Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
Data File : BN013065.D
Acq On : 11 Dec 2020 12:57
Operator : CG/JU
Sample : SP5381
Misc : 8270 SIM SURROGATE
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SP5381

Quant Time: Dec 11 15:06:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 01:53:51 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.378	152	629	0.40	ng	0.00
7) Naphthalene-d8	10.163	136	1990	0.40	ng	# 0.03
13) Acenaphthene-d10	14.042	164	1222	0.40	ng	0.01
19) Phenanthrene-d10	16.811	188	2459	0.40	ng	# 0.01
29) Chrysene-d12	21.024	240	2317	0.40	ng	# 0.01
36) Perylene-d12	23.127	264	2408	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	769	0.34	ng	0.00
5) Phenol-d6	6.589	99	636	0.25	ng	0.02
8) Nitrobenzene-d5	8.578	82	597	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	11.773	152	1139	0.32	ng	0.03
14) 2,4,6-Tribromophenol	15.564	330	187	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.671	172	1630	0.30	ng	0.03
27) Fluoranthene-d10	18.853	212	2739	0.33	ng	0.00
31) Terphenyl-d14	19.464	244	2287	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.949	88	6	Below Cal	#	20
20) 4,6-Dinitro-2-methylph...	15.222	198	2	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	34	0.06	ng	# 79
23) Atrazine	16.008	200	235	0.16	ng	# 4

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

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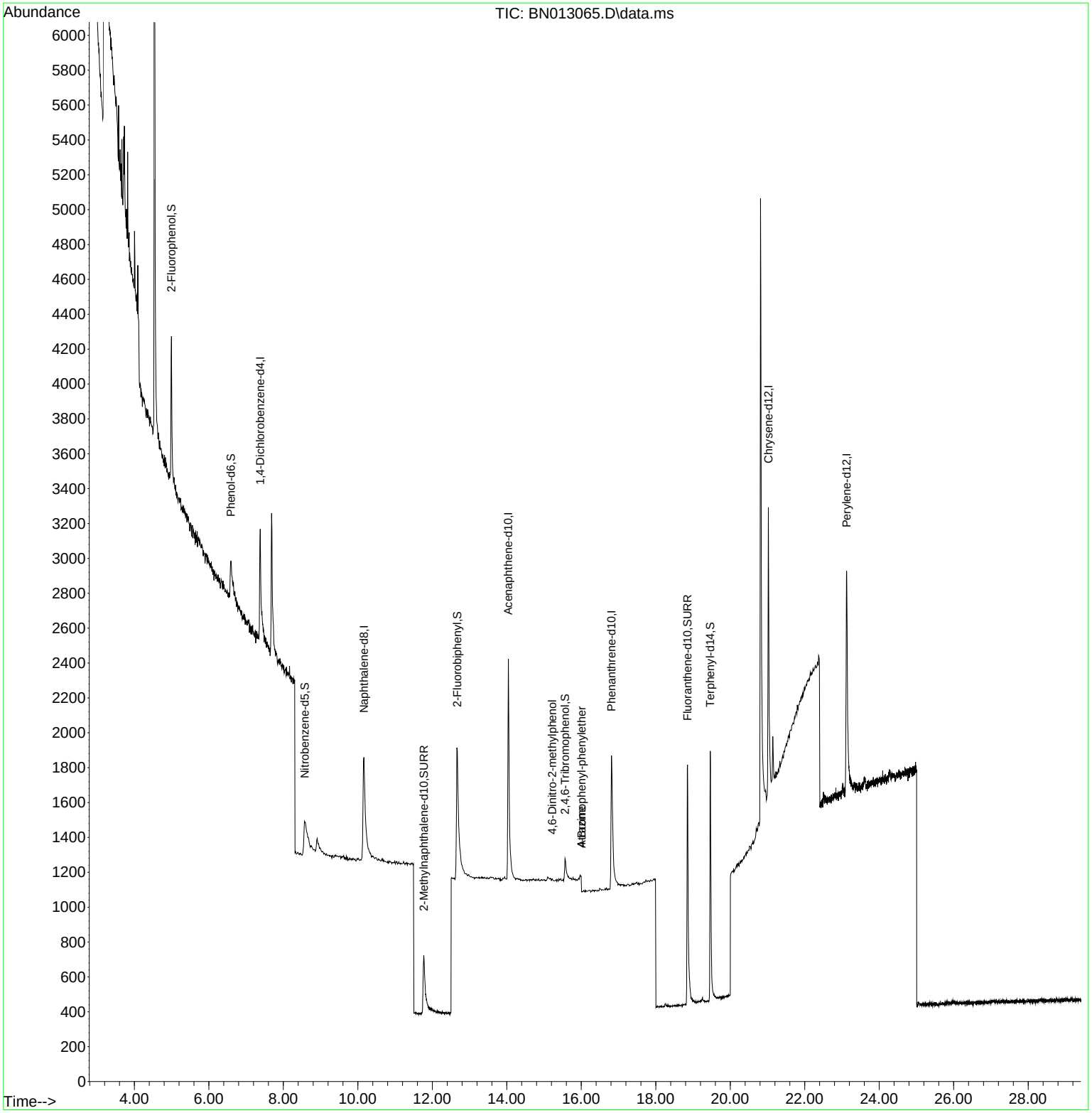
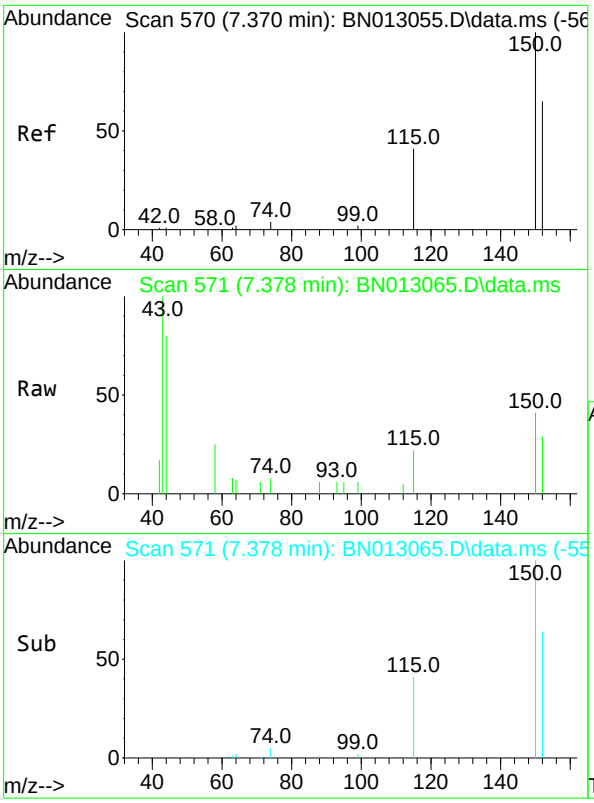
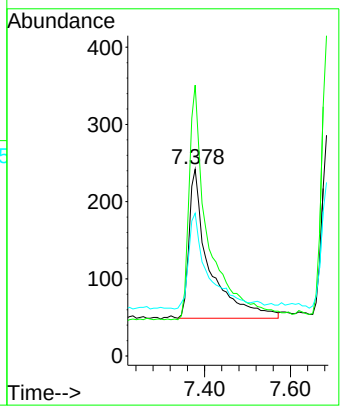




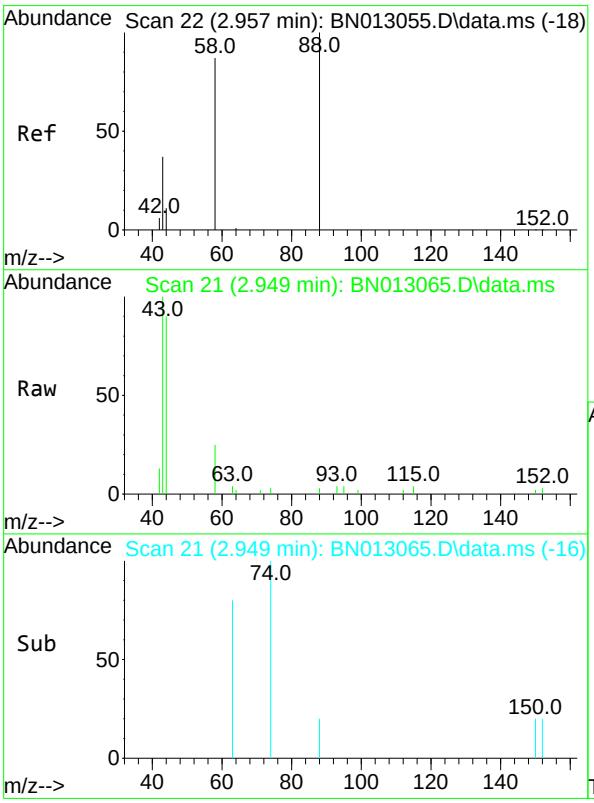
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.378 min Scan# 571
Delta R.T. 0.008 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:152 Resp: 629

Ion	Ratio	Lower	Upper
152	100		
150	145.0	116.6	174.8
115	76.4	52.9	79.3



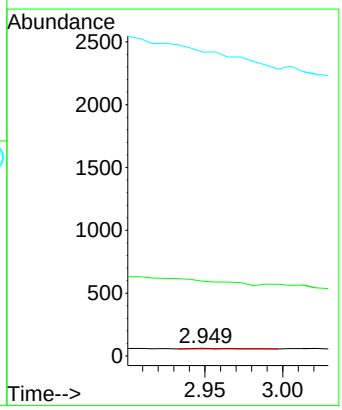
Instrument :
BNA_N
ClientSampleId :
SP5381

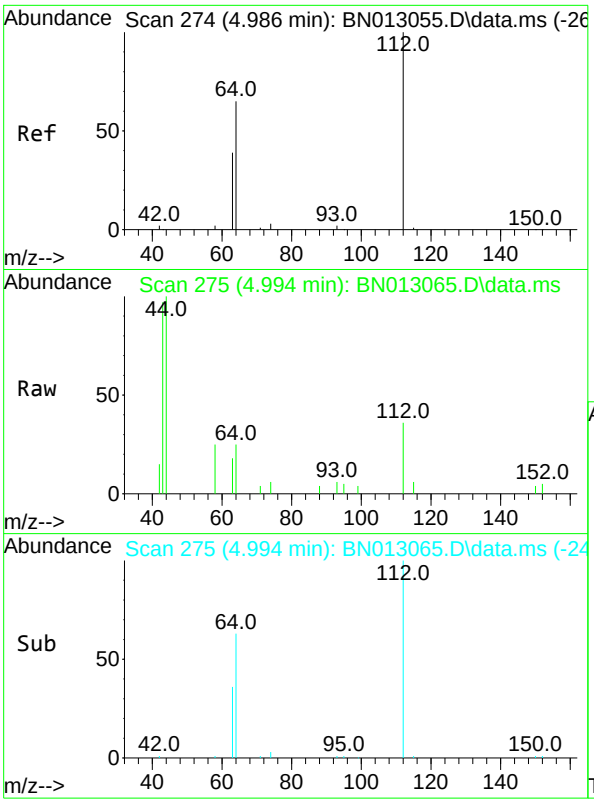


#2
1,4-Dioxane
Concen: Below Cal
RT: 2.949 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion: 88 Resp: 6

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.4	89.2#
43	0.0	32.3	48.5#

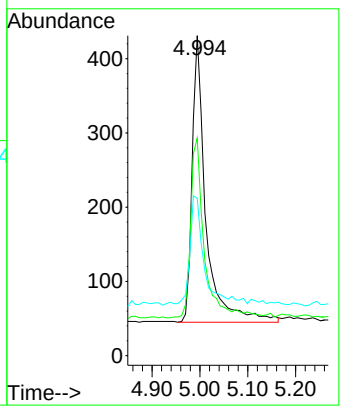




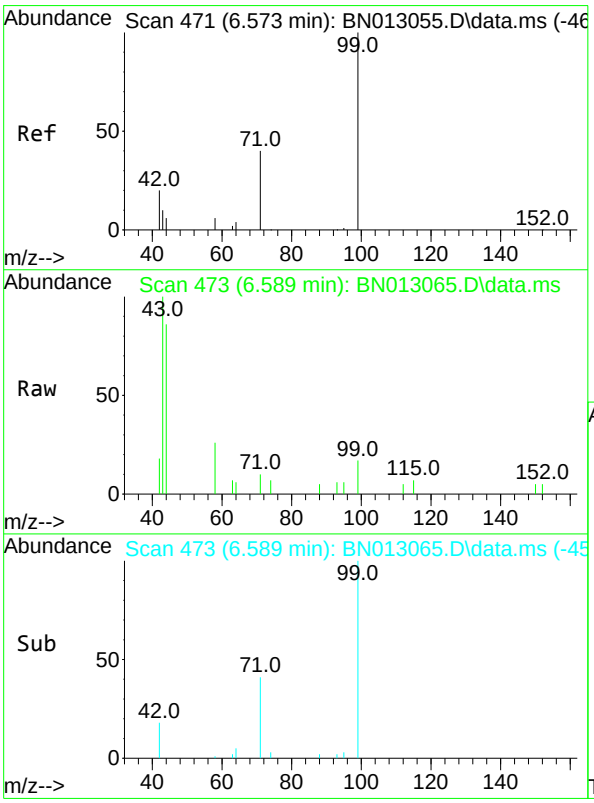
#4
2-Fluorophenol
Concen: 0.34 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:112 Resp: 769

Ion	Ratio	Lower	Upper
112	100		
64	62.7	49.5	74.3
63	40.3	32.0	48.0



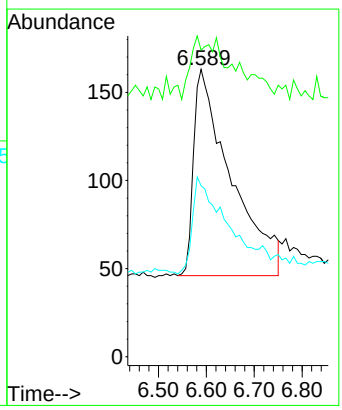
Instrument :
BNA_N
ClientSampleId :
SP5381



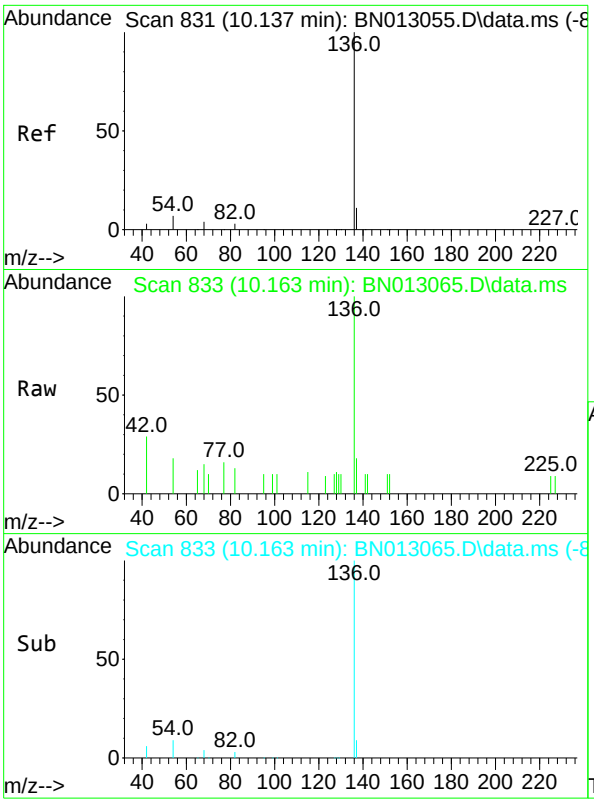
#5
Phenol-d6
Concen: 0.25 ng
RT: 6.589 min Scan# 473
Delta R.T. 0.016 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion: 99 Resp: 636

Ion	Ratio	Lower	Upper
99	100		
42	11.5	22.4	33.6#
71	42.0	37.8	56.6



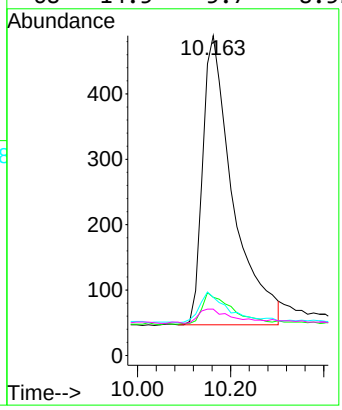
Instrument :
BNA_N
ClientSampleId :
SP5381

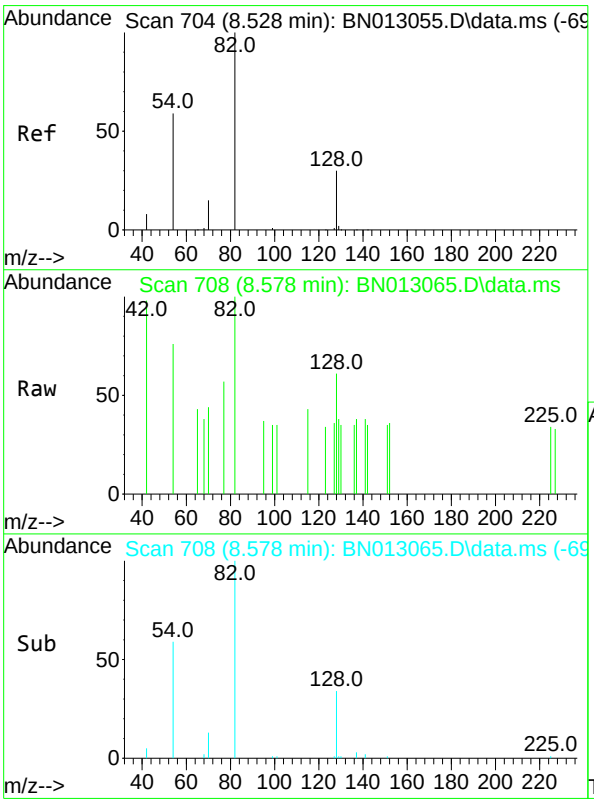


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.163 min Scan# 833
Delta R.T. 0.025 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:136 Resp: 1990

Ion	Ratio	Lower	Upper
136	100		
137	18.2	10.6	15.8#
54	18.2	8.6	12.8#
68	14.5	5.7	8.5#

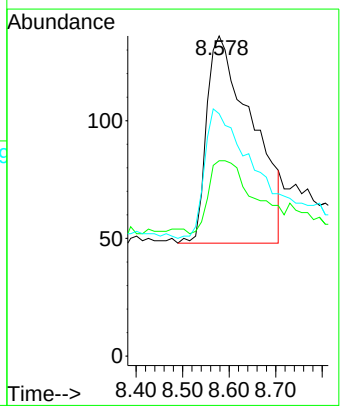




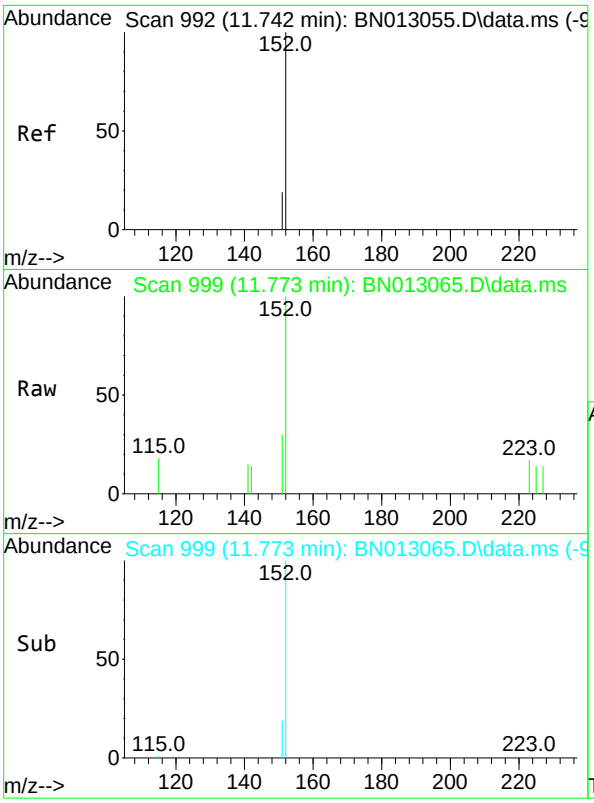
#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.578 min Scan# 708
Delta R.T. 0.050 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion: 82 Resp: 597

Ion	Ratio	Lower	Upper
82	100		
128	61.0	30.6	46.0#
54	75.7	48.3	72.5#



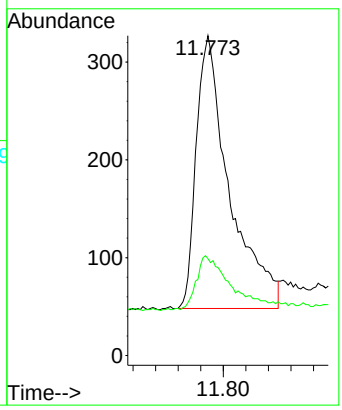
Instrument :
BNA_N
ClientSampleId :
SP5381

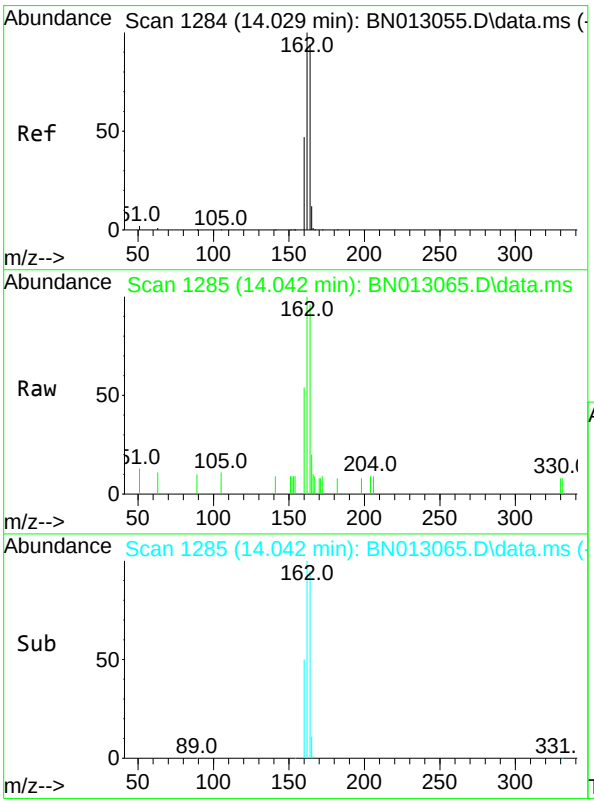


#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.773 min Scan# 999
Delta R.T. 0.031 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:152 Resp: 1139

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.7	25.1

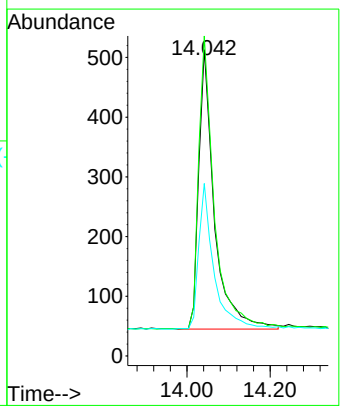


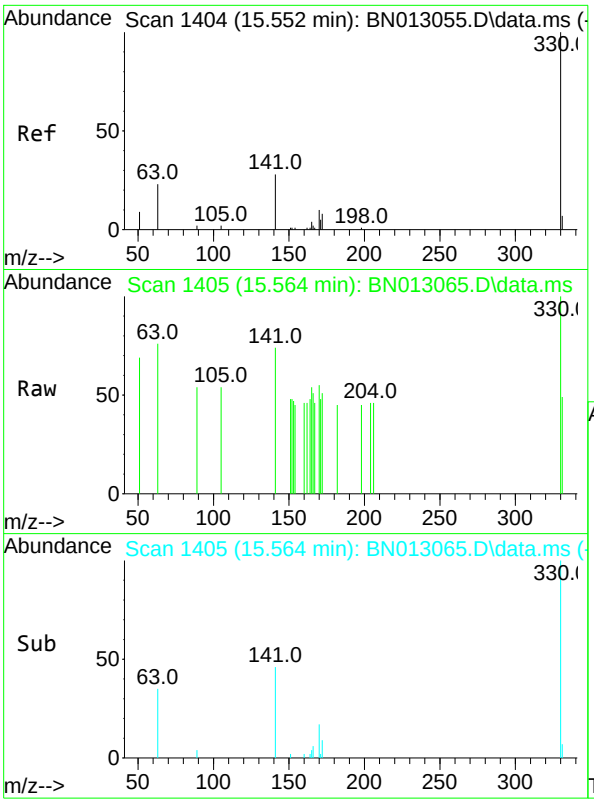


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.042 min Scan# 1285
Delta R.T. 0.013 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:164 Resp: 1222

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.6	120.8
160	56.3	39.5	59.3



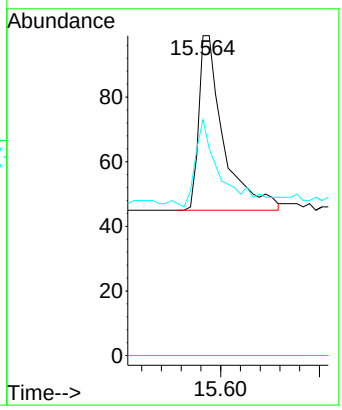


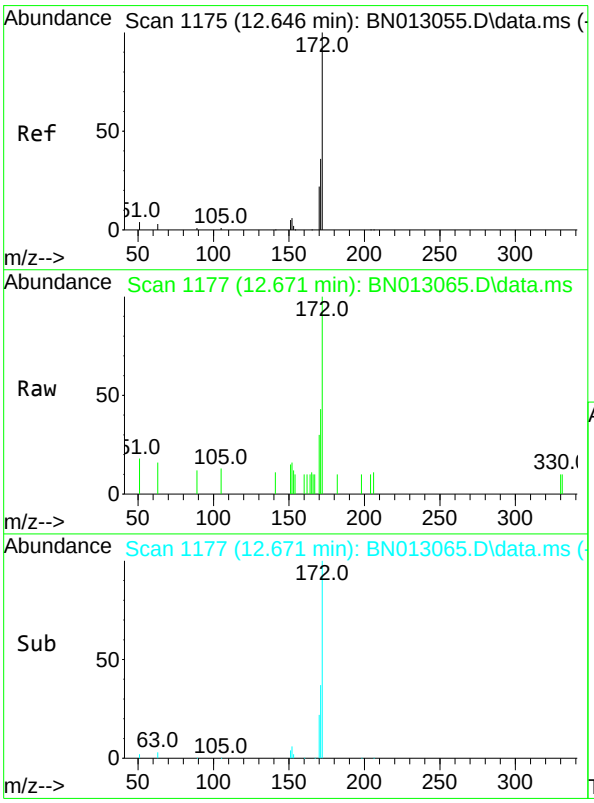
#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.564 min Scan# 1405
Delta R.T. 0.013 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Instrument :
BNA_N
ClientSampleId :
SP5381

Tgt Ion:330 Resp: 187

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.8	34.4	51.6

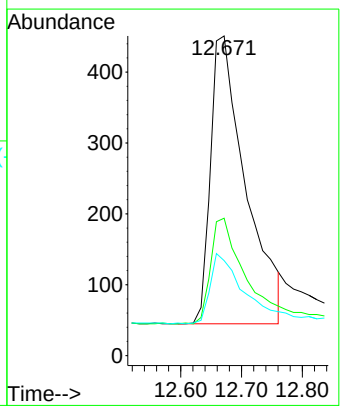




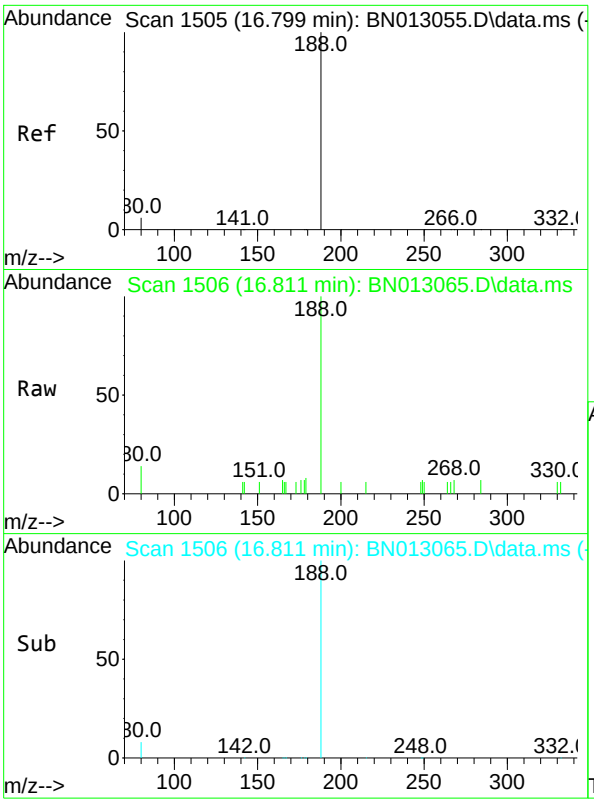
#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.671 min Scan# 1177
Delta R.T. 0.025 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:172 Resp: 1630

Ion	Ratio	Lower	Upper
172	100		
171	43.0	28.2	42.4#
170	29.7	20.0	30.0



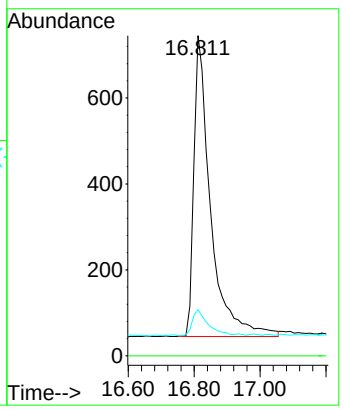
Instrument :
BNA_N
ClientSampleId :
SP5381

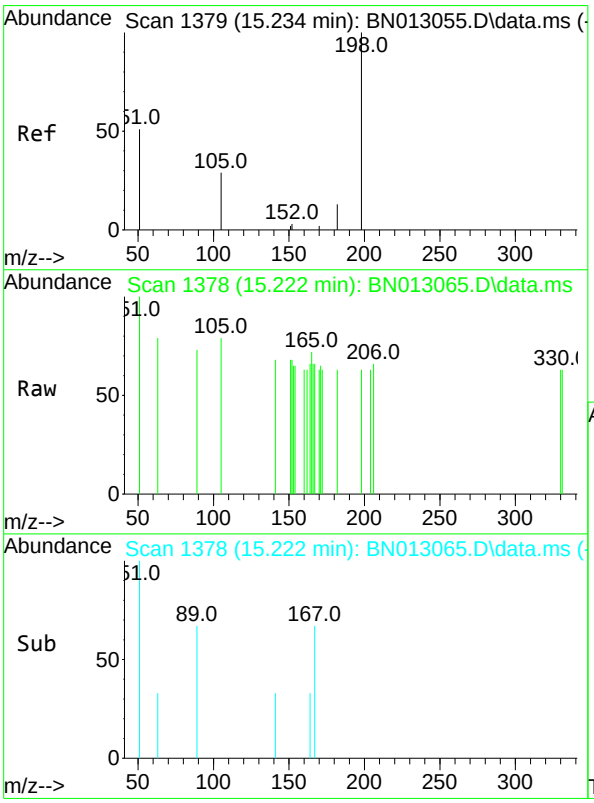


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.811 min Scan# 1506
Delta R.T. 0.012 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:188 Resp: 2459

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

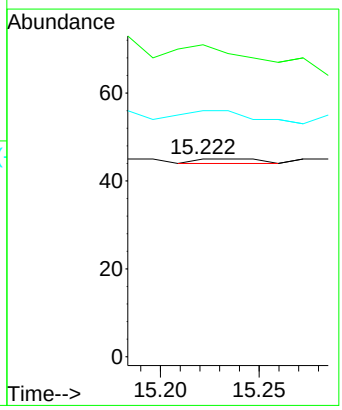




#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.222 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	157.8	43.5	65.3#
105	124.4	27.2	40.8#



Instrument :
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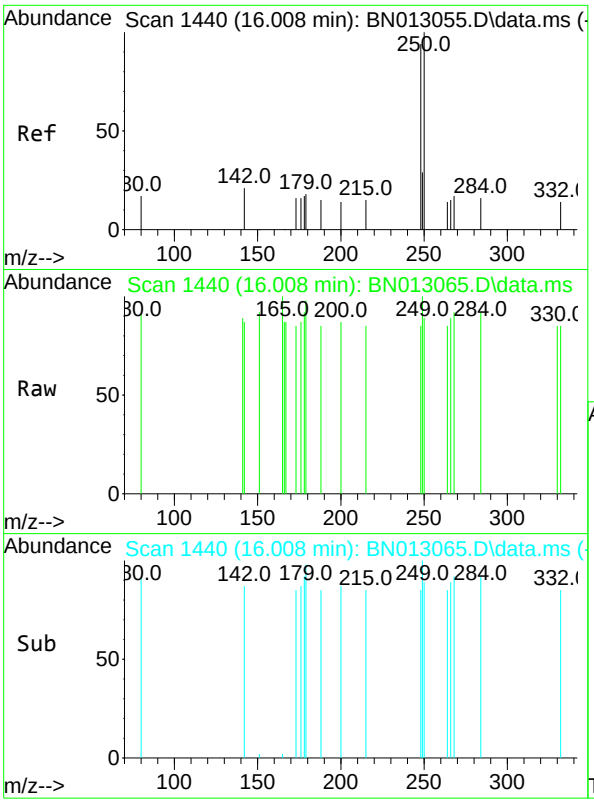
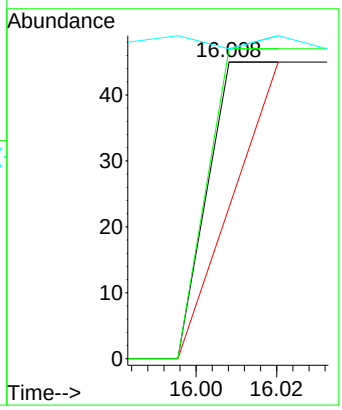
SP5381

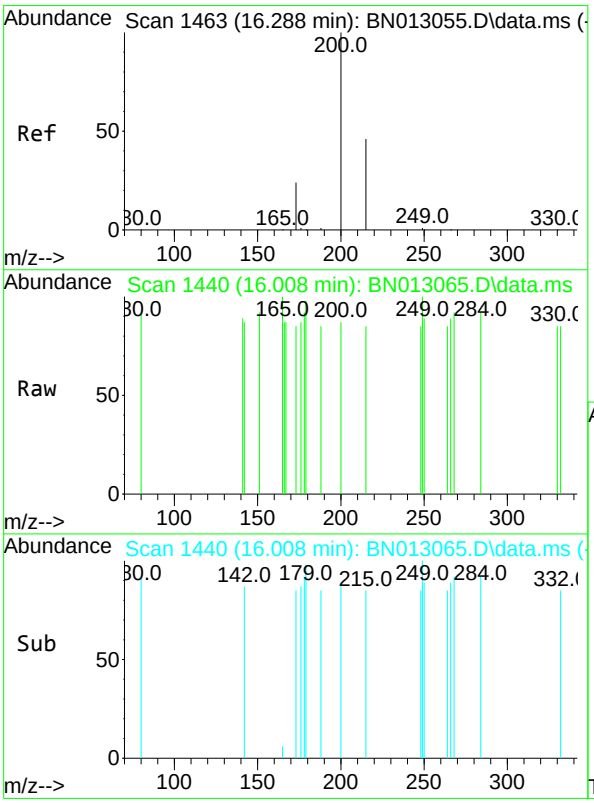


#21
4-Bromophenyl-phenylether
Concen: 0.06 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:248 Resp: 34

Ion	Ratio	Lower	Upper
248	100		
250	104.4	77.3	115.9
141	104.4	57.8	86.8#

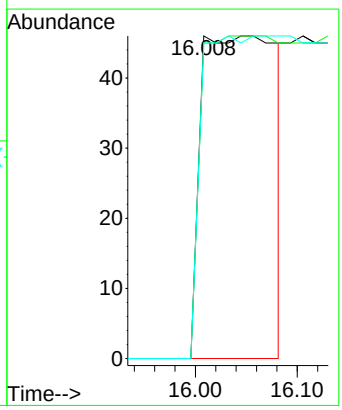




#23
Atrazine
Concen: 0.16 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.280 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:200 Resp: 235

Ion	Ratio	Lower	Upper
200	100		
173	97.8	22.8	34.2#
215	97.8	38.1	57.1#



Instrument :
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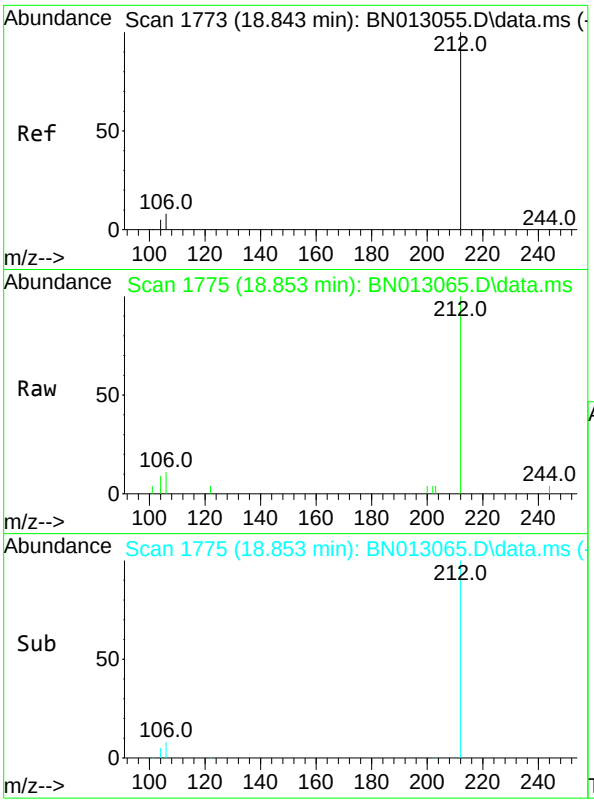
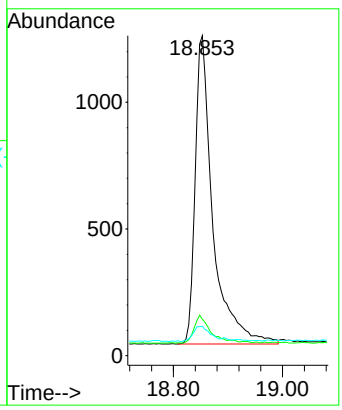
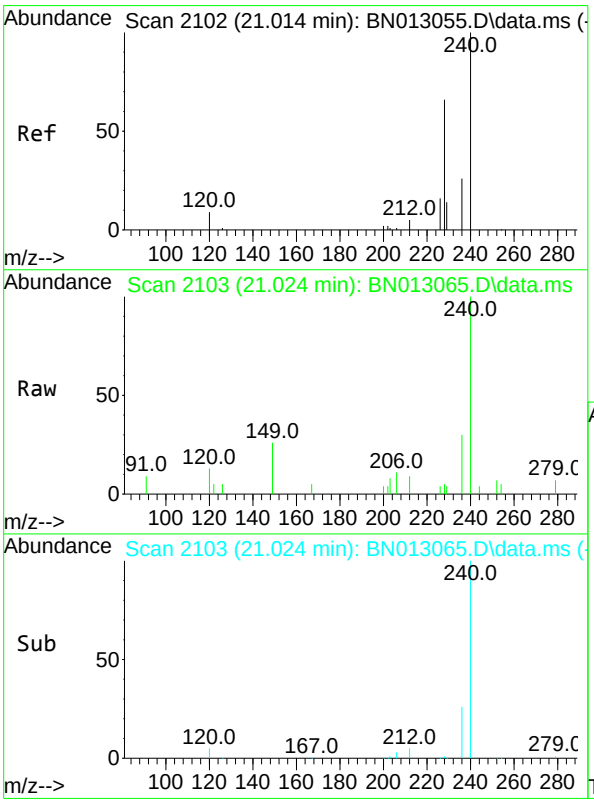


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.853 min Scan# 1775
Delta R.T. 0.010 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:212 Resp: 2739

Ion	Ratio	Lower	Upper
212	100		
106	8.5	6.8	10.2
104	4.9	4.1	6.1

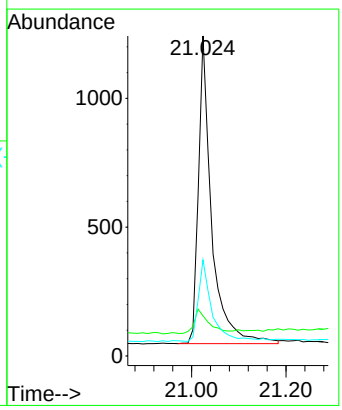




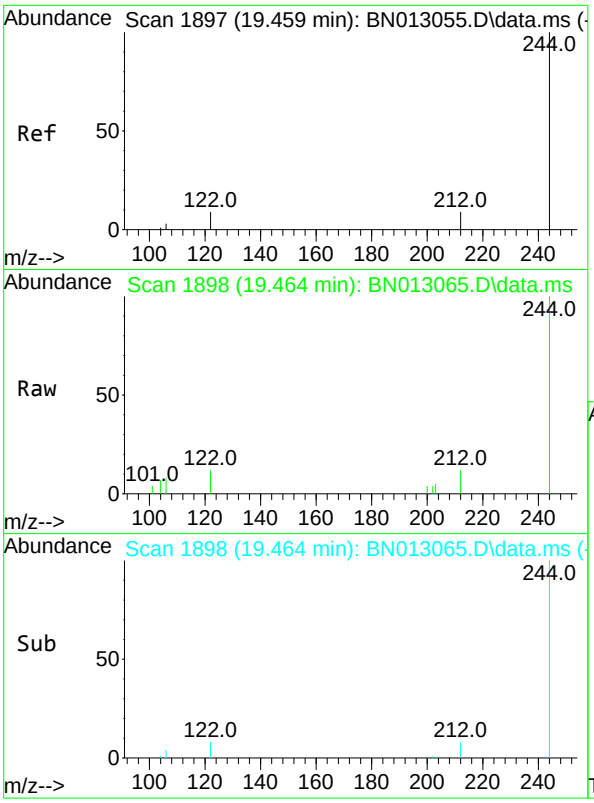
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.024 min Scan# 2103
Delta R.T. 0.010 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:240 Resp: 2317

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.3	7.9#
236	30.0	21.8	32.8



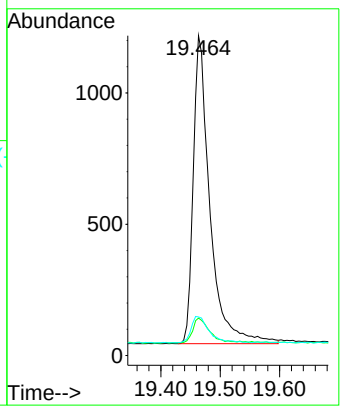
Instrument :
BNA_N
ClientSampleId :
SP5381

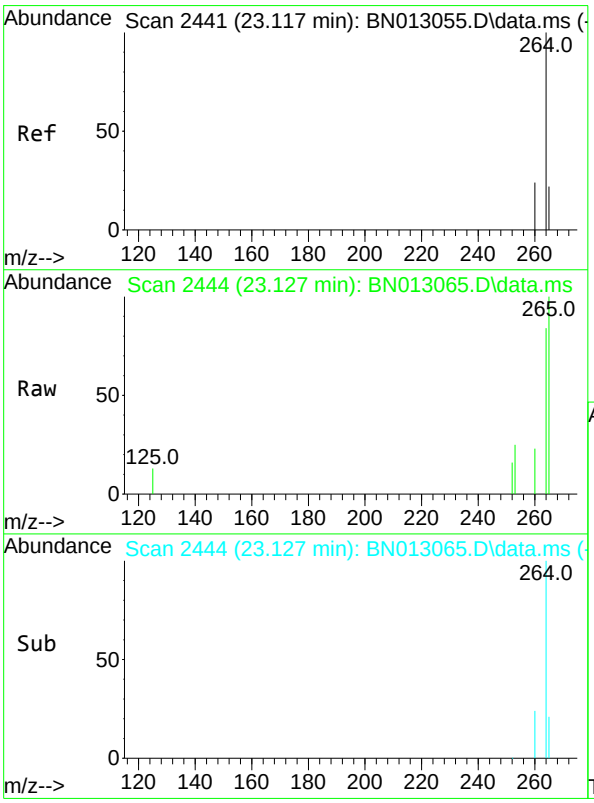


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.464 min Scan# 1898
Delta R.T. 0.005 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:244 Resp: 2287

Ion	Ratio	Lower	Upper
244	100		
212	11.7	7.3	10.9#
122	12.1	7.3	10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.127 min Scan# 2444
Delta R.T. 0.010 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:264 Resp: 2408

Ion	Ratio	Lower	Upper
264	100		
260	27.7	19.8	29.6
265	118.4	51.4	77.0#