Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019050.D
Acq On : 22 Mar 2022 08:52
Operator : CG/JU
Sample : N2000-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 22 09:19:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5964	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	14242	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	7300	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	12000	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9601	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	8844	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1646	0.123	ng	0.00
5) Phenol-d6	7.017	99	802	0.057	ng	0.00
8) Nitrobenzene-d5	9.014	82	2317	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	5379	0.228	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	574	0.163	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7772	0.266	ng	-0.01
27) Fluoranthene-d10	19.261	212	12445	0.349	ng	0.00
31) Terphenyl-d14	19.860	244	9181	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	26802	3.636	ng	97
20) 4,6-Dinitro-2-methylph...	15.650	198	2	0.110	ng	# 1
25) Phenanthrene	17.277	178	918	0.024	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.333	149	1329	0.068	ng	# 96

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

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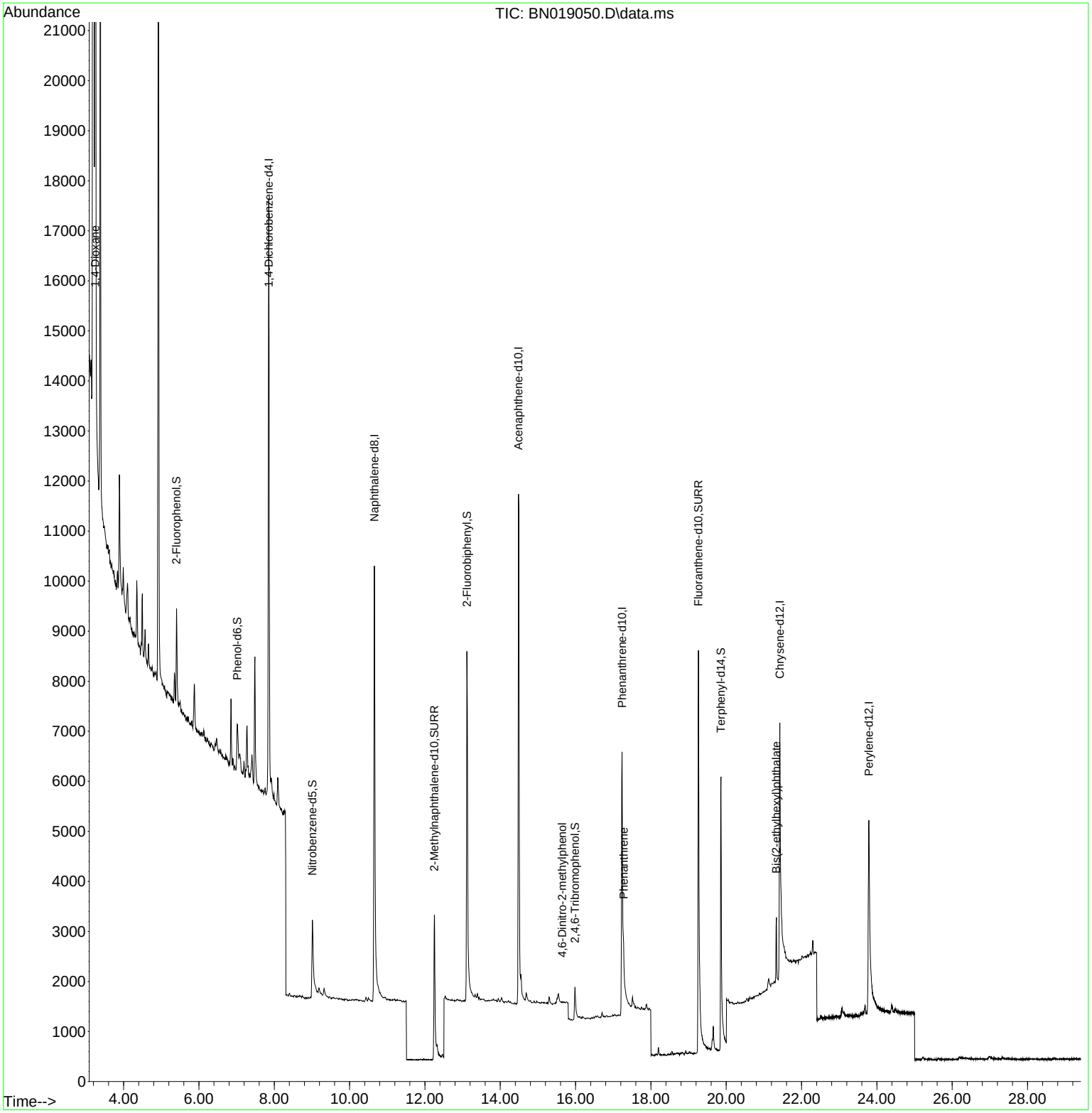
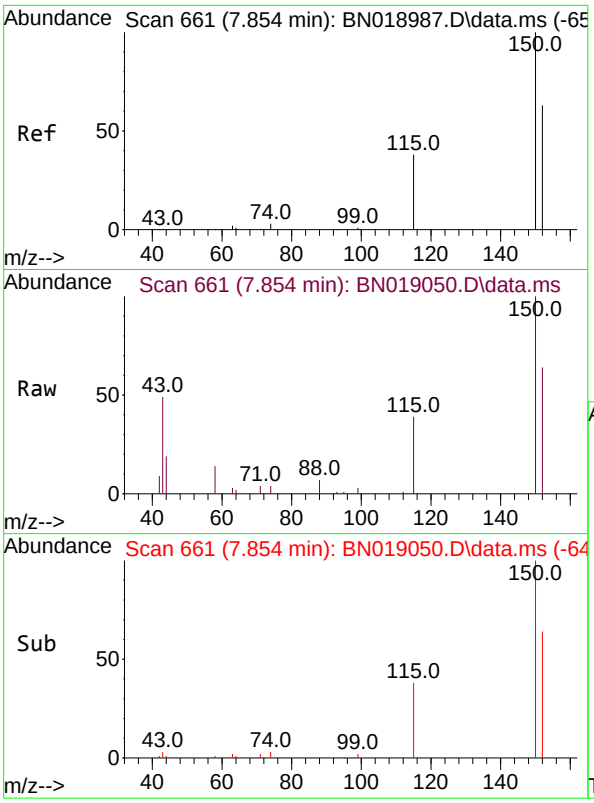


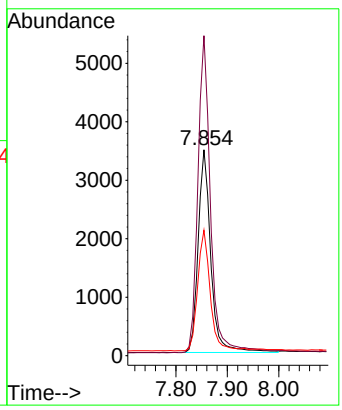


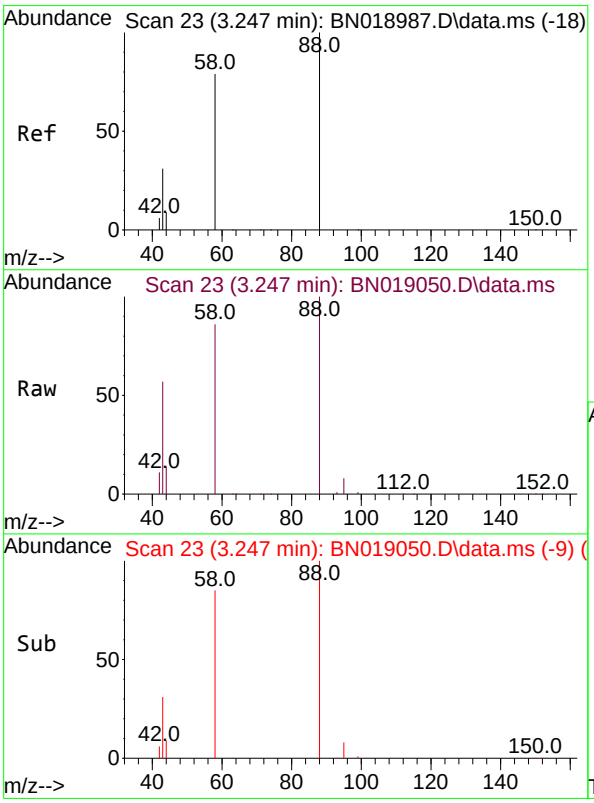
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5964

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.9	185.9
115	60.9	48.2	72.4

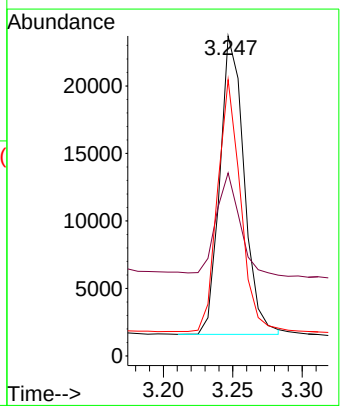


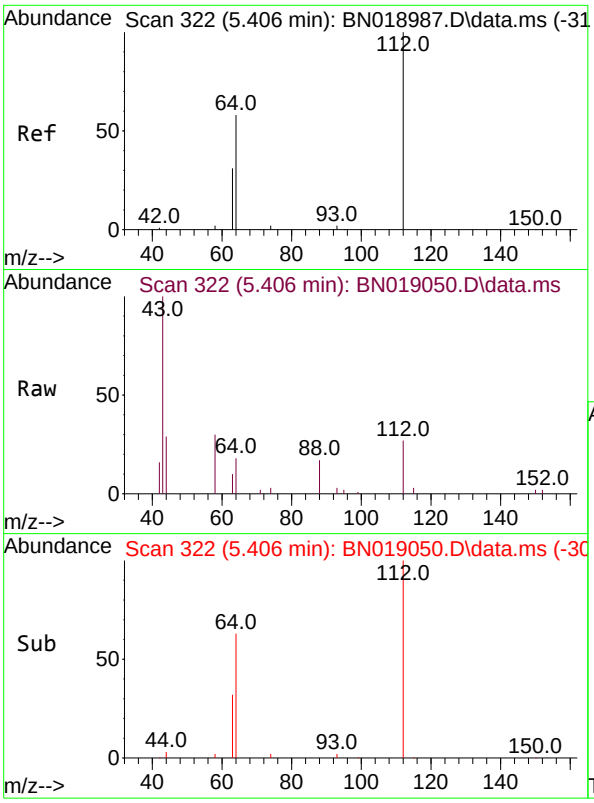


#2
1,4-Dioxane
Concen: 3.636 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion: 88 Resp: 26802

Ion	Ratio	Lower	Upper
88	100		
43	33.3	24.6	37.0
58	79.8	65.4	98.2



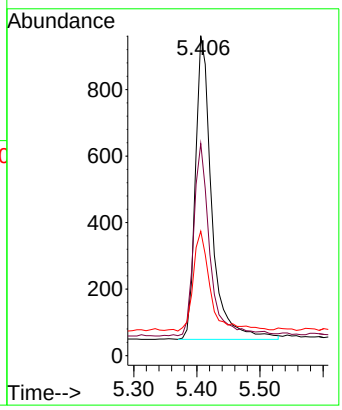


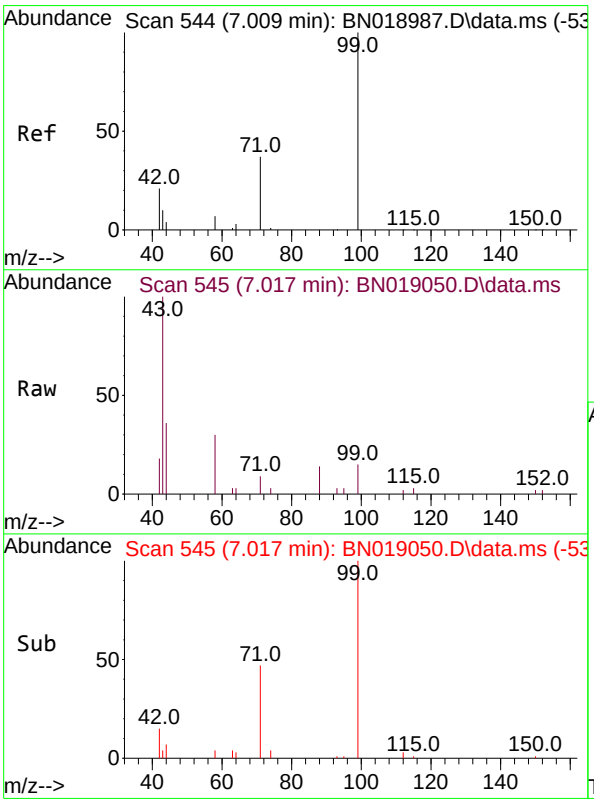
#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.406 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1646

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.8	71.8
63	33.4	25.7	38.5

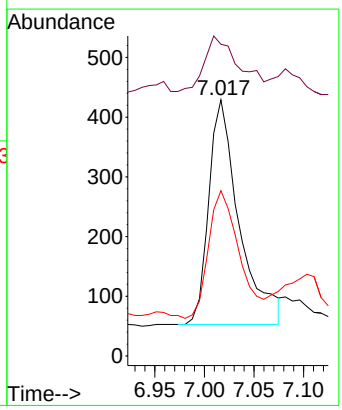


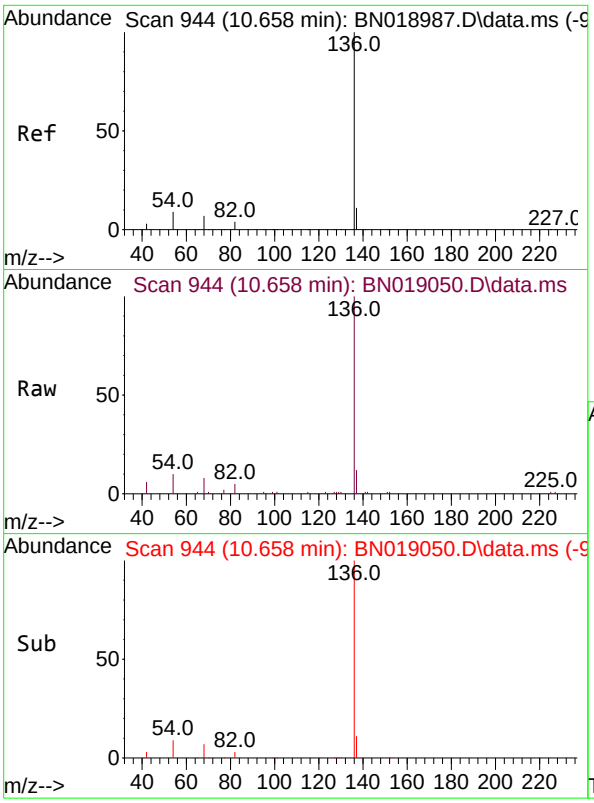


#5
Phenol-d6
Concen: 0.057 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion: 99 Resp: 802

Ion	Ratio	Lower	Upper
99	100		
42	27.6	16.2	24.4#
71	57.5	27.7	41.5#



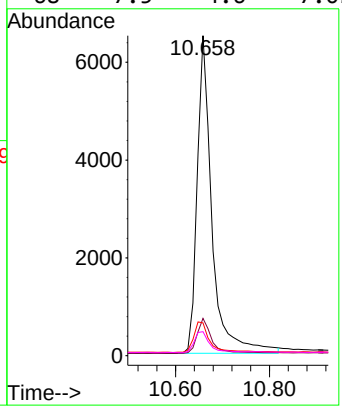


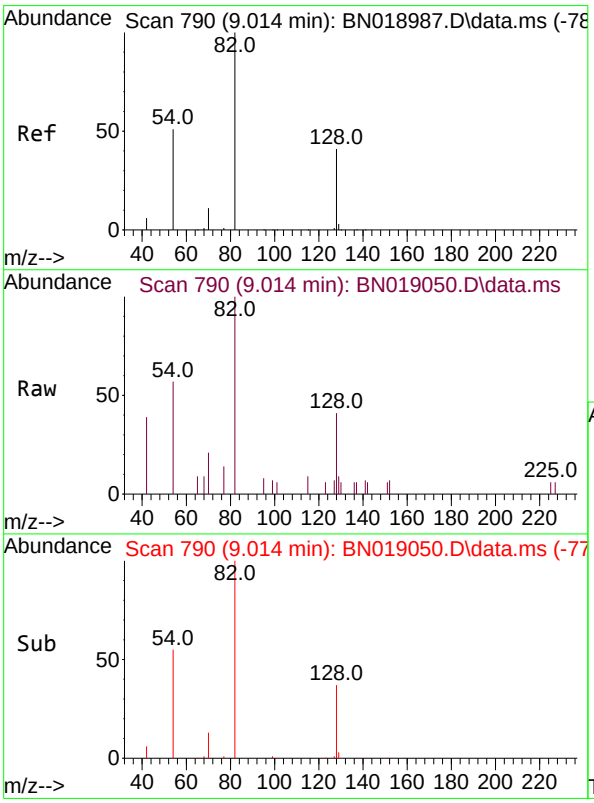
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 14242

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	10.3	5.8	8.6#
68	7.5	4.6	7.0#

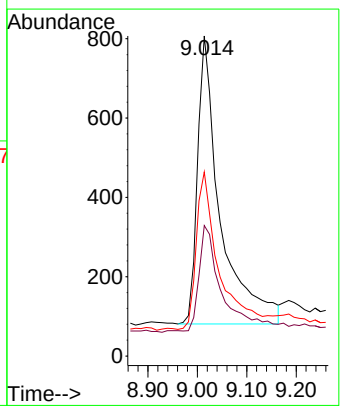


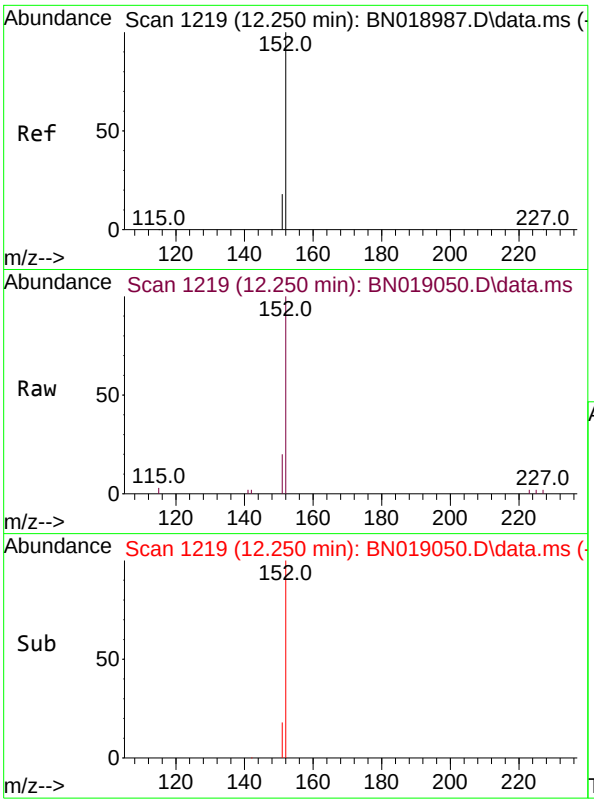


#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion: 82 Resp: 2317

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.6
54	57.5	42.5	63.7



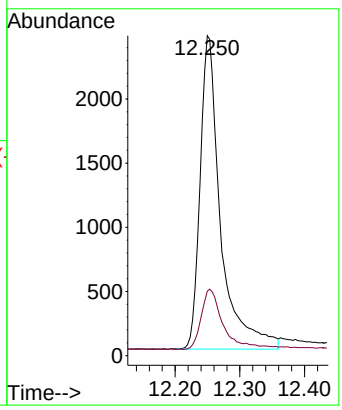


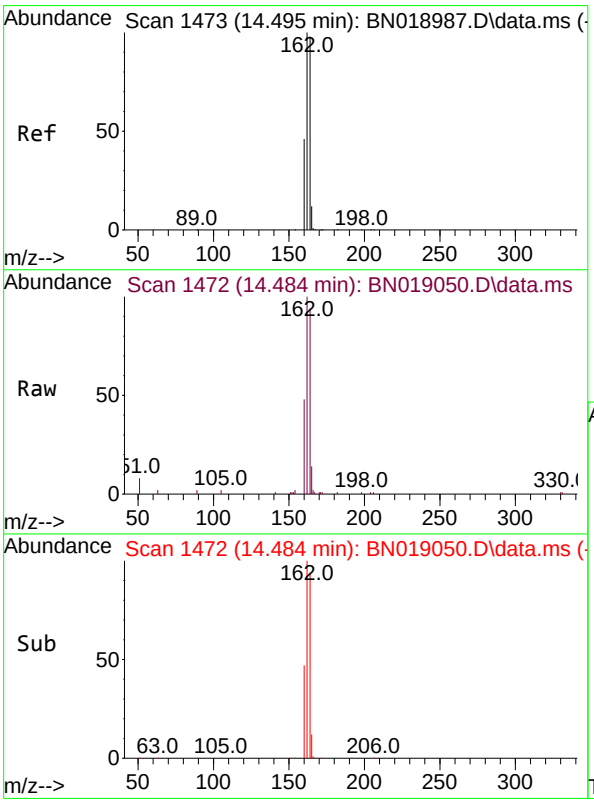
#11
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 12.250 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5379

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.5	24.7

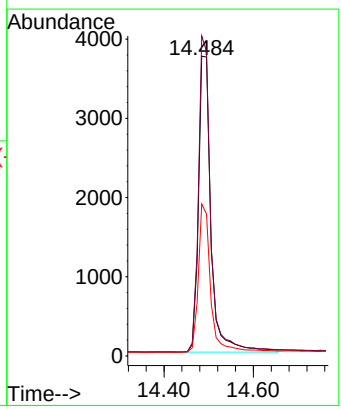


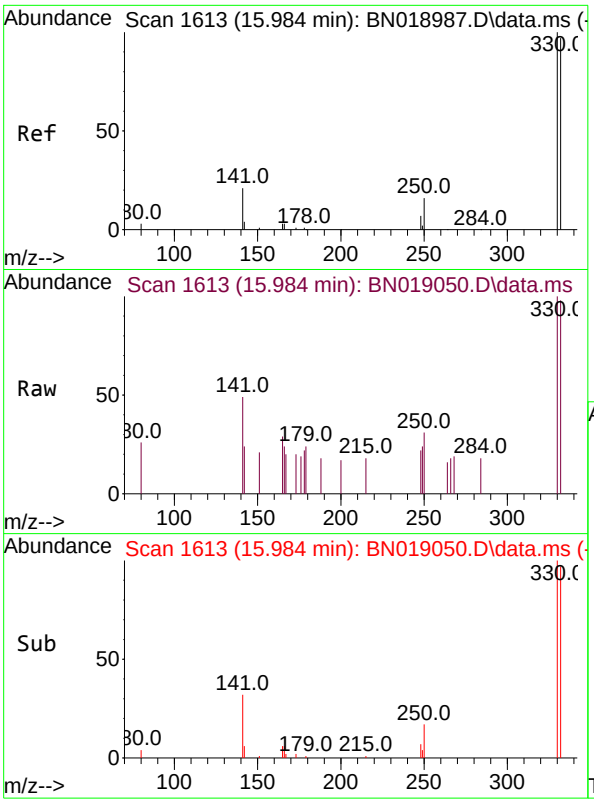


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:164 Resp: 7300

Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.2	127.8
160	50.7	41.5	62.3



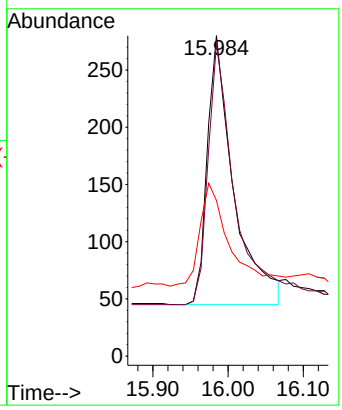


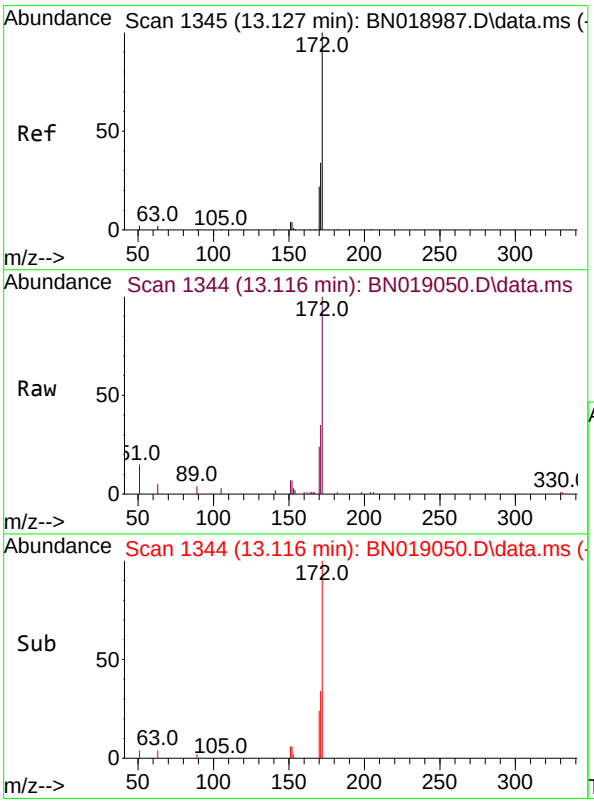
#14
2,4,6-Tribromophenol
Concen: 0.163 ng
RT: 15.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 574

Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.8	115.2
141	43.6	32.2	48.2

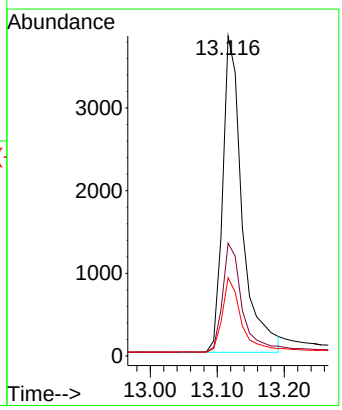


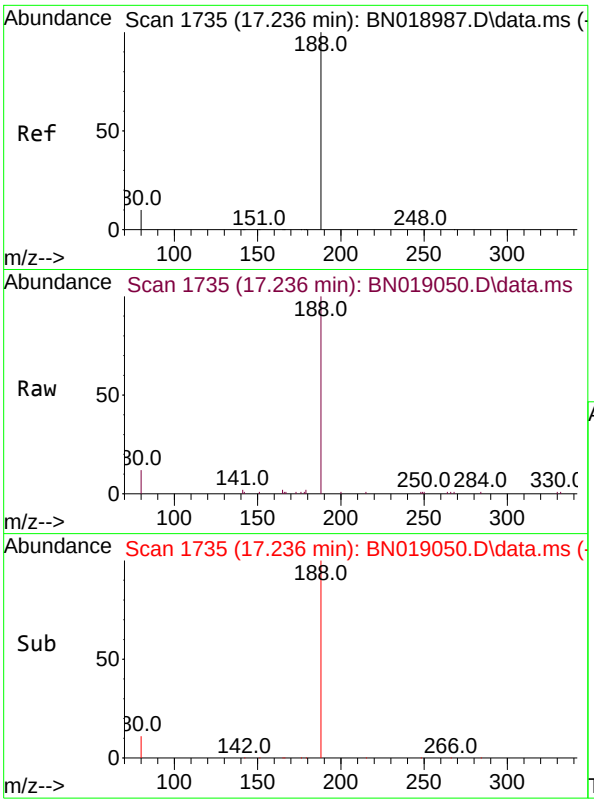


#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:172 Resp: 7772

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	24.5	18.7	28.1



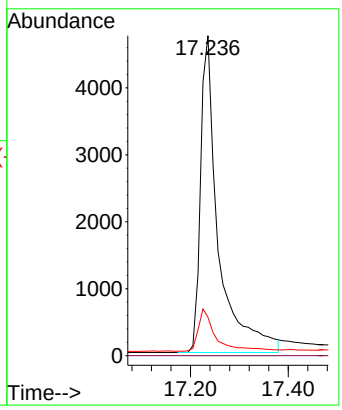


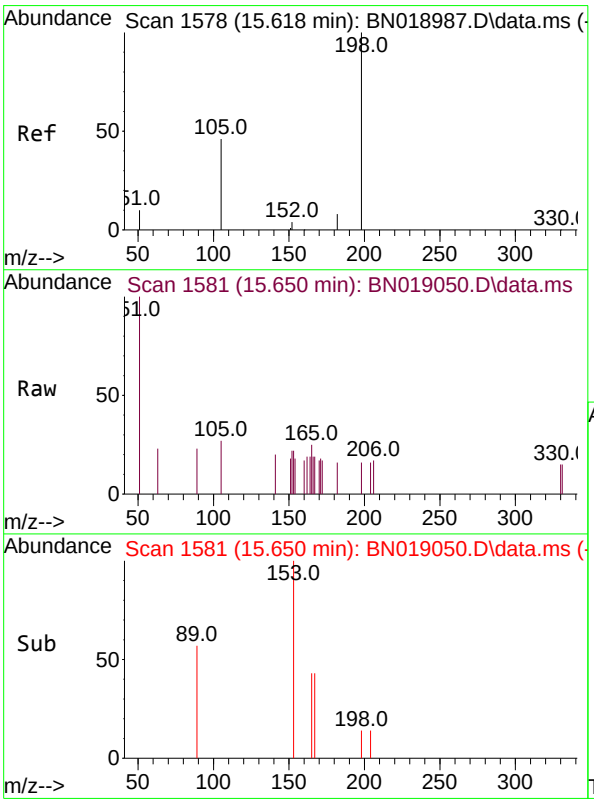
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 12000

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	11.8	17.8

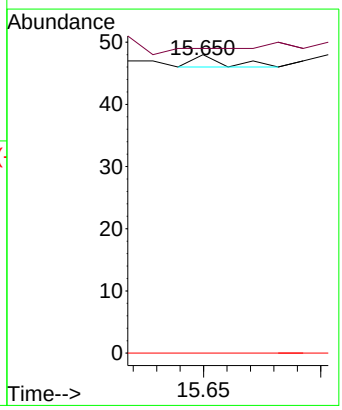


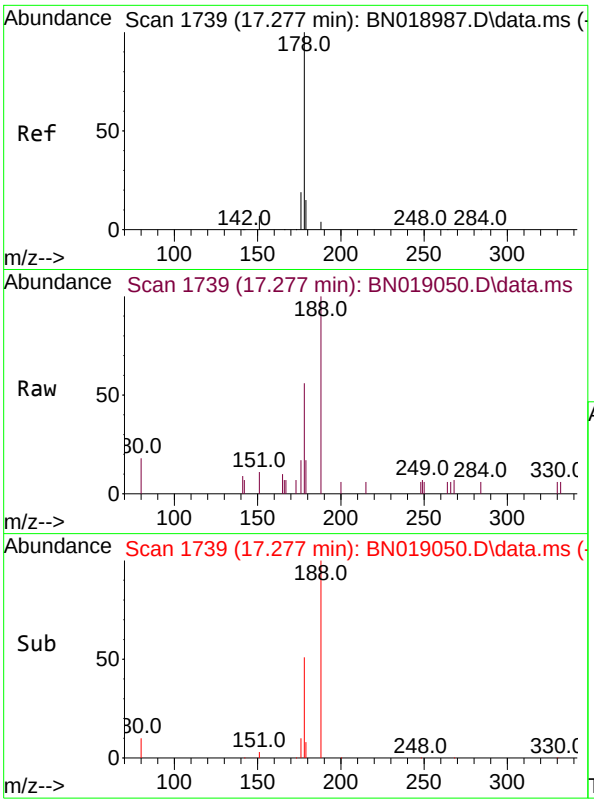


#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.650 min Scan# 1581
Delta R.T. 0.032 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
182	102.1	13.0	19.4#
77	0.0	0.0	0.0



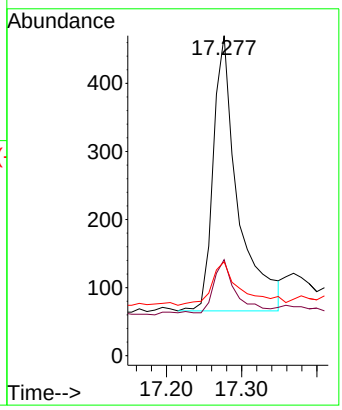


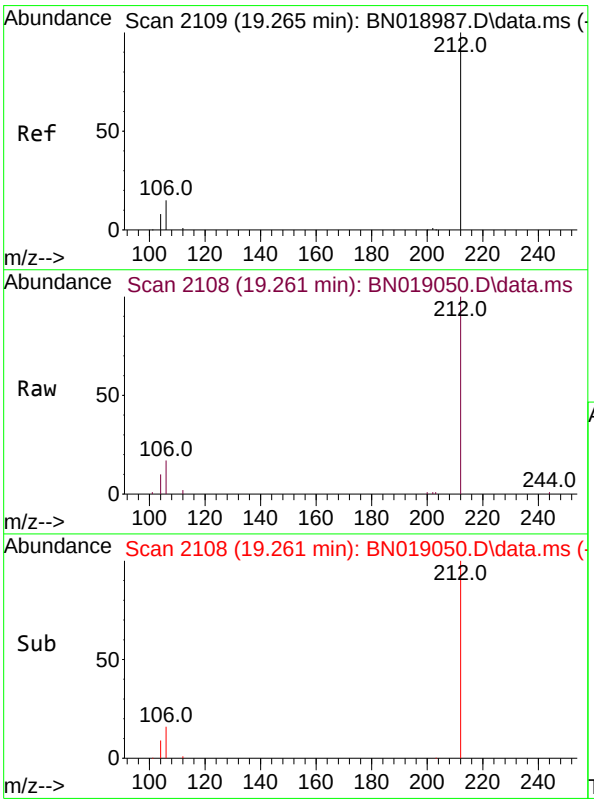
#25
Phenanthrene
Concen: 0.024 ng
RT: 17.277 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 918

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	18.6	12.2	18.2#

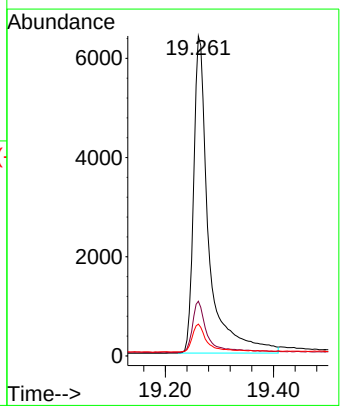


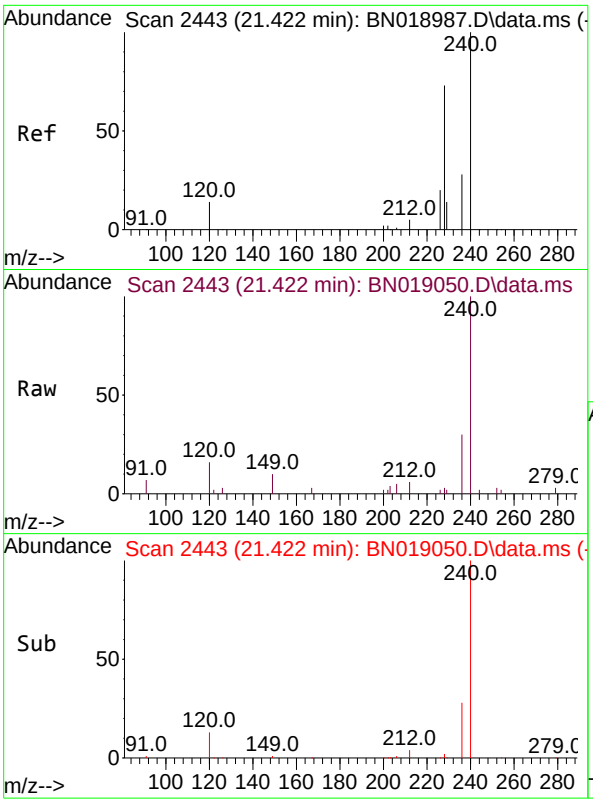


#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:212 Resp: 12445

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.7	19.1
104	8.5	7.1	10.7



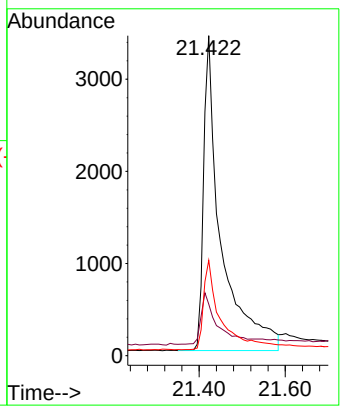


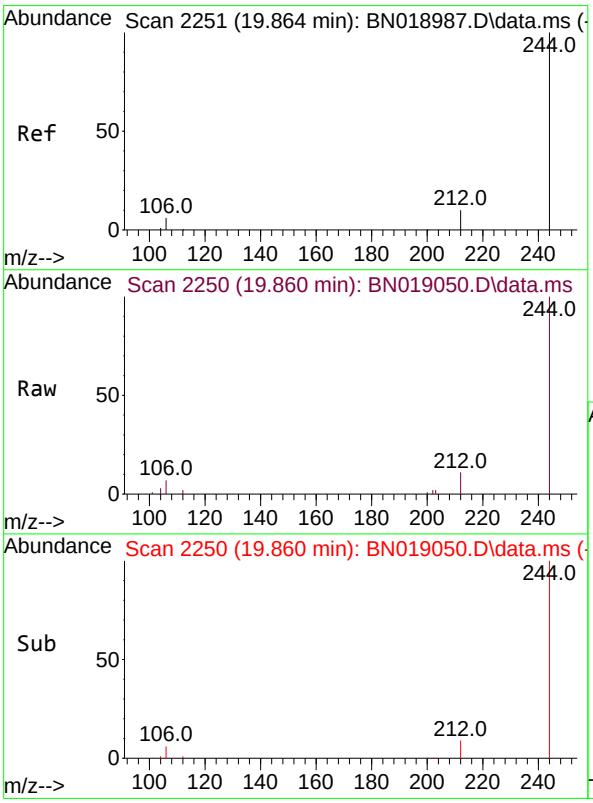
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 9601

Ion	Ratio	Lower	Upper
240	100		
120	16.1	8.5	12.7#
236	29.8	22.4	33.6

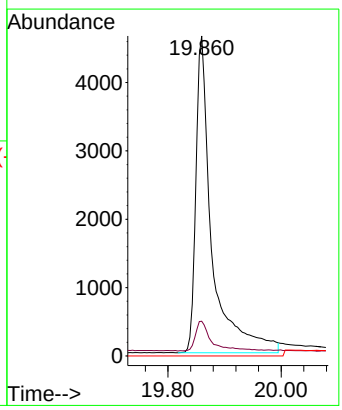


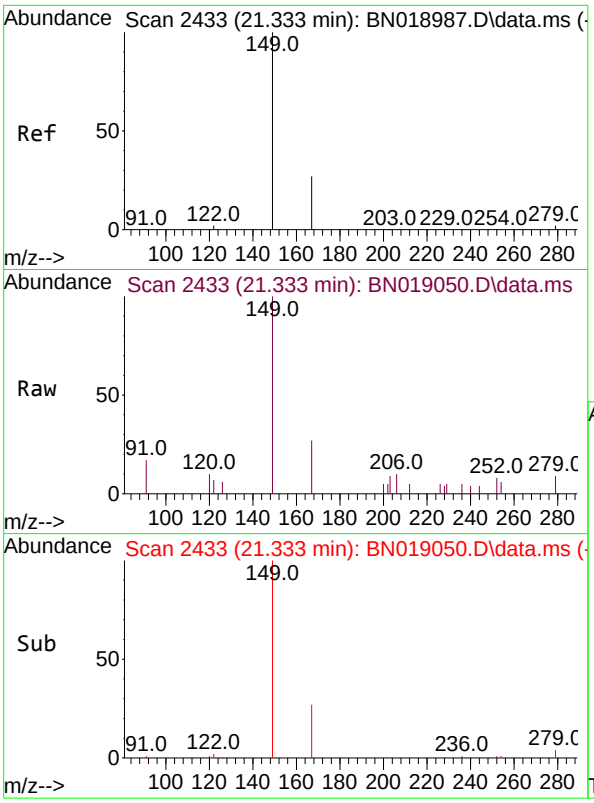


#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:244 Resp: 9181

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.2	12.4
122	0.0	0.0	0.0



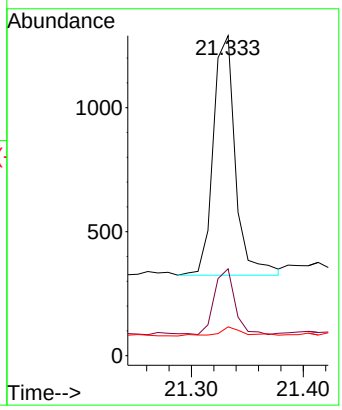


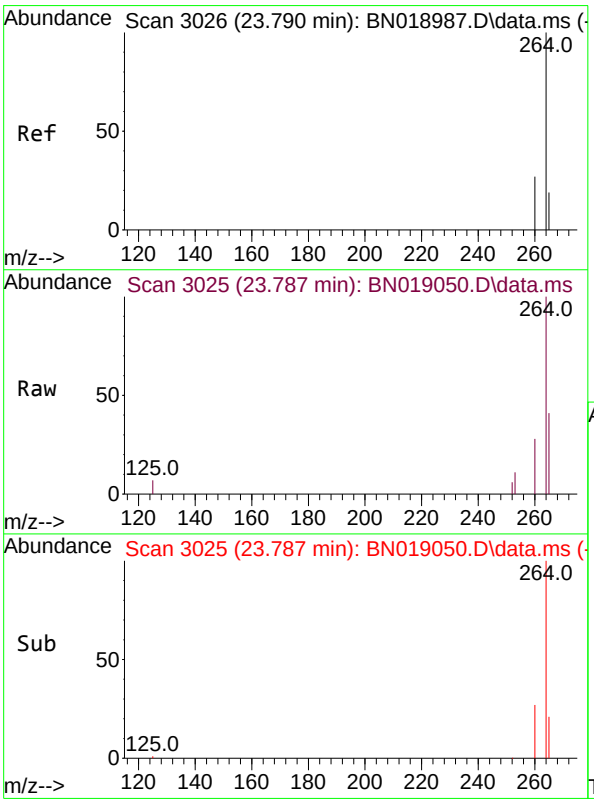
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.333 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1329

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.8	32.8
279	4.4	2.0	3.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.787 min Scan# 3025
Delta R.T. -0.003 min
Lab File: BN019050.D
Acq: 22 Mar 2022 08:52

Tgt Ion:264 Resp: 8844

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.4	33.6
265	41.5	25.3	37.9#