Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051121\
Data File : BN014571.D
Acq On : 11 May 2021 21:06
Operator : CG/JU
Sample : PB136257BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB136257BL

Quant Time: May 12 04:39:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 12 04:14:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	706	0.40	ng	# 0.00
7) Naphthalene-d8	10.530	136	2392	0.40	ng	# 0.00
13) Acenaphthene-d10	14.384	164	1615	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	3985	0.40	ng	# 0.00
29) Chrysene-d12	21.332	240	5438	0.40	ng	0.00
35) Perylene-d12	23.603	264	5149	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	650	0.35	ng	0.00
5) Phenol-d6	6.903	99	810	0.33	ng	0.00
8) Nitrobenzene-d5	8.883	82	736	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	1516	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.881	330	143	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	2290	0.39	ng	0.00
27) Fluoranthene-d10	19.171	212	4784	0.27	ng	0.00
31) Terphenyl-d14	19.776	244	5156	0.40	ng	0.00
Target Compounds						Qvalue

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

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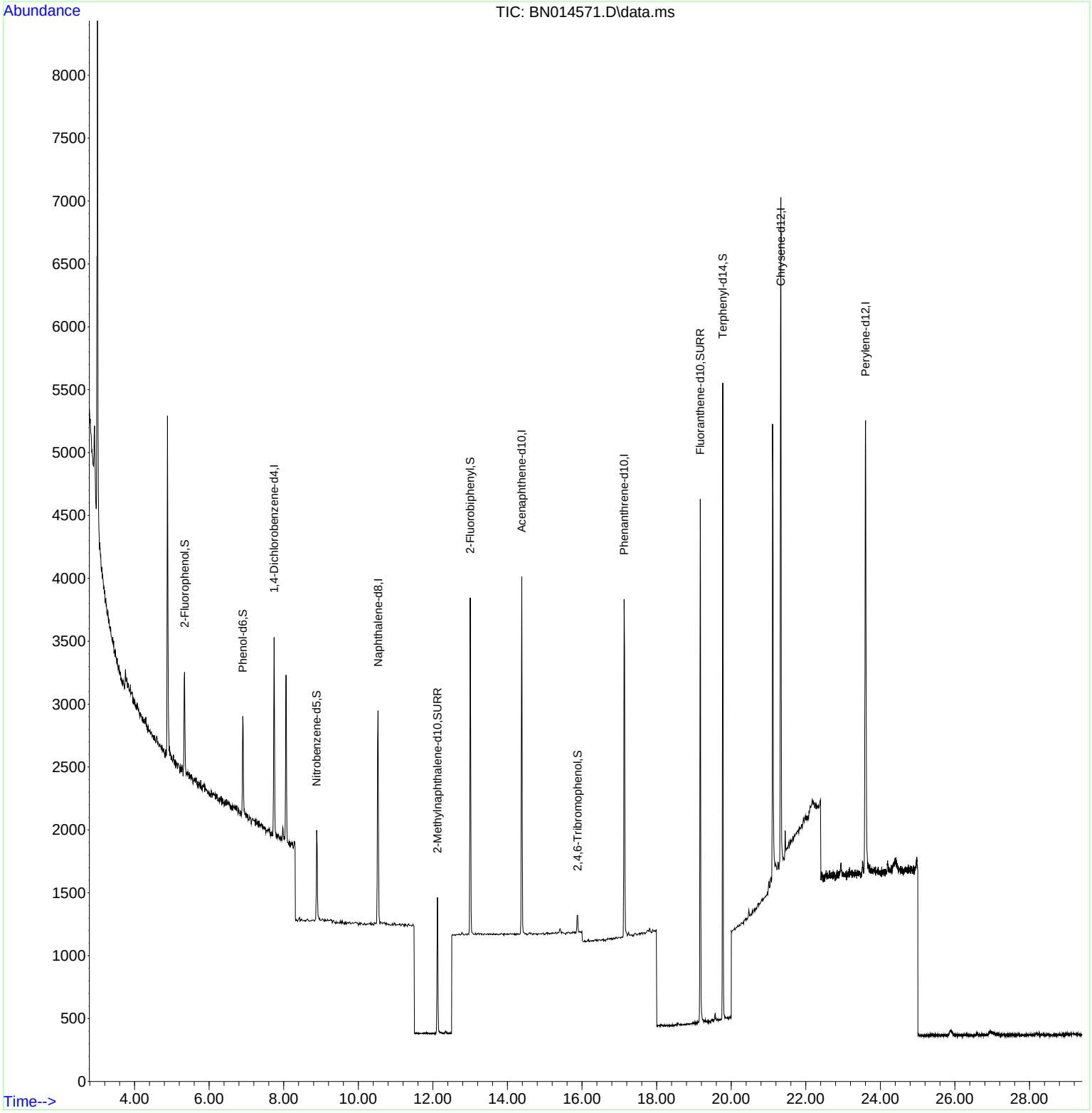

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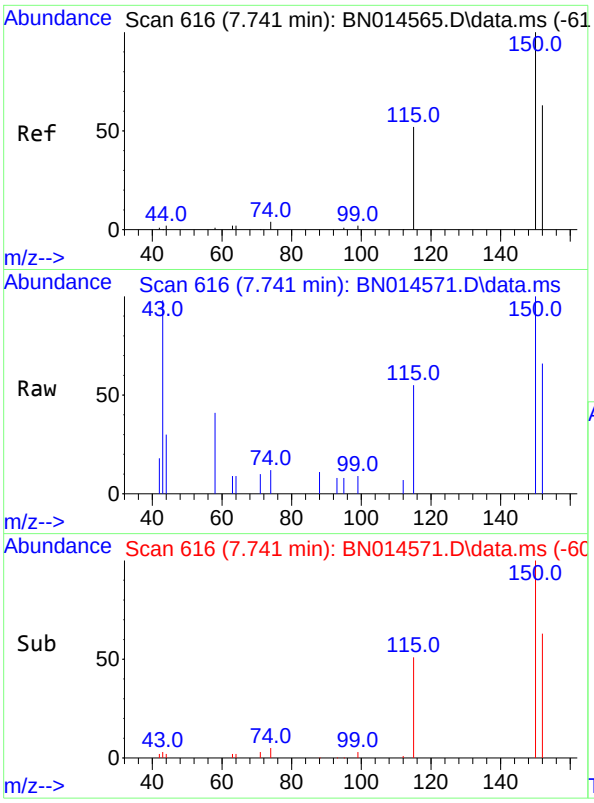
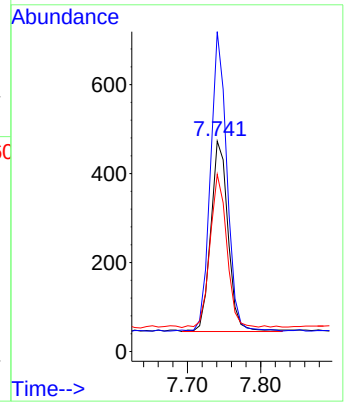
ClientSampleId :
PB136257BL

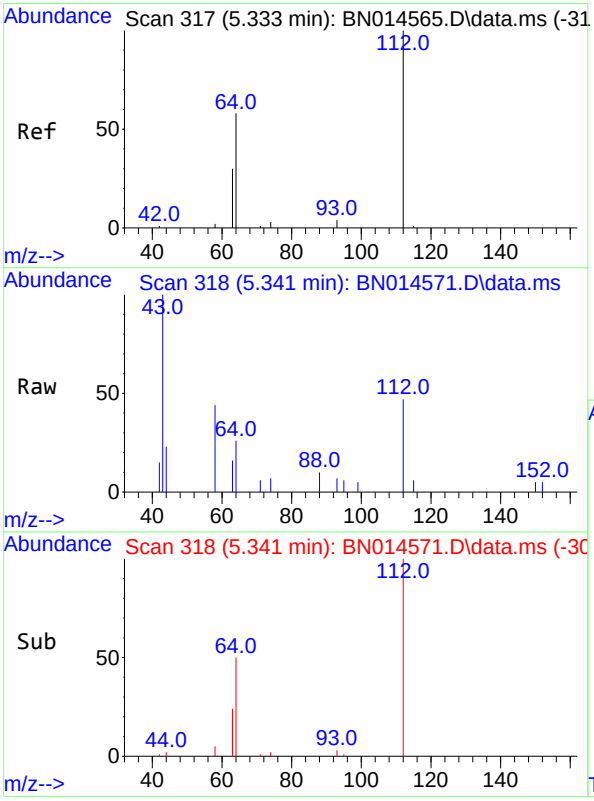


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:152 Resp: 706

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.8	185.8
115	84.1	47.0	70.4#

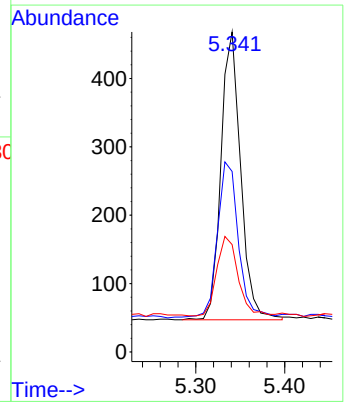




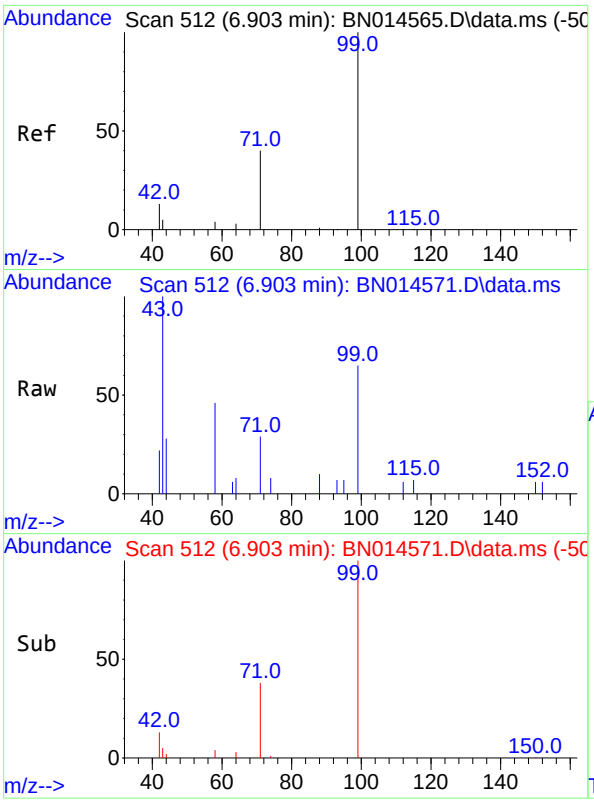
#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.341 min Scan# 318
Delta R.T. 0.008 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:112 Resp: 650

Ion	Ratio	Lower	Upper
112	100		
64	57.5	41.8	62.6
63	29.5	22.0	33.0



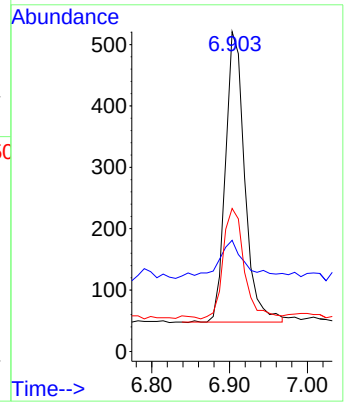
Instrument :
BNA_N
ClientSampleId :
PB136257BL

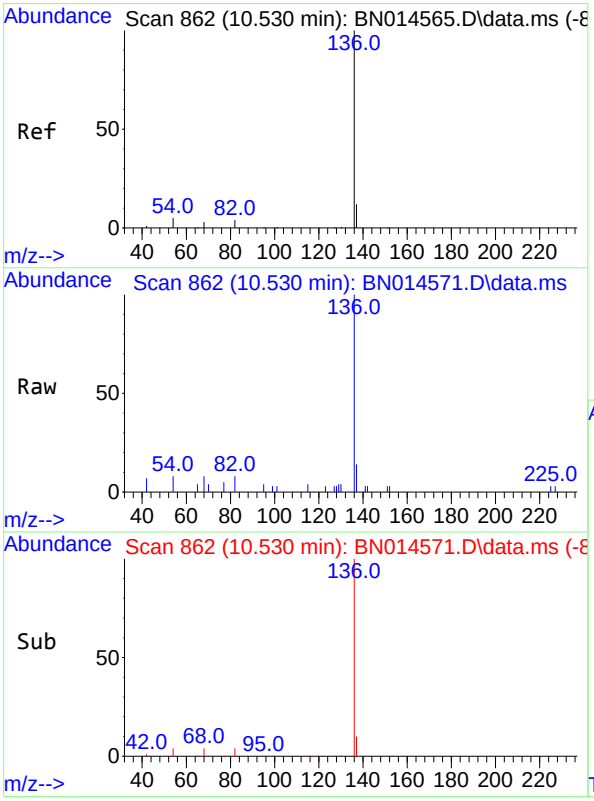


#5
Phenol-d6
Concen: 0.33 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.000 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion: 99 Resp: 810

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.2	19.8
71	42.2	26.2	39.2#

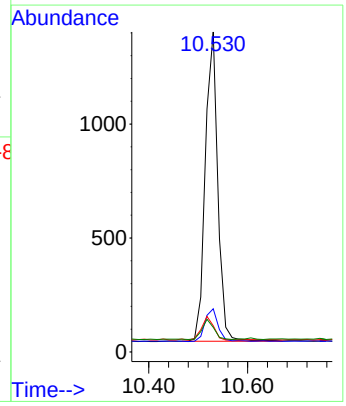


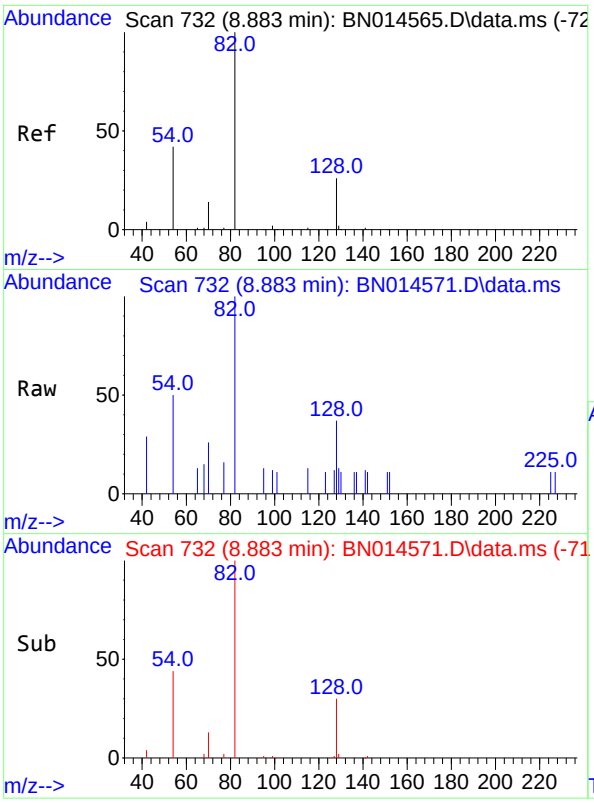


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. 0.000 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:136 Resp: 2392

Ion	Ratio	Lower	Upper
136	100		
137	13.5	8.9	13.3#
54	8.2	3.8	5.8#
68	7.7	3.8	5.6#

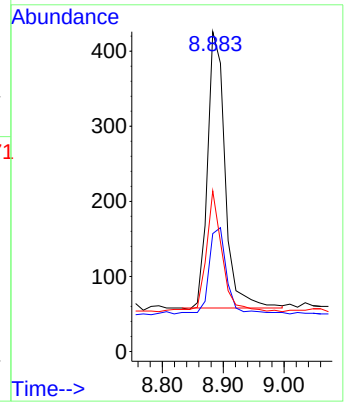




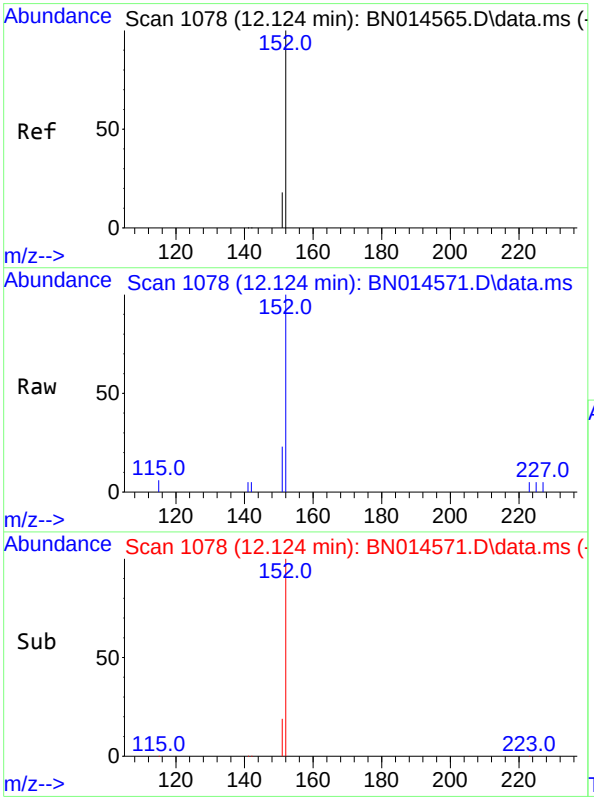
#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.883 min Scan# 732
Delta R.T. 0.000 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion: 82 Resp: 736

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.5	44.3
54	50.2	36.9	55.3



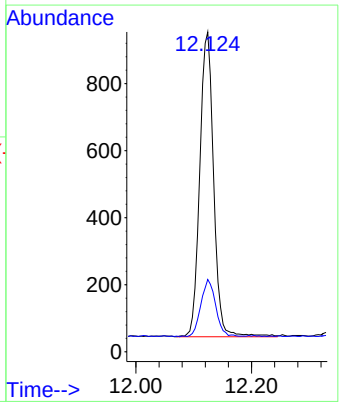
Instrument :
BNA_N
ClientSampleId :
PB136257BL



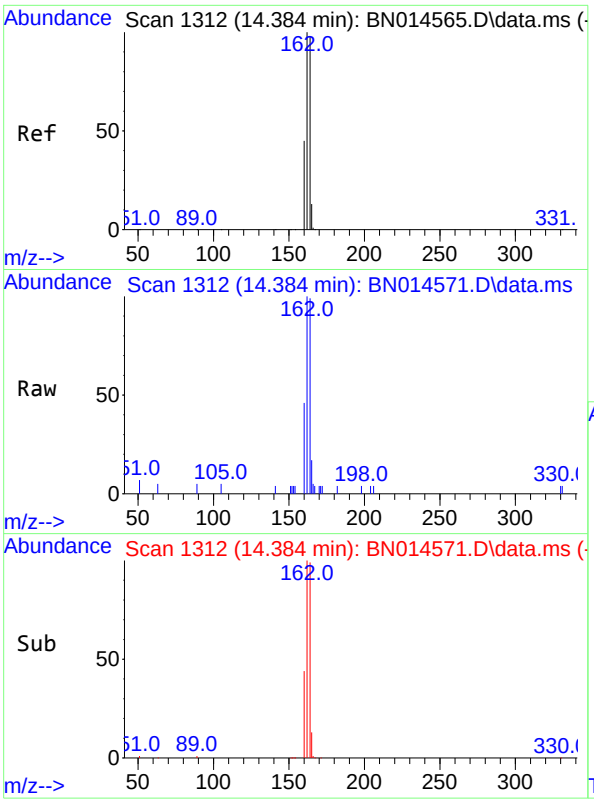
#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.124 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:152 Resp: 1516

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2



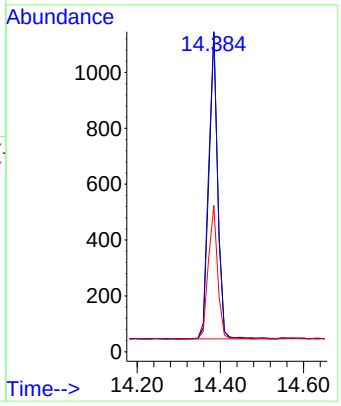
Instrument :
BNA_N
ClientSampleId :
PB136257BL

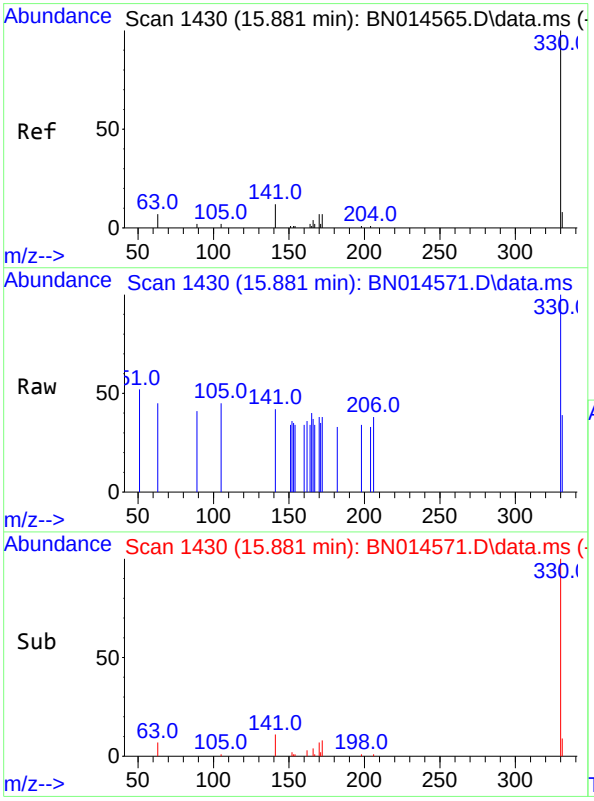


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.384 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:164 Resp: 1615

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.6	118.0
160	46.0	35.8	53.8

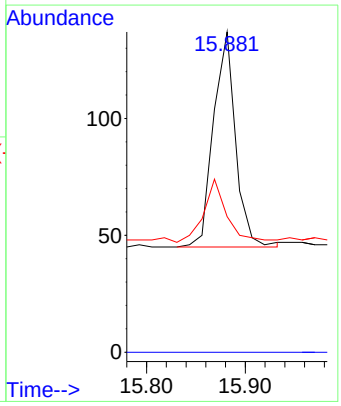




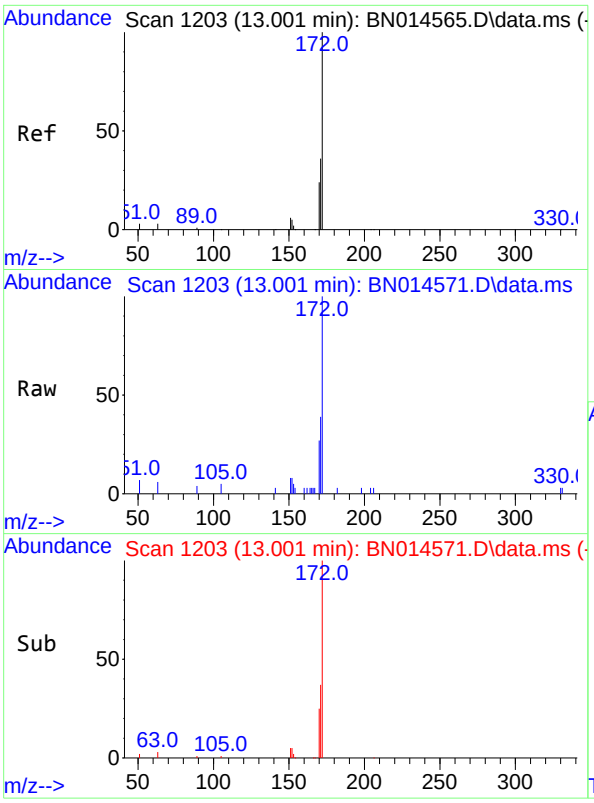
#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.881 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:330 Resp: 143

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.6	27.0	40.4#



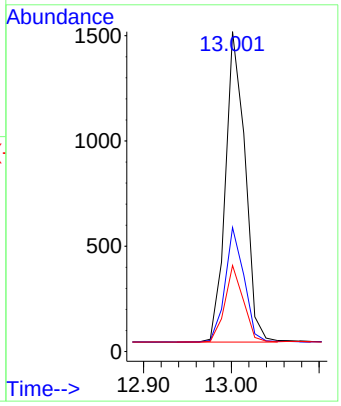
Instrument :
BNA_N
ClientSampleId :
PB136257BL

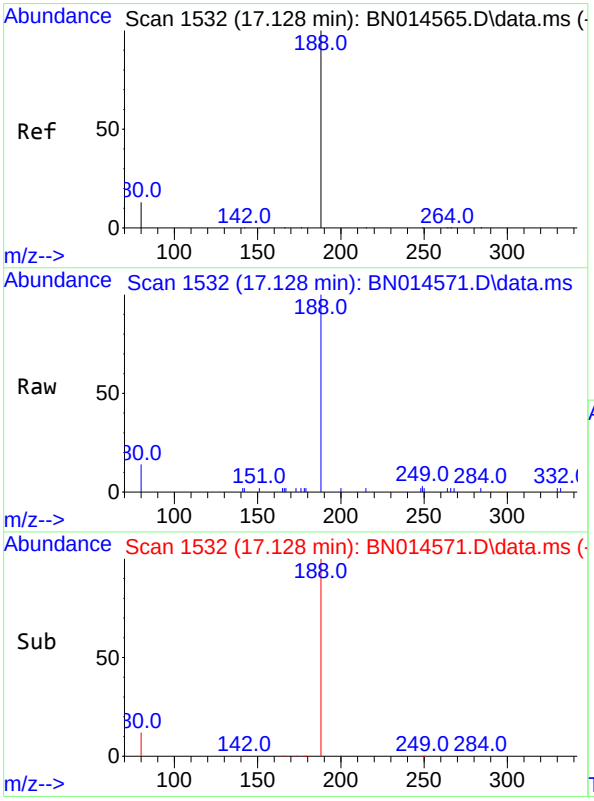


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.001 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:172 Resp: 2290

Ion	Ratio	Lower	Upper
172	100		
171	38.8	27.1	40.7
170	26.9	18.3	27.5

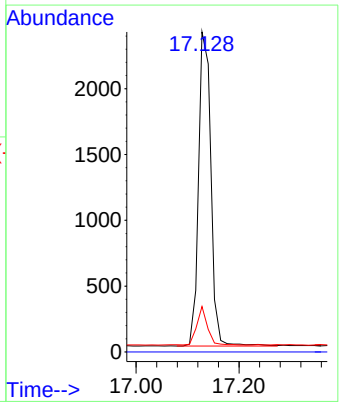




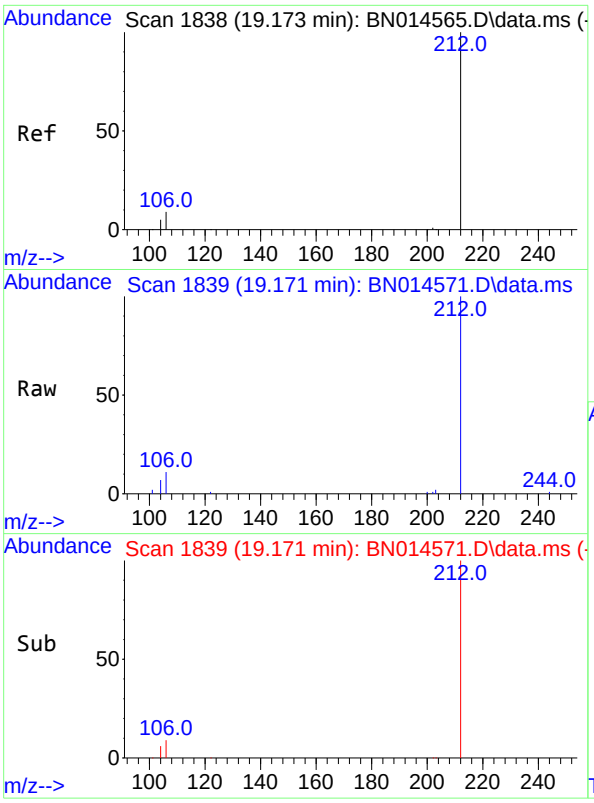
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:188 Resp: 3985

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	5.2	7.8#



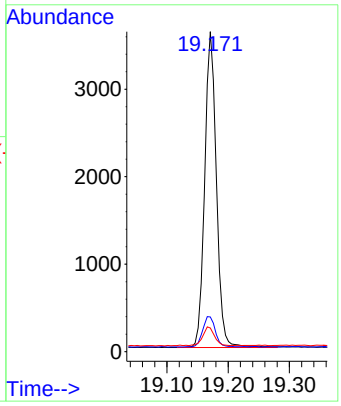
Instrument :
BNA_N
ClientSampleId :
PB136257BL

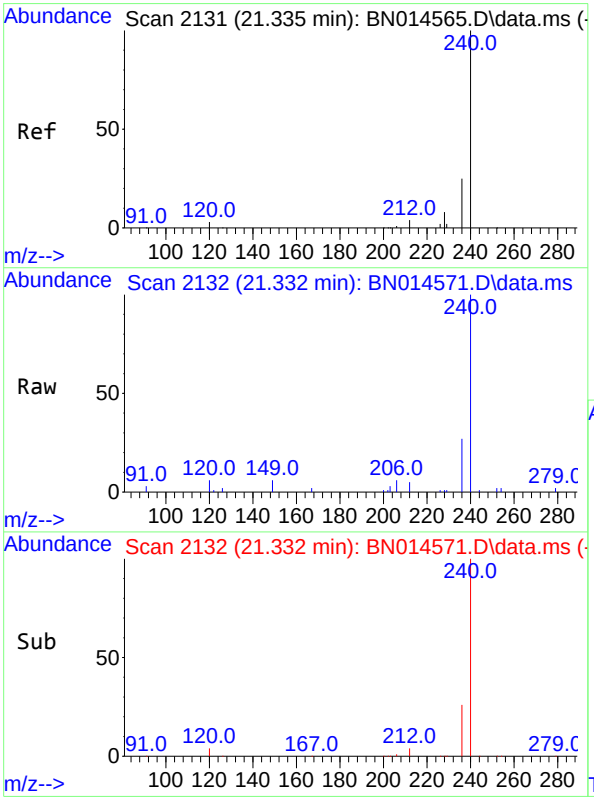


#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.171 min Scan# 1839
Delta R.T. -0.003 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:212 Resp: 4784

Ion	Ratio	Lower	Upper
212	100		
106	10.5	10.1	15.1
104	5.9	5.4	8.2

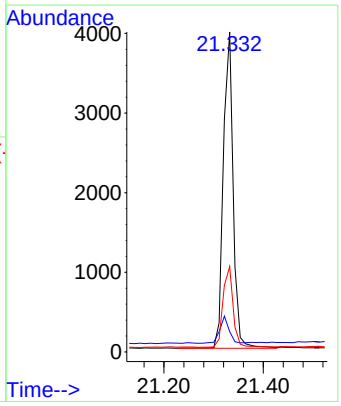




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.003 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:240 Resp: 5438

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.8	8.8
236	26.7	20.6	30.8



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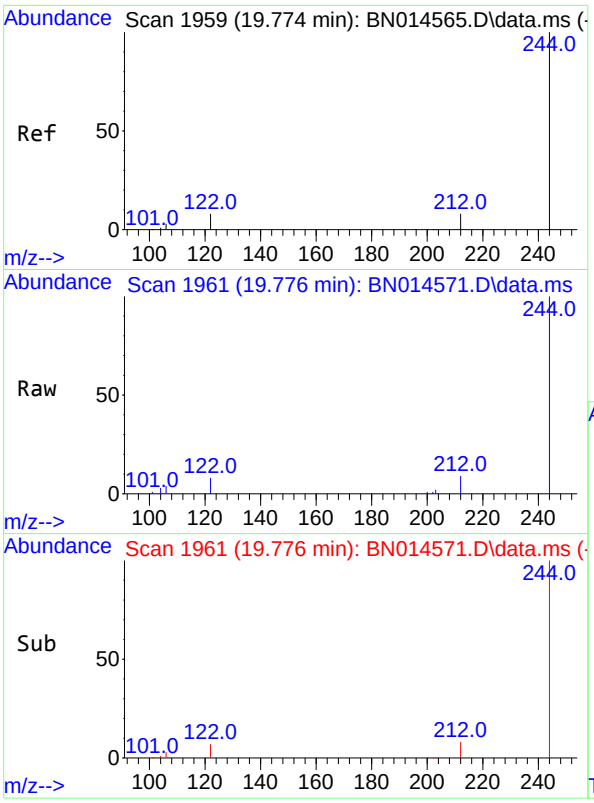
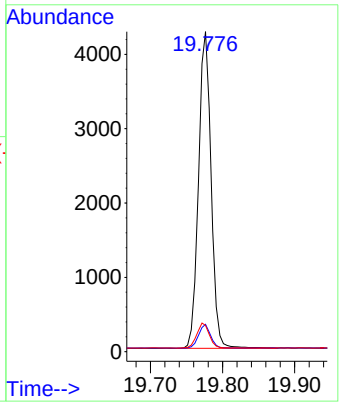
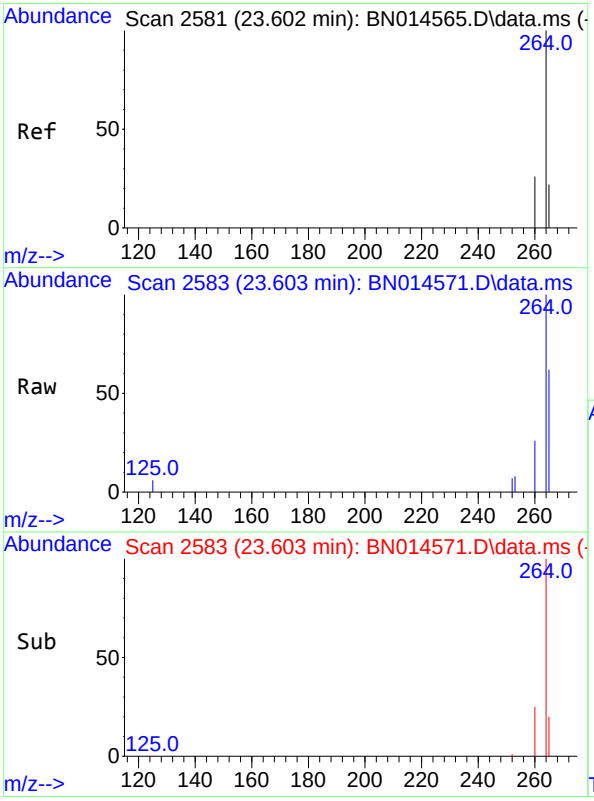


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.776 min Scan# 1961
Delta R.T. 0.002 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:244 Resp: 5156

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.0	9.0
122	8.2	9.3	13.9#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.603 min Scan# 2583
Delta R.T. 0.001 min
Lab File: BN014571.D
Acq: 11 May 2021 21:06

Tgt Ion:264 Resp: 5149

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.5	29.3
265	61.5	35.4	53.0#