Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
Data File : BN013087.D
Acq On : 12 Dec 2020 11:57
Operator : CG/JU
Sample : L4996-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE132D1-20201207

Quant Time: Dec 14 03:06:48 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	7.370	152	878	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2796	0.40	ng	# 0.00
13) Acenaphthene-d10	14.029	164	1752	0.40	ng	0.00
19) Phenanthrene-d10	16.800	188	3721	0.40	ng	# 0.00
29) Chrysene-d12	21.016	240	3902	0.40	ng	# 0.00
36) Perylene-d12	23.113	264	4360	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	325	0.10	ng	0.00
5) Phenol-d6	6.565	99	223	0.06	ng	0.00
8) Nitrobenzene-d5	8.541	82	789	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	11.746	152	1259	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.552	330	260	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	2095	0.27	ng	0.00
27) Fluoranthene-d10	18.841	212	4264	0.34	ng	0.00
31) Terphenyl-d14	19.457	244	3940	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.949	88	4111	2.54	ng	98
20) 4,6-Dinitro-2-methylph...	15.273	198	3	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	102	0.12	ng	# 65
23) Atrazine	16.021	200	138	0.06	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.942	149	1104	0.13	ng	96

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

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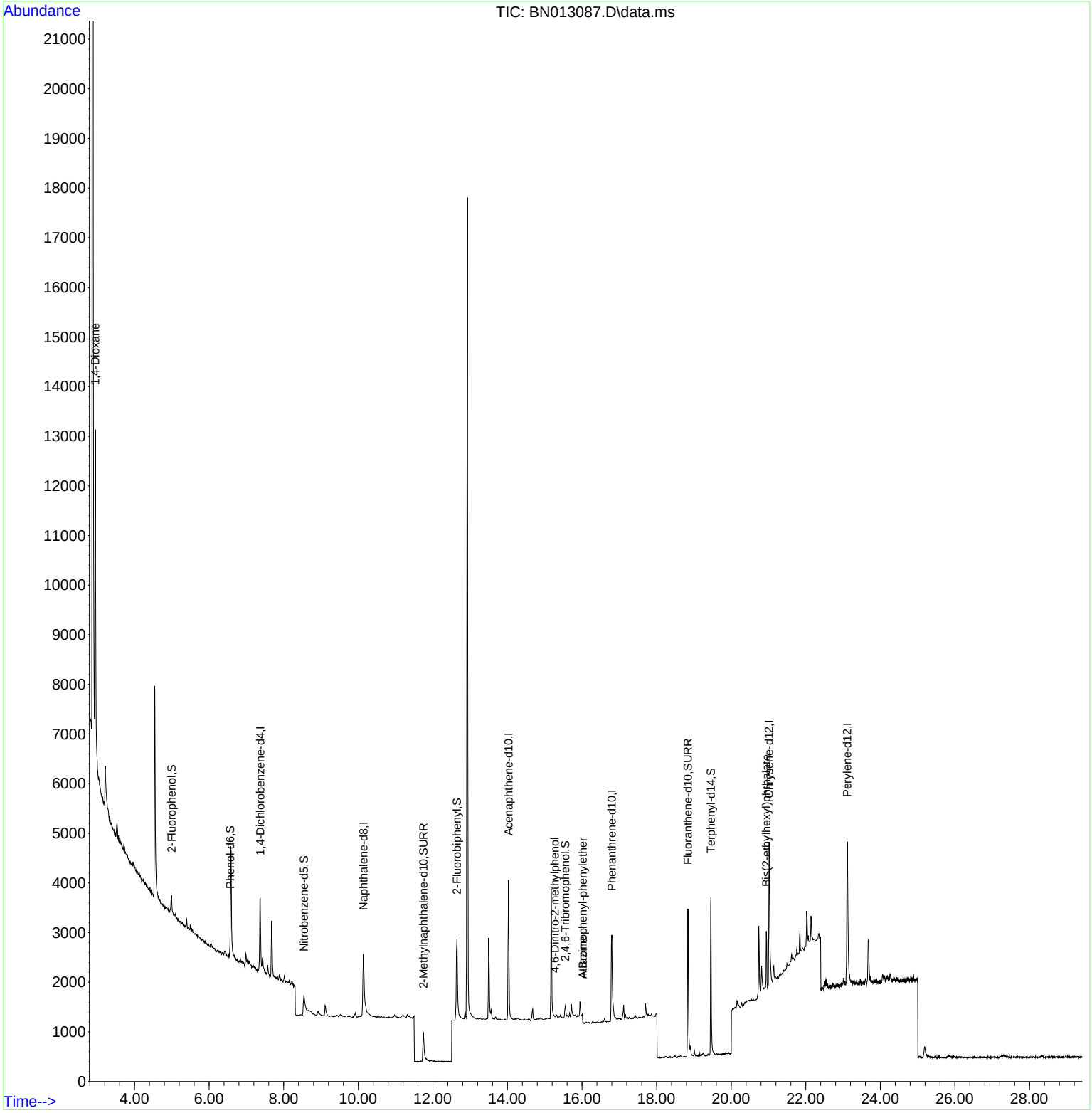
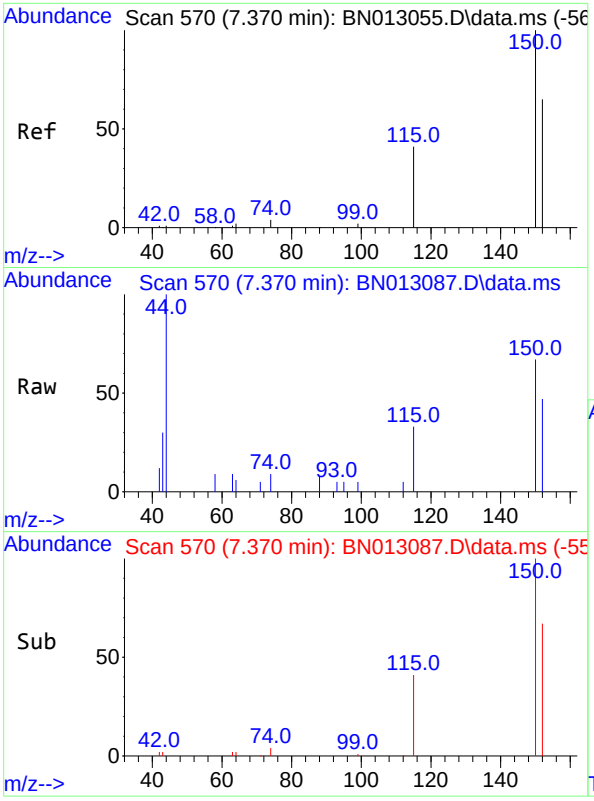
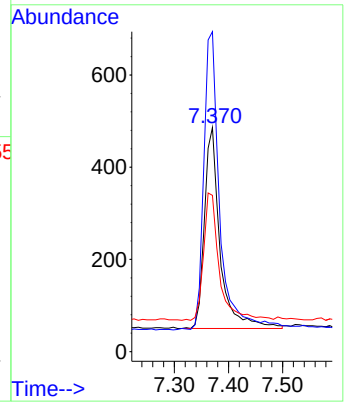




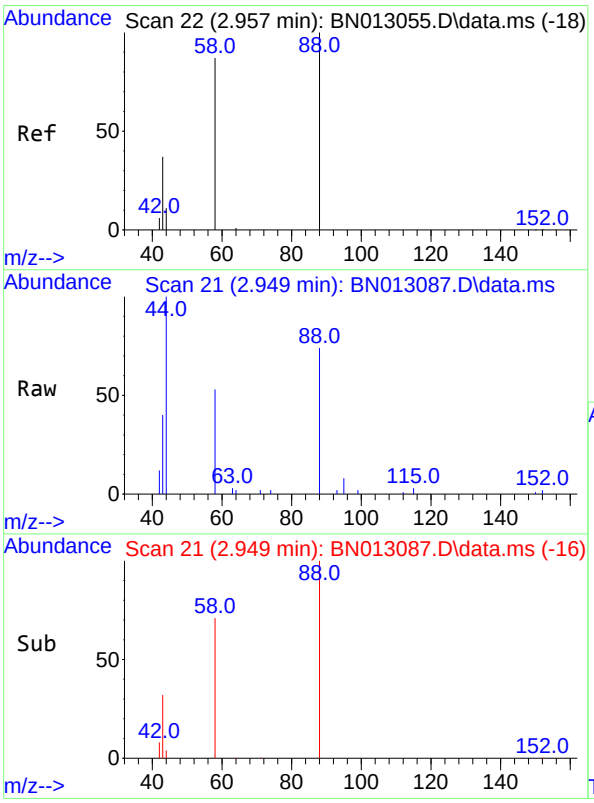
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.370 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:152 Resp: 878

Ion	Ratio	Lower	Upper
152	100		
150	142.8	116.6	174.8
115	69.8	52.9	79.3



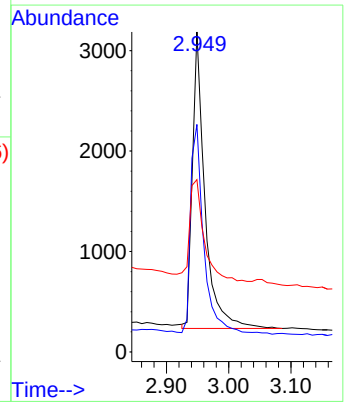
Instrument :
BNA_N
ClientSampleId :
RE132D1-20201207



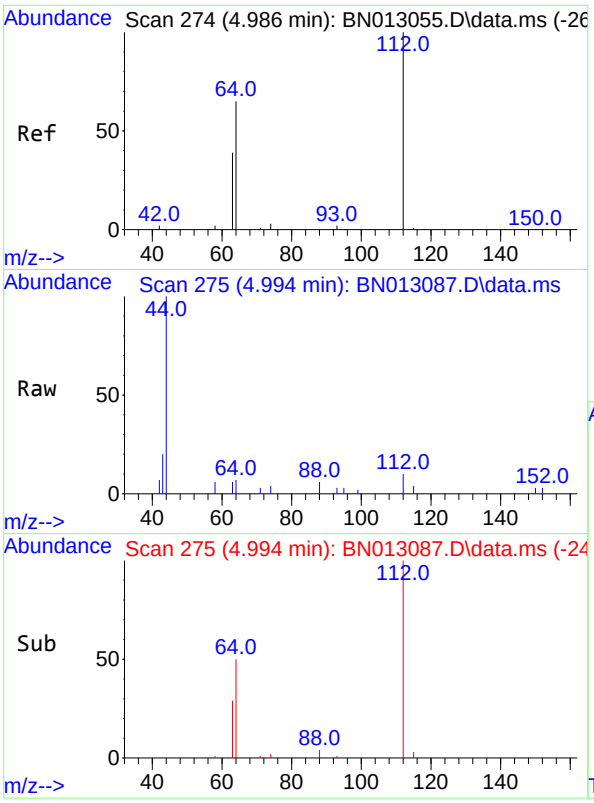
#2
1,4-Dioxane
Concen: 2.54 ng
RT: 2.949 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion: 88 Resp: 4111

Ion	Ratio	Lower	Upper
88	100		
58	75.8	59.4	89.2
43	38.9	32.3	48.5



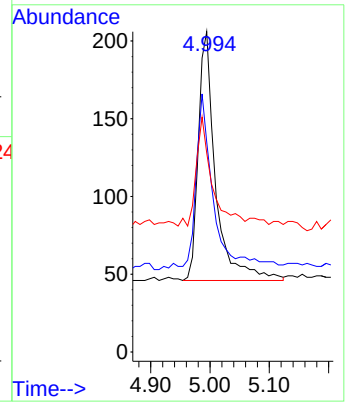
Instrument :
BNA_N
ClientSampleId :
RE132D1-20201207

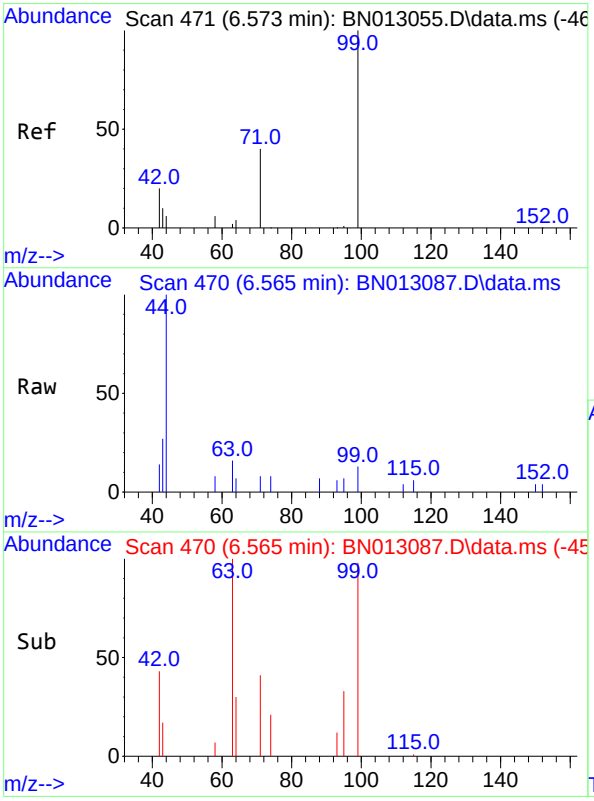


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:112 Resp: 325

Ion	Ratio	Lower	Upper
112	100		
64	73.5	49.5	74.3
63	39.7	32.0	48.0

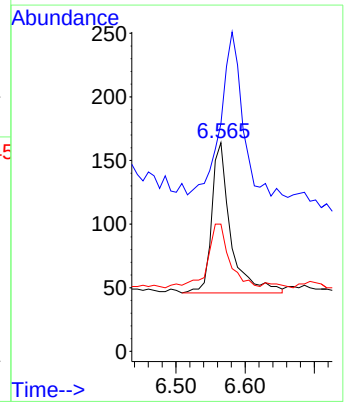




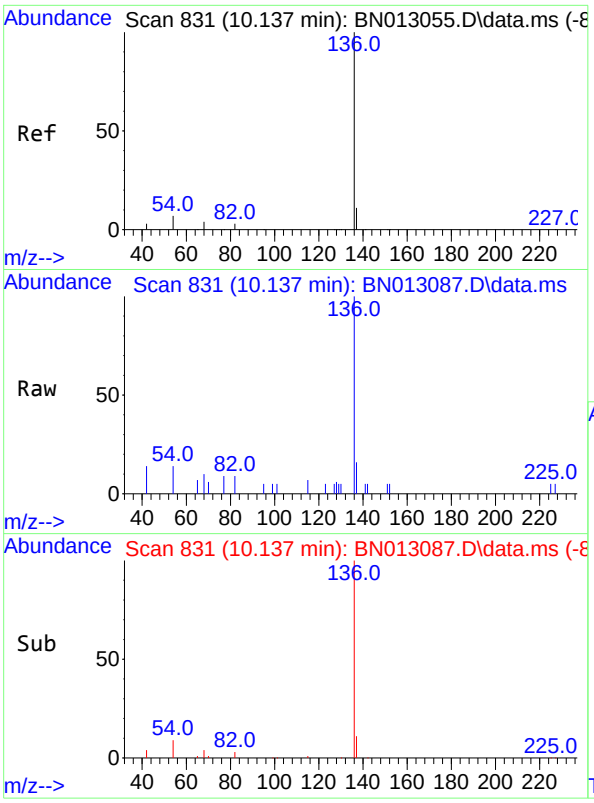
#5
Phenol-d6
Concen: 0.06 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion: 99 Resp: 223

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	45.7	37.8	56.6



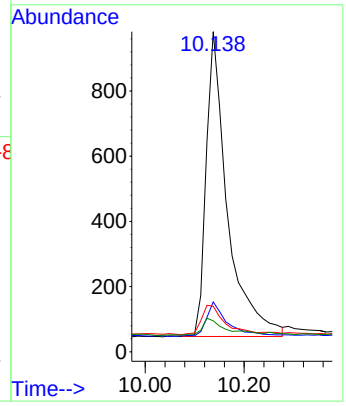
Instrument :
BNA_N
ClientSampleId :
RE132D1-20201207

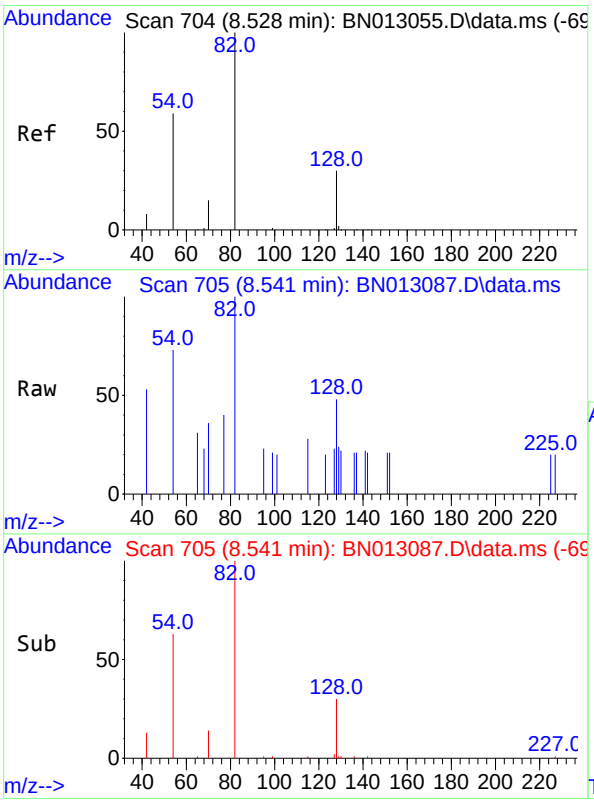


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:136 Resp: 2796

Ion	Ratio	Lower	Upper
136	100		
137	15.6	10.6	15.8
54	14.3	8.6	12.8#
68	9.7	5.7	8.5#

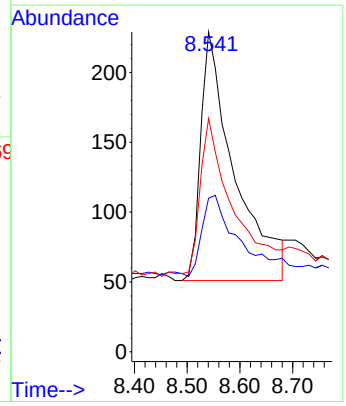




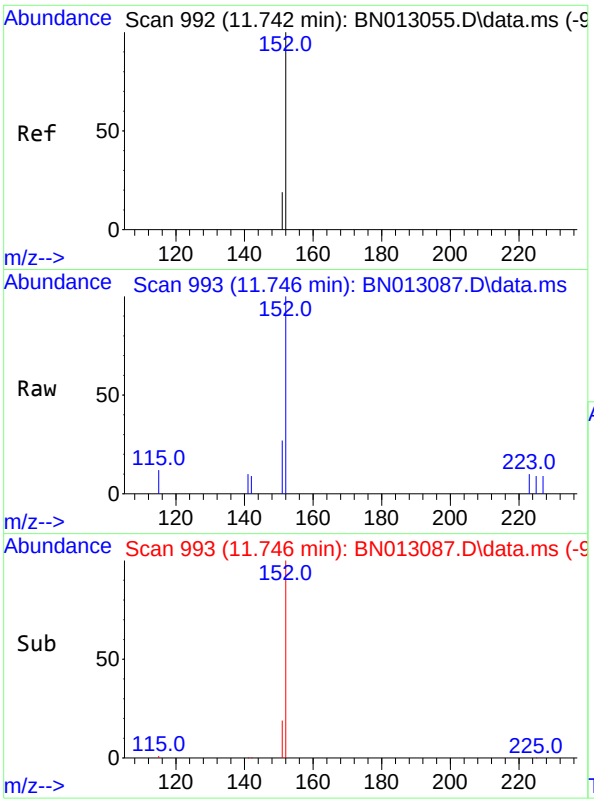
#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion: 82 Resp: 789

Ion	Ratio	Lower	Upper
82	100		
128	48.0	30.6	46.0#
54	72.9	48.3	72.5#



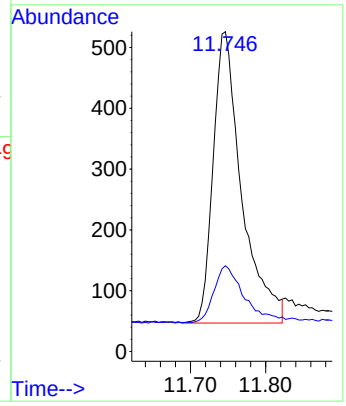
Instrument :
BNA_N
ClientSampleId :
RE132D1-20201207

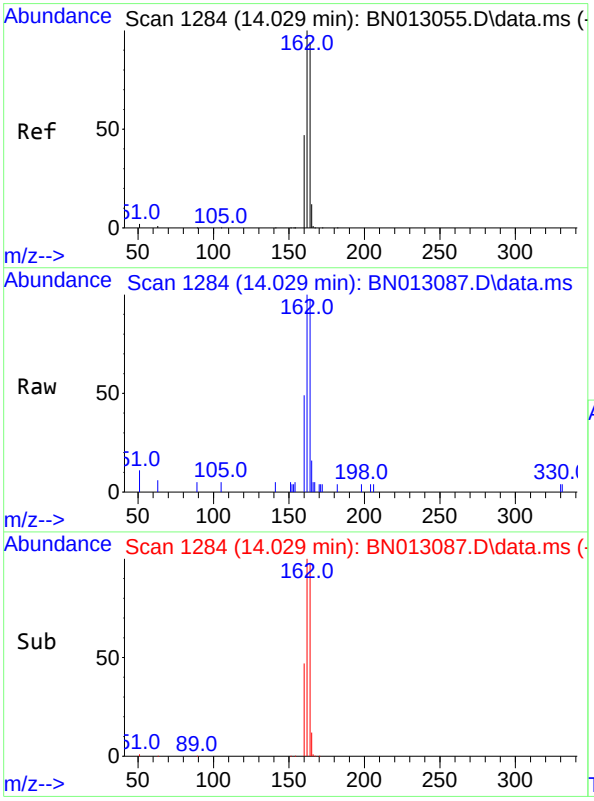


#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.005 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:152 Resp: 1259

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

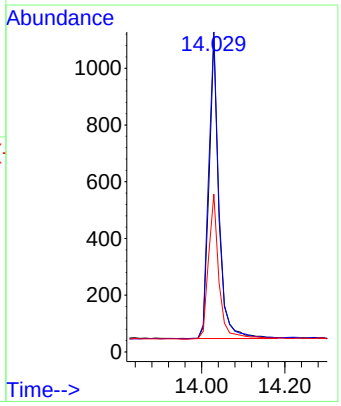




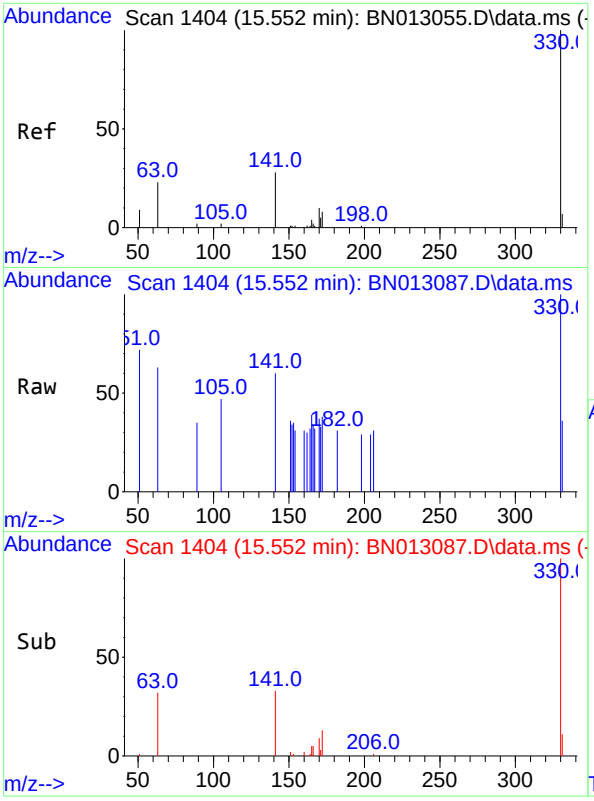
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:164 Resp: 1752

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	50.2	39.5	59.3



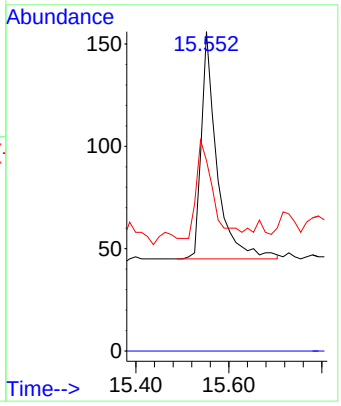
Instrument :
BNA_N
ClientSampleId :
RE132D1-20201207

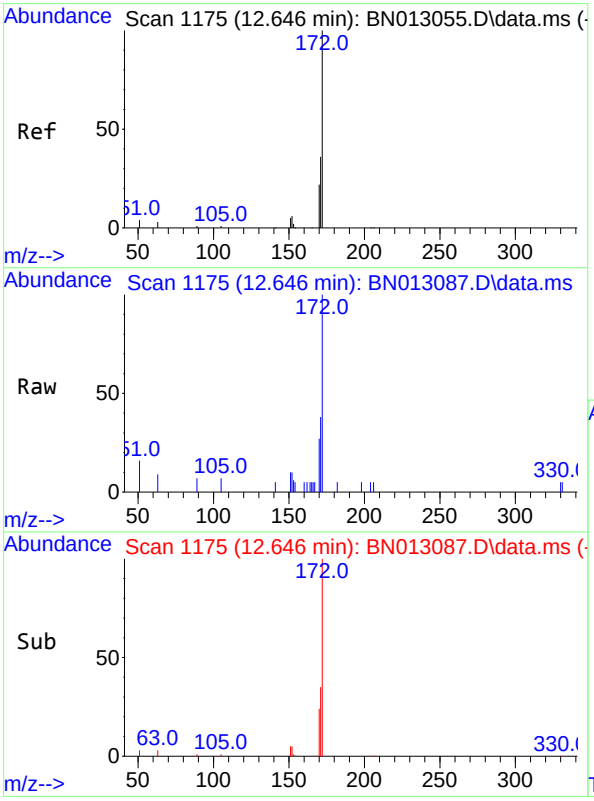


#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:330 Resp: 260

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.4	34.4	51.6

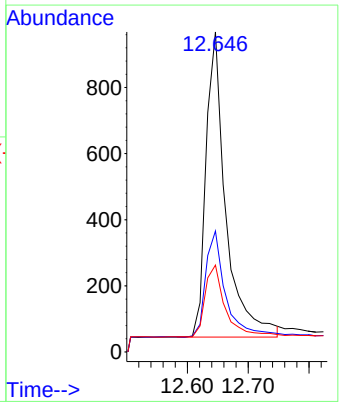




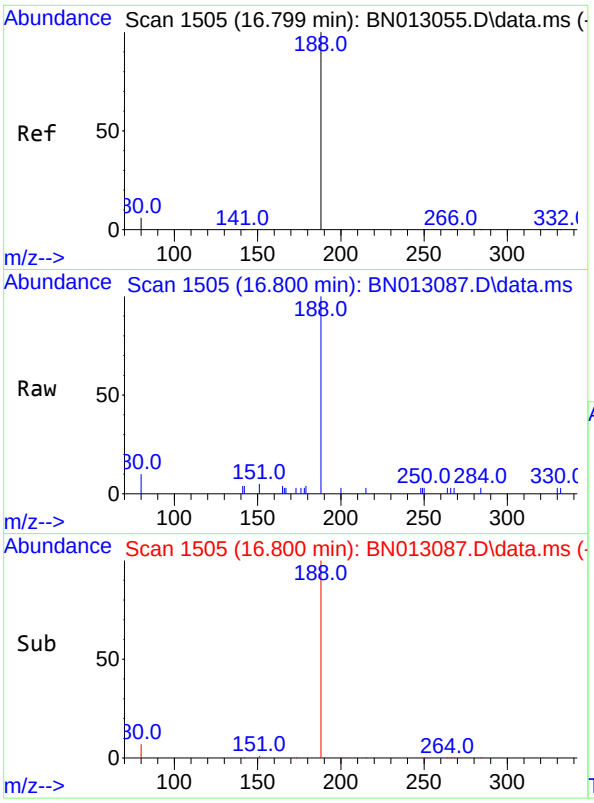
#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:172 Resp: 2095

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.2	42.4
170	27.2	20.0	30.0



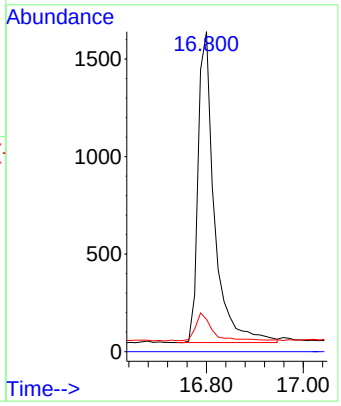
Instrument :
BNA_N
ClientSampleId :
RE132D1-20201207

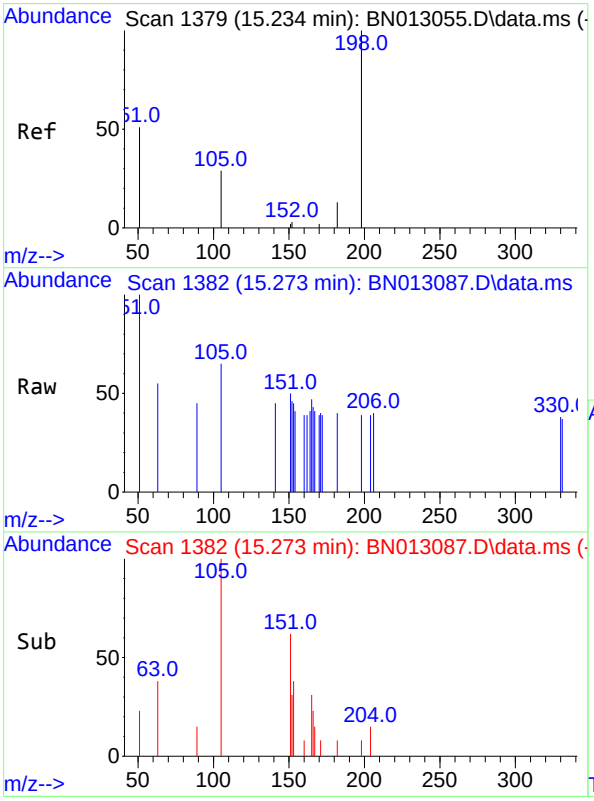


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:188 Resp: 3721

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	5.0	7.4#

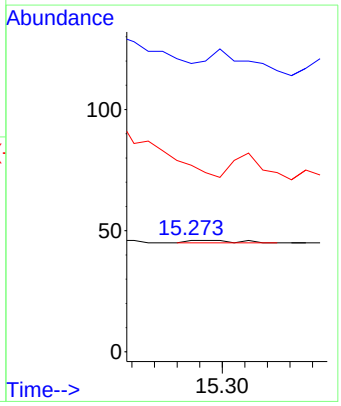




#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.273 min Scan# 1382
Delta R.T. 0.039 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:198 Resp: 3

Ion	Ratio	Lower	Upper
198	100		
51	258.7	43.5	65.3#
105	167.4	27.2	40.8#



Instrument :
BNA_N
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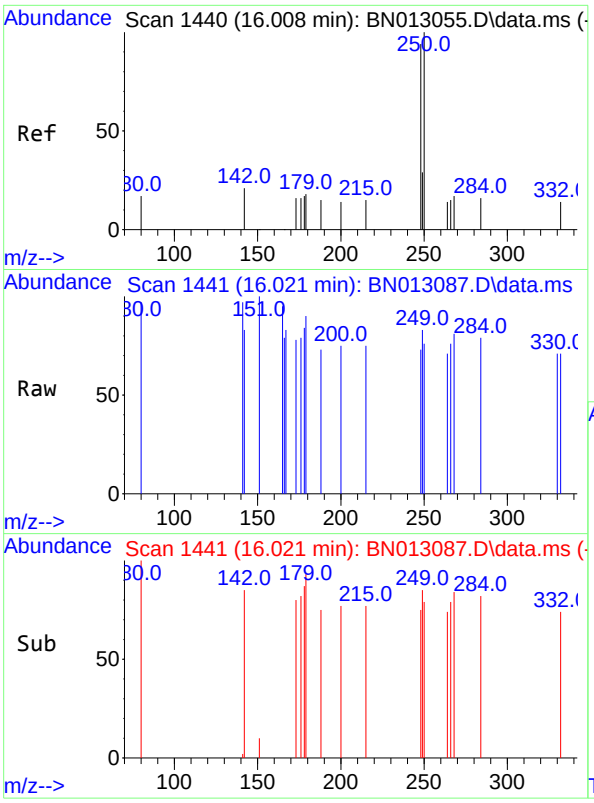
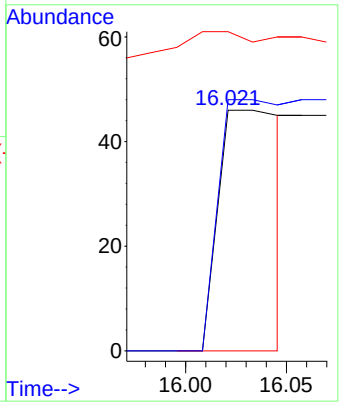
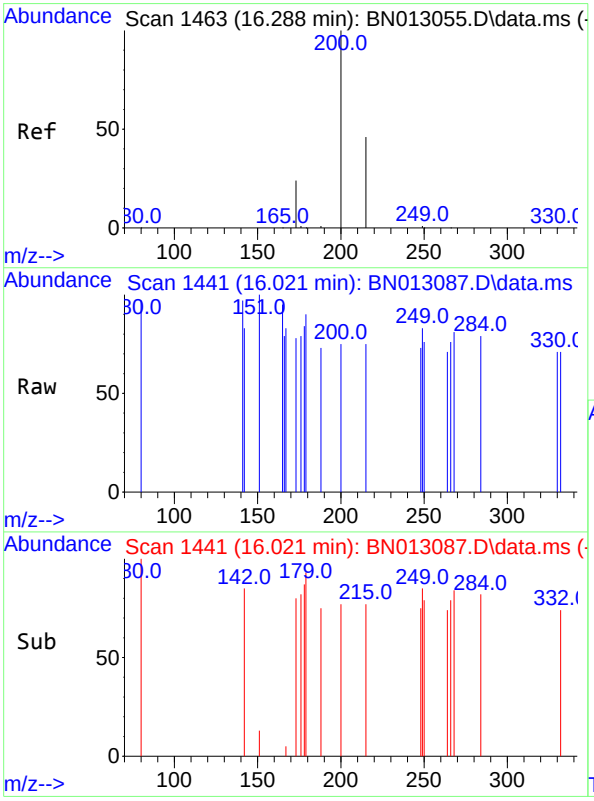


#21
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.013 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:248 Resp: 102

Ion	Ratio	Lower	Upper
248	100		
250	104.3	77.3	115.9
141	132.6	57.8	86.8#

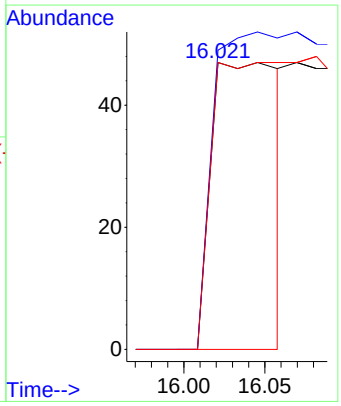




#23
Atrazine
Concen: 0.06 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.267 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:200 Resp: 138

Ion	Ratio	Lower	Upper
200	100		
173	104.3	22.8	34.2#
215	100.0	38.1	57.1#



Instrument :
BNA_N
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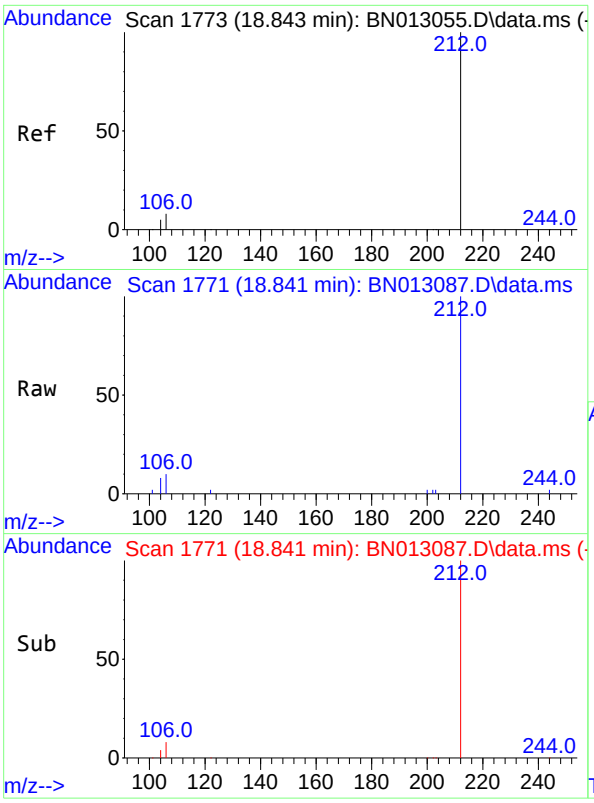
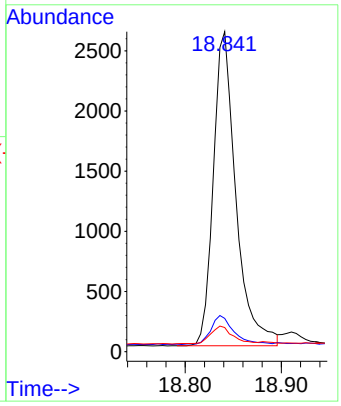
RE132D1-20201207

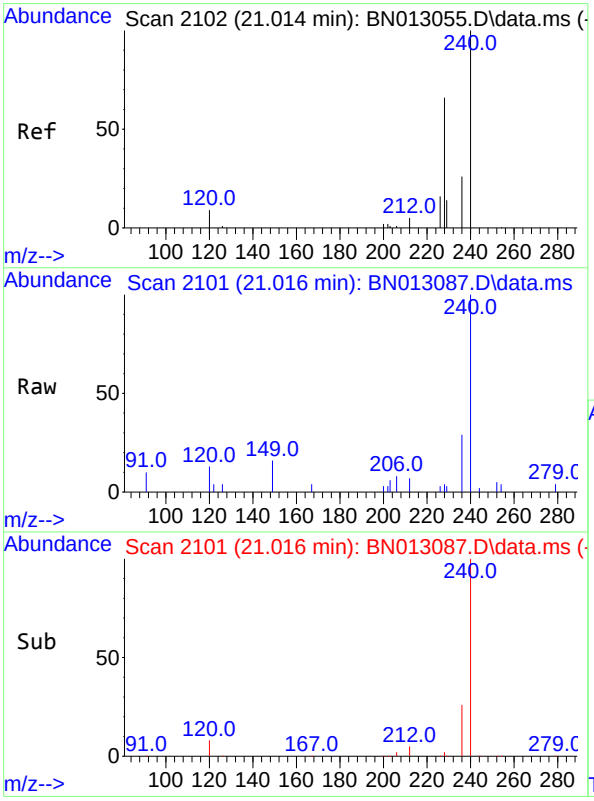


#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.841 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:212 Resp: 4264

Ion	Ratio	Lower	Upper
212	100		
106	9.3	6.8	10.2
104	5.7	4.1	6.1

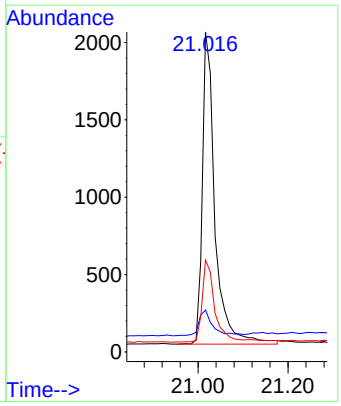


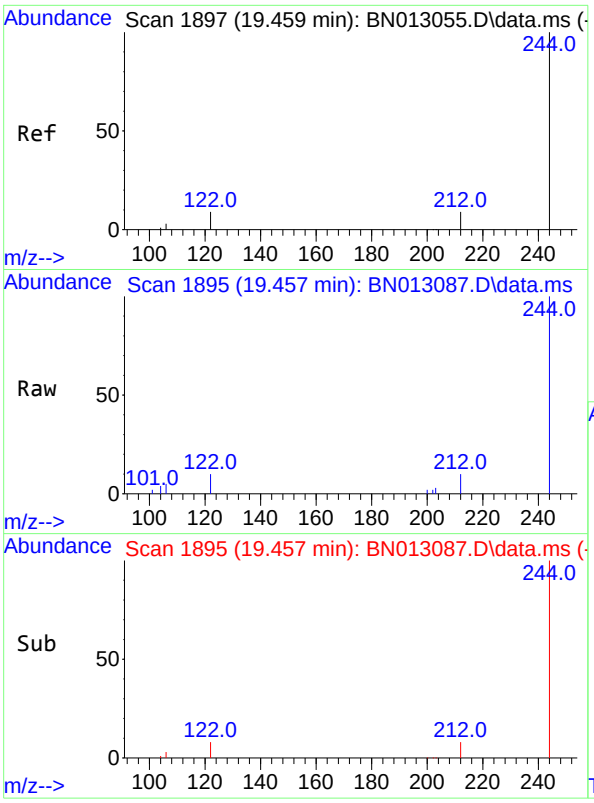


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.003 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:240 Resp: 3902

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.3	7.9#
236	28.8	21.8	32.8

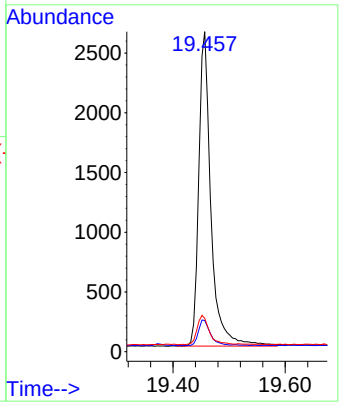




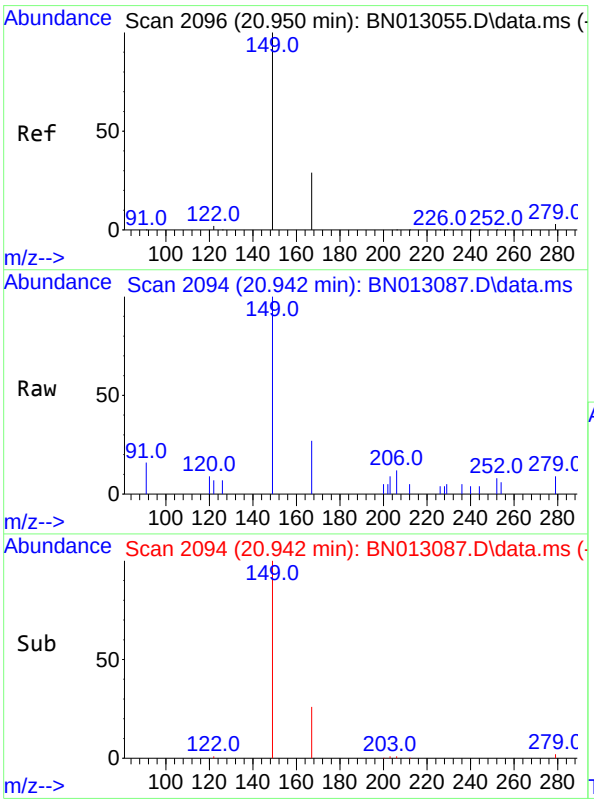
#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.457 min Scan# 1895
Delta R.T. -0.002 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:244 Resp: 3940

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.5	7.3	10.9



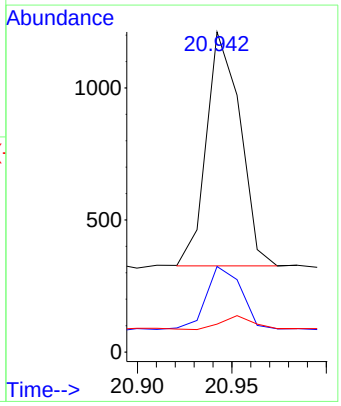
Instrument :
BNA_N
ClientSampleId :
RE132D1-20201207

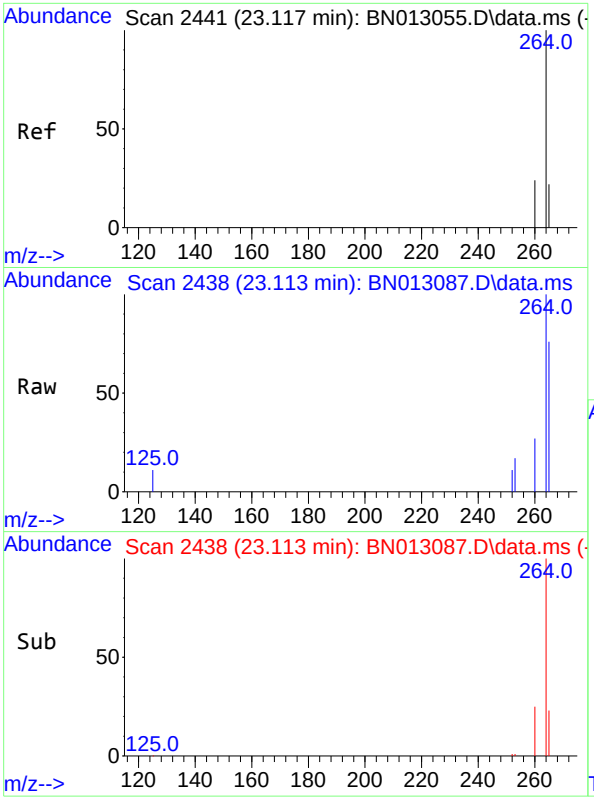


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 20.942 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:149 Resp: 1104

Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.2	34.8
279	5.7	3.9	5.9

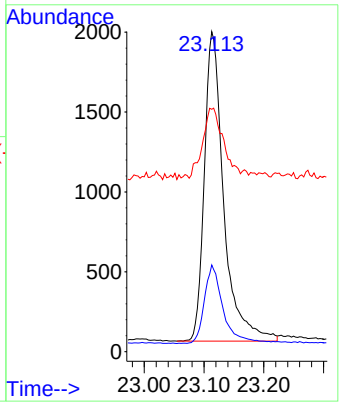




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.113 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BN013087.D
Acq: 12 Dec 2020 11:57

Tgt Ion:264 Resp: 4360

Ion	Ratio	Lower	Upper
264	100		
260	27.1	19.8	29.6
265	75.7	51.4	77.0



Instrument :
BNA_N
ClientSampleId :
RE132D1-20201207