Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
Data File : BN014702.D
Acq On : 21 May 2021 20:23
Operator : CG/JU
Sample : PB136521BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB136521BL

Quant Time: May 22 01:04:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 21 11:30:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	961	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3409	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	2227	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	4651	0.40	ng	# 0.01
29) Chrysene-d12	21.322	240	4445	0.40	ng	0.00
35) Perylene-d12	23.586	264	4955	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1166	0.46	ng	0.00
5) Phenol-d6	6.903	99	1448	0.43	ng	0.00
8) Nitrobenzene-d5	8.870	82	1397	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2542	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	393	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	3705	0.45	ng	0.00
27) Fluoranthene-d10	19.161	212	5573	0.27	ng	0.00
31) Terphenyl-d14	19.762	244	5415	0.52	ng	0.00
Target Compounds						Qvalue

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

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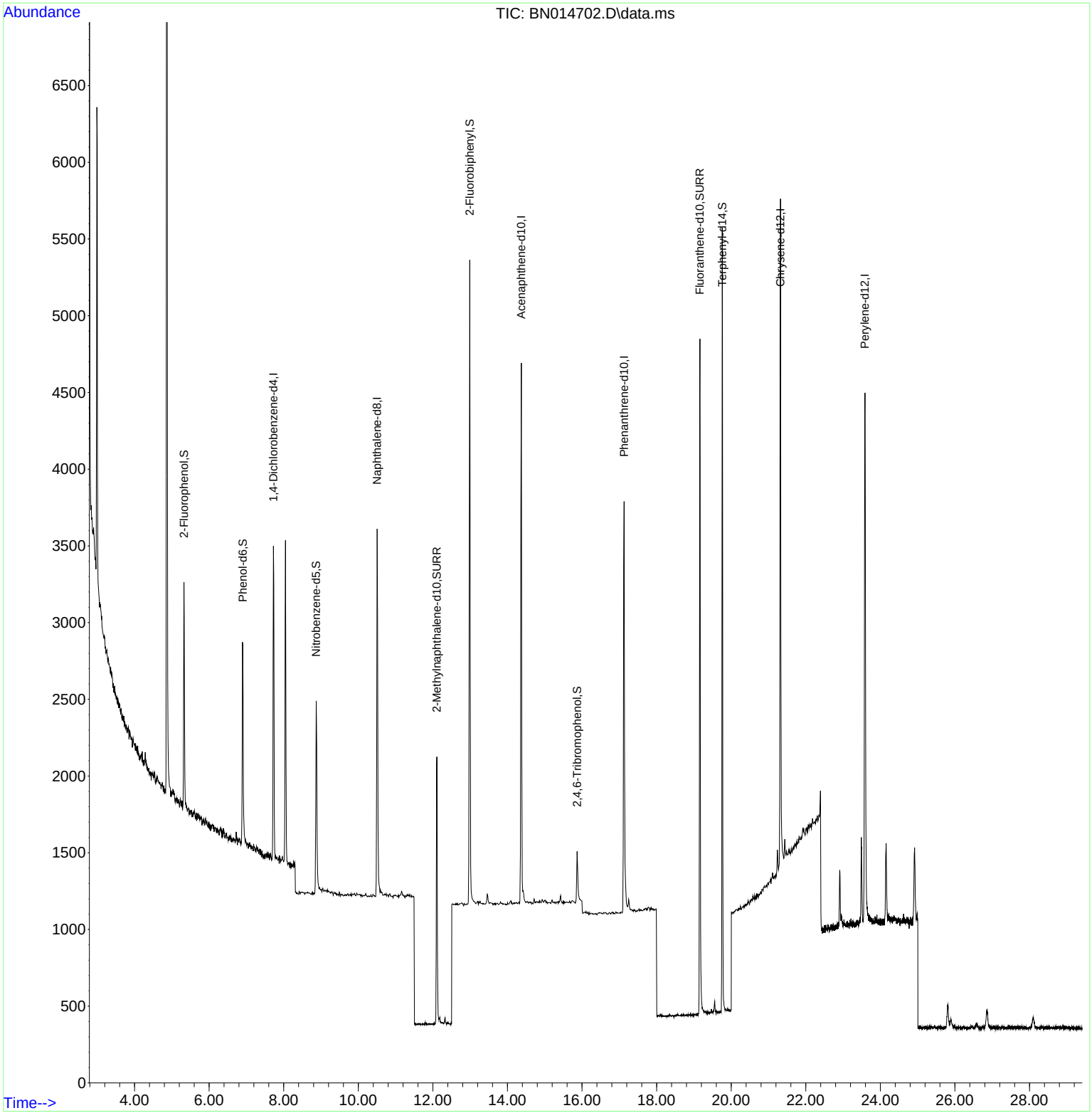

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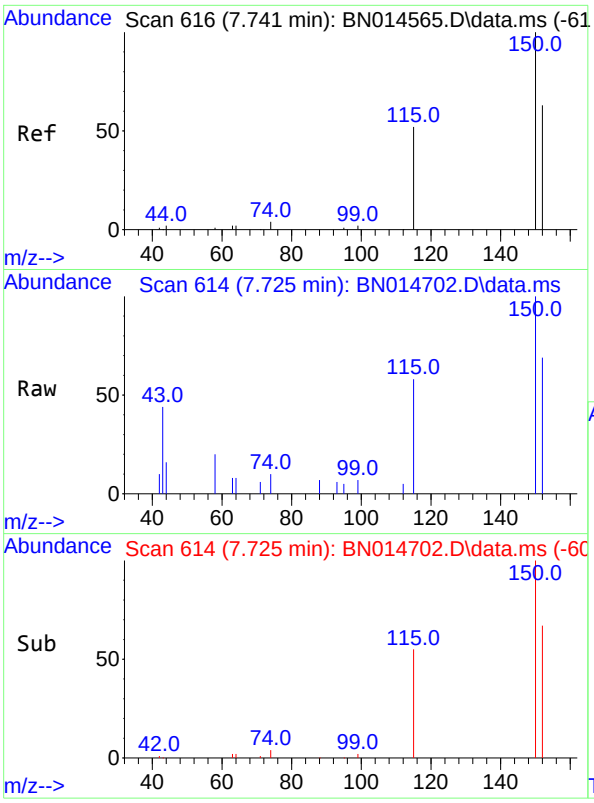
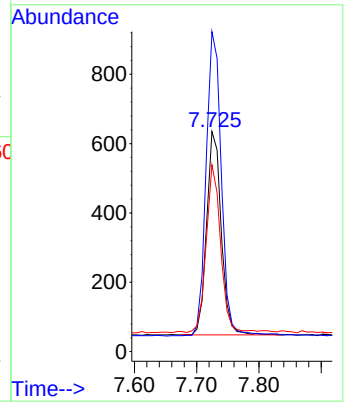
PB136521BL

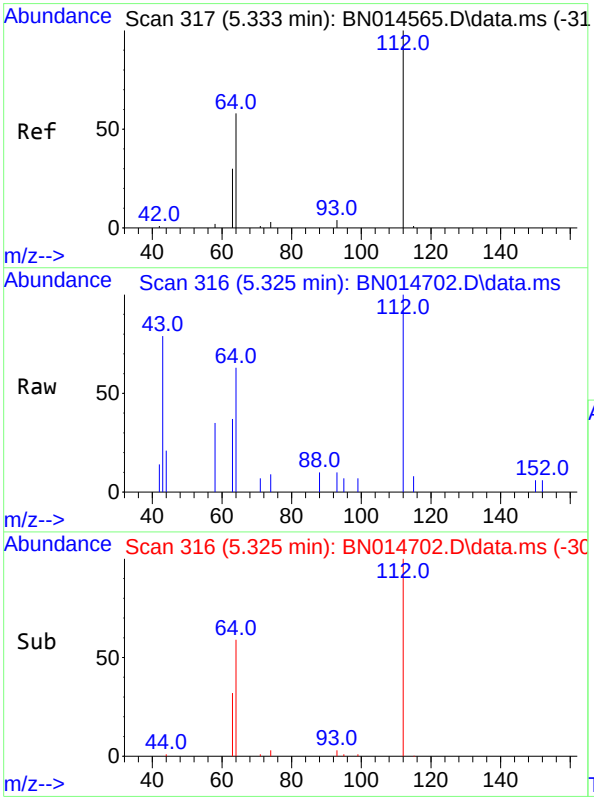


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.725 min Scan# 614
Delta R.T. -0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:152 Resp: 961

Ion	Ratio	Lower	Upper
152	100		
150	145.4	123.8	185.8
115	84.9	47.0	70.4#

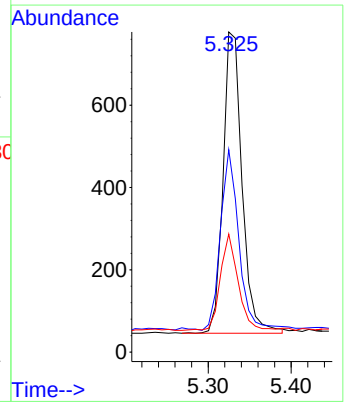




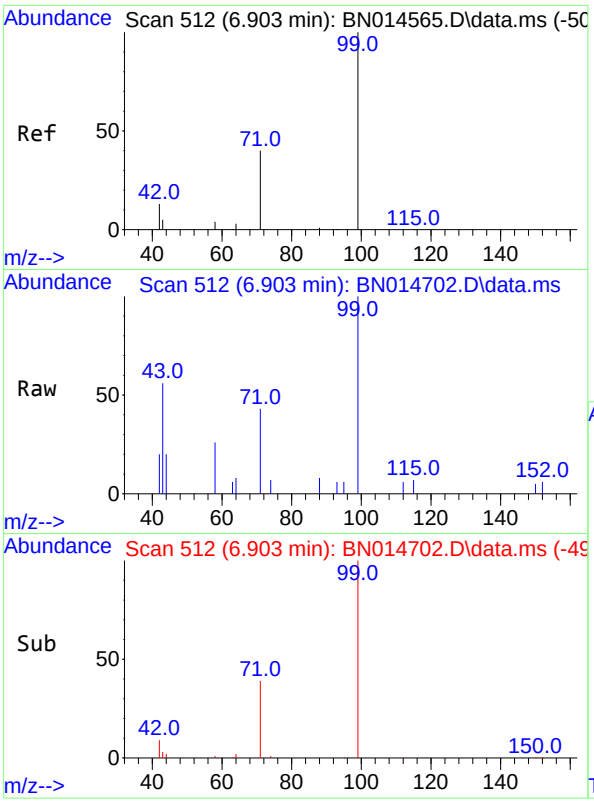
#4
2-Fluorophenol
Concen: 0.46 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:112 Resp: 1166

Ion	Ratio	Lower	Upper
112	100		
64	58.0	41.8	62.6
63	29.7	22.0	33.0



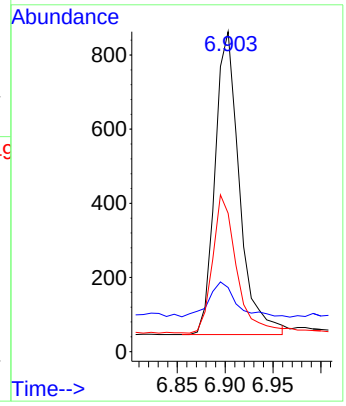
Instrument :
BNA_N
ClientSampleId :
PB136521BL

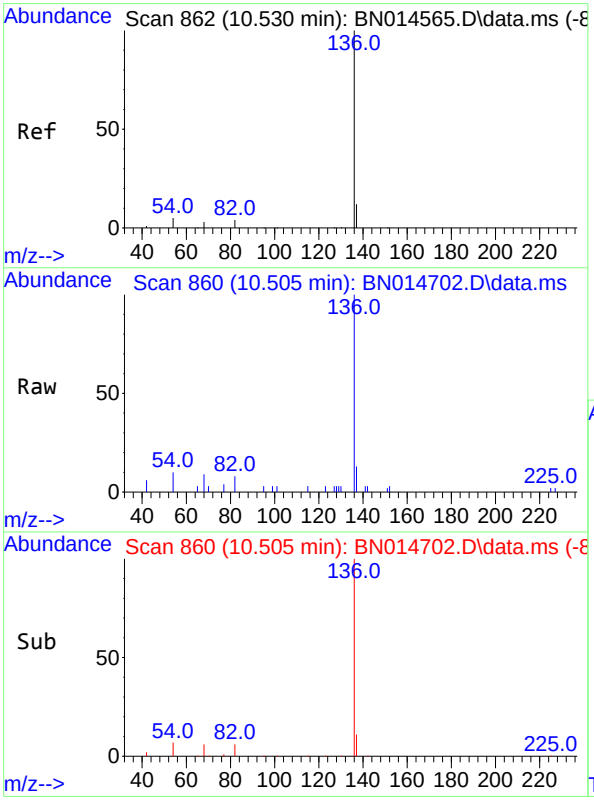


#5
Phenol-d6
Concen: 0.43 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.008 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion: 99 Resp: 1448

Ion	Ratio	Lower	Upper
99	100		
42	12.4	13.2	19.8#
71	44.1	26.2	39.2#

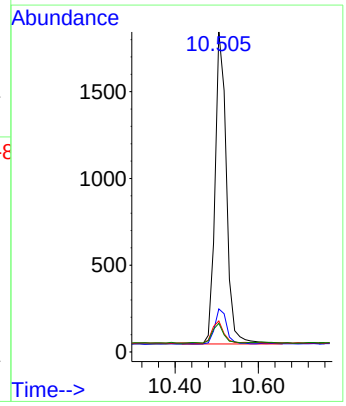




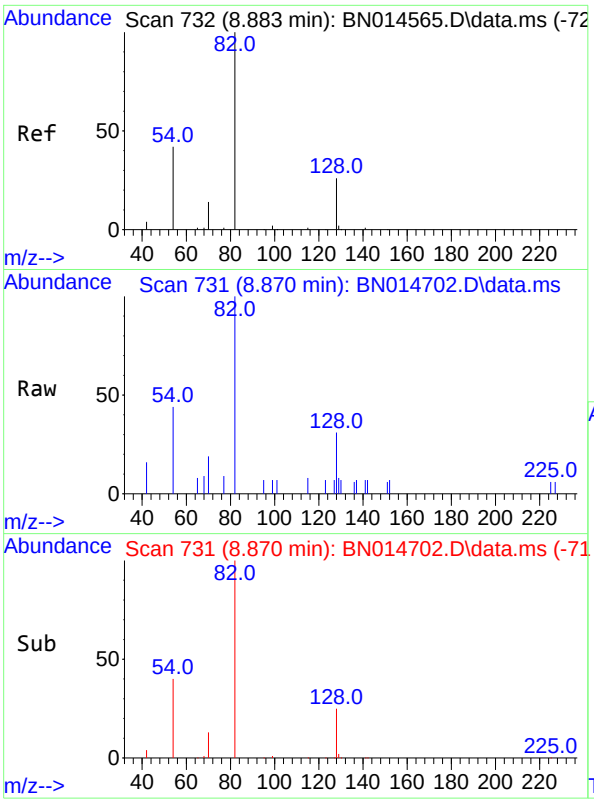
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:136 Resp: 3409

Ion	Ratio	Lower	Upper
136	100		
137	13.4	8.9	13.3#
54	9.7	3.8	5.8#
68	8.9	3.8	5.6#



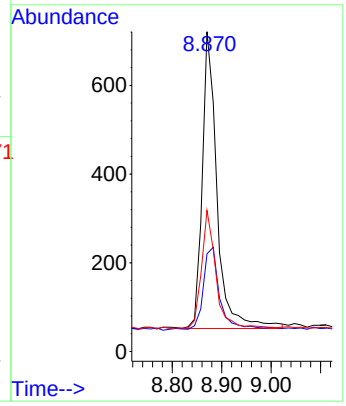
Instrument :
BNA_N
ClientSampleId :
PB136521BL

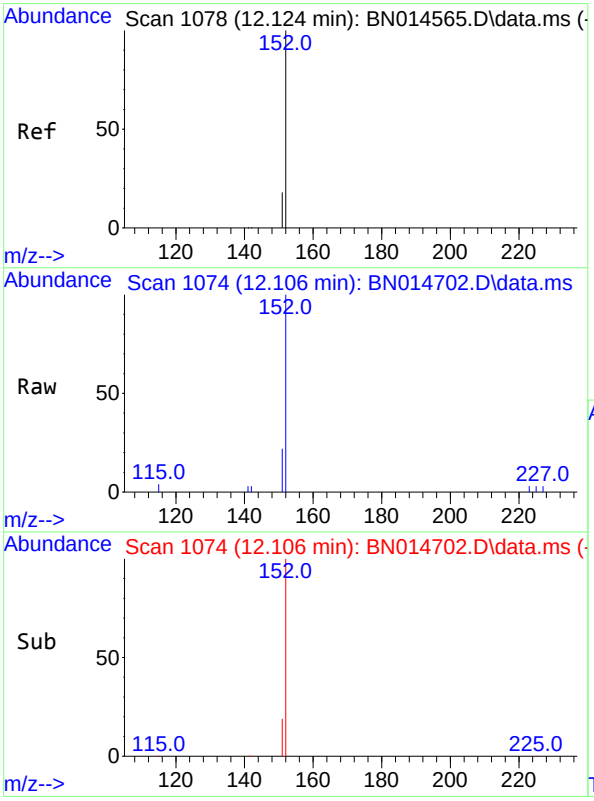


#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion: 82 Resp: 1397

Ion	Ratio	Lower	Upper
82	100		
128	30.5	29.5	44.3
54	44.1	36.9	55.3

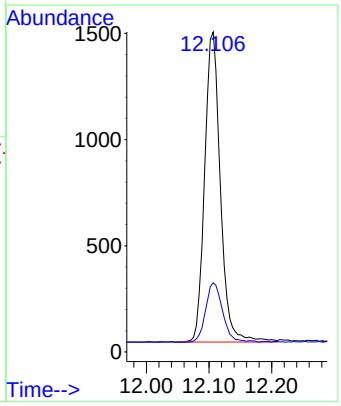




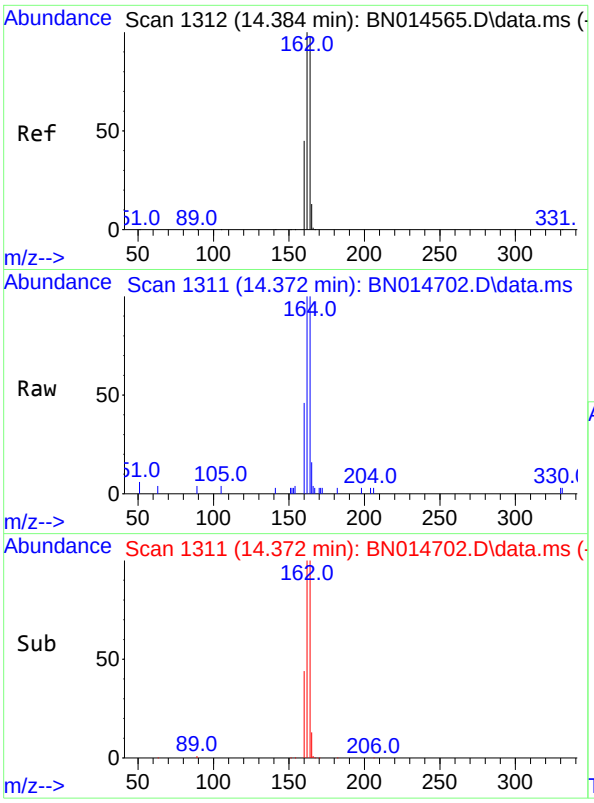
#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.106 min Scan# 1074
Delta R.T. 0.005 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:152 Resp: 2542

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2



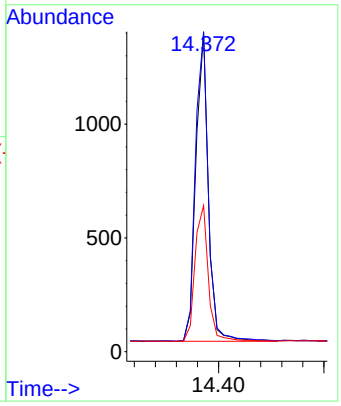
Instrument :
BNA_N
ClientSampleId :
PB136521BL

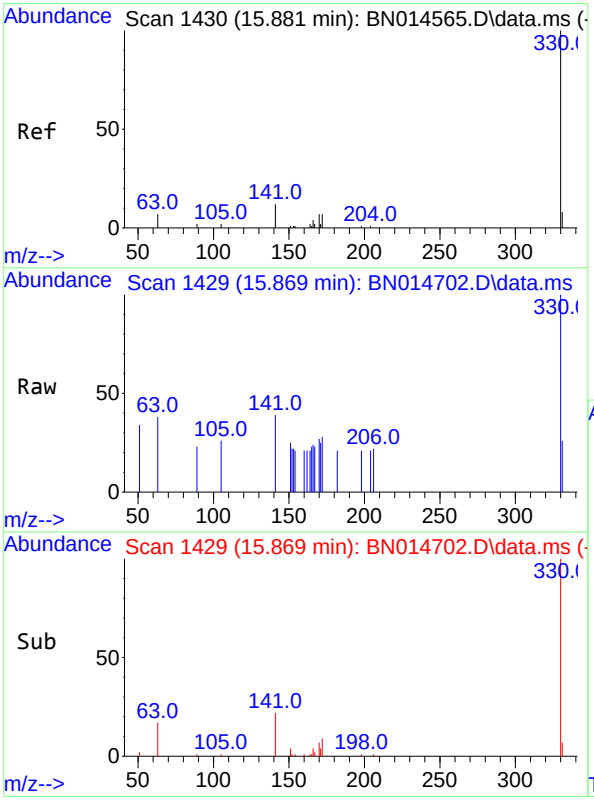


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:164 Resp: 2227

Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.6	118.0
160	45.8	35.8	53.8

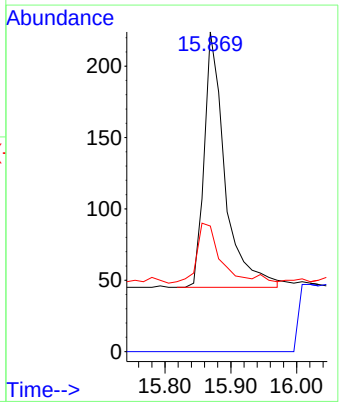




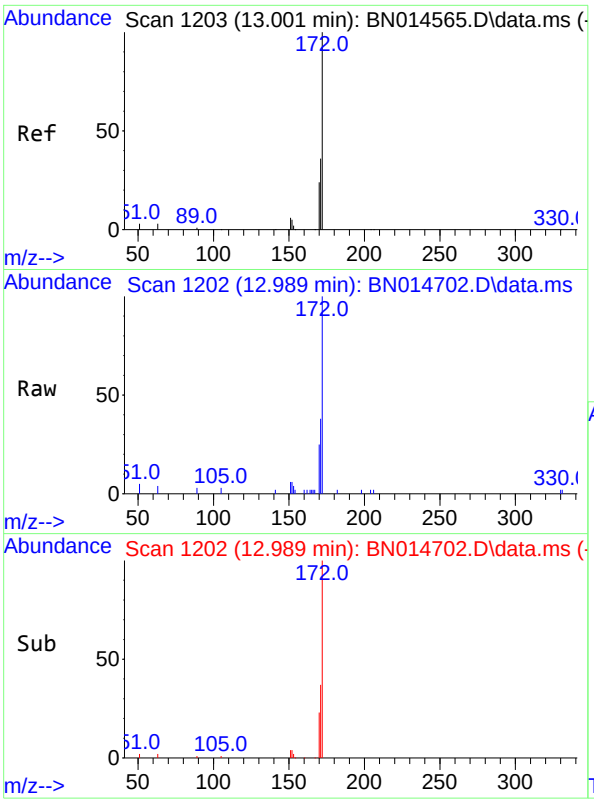
#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:330 Resp: 393

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.5	27.0	40.4



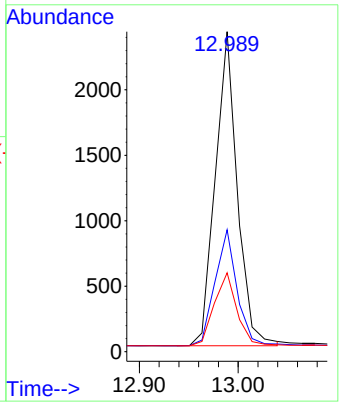
Instrument :
BNA_N
ClientSampleId :
PB136521BL

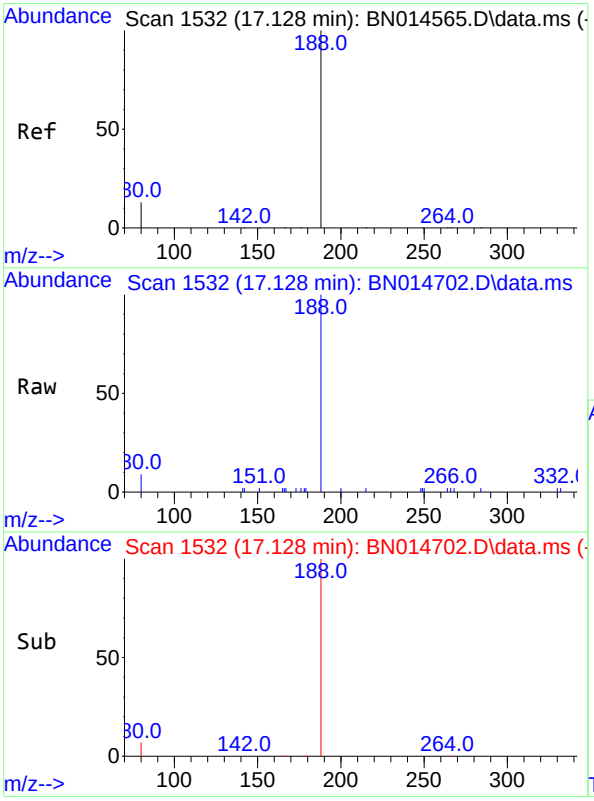


#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.989 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:172 Resp: 3705

Ion	Ratio	Lower	Upper
172	100		
171	38.1	27.1	40.7
170	24.7	18.3	27.5

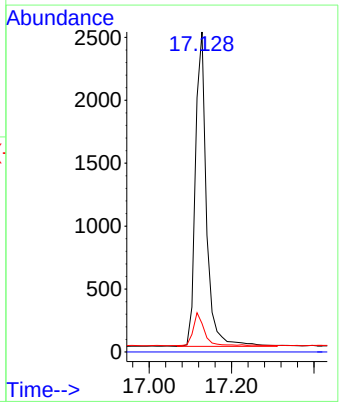




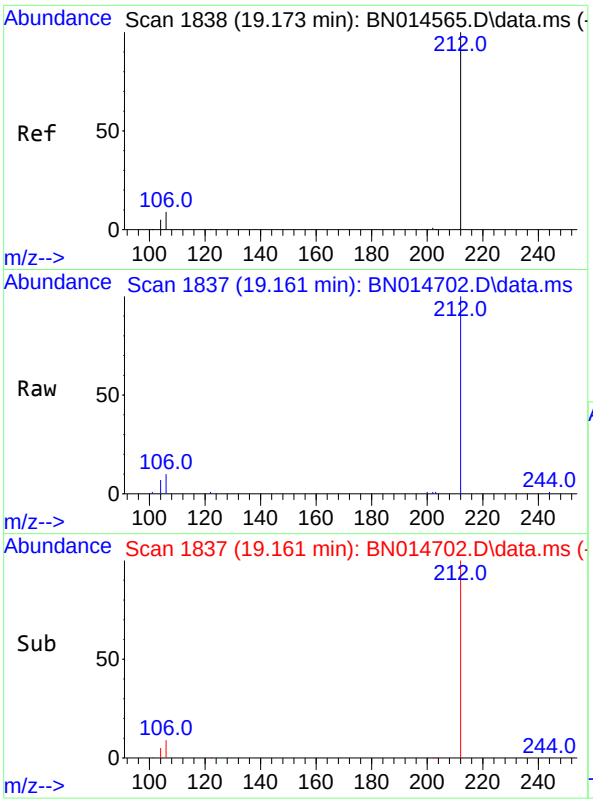
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.012 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:188 Resp: 4651

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	5.2	7.8#



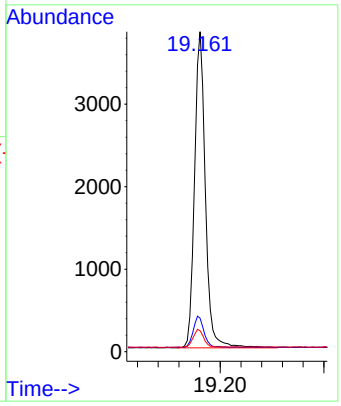
Instrument :
BNA_N
ClientSampleId :
PB136521BL

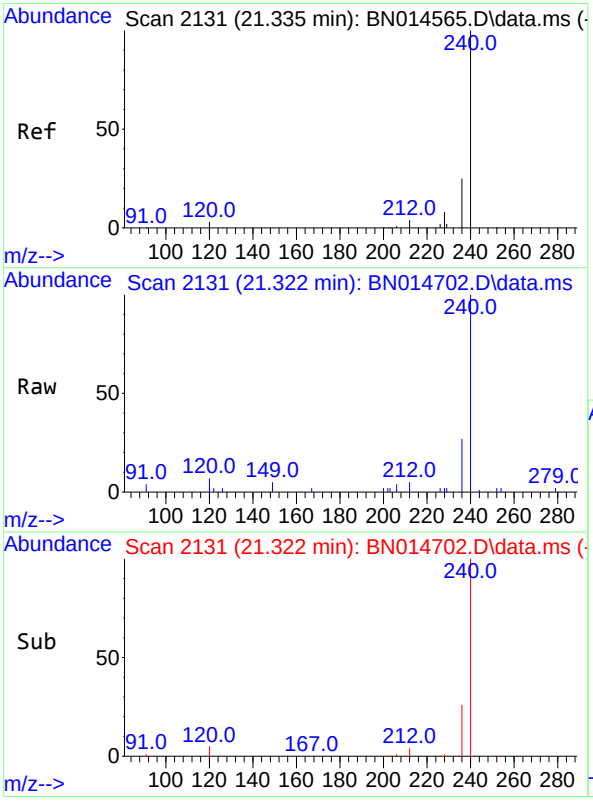


#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.161 min Scan# 1837
Delta R.T. 0.002 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:212 Resp: 5573

Ion	Ratio	Lower	Upper
212	100		
106	9.8	10.1	15.1#
104	5.6	5.4	8.2

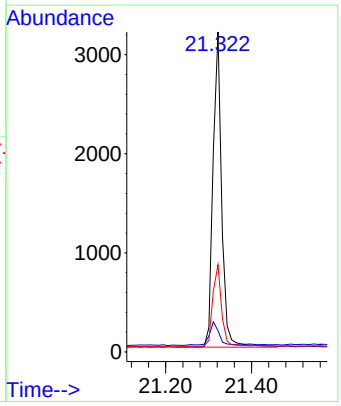


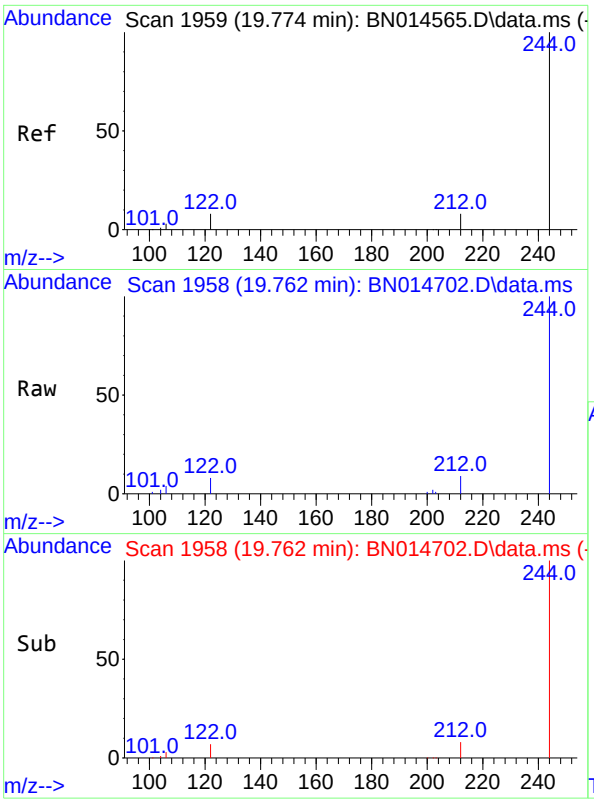


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.322 min Scan# 2131
Delta R.T. 0.008 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:240 Resp: 4445

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.8	8.8
236	27.3	20.6	30.8

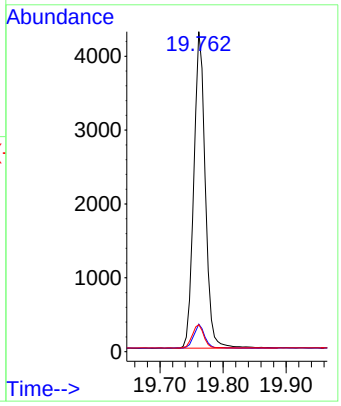




#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.762 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:244 Resp: 5415

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.0	9.0
122	8.4	9.3	13.9#



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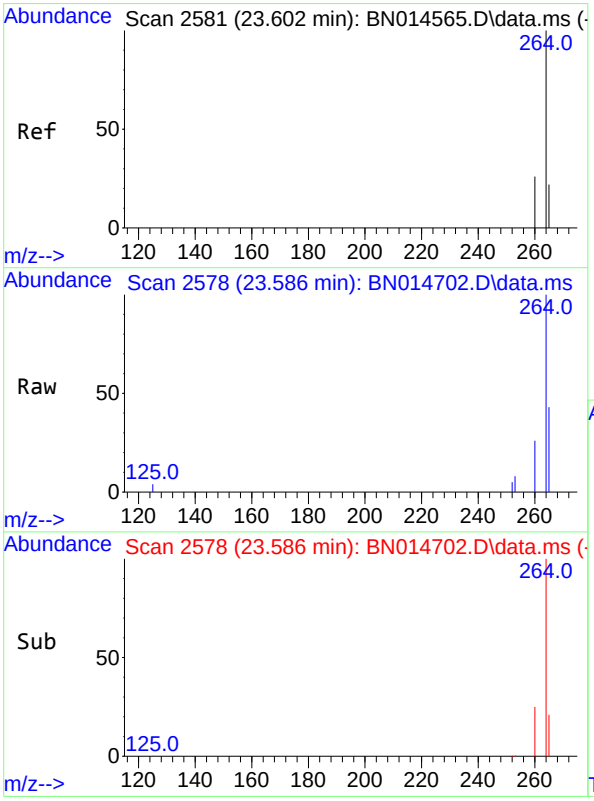

#35
Perylene-d12
Concen: 0.40 ng
RT: 23.586 min Scan# 2578
Delta R.T. 0.001 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:264 Resp: 4955

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.5	29.3
265	42.6	35.4	53.0