Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012434.D
Acq On : 29 Oct 2020 12:43
Operator : CG/JU
Sample : PB132672BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB132672BL

Quant Time: Oct 29 13:31:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	529	0.40	ng	# 0.00
7) Naphthalene-d8	10.364	136	1960	0.40	ng	# 0.01
13) Acenaphthene-d10	14.230	164	1197	0.40	ng	0.01
19) Phenanthrene-d10	16.980	188	2499	0.40	ng	# 0.01
29) Chrysene-d12	21.184	240	2634	0.40	ng	# 0.01
36) Perylene-d12	23.360	264	3120	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.194	112	635	0.34	ng	0.00
5) Phenol-d6	6.773	99	545	0.25	ng	0.00
8) Nitrobenzene-d5	8.755	82	631	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	11.984	152	962	0.31	ng	0.03
14) 2,4,6-Tribromophenol	15.752	330	248	0.29	ng	0.03
15) 2-Fluorobiphenyl	12.860	172	1390	0.31	ng	0.01
27) Fluoranthene-d10	19.022	212	2681	0.35	ng	0.00
31) Terphenyl-d14	19.623	244	2896	0.47	ng	0.00
Target Compounds						Qvalue

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

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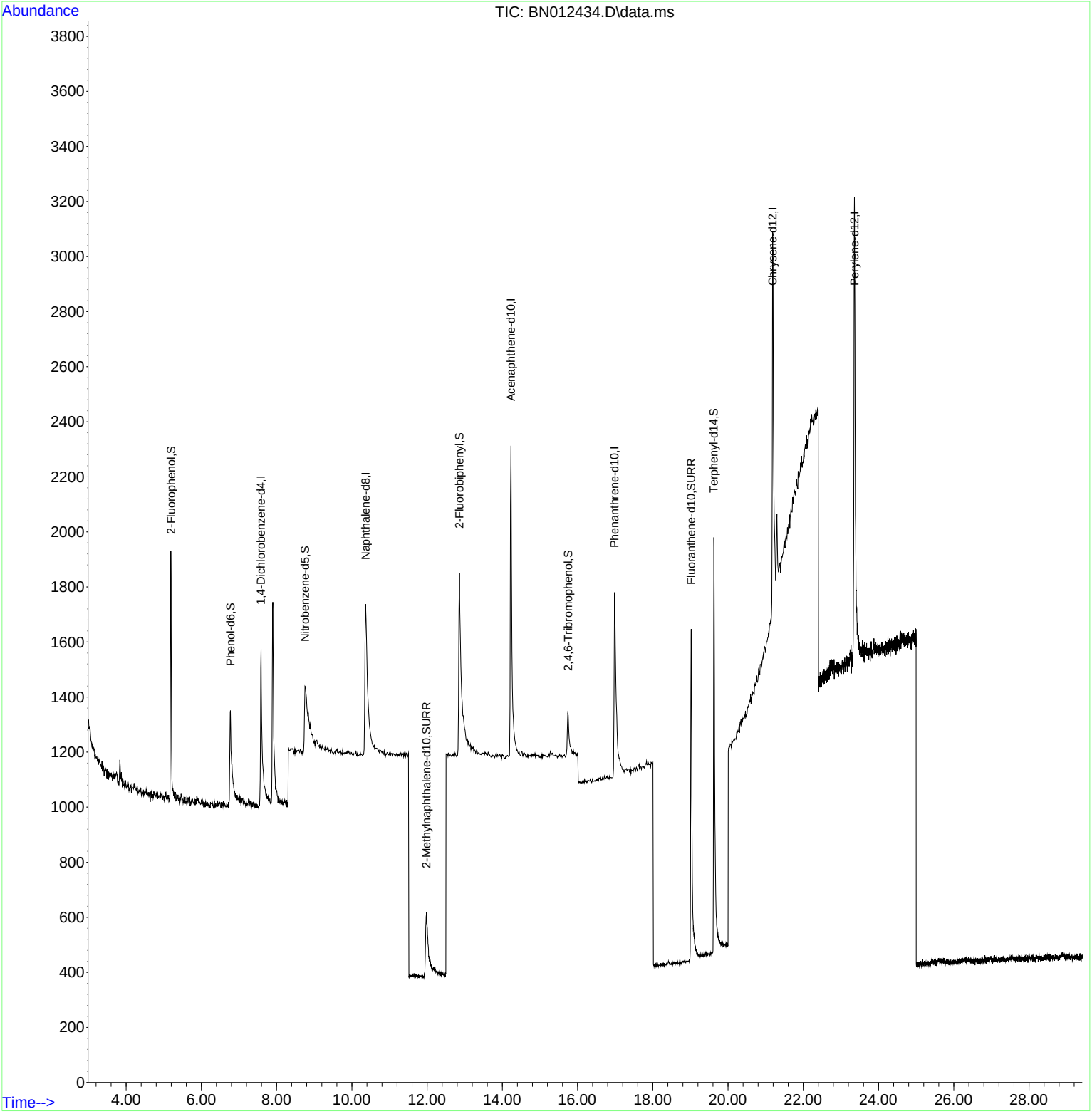
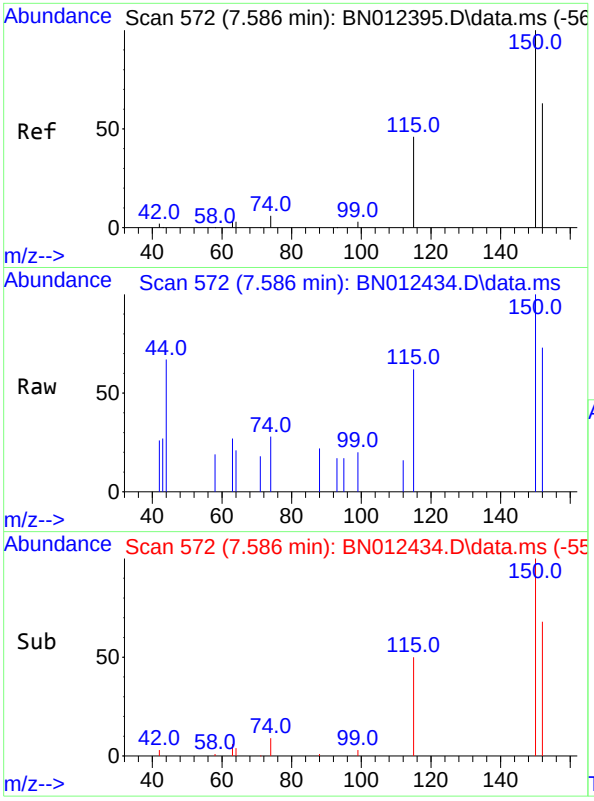


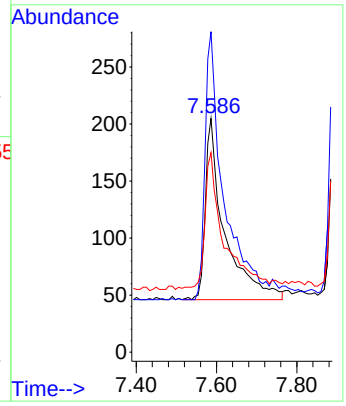
Instrument :
BNA_N
ClientSampleId :
PB132672BL

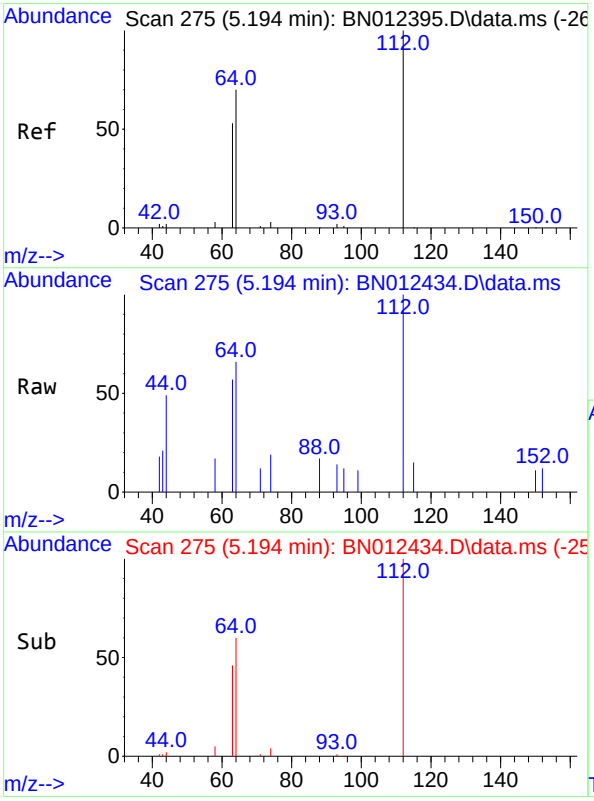


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.586 min Scan# 572
Delta R.T. 0.008 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:152 Resp: 529

Ion	Ratio	Lower	Upper
152	100		
150	137.1	116.6	174.8
115	85.4	52.9	79.3#

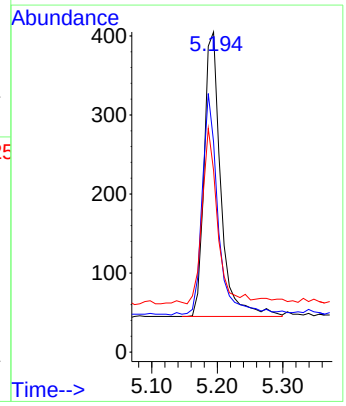




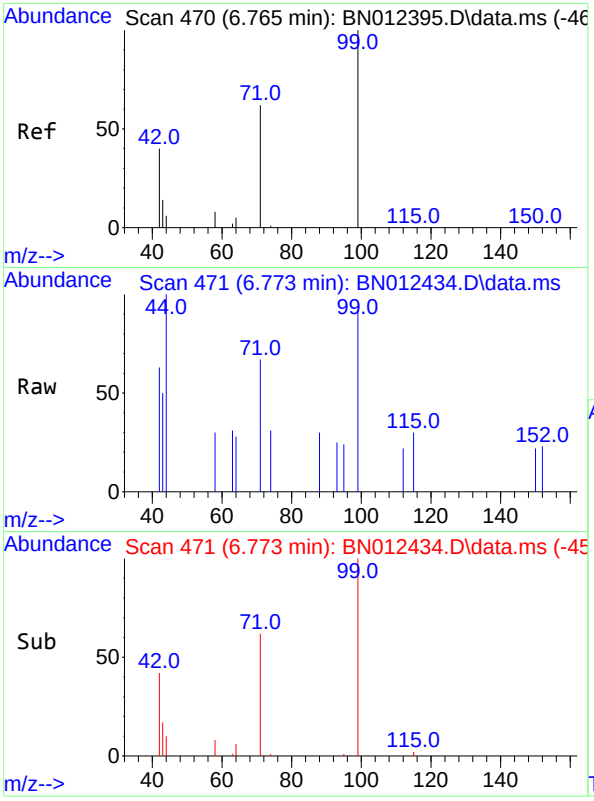
#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.194 min Scan# 275
Delta R.T. -0.000 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:112 Resp: 635

Ion	Ratio	Lower	Upper
112	100		
64	75.6	49.5	74.3#
63	57.5	32.0	48.0#



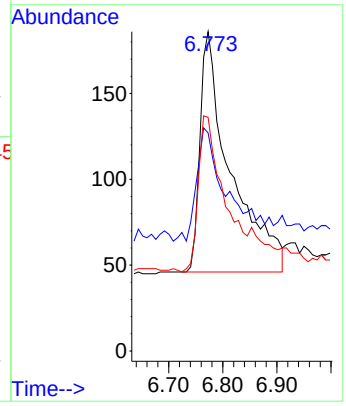
Instrument :
BNA_N
ClientSampleId :
PB132672BL

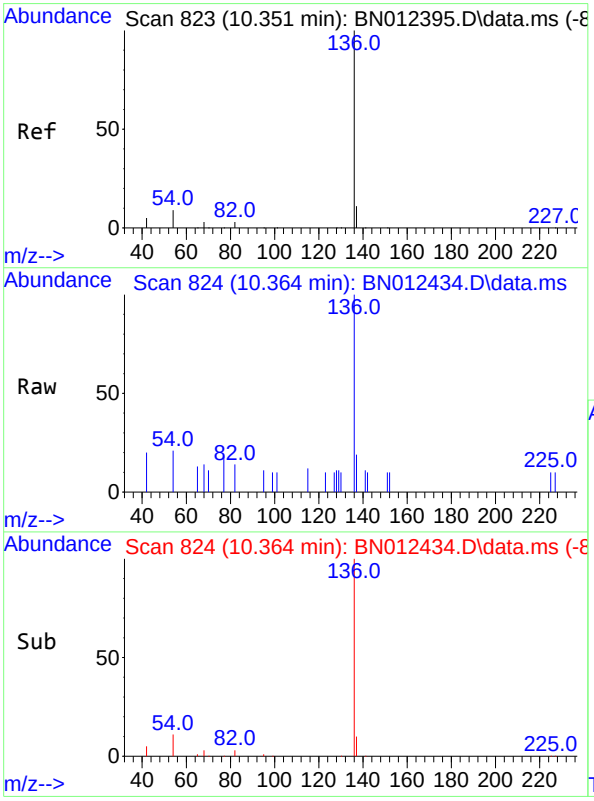


#5
Phenol-d6
Concen: 0.25 ng
RT: 6.773 min Scan# 471
Delta R.T. 0.008 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion: 99 Resp: 545

Ion	Ratio	Lower	Upper
99	100		
42	48.8	22.4	33.6#
71	55.6	37.8	56.6

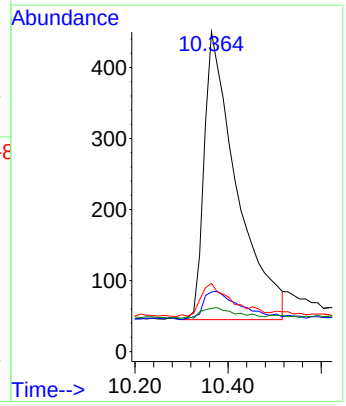




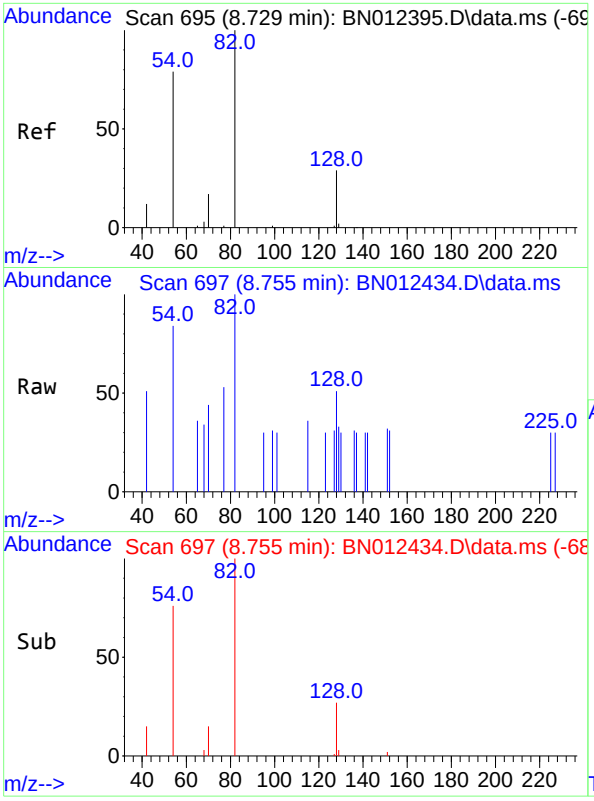
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.364 min Scan# 824
Delta R.T. 0.013 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:136 Resp: 1960

Ion	Ratio	Lower	Upper
136	100		
137	18.7	10.6	15.8#
54	21.3	8.6	12.8#
68	13.6	5.7	8.5#



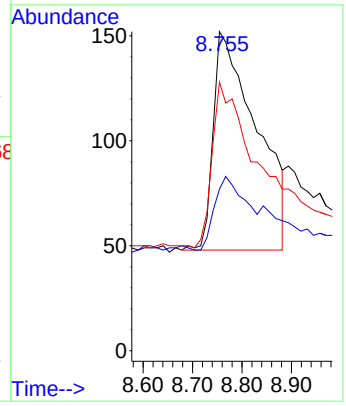
Instrument :
BNA_N
ClientSampleId :
PB132672BL

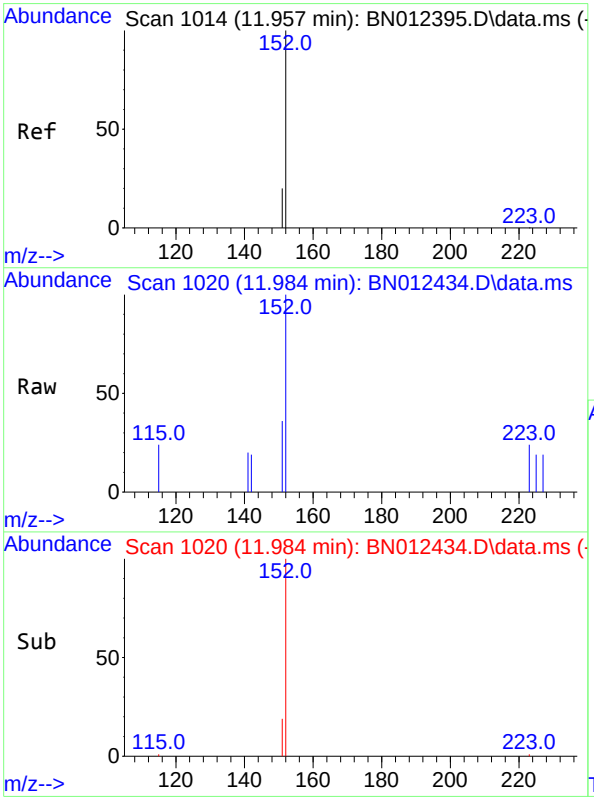


#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.755 min Scan# 697
Delta R.T. 0.025 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion: 82 Resp: 631

Ion	Ratio	Lower	Upper
82	100		
128	50.7	30.6	46.0#
54	84.2	48.3	72.5#

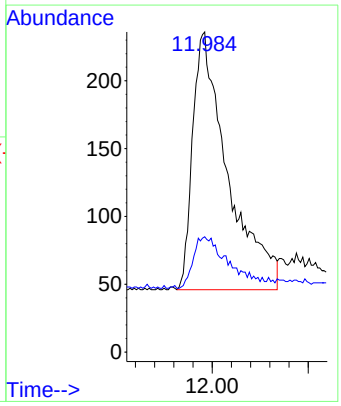




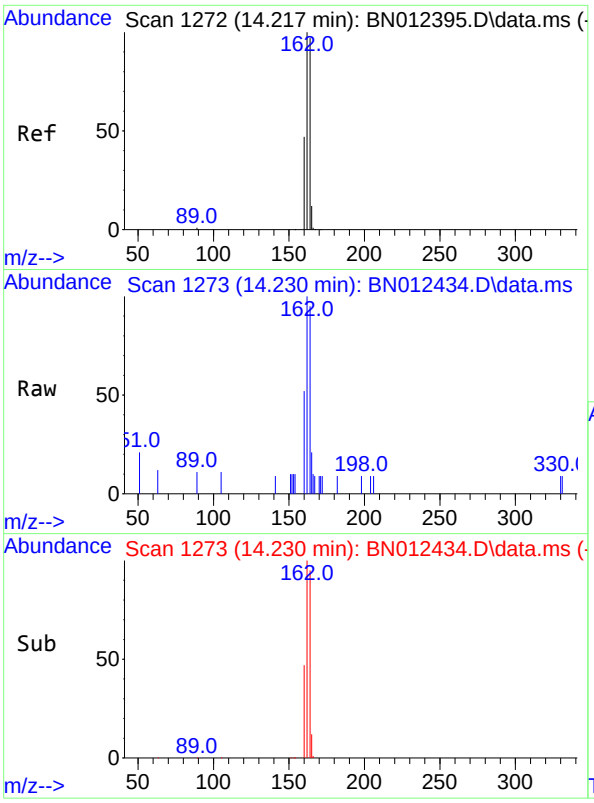
#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 11.984 min Scan# 1020
Delta R.T. 0.031 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:152 Resp: 962

Ion	Ratio	Lower	Upper
152	100		
151	17.5	16.7	25.1



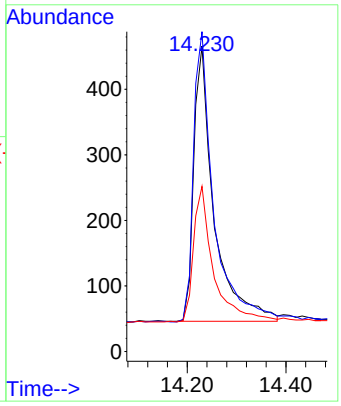
Instrument :
BNA_N
ClientSampleId :
PB132672BL

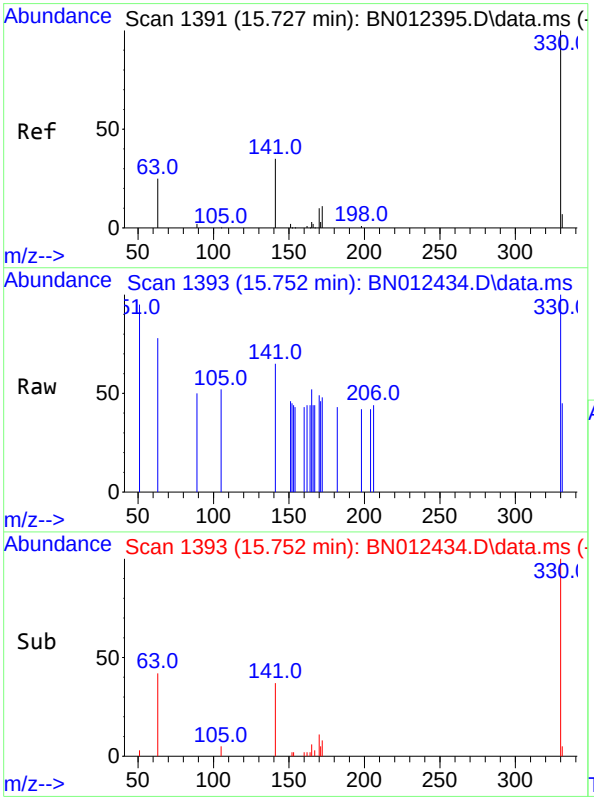


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.230 min Scan# 1273
Delta R.T. 0.013 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:164 Resp: 1197

Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.6	120.8
160	54.1	39.5	59.3

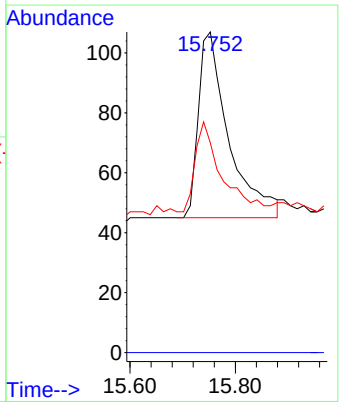




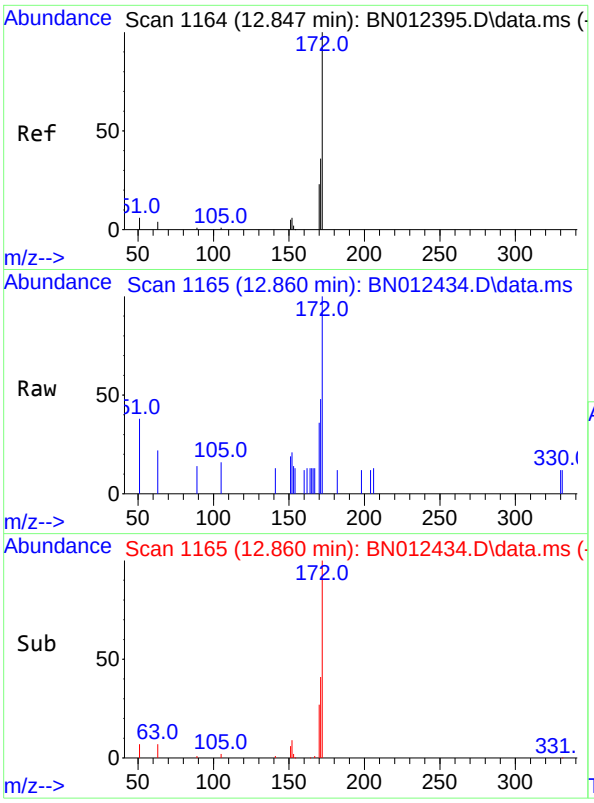
#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.752 min Scan# 1393
Delta R.T. 0.025 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:330 Resp: 248

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.9	34.4	51.6



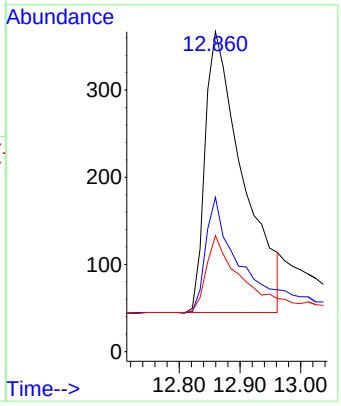
Instrument :
BNA_N
ClientSampleId :
PB132672BL

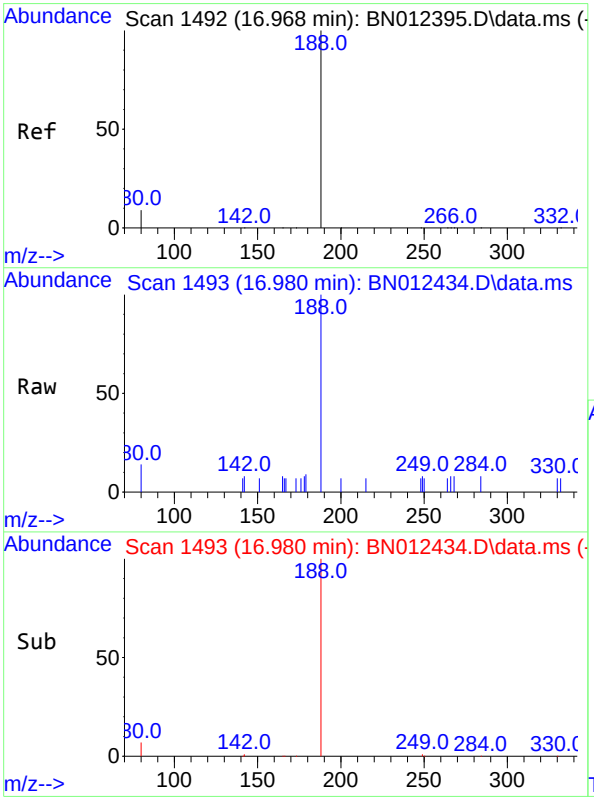


#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.860 min Scan# 1165
Delta R.T. 0.013 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:172 Resp: 1390

Ion	Ratio	Lower	Upper
172	100		
171	48.2	28.2	42.4#
170	36.2	20.0	30.0#

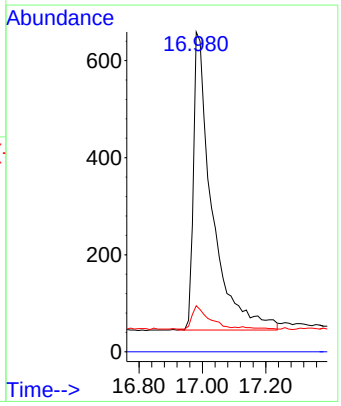




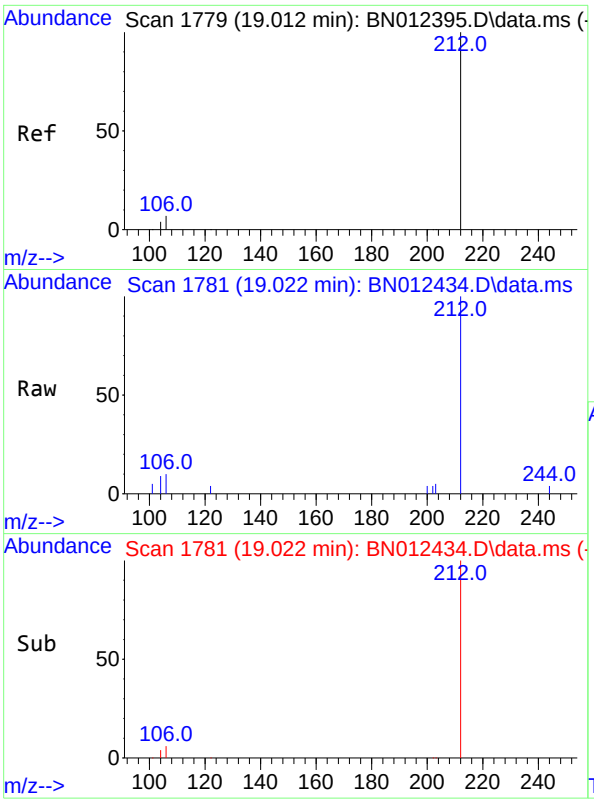
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.980 min Scan# 1493
Delta R.T. 0.012 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:188 Resp: 2499

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	5.0	7.4#



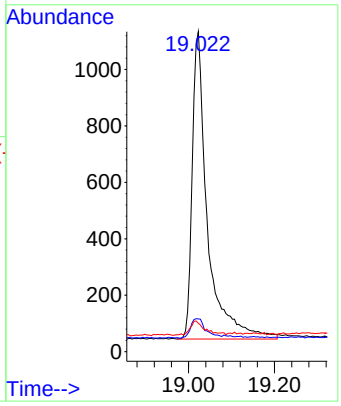
Instrument :
BNA_N
ClientSampleId :
PB132672BL

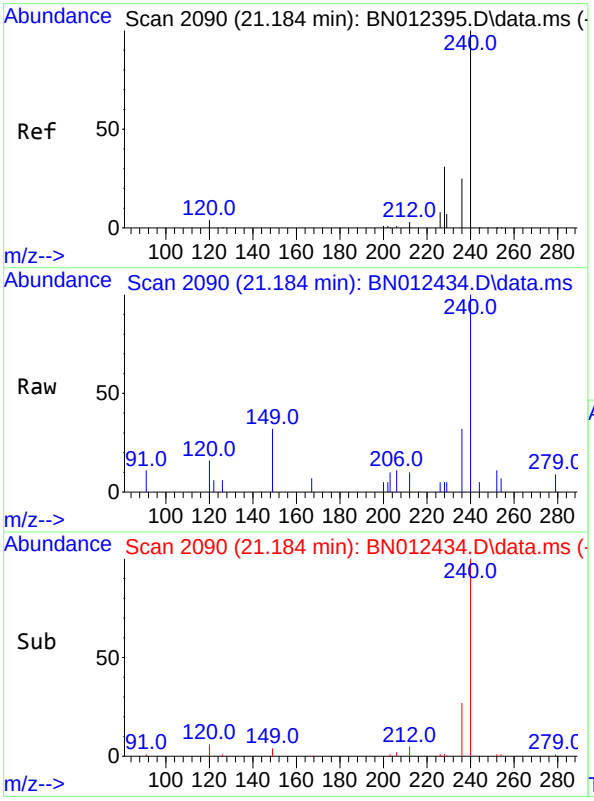


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.022 min Scan# 1781
Delta R.T. 0.010 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:212 Resp: 2681

Ion	Ratio	Lower	Upper
212	100		
106	6.3	6.8	10.2#
104	4.7	4.1	6.1

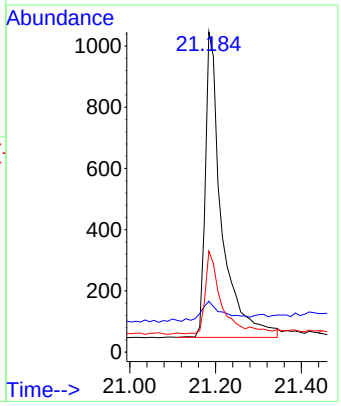




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.011 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:240 Resp: 2634

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.3	7.9#
236	31.5	21.8	32.8



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BNA_N
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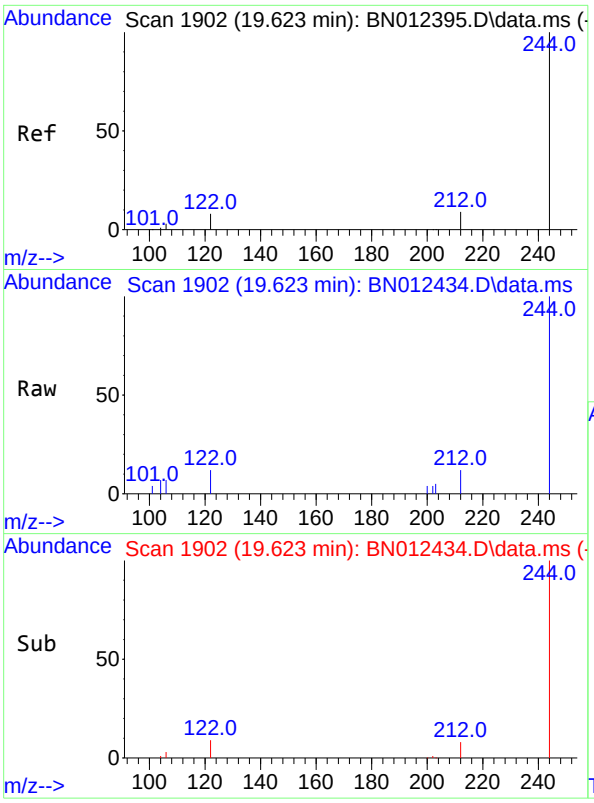
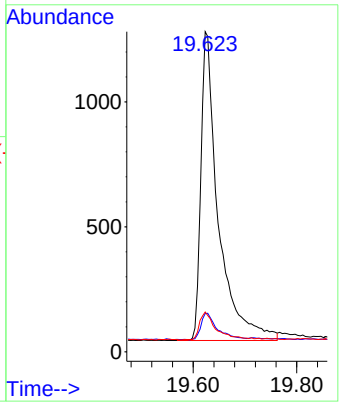
PB132672BL

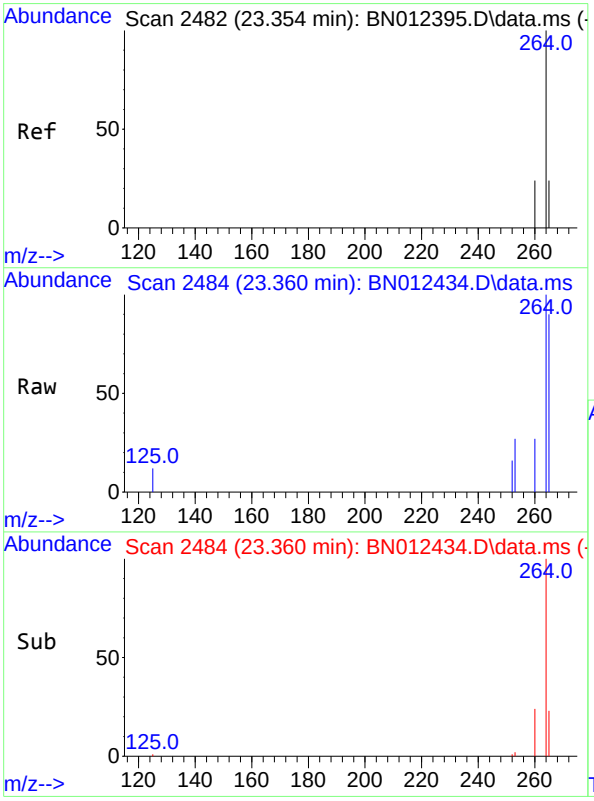


#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.623 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:244 Resp: 2896

Ion	Ratio	Lower	Upper
244	100		
212	11.9	7.3	10.9#
122	12.4	7.3	10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.360 min Scan# 2484
Delta R.T. 0.007 min
Lab File: BN012434.D
Acq: 29 Oct 2020 12:43

Tgt Ion:264 Resp: 3120

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.8	29.6
265	90.3	51.4	77.0#