Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019039.D
Acq On : 22 Mar 2022 02:18
Operator : CG/JU
Sample : N2000-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Quant Time: Mar 22 05:19:07 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	6056	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	16124	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	8393	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	12135	0.400	ng	0.00
29) Chrysene-d12	21.422	240	8546	0.400	ng	# 0.00
35) Perylene-d12	23.784	264	8188	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1710	0.126	ng	0.00
5) Phenol-d6	7.024	99	824	0.058	ng	0.01
8) Nitrobenzene-d5	9.014	82	2911	0.250	ng	0.00
11) 2-Methylnaphthalene-d10	12.249	152	7094	0.265	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	679	0.168	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	10121	0.301	ng	-0.01
27) Fluoranthene-d10	19.265	212	11435	0.318	ng	0.00
31) Terphenyl-d14	19.859	244	8562	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	6795	0.908	ng	# 95
3) n-Nitrosodimethylamine	3.499	42	688	0.079	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.639	198	5	0.112	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	1434	0.082	ng	# 97

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

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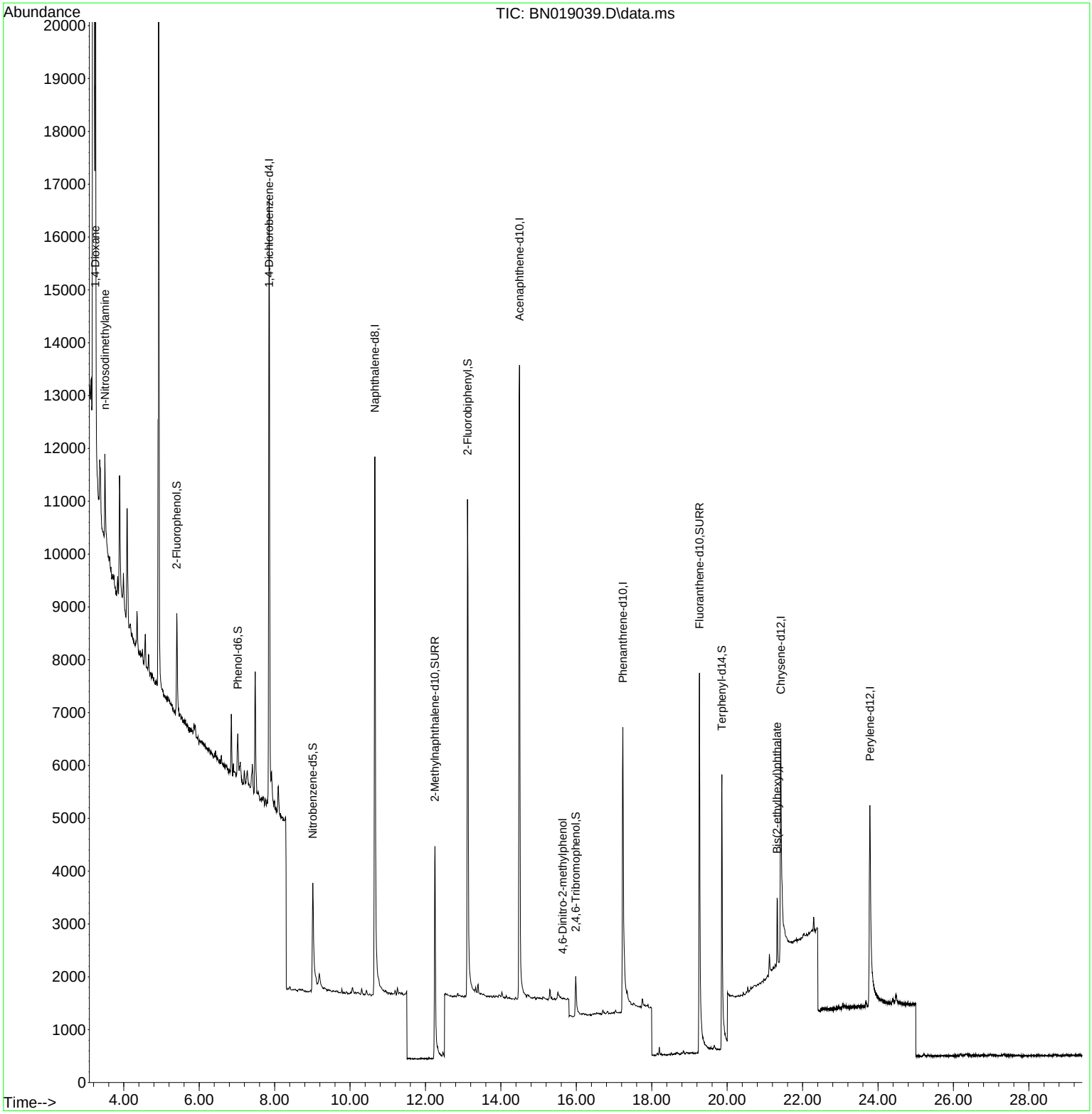
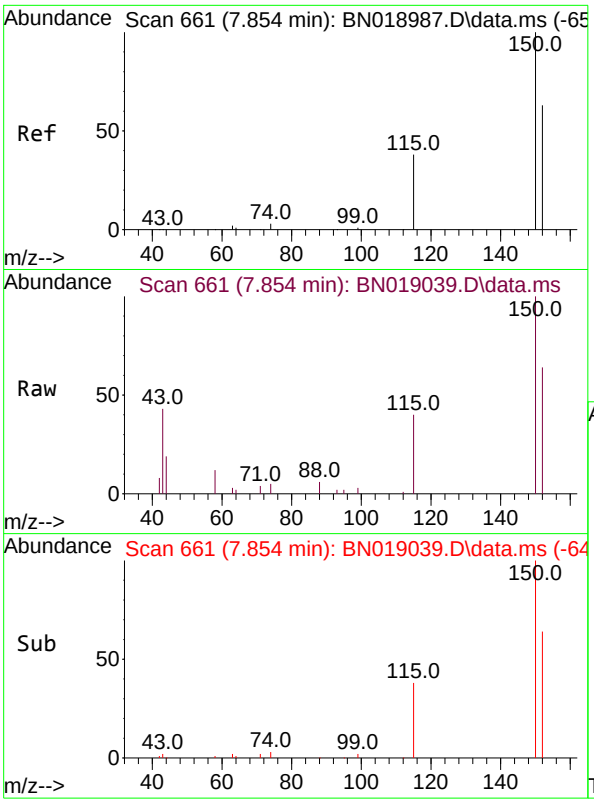


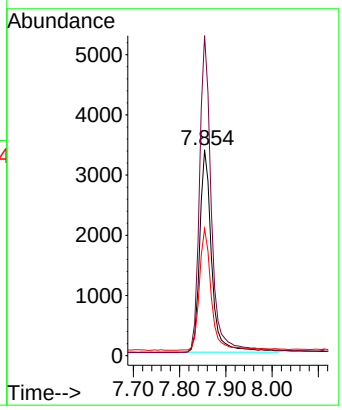


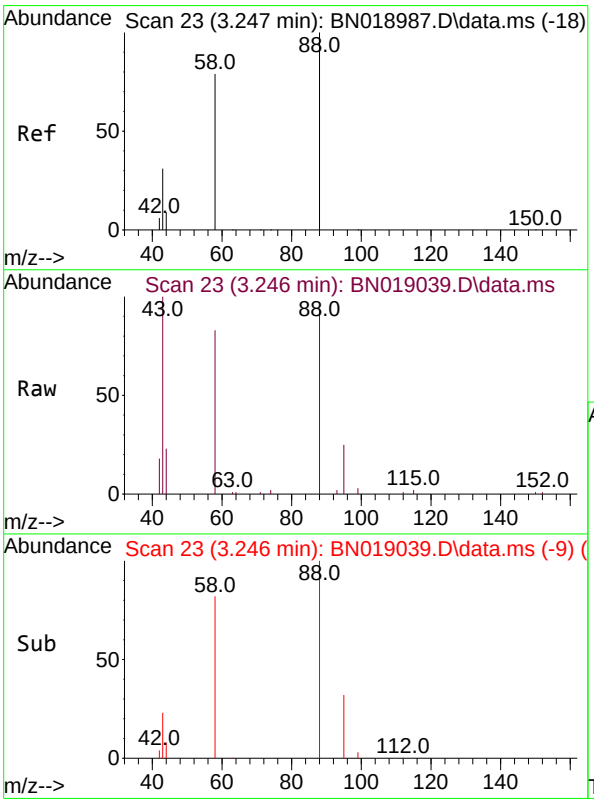
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Tgt Ion:152 Resp: 6056

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.9	185.9
115	61.7	48.2	72.4

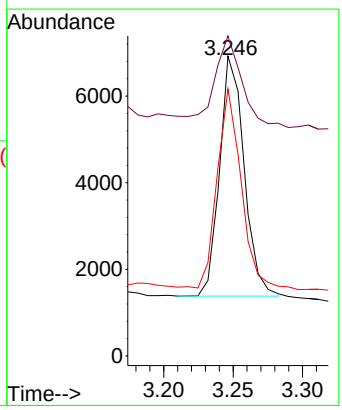


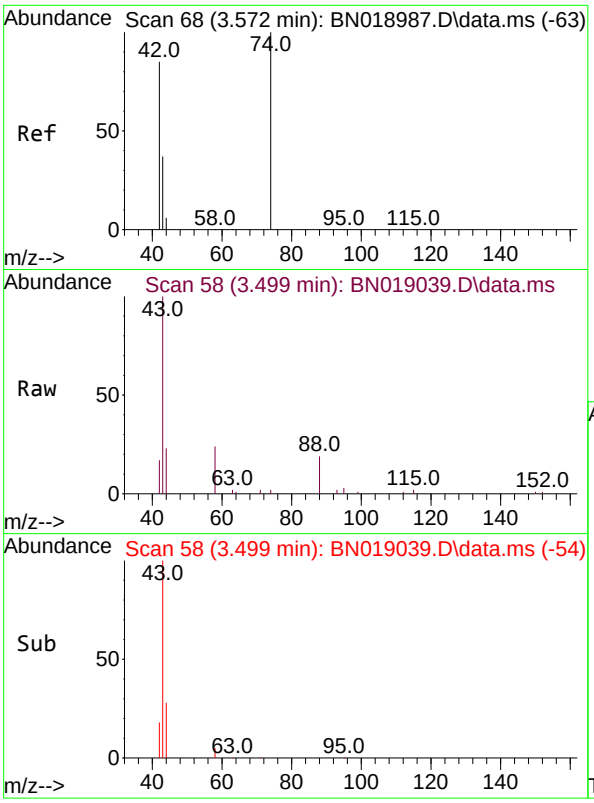


#2
1,4-Dioxane
Concen: 0.908 ng
RT: 3.246 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Tgt Ion: 88 Resp: 6795

Ion	Ratio	Lower	Upper
88	100		
43	37.6	24.6	37.0#
58	79.3	65.4	98.2



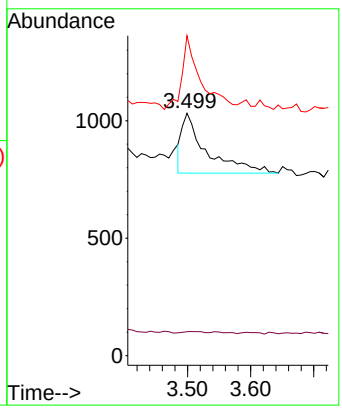


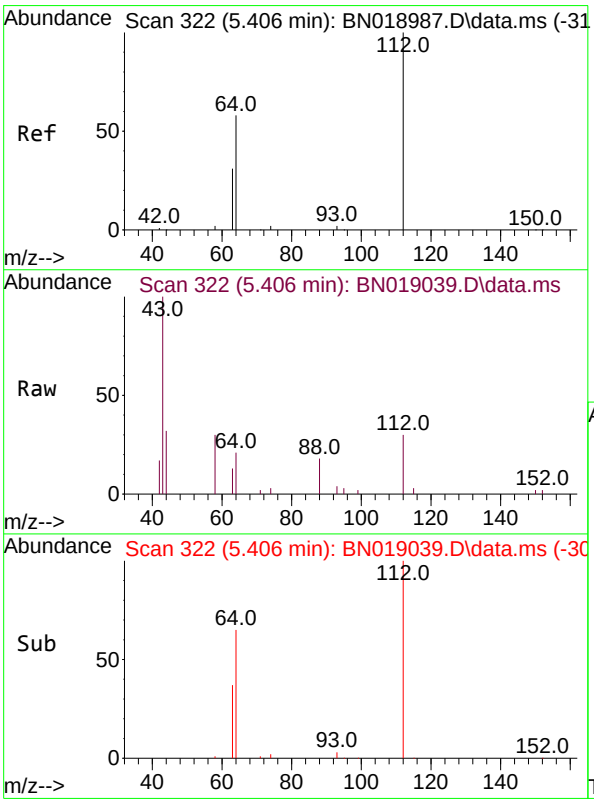
#3
n-Nitrosodimethylamine
Concen: 0.079 ng
RT: 3.499 min Scan# 5
Delta R.T. -0.072 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Tgt Ion: 42 Resp: 688

Ion	Ratio	Lower	Upper
42	100		
74	1.5	96.9	145.3#
44	73.4	7.3	10.9#

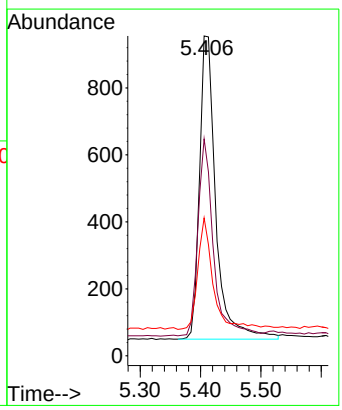


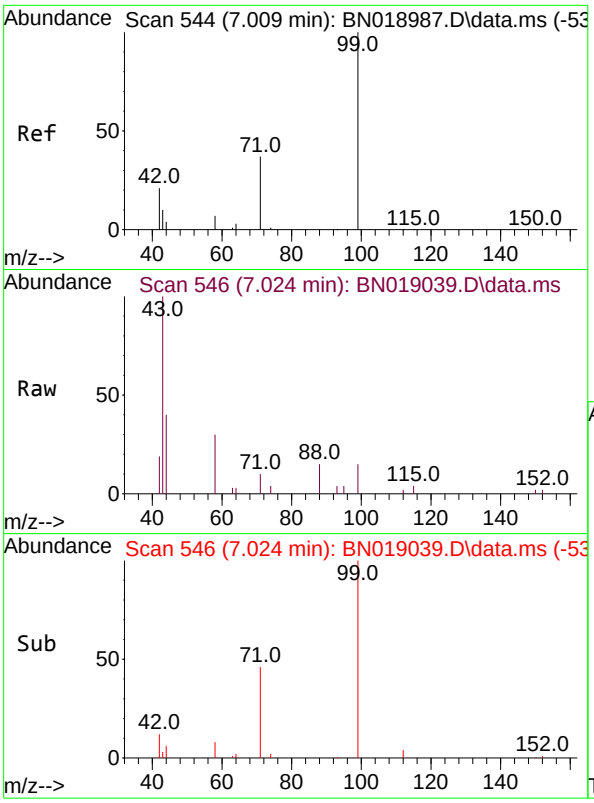


#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Tgt Ion:112 Resp: 1710

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.8	71.8
63	34.6	25.7	38.5



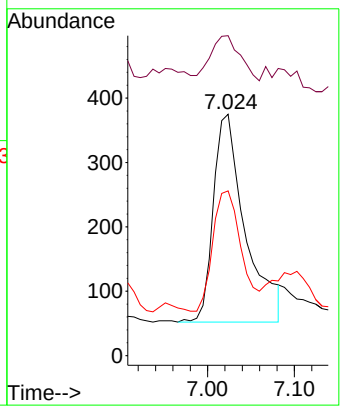


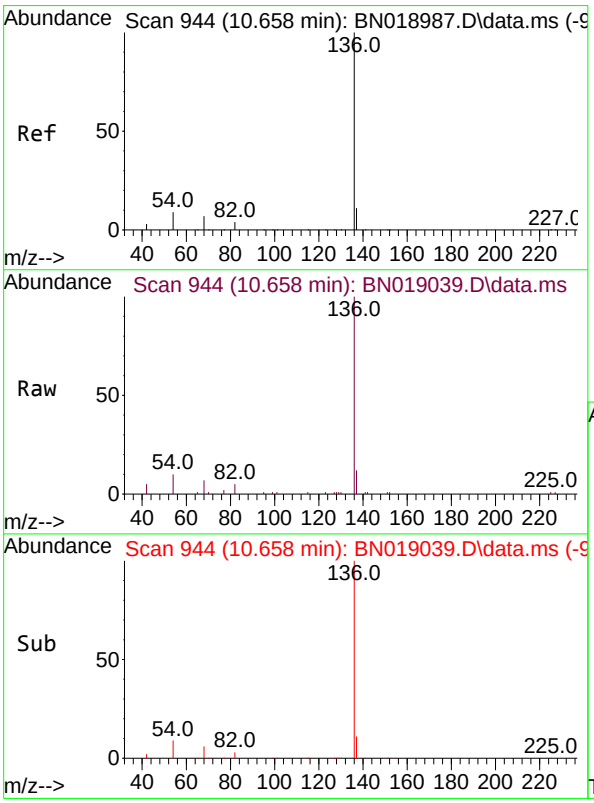
#5
Phenol-d6
Concen: 0.058 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.014 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Tgt Ion: 99 Resp: 824

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.2	24.4
71	51.6	27.7	41.5#

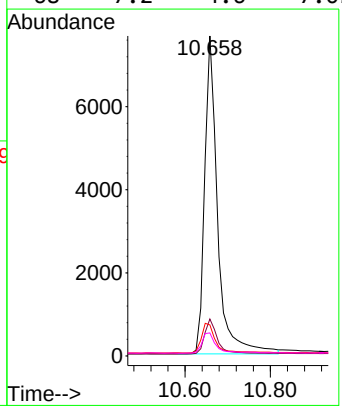


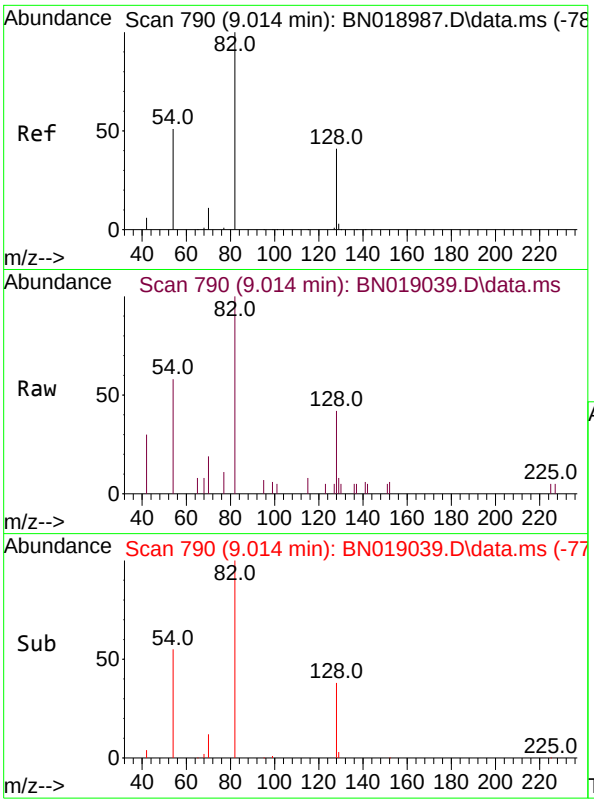


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Tgt Ion:136 Resp: 16124

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.7	5.8	8.6#
68	7.2	4.6	7.0#



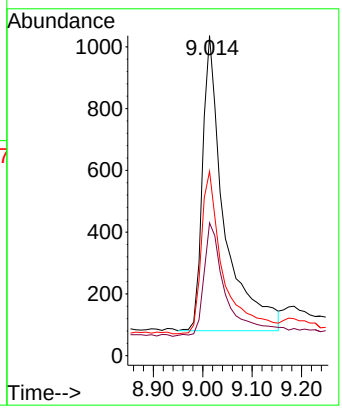


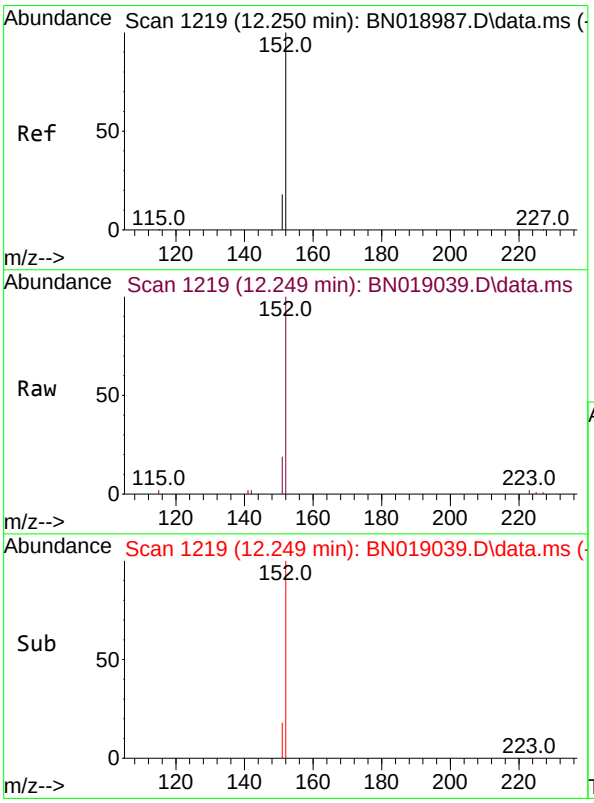
#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 9.014 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Tgt Ion: 82 Resp: 2911

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.0	49.6
54	57.6	42.5	63.7

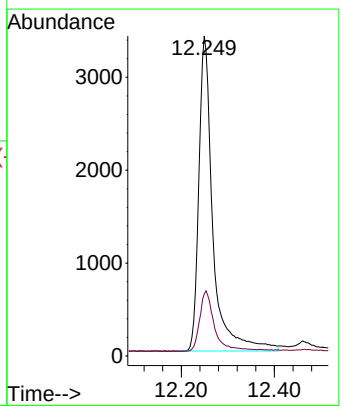


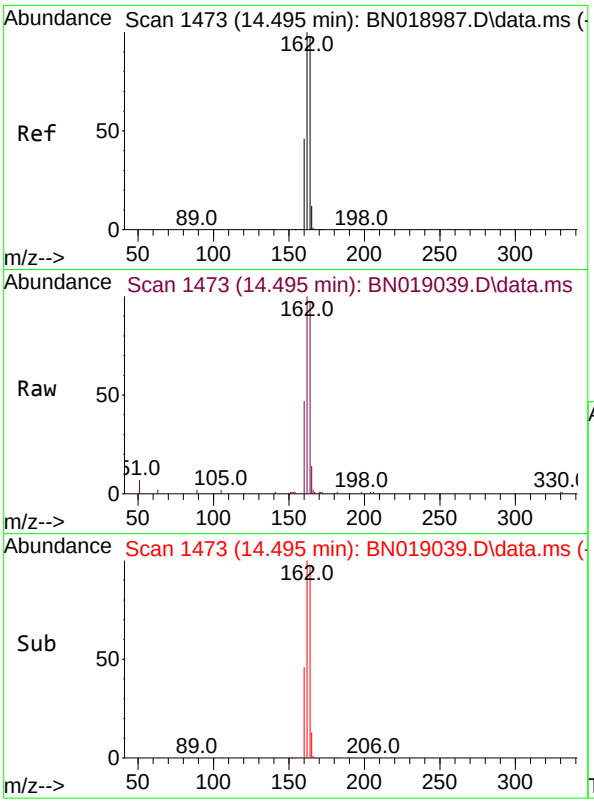


#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 12.249 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Tgt Ion:152 Resp: 7094

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7



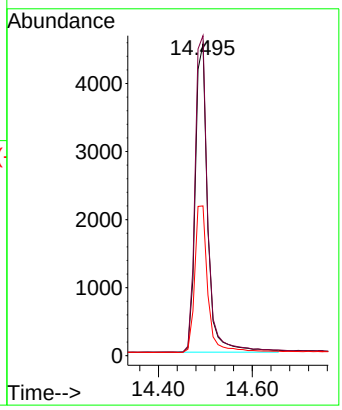


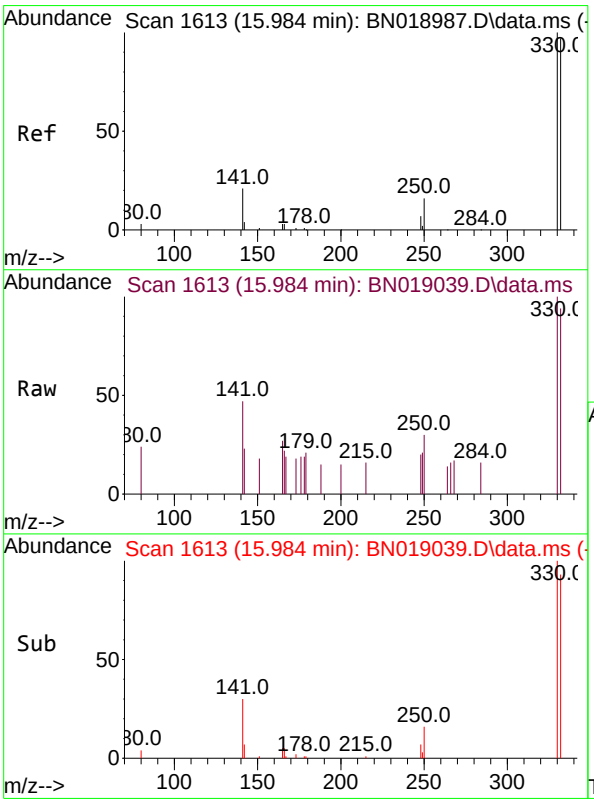
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Tgt Ion:164 Resp: 8393

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.2	127.8
160	48.0	41.5	62.3

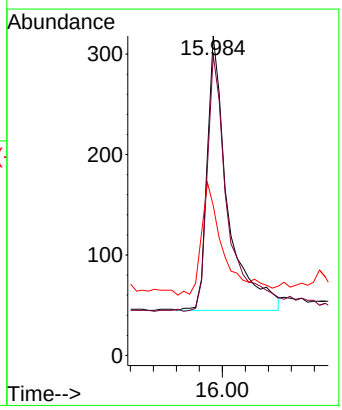


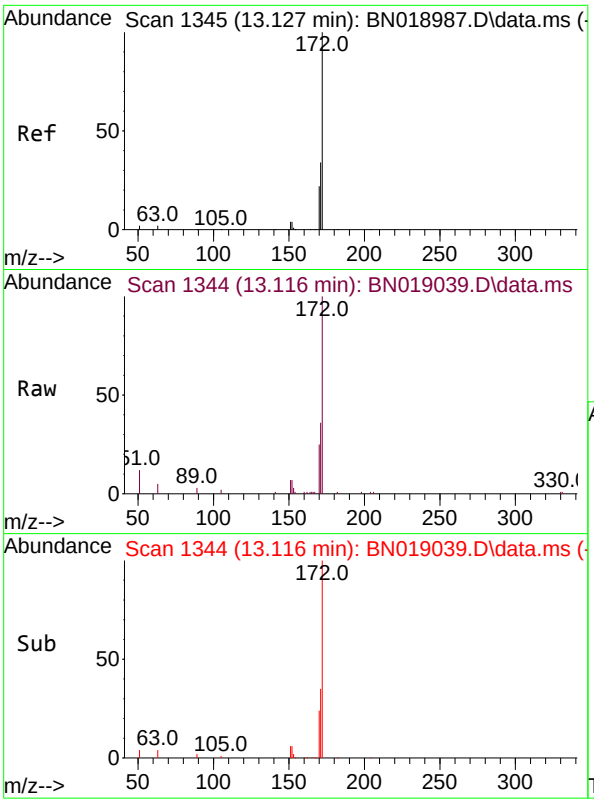


#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Tgt Ion:330 Resp: 679

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	44.8	32.2	48.2



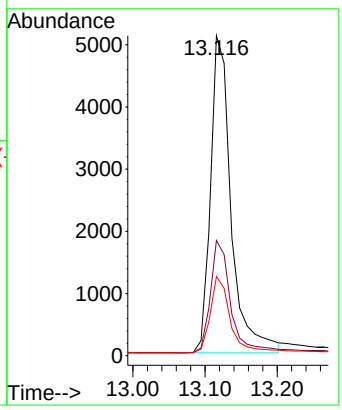


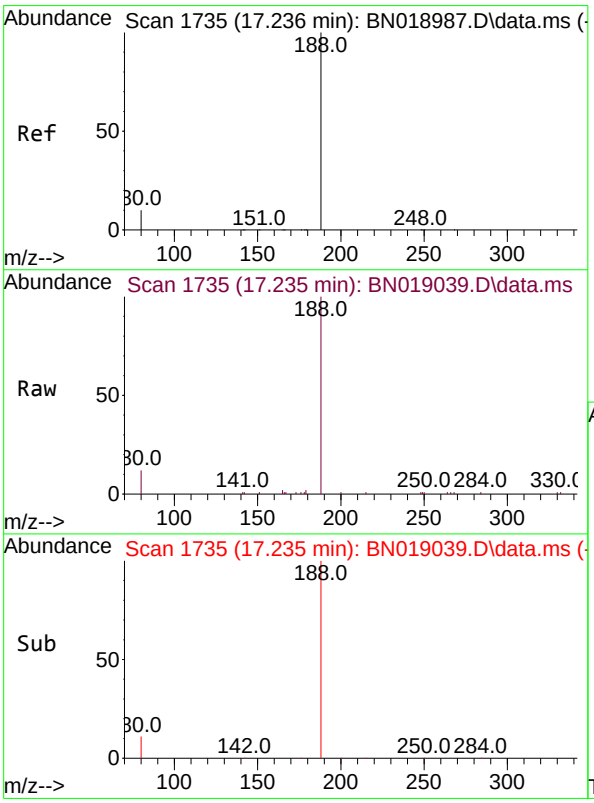
#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Tgt Ion:172 Resp: 10121

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	24.8	18.7	28.1

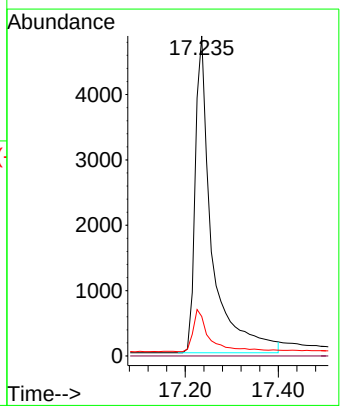


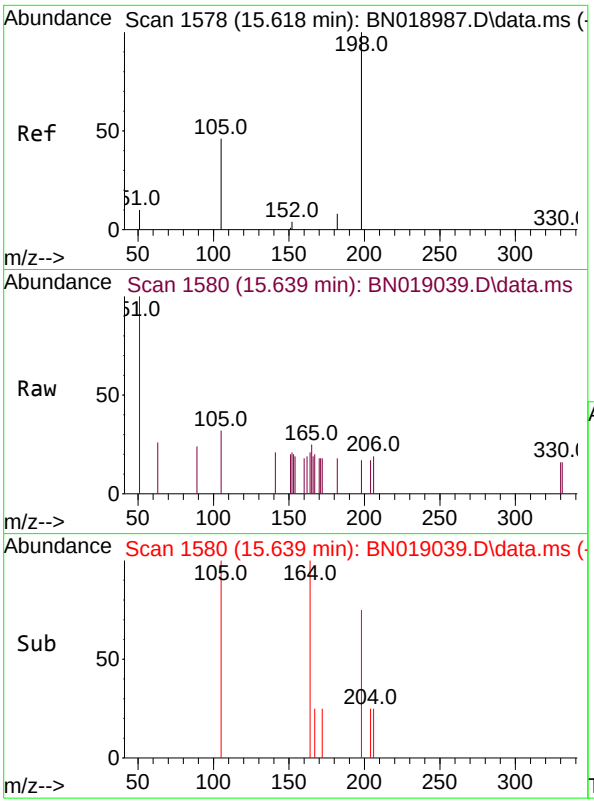


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1735
Delta R.T. -0.001 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Tgt Ion:188 Resp: 12135

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	11.8	17.8



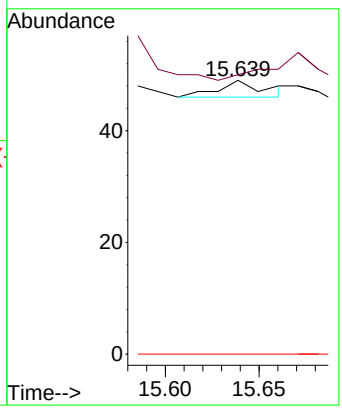


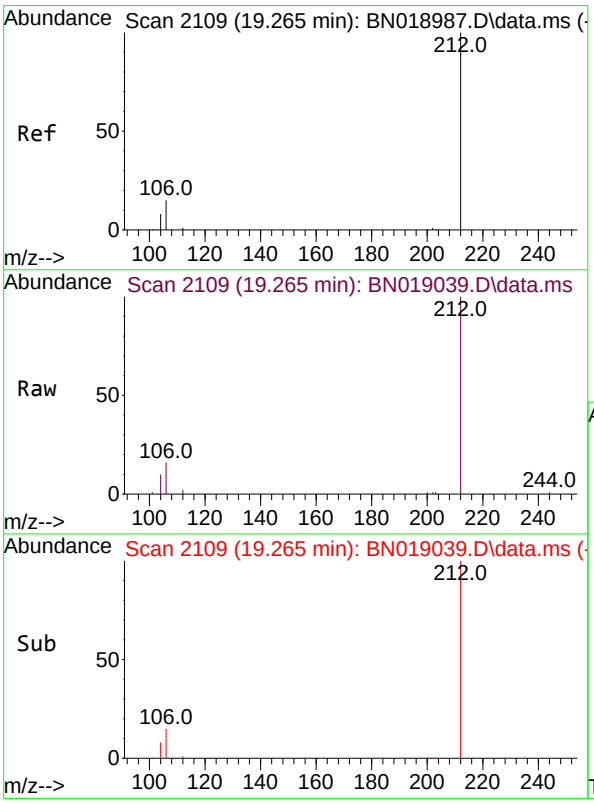
#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.639 min Scan# 1
Delta R.T. 0.021 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
182	102.0	13.0	19.4#
77	0.0	0.0	0.0

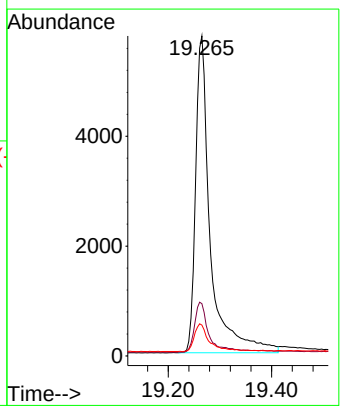


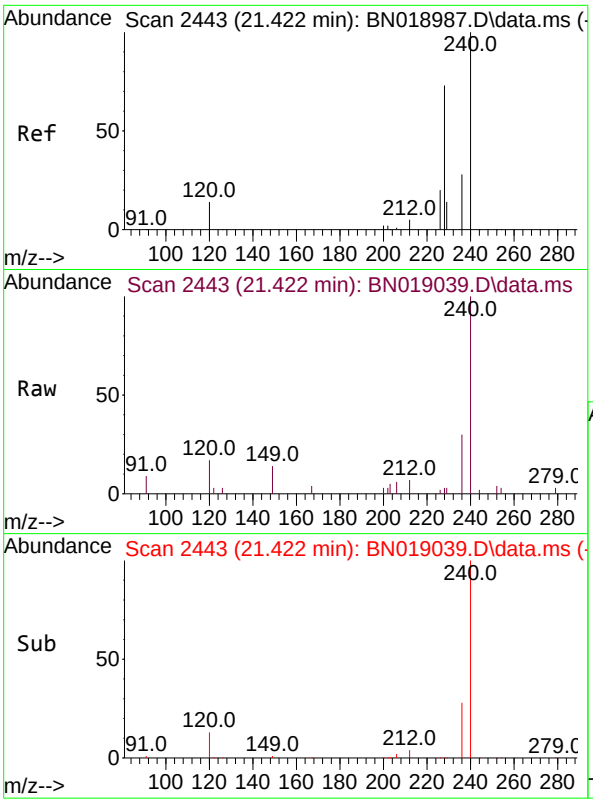


#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Tgt Ion:212 Resp: 11435

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.7	19.1
104	8.8	7.1	10.7



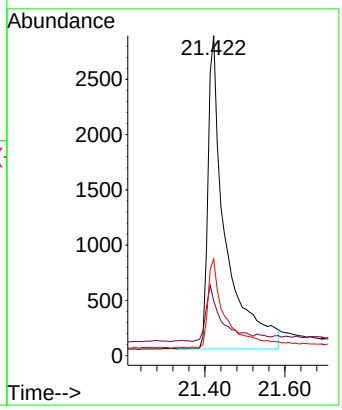


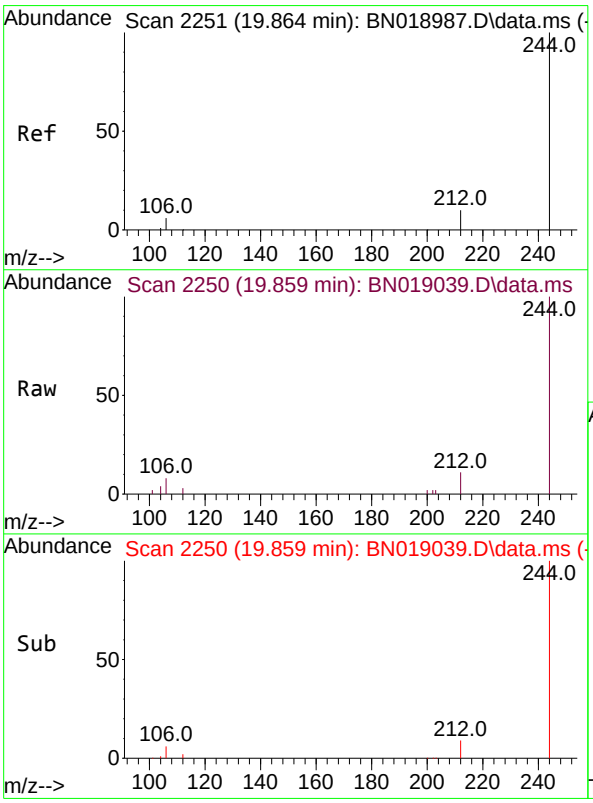
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Tgt Ion:240 Resp: 8546

Ion	Ratio	Lower	Upper
240	100		
120	17.1	8.5	12.7#
236	30.2	22.4	33.6

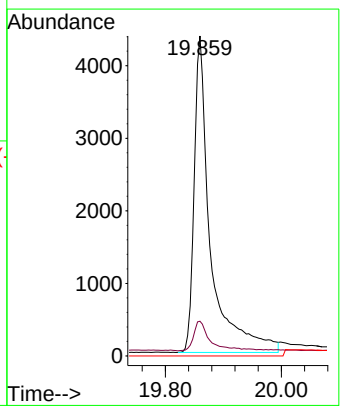


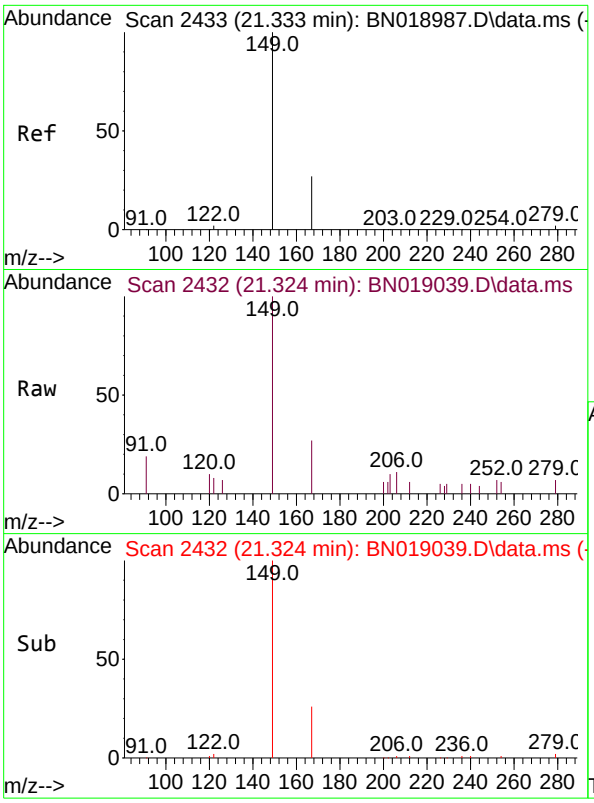


#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.859 min Scan# 2250
Delta R.T. -0.005 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Tgt Ion:244 Resp: 8562

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.2	12.4
122	0.0	0.0	0.0



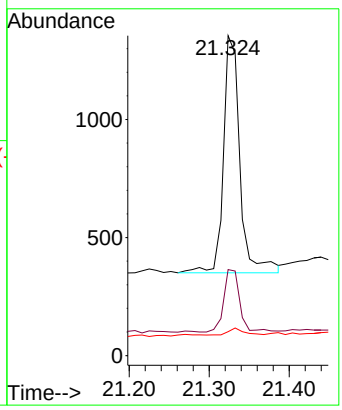


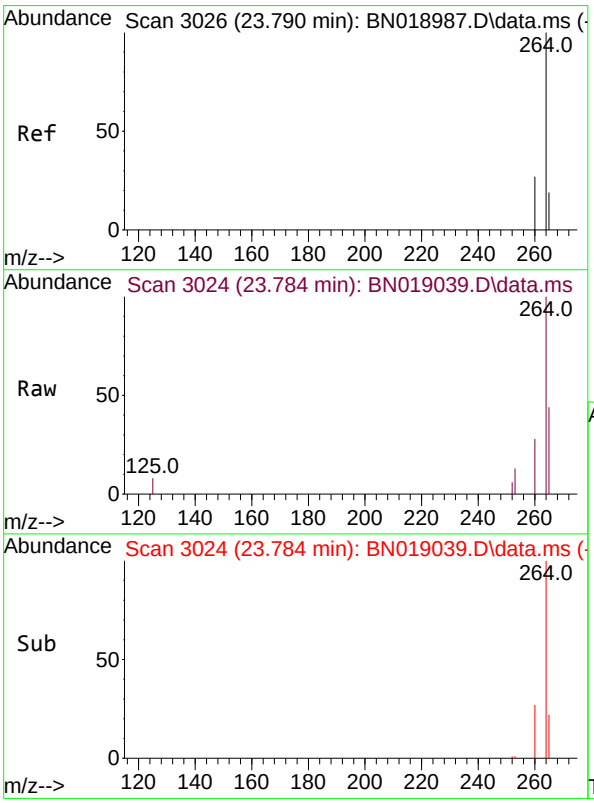
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.324 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Instrument :
BNA_N
ClientSampleId :
RE-139D2-20220316

Tgt Ion:149 Resp: 1434

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.8	32.8
279	3.1	2.0	3.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.784 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN019039.D
Acq: 22 Mar 2022 02:18

Tgt Ion:264 Resp: 8188

Ion	Ratio	Lower	Upper
264	100		
260	28.4	22.4	33.6
265	44.4	25.3	37.9#