Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
Data File : BN014157.D
Acq On : 01 Apr 2021 01:28
Operator : CG/JU
Sample : PB135437BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB135437BL

Quant Time: Apr 01 02:36:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6653	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24537	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	12128	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	23111	0.40	ng	0.00
29) Chrysene-d12	21.247	240	20145	0.40	ng	0.00
36) Perylene-d12	23.466	264	20223	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	5241	0.31	ng	0.00
5) Phenol-d6	6.863	99	5876	0.27	ng	0.00
8) Nitrobenzene-d5	8.832	82	4997	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	12261	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	875	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	15055	0.33	ng	0.00
27) Fluoranthene-d10	19.096	212	19011	0.31	ng	0.00
31) Terphenyl-d14	19.697	244	16004	0.34	ng	0.00
Target Compounds						Qvalue

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

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Quant Time: Apr 01 02:36:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
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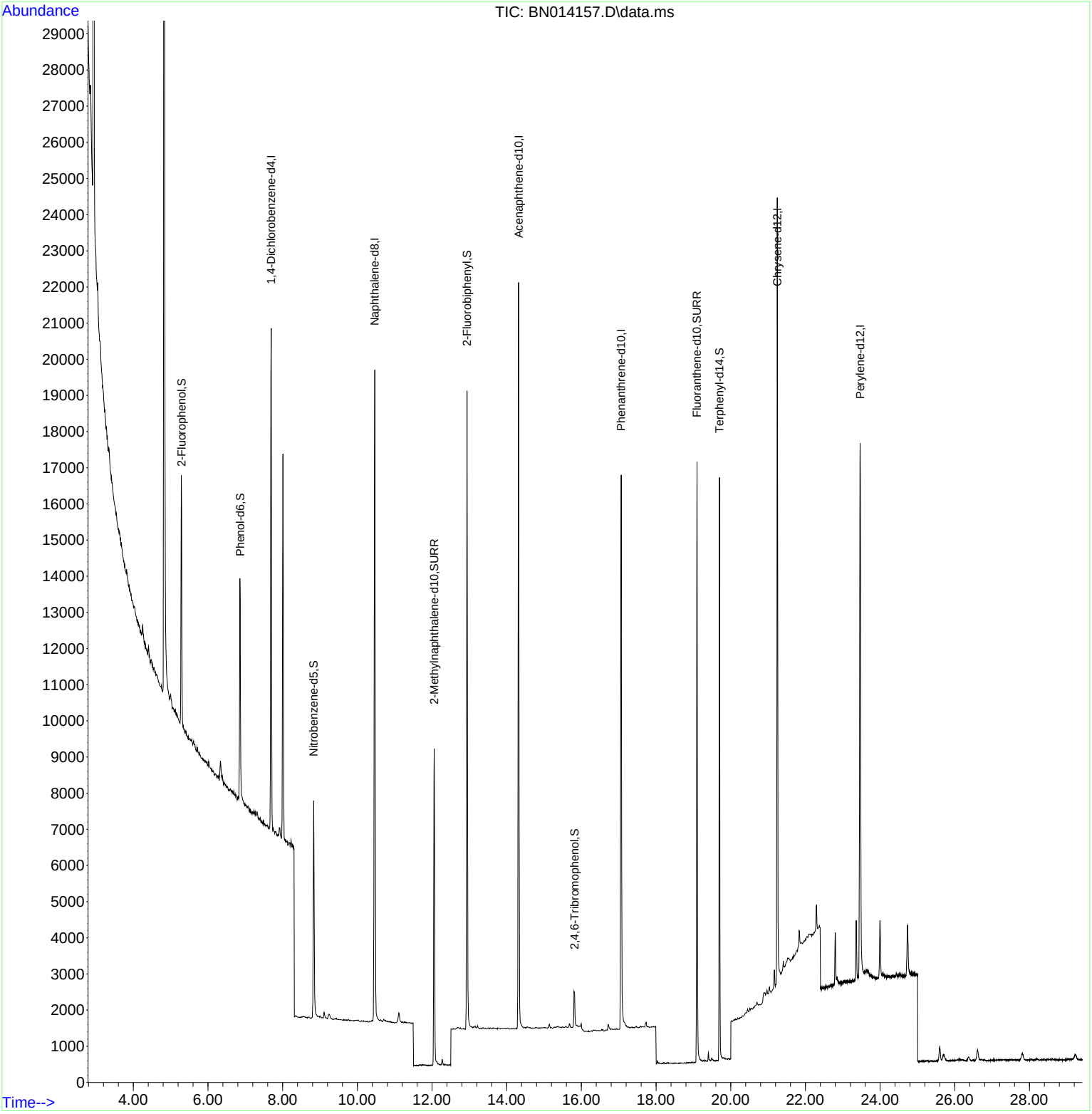
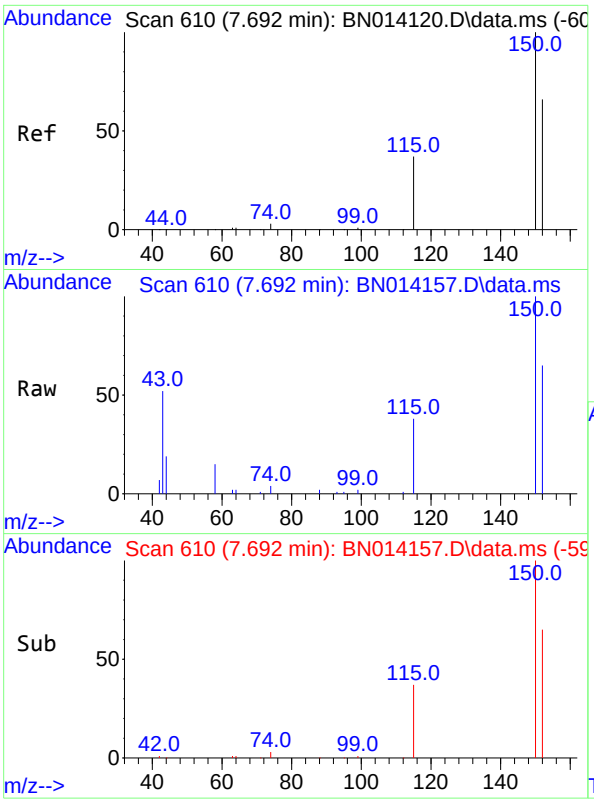
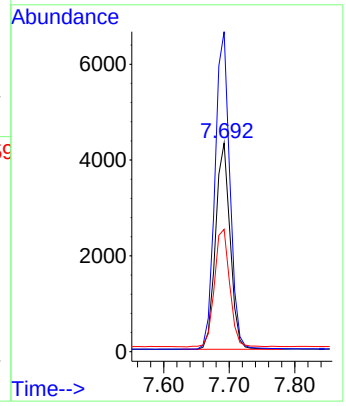




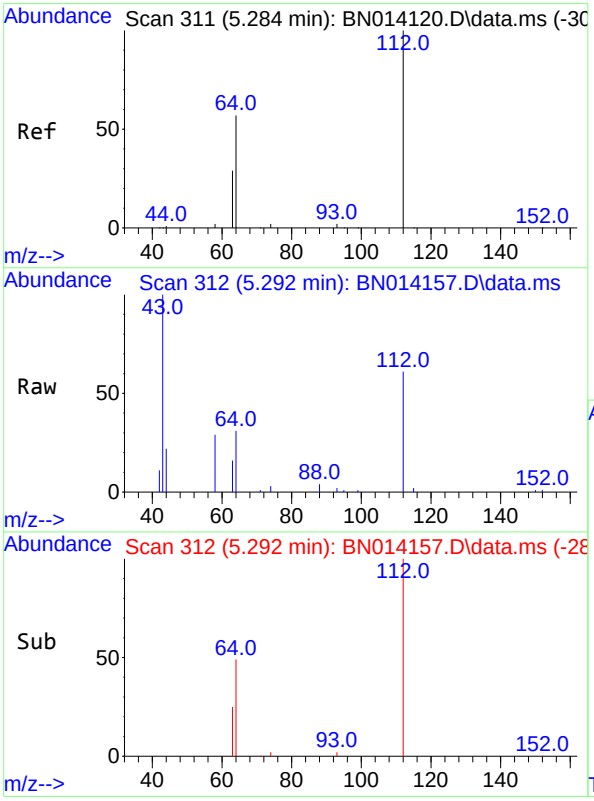
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.008 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:152 Resp: 6653

Ion	Ratio	Lower	Upper
152	100		
150	153.4	121.2	181.8
115	58.7	46.2	69.2



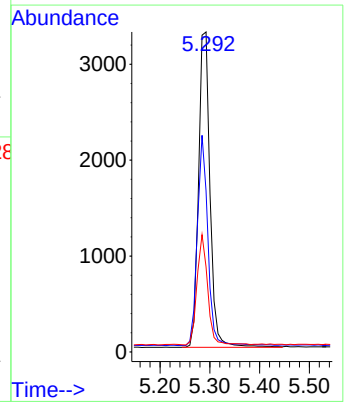
Instrument :
BNA_N
ClientSampleId :
PB135437BL



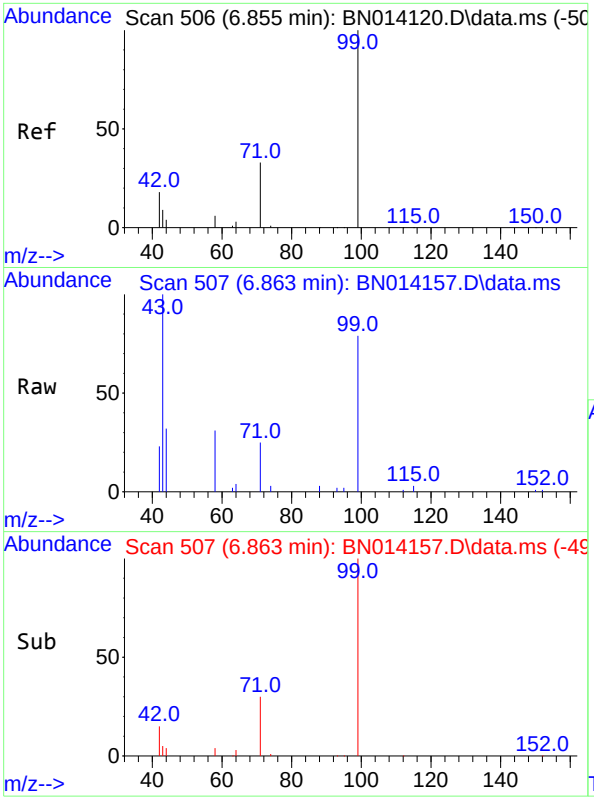
#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.008 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:112 Resp: 5241

Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.3	72.5
63	32.0	25.4	38.0



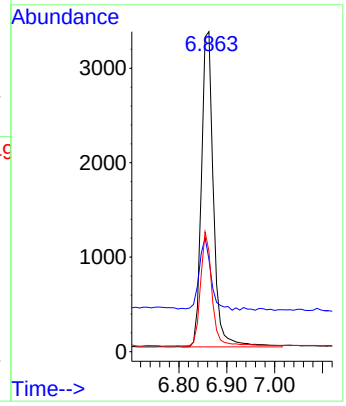
Instrument :
BNA_N
ClientSampleId :
PB135437BL

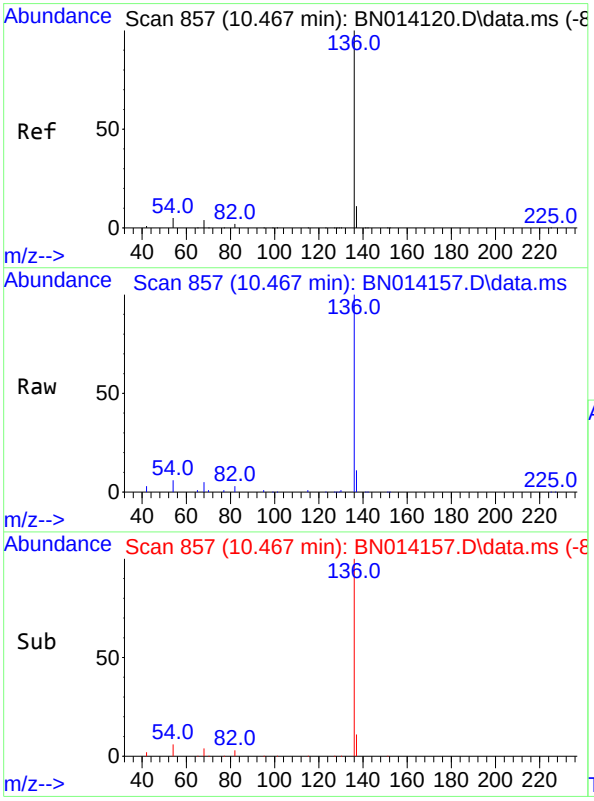


#5
Phenol-d6
Concen: 0.27 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.008 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion: 99 Resp: 5876

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.2	27.4
71	34.3	26.7	40.1

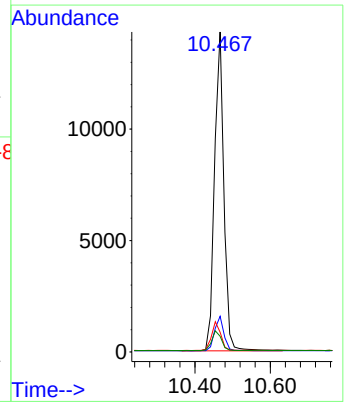




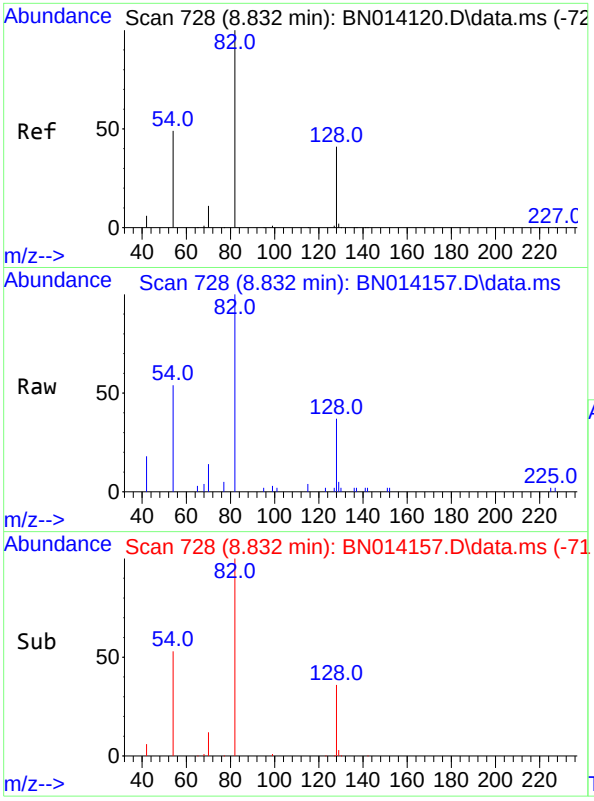
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:136 Resp: 24537

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.1	4.3	6.5
68	4.9	3.4	5.2



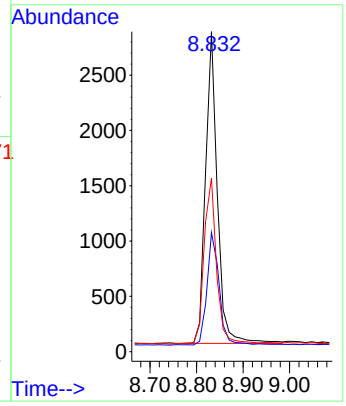
Instrument :
BNA_N
ClientSampleId :
PB135437BL

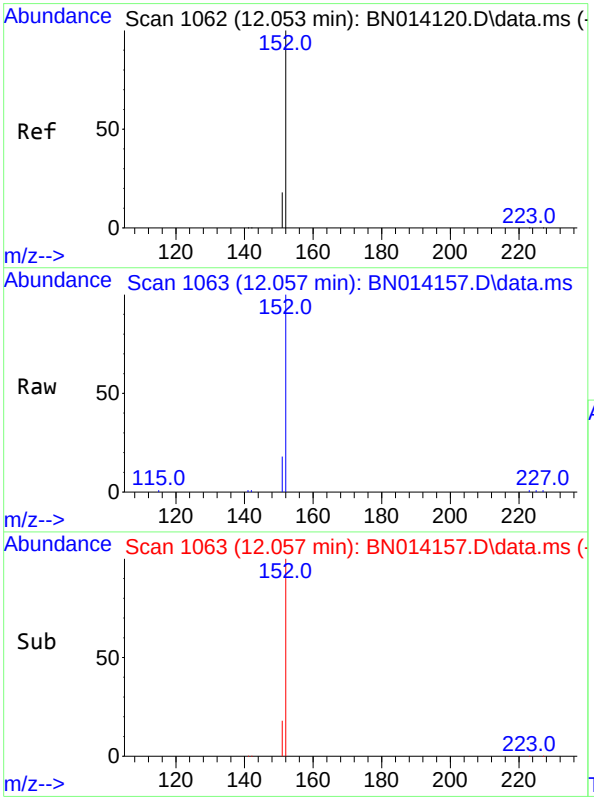


#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion: 82 Resp: 4997

Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.5	50.3
54	54.2	40.3	60.5

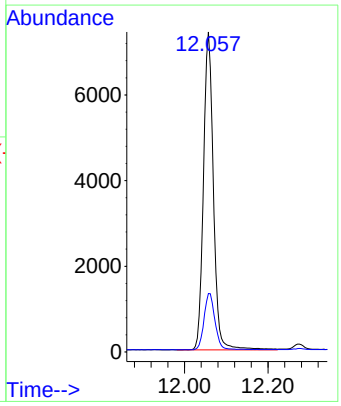




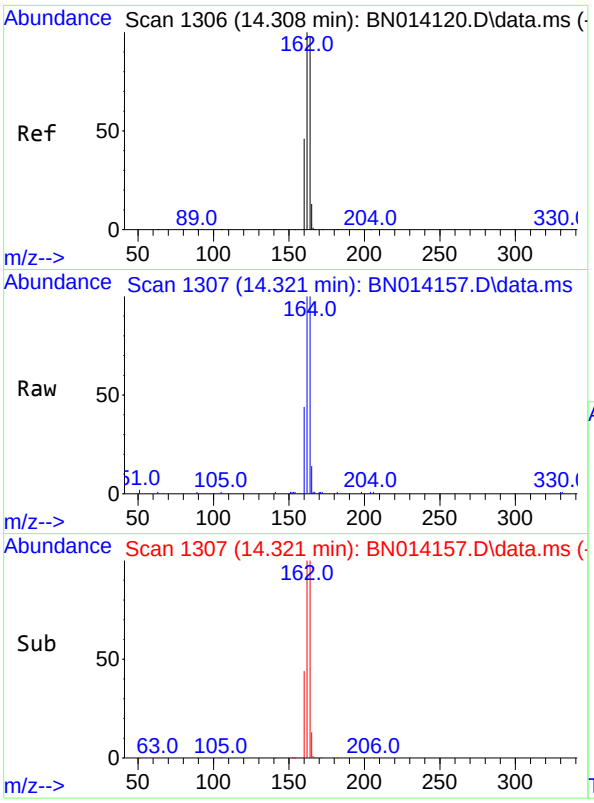
#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:152 Resp: 12261

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1



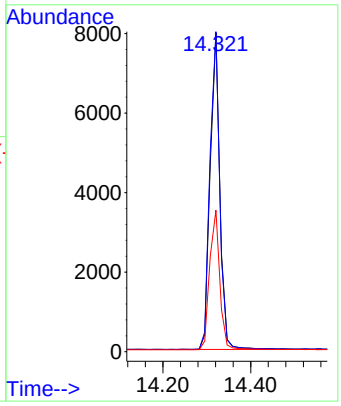
Instrument :
BNA_N
ClientSampleId :
PB135437BL

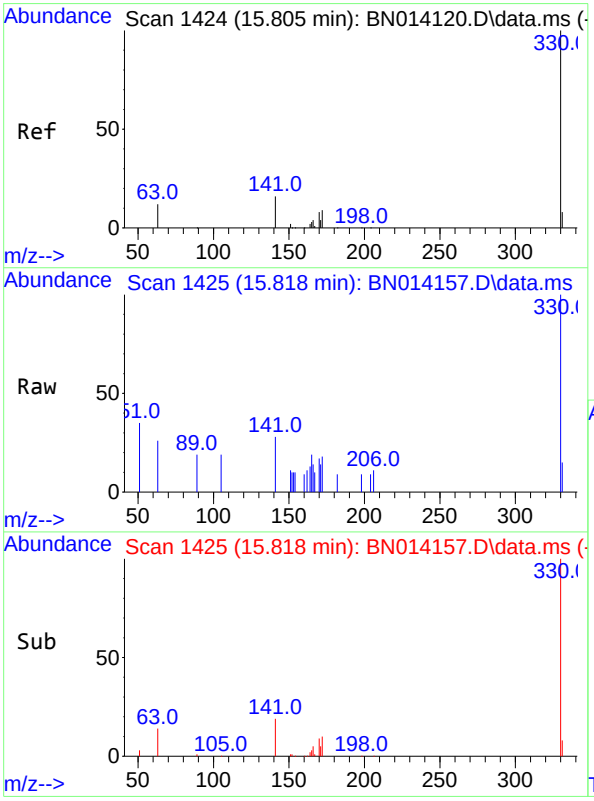


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:164 Resp: 12128

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.2
160	44.4	37.5	56.3

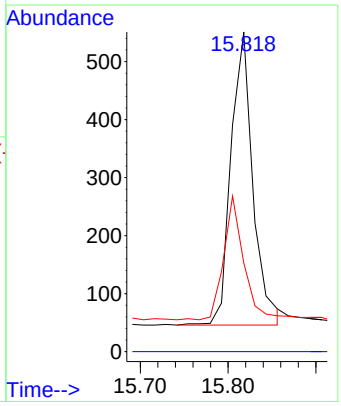




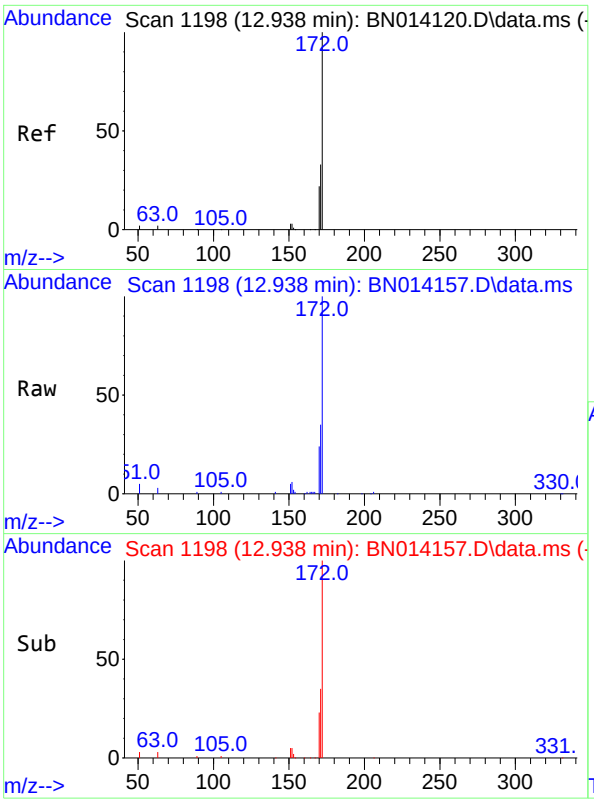
#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:330 Resp: 875

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.5	31.2	46.8



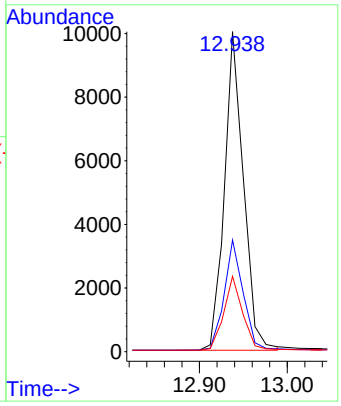
Instrument :
BNA_N
ClientSampleId :
PB135437BL

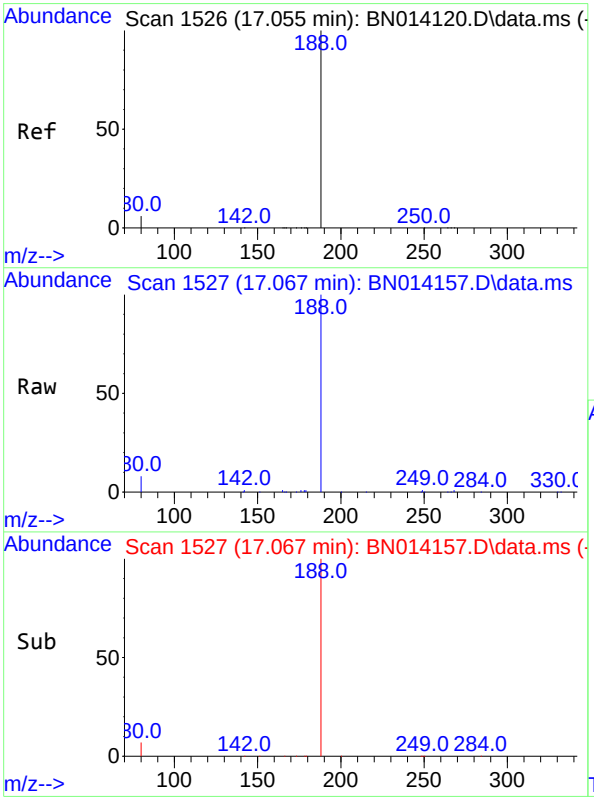


#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:172 Resp: 15055

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.9	40.3
170	23.5	17.8	26.8

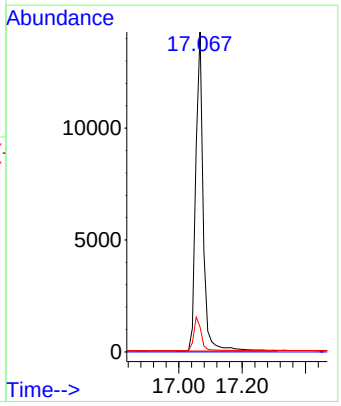




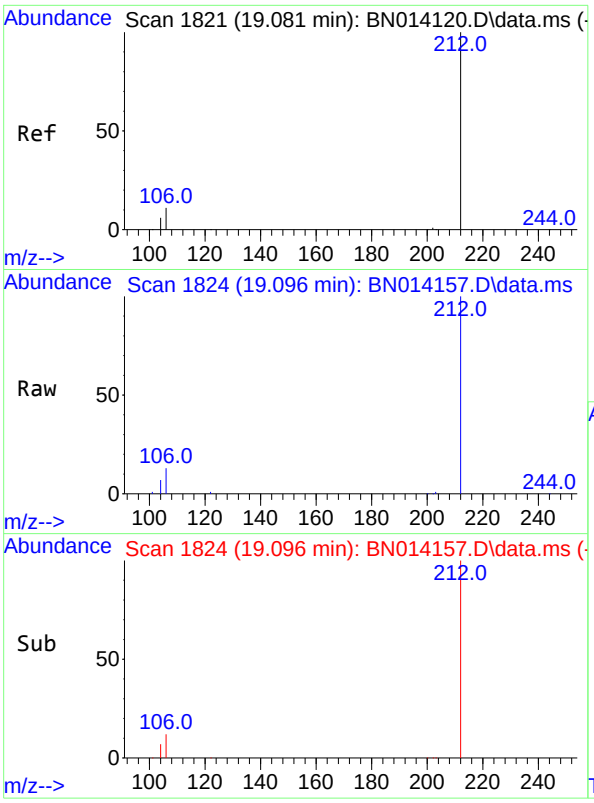
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:188 Resp: 23111

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	5.2	7.8



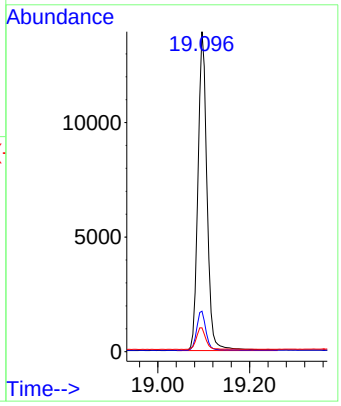
Instrument :
BNA_N
ClientSampleId :
PB135437BL

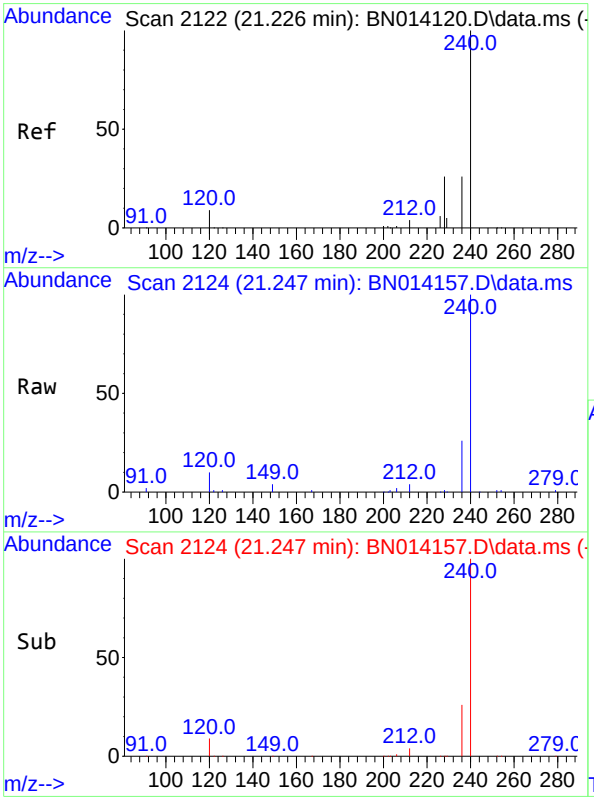


#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:212 Resp: 19011

Ion	Ratio	Lower	Upper
212	100		
106	12.4	10.1	15.1
104	6.9	5.5	8.3

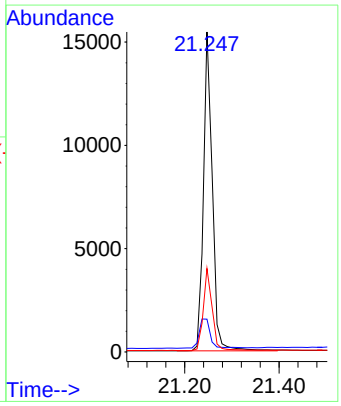




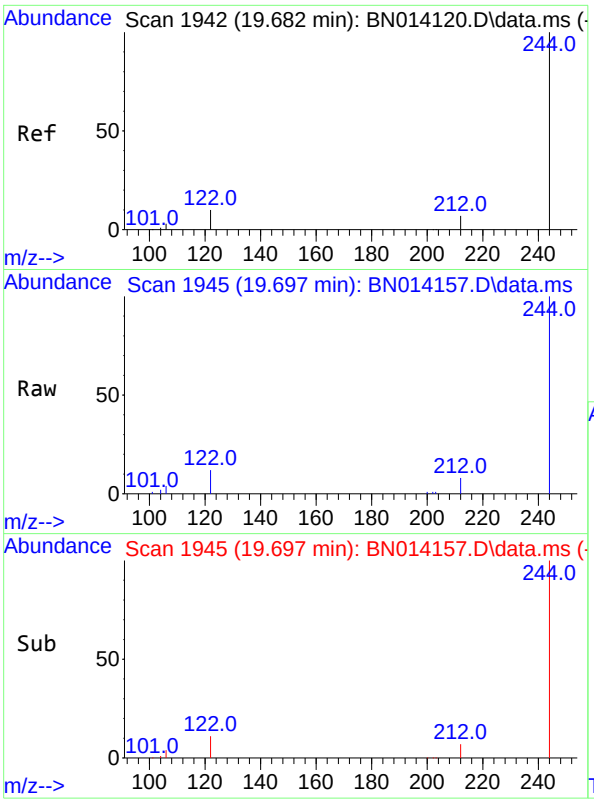
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:240 Resp: 20145

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	26.1	21.0	31.6



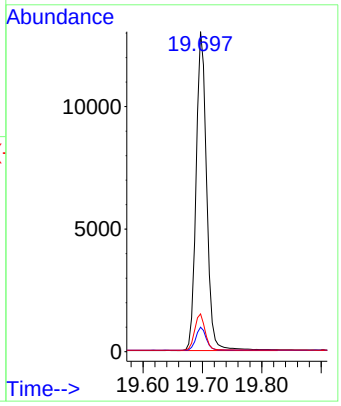
Instrument :
BNA_N
ClientSampleId :
PB135437BL

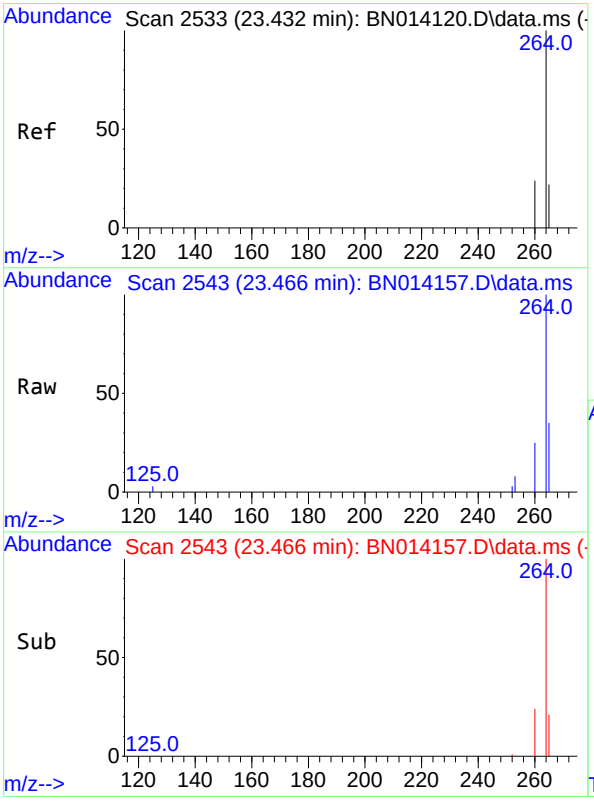


#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.697 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

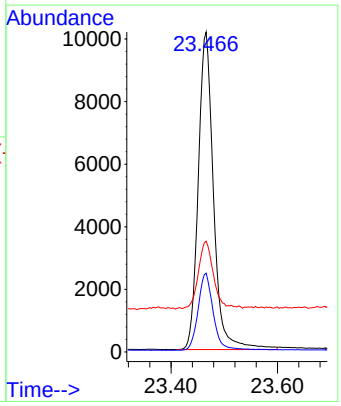
Tgt Ion:244 Resp: 16004

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	11.8	8.6	13.0





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.466 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BN014157.D
Acq: 01 Apr 2021 01:28

Tgt Ion:264 Resp: 20223

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	34.6	30.7	46.1