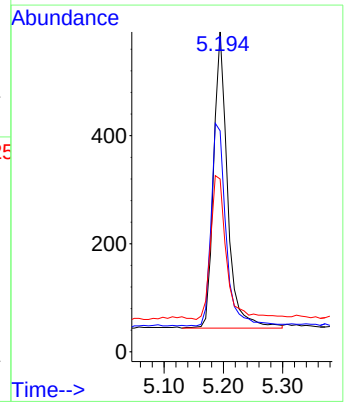


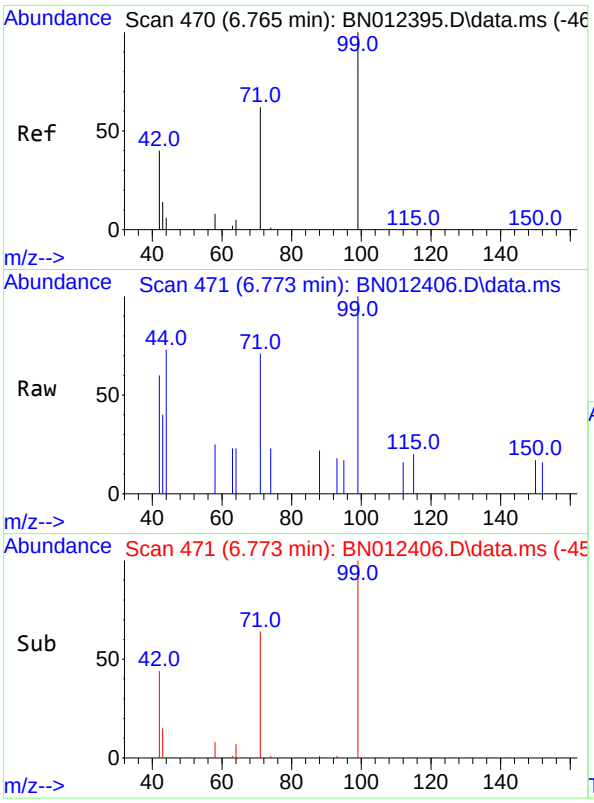


#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.194 min Scan# 275
Delta R.T. 0.000 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:112 Resp: 890

Ion	Ratio	Lower	Upper
112	100		
64	73.1	49.5	74.3
63	56.2	32.0	48.0#

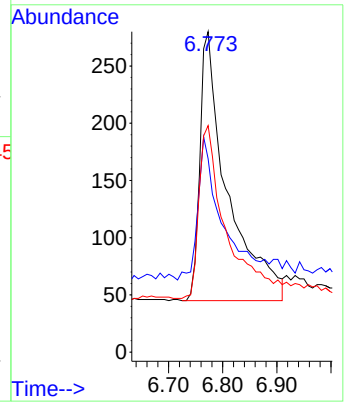




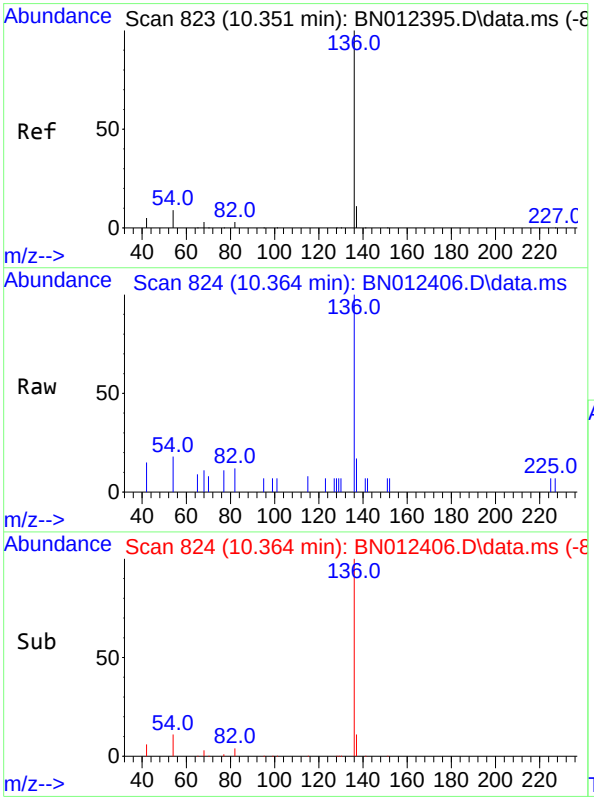
#5
Phenol-d6
Concen: 0.28 ng
RT: 6.773 min Scan# 471
Delta R.T. 0.008 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion: 99 Resp: 828

Ion	Ratio	Lower	Upper
99	100		
42	46.3	22.4	33.6#
71	67.0	37.8	56.6#



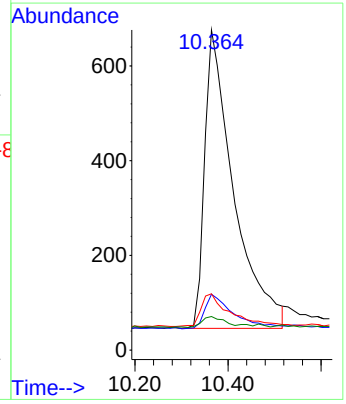
Instrument :
BNA_N
ClientSampleId :
PB132529BL



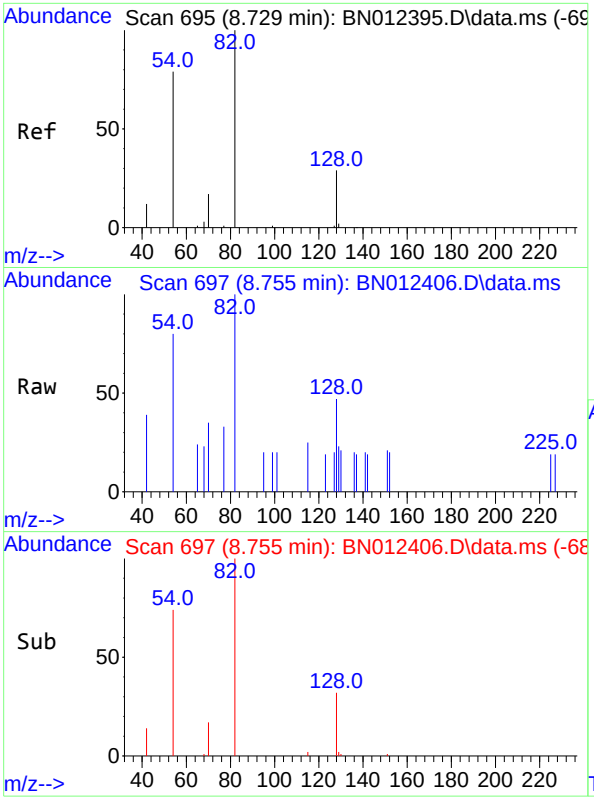
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.364 min Scan# 824
Delta R.T. 0.013 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:136 Resp: 2730

Ion	Ratio	Lower	Upper
136	100		
137	17.5	10.6	15.8#
54	17.6	8.6	12.8#
68	10.5	5.7	8.5#



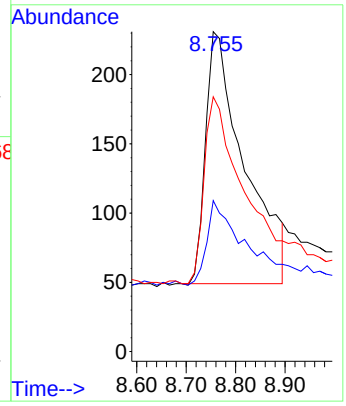
Instrument :
BNA_N
ClientSampleId :
PB132529BL

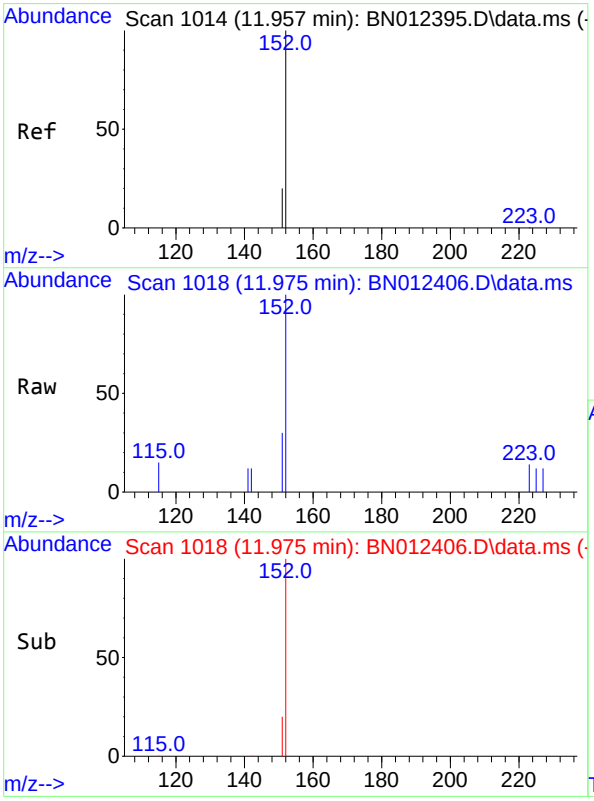


#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.755 min Scan# 697
Delta R.T. 0.025 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion: 82 Resp: 998

Ion	Ratio	Lower	Upper
82	100		
128	47.2	30.6	46.0#
54	79.7	48.3	72.5#

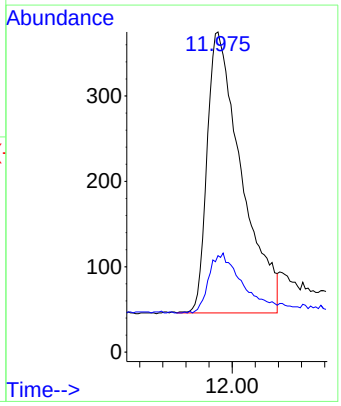




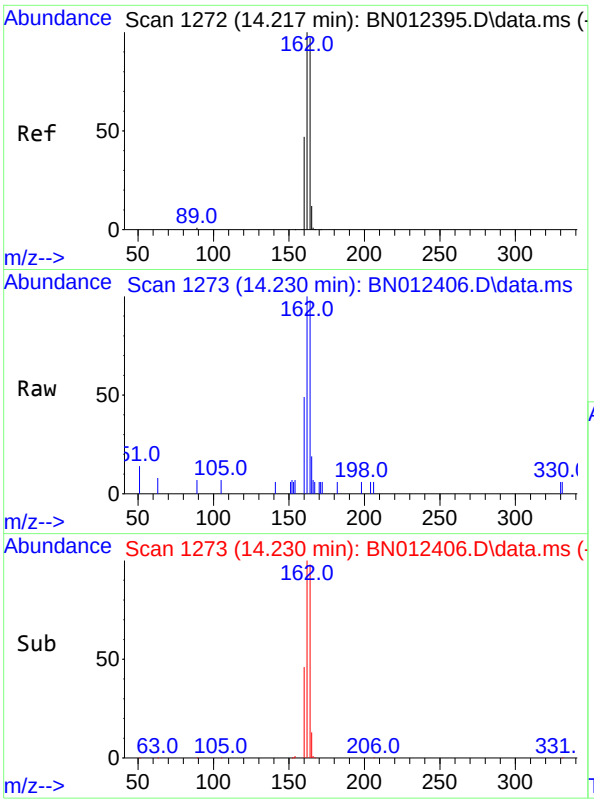
#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 11.975 min Scan# 1018
Delta R.T. 0.022 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:152 Resp: 1351

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1



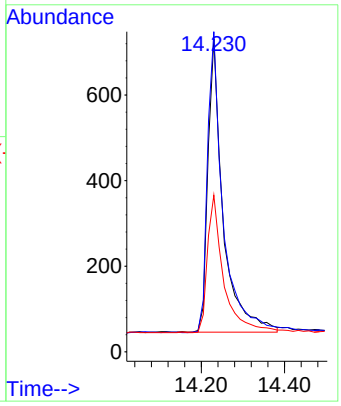
Instrument :
BNA_N
ClientSampleId :
PB132529BL

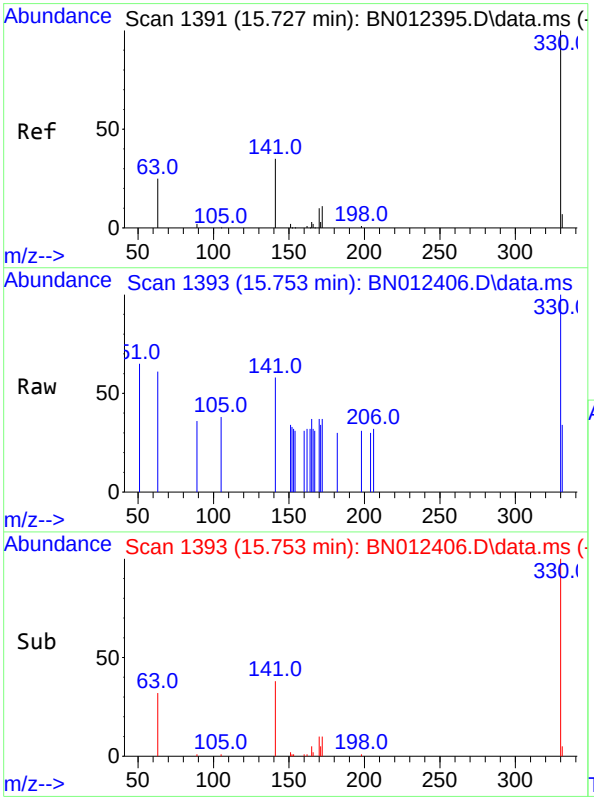


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.230 min Scan# 1273
Delta R.T. 0.013 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:164 Resp: 1738

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	50.1	39.5	59.3

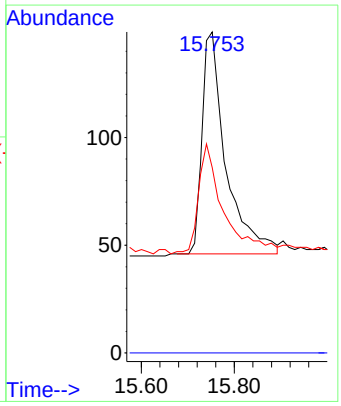




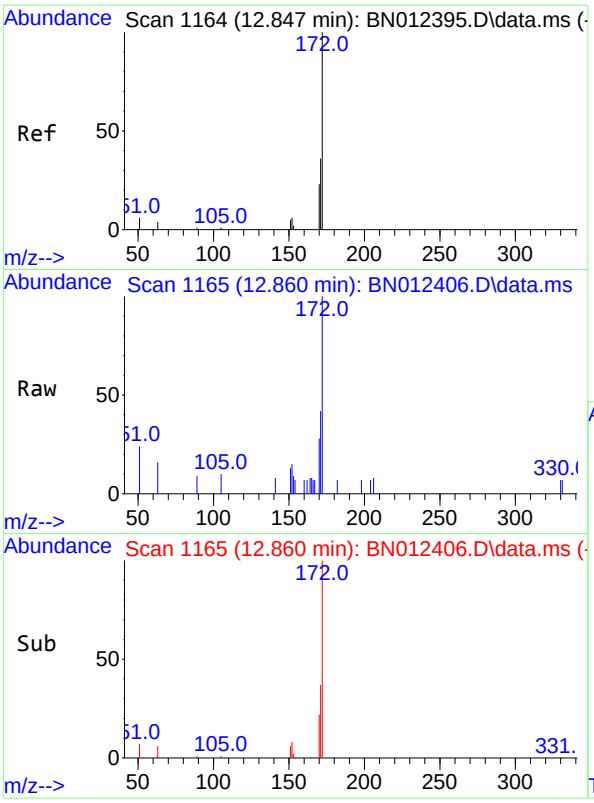
#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.753 min Scan# 1393
Delta R.T. 0.025 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:330 Resp: 366

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	52.2	34.4	51.6#



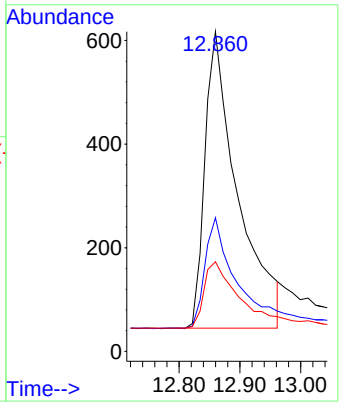
Instrument :
BNA_N
ClientSampleId :
PB132529BL

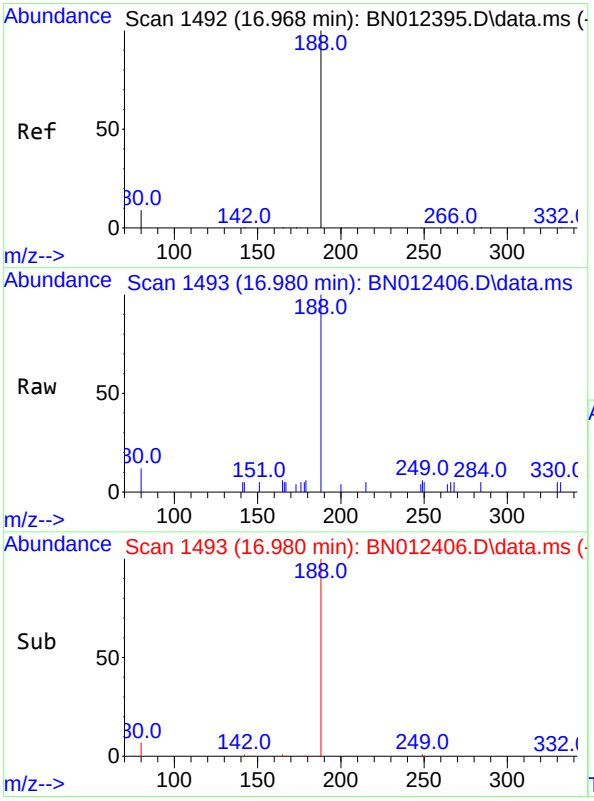


#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.860 min Scan# 1165
Delta R.T. 0.013 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:172 Resp: 2144

Ion	Ratio	Lower	Upper
172	100		
171	41.8	28.2	42.4
170	28.0	20.0	30.0

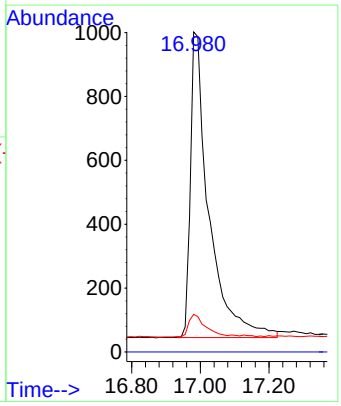




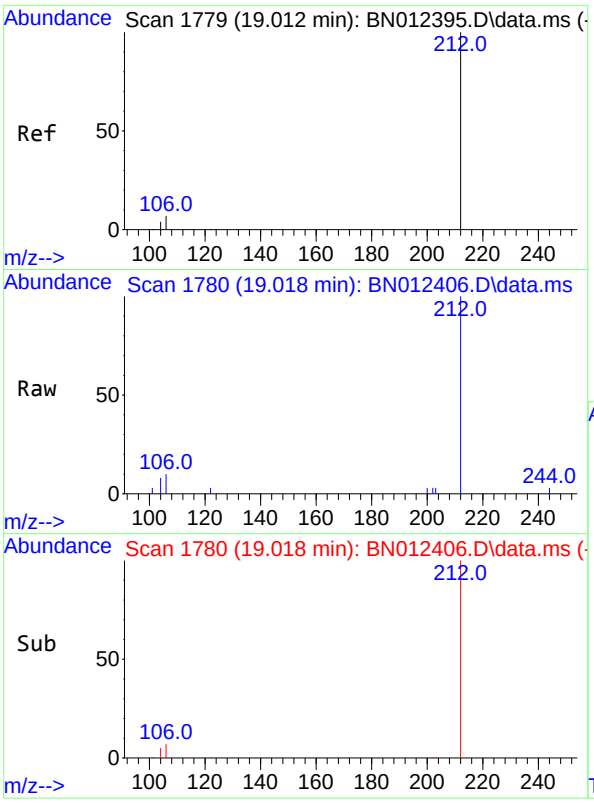
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.980 min Scan# 1493
Delta R.T. 0.012 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:188 Resp: 3582

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	5.0	7.4#



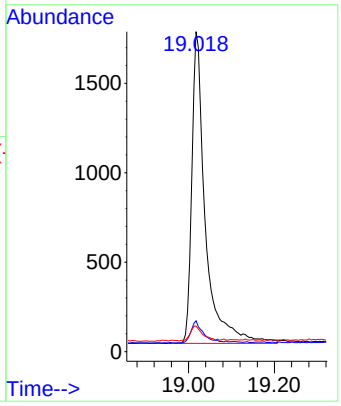
Instrument :
BNA_N
ClientSampleId :
PB132529BL

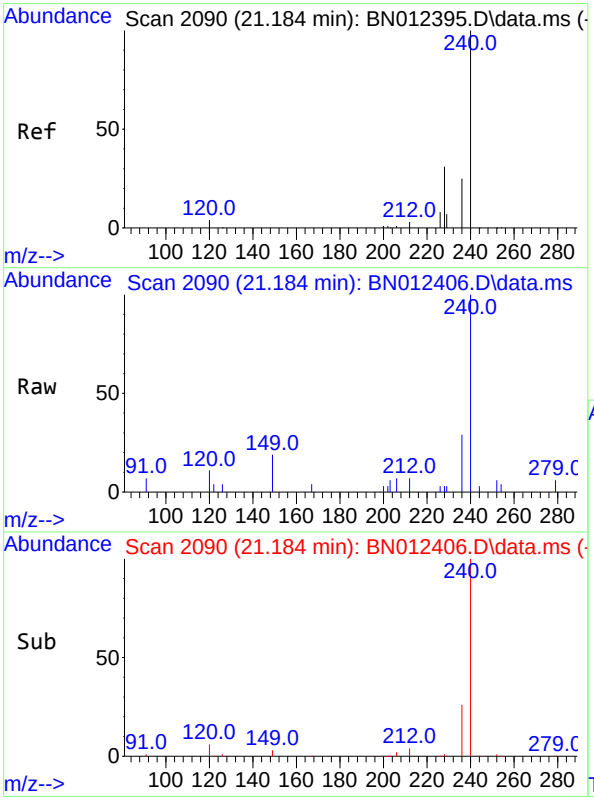


#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.018 min Scan# 1780
Delta R.T. 0.005 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:212 Resp: 3812

Ion	Ratio	Lower	Upper
212	100		
106	6.5	6.8	10.2#
104	4.4	4.1	6.1

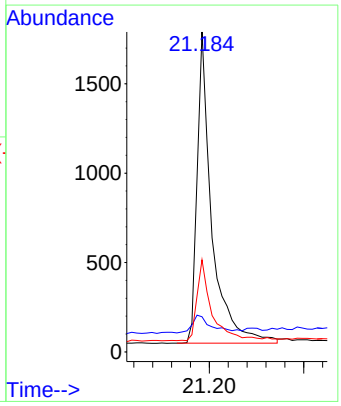




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.011 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:240 Resp: 3755

Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.3	7.9#
236	28.8	21.8	32.8



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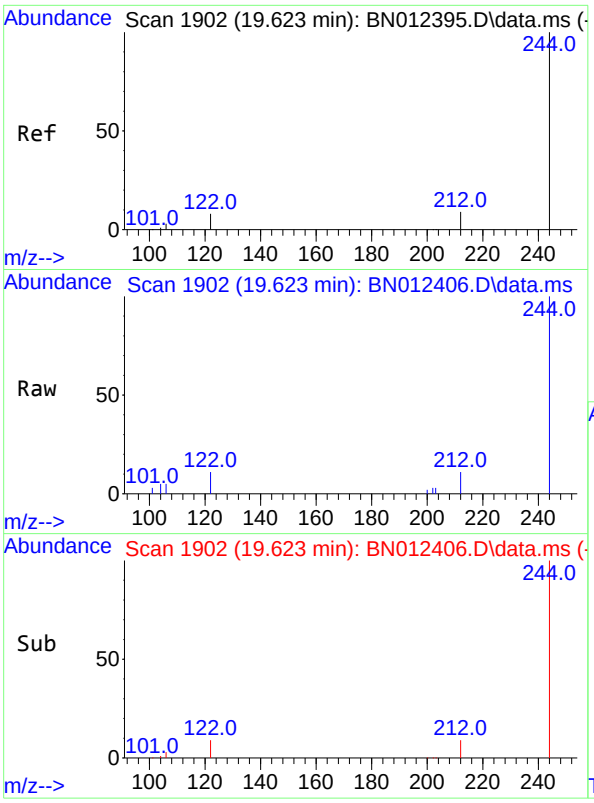
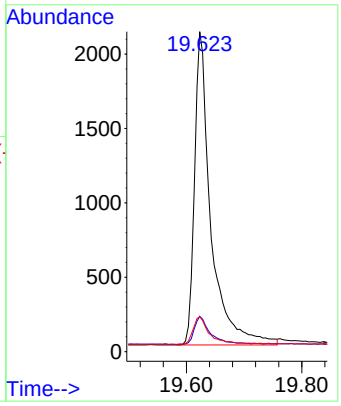
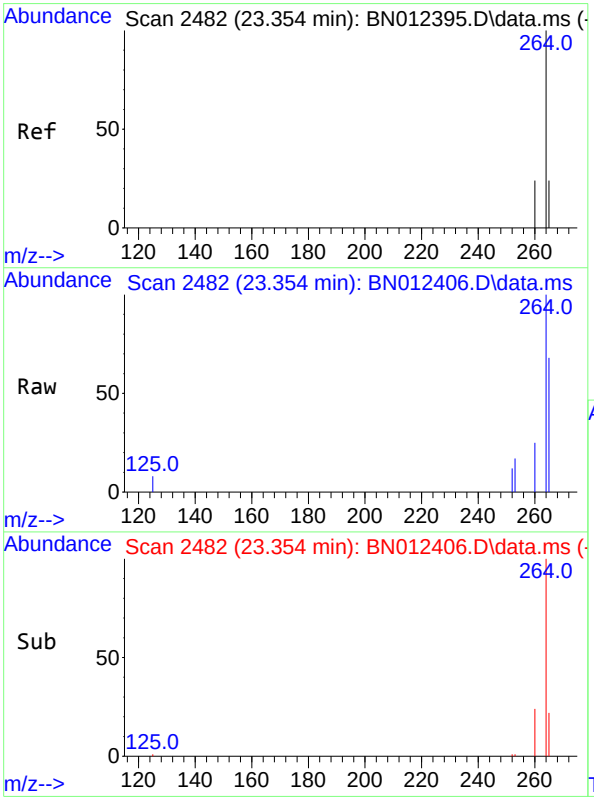


#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.623 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:244 Resp: 4144

Ion	Ratio	Lower	Upper
244	100		
212	11.0	7.3	10.9#
122	10.9	7.3	10.9





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.354 min Scan# 2482
Delta R.T. 0.003 min
Lab File: BN012406.D
Acq: 27 Oct 2020 11:33

Tgt Ion:264 Resp: 4453

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.6
265	68.4	51.4	77.0