Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019119.D
Acq On : 24 Mar 2022 09:19
Operator : CG/JU
Sample : N2074-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 24 14:32:02 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	3813	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9380	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	5514	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	9823	0.400	ng	0.00
29) Chrysene-d12	21.422	240	7796	0.400	ng	# 0.00
35) Perylene-d12	23.793	264	6171	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	802	0.094	ng	0.00
5) Phenol-d6	7.031	99	253	0.028	ng	0.02
8) Nitrobenzene-d5	9.025	82	1320	0.195	ng	0.01
11) 2-Methylnaphthalene-d10	12.257	152	3871	0.249	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	398	0.150	ng	0.01
15) 2-Fluorobiphenyl	13.127	172	4891	0.221	ng	0.00
27) Fluoranthene-d10	19.265	212	12514	0.429	ng	0.00
31) Terphenyl-d14	19.860	244	8227	0.430	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	11783	2.500	ng	# 93
6) bis(2-Chloroethyl)ether	7.277	93	230	0.022	ng	94
20) 4,6-Dinitro-2-methylph...	15.618	198	2	0.111	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	1189	0.075	ng	# 99

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

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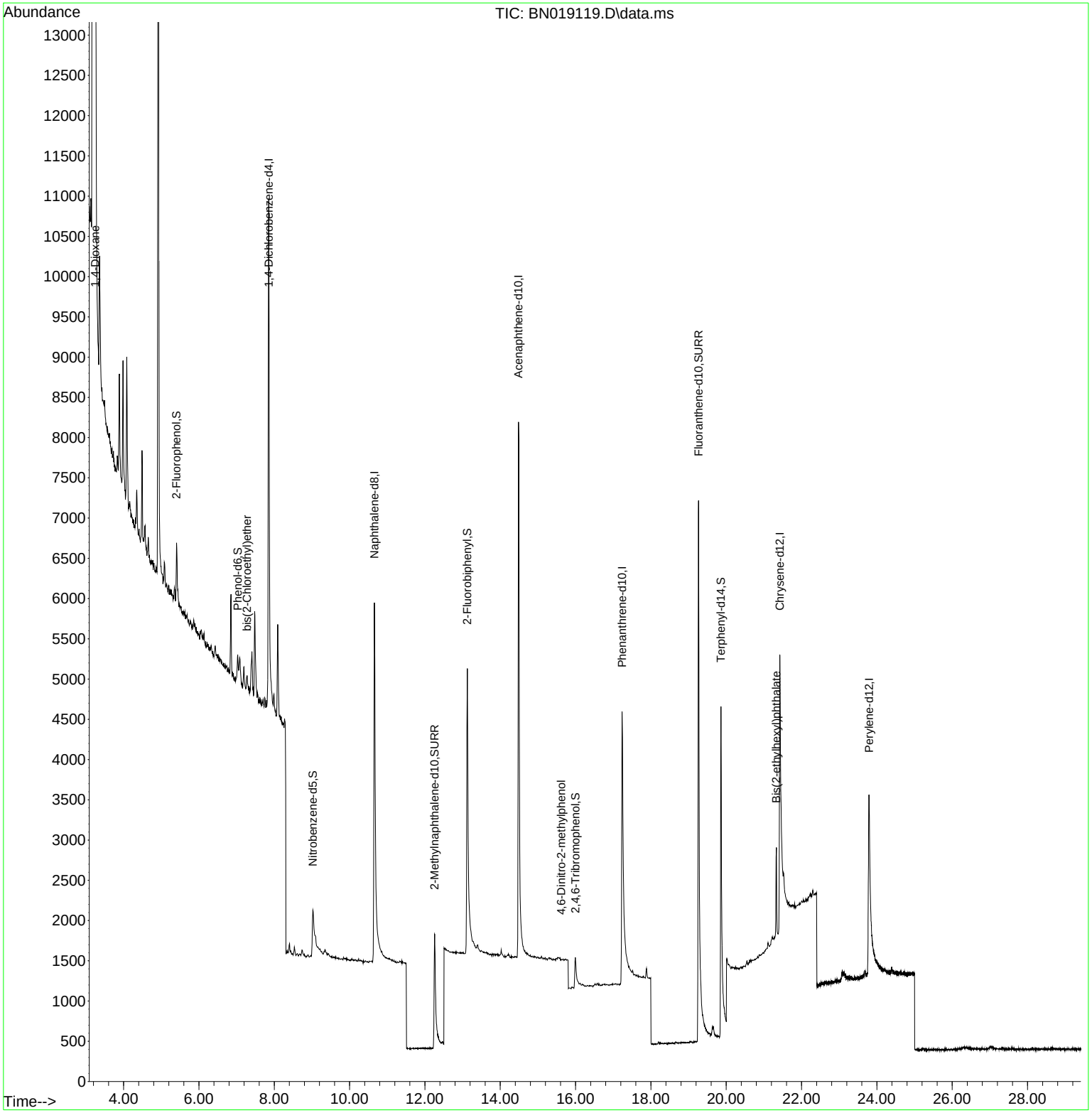
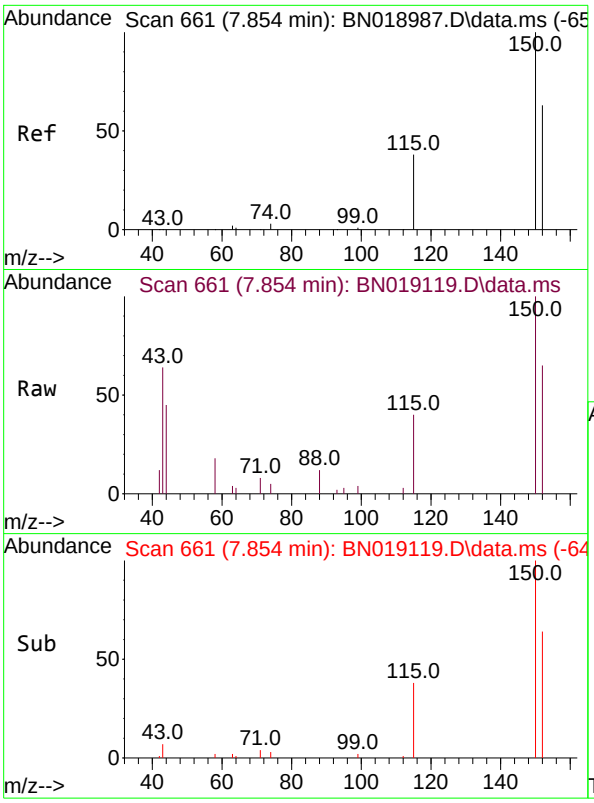


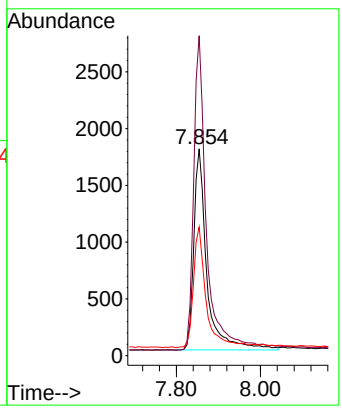


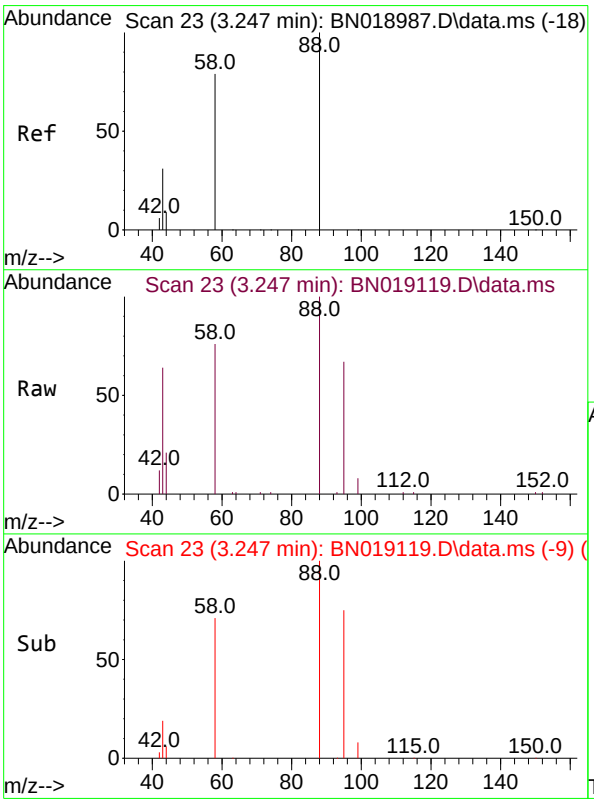
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3813

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.9	185.9
115	62.2	48.2	72.4

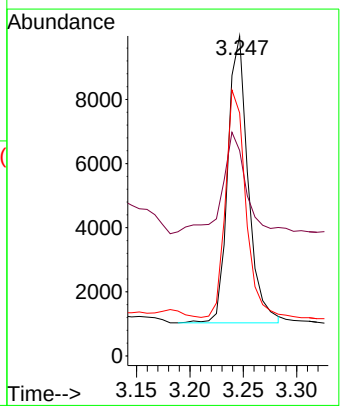


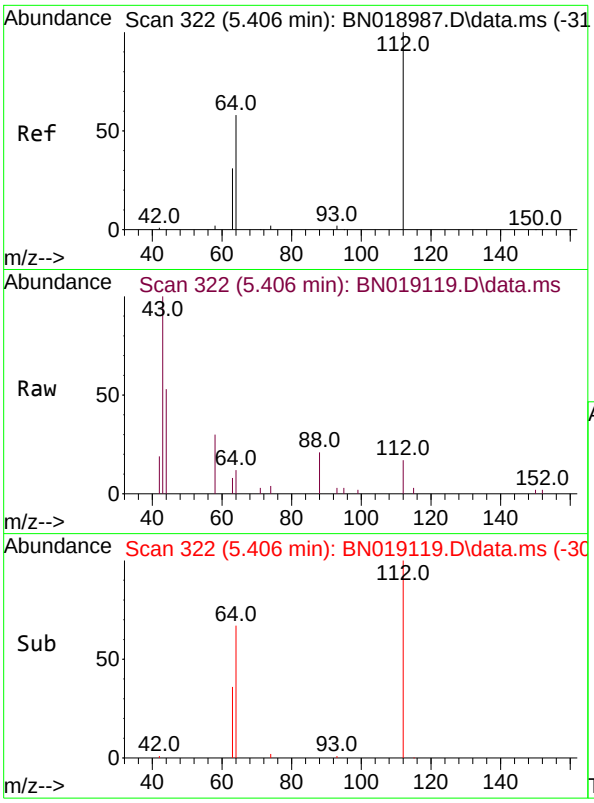


#2
1,4-Dioxane
Concen: 2.500 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion: 88 Resp: 11783

Ion	Ratio	Lower	Upper
88	100		
43	41.0	24.6	37.0#
58	79.0	65.4	98.2



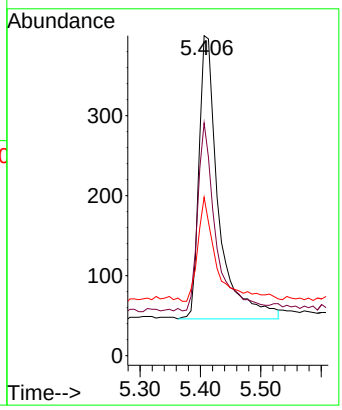


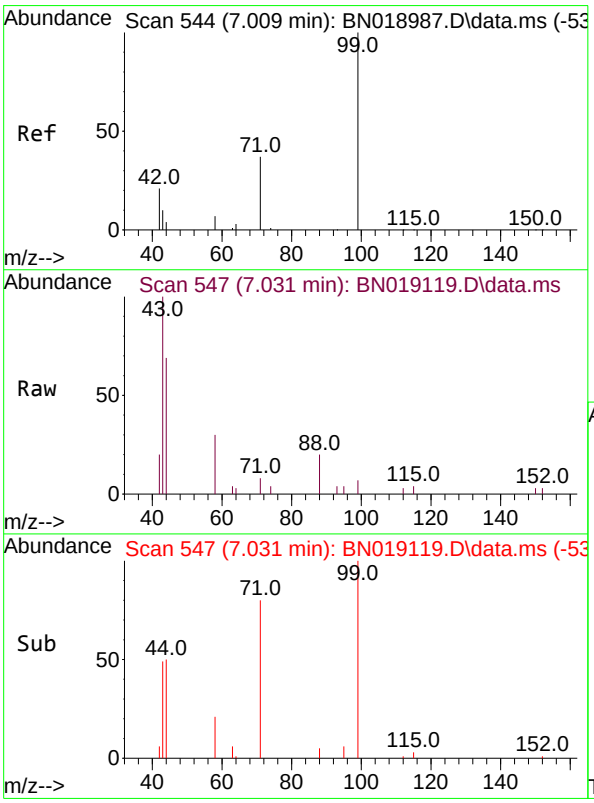
#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.406 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 802

Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.8	71.8
63	35.3	25.7	38.5

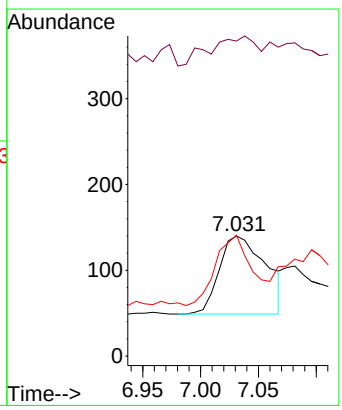


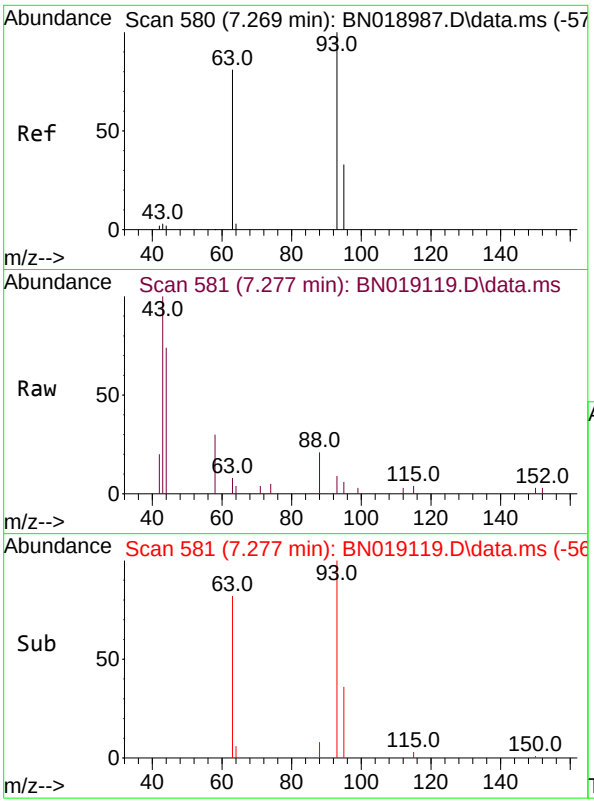


#5
Phenol-d6
Concen: 0.028 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.022 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion: 99 Resp: 253

Ion	Ratio	Lower	Upper
99	100		
42	38.3	16.2	24.4#
71	72.3	27.7	41.5#



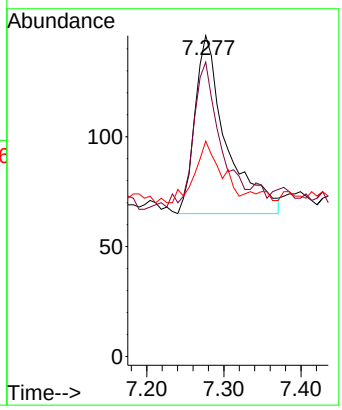


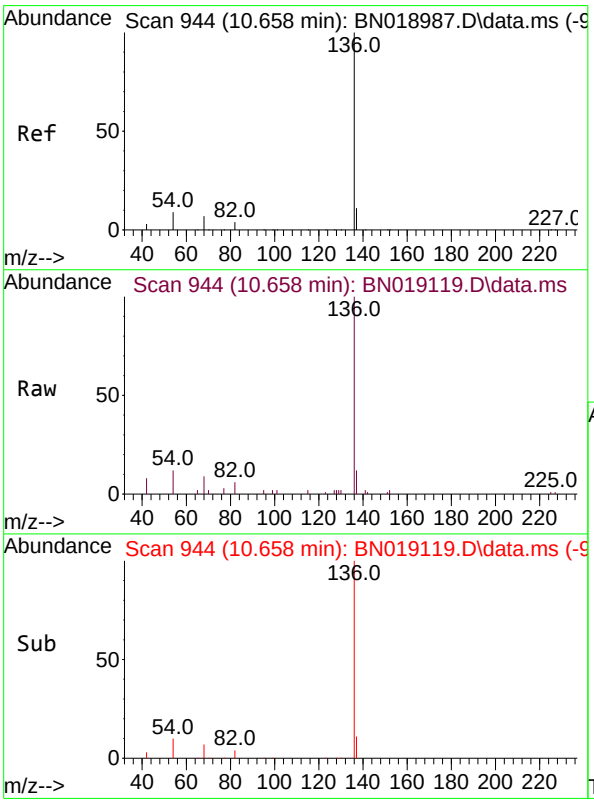
#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.277 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 230

Ion	Ratio	Lower	Upper
93	100		
63	73.5	62.8	94.2
95	29.6	26.2	39.4

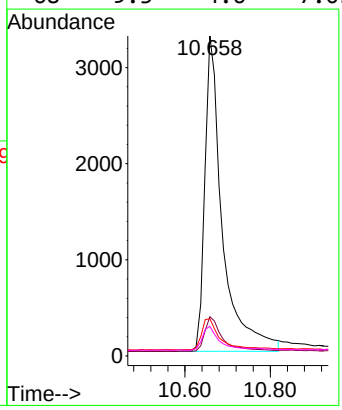


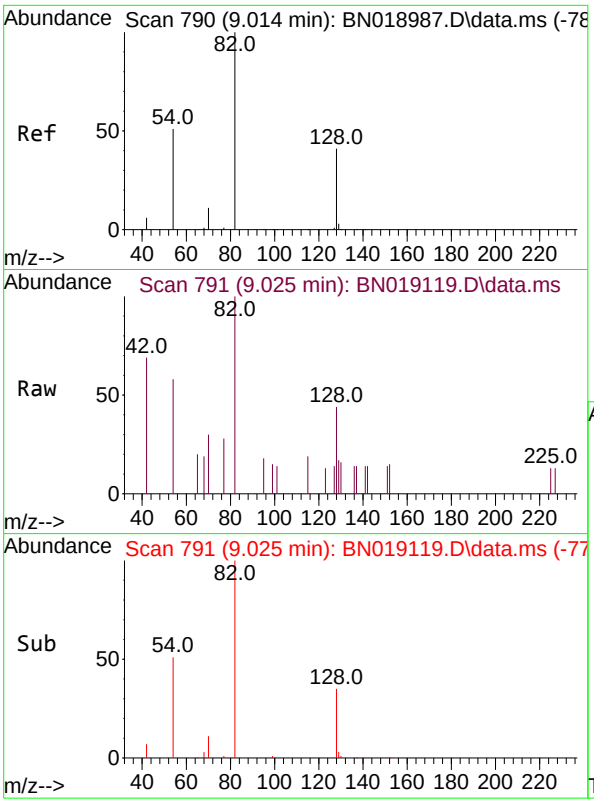


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:136 Resp: 9380

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.4
54	11.6	5.8	8.6#
68	9.3	4.6	7.0#



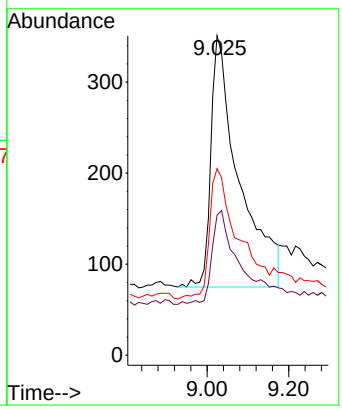


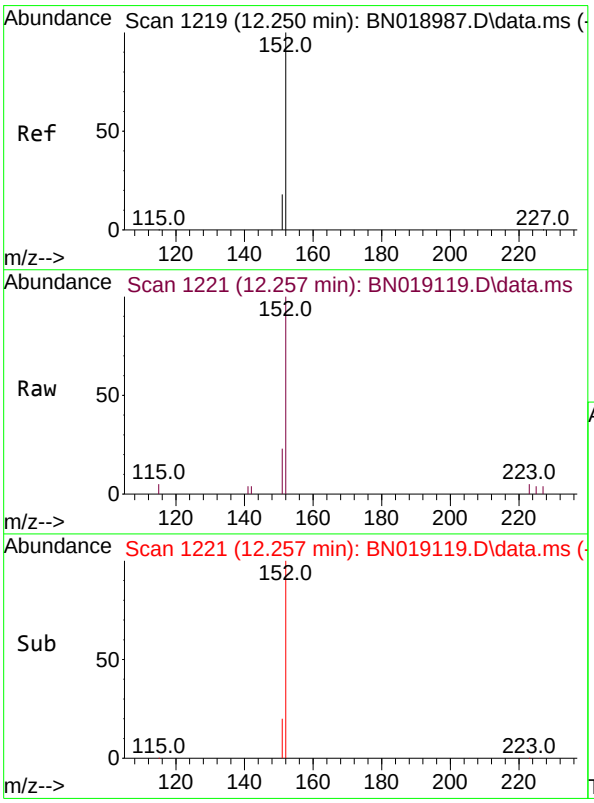
#8
Nitrobenzene-d5
Concen: 0.195 ng
RT: 9.025 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 1320

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.0	49.6
54	58.4	42.5	63.7

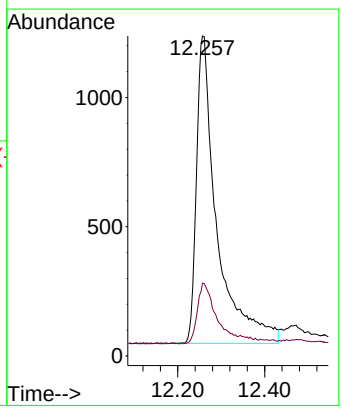


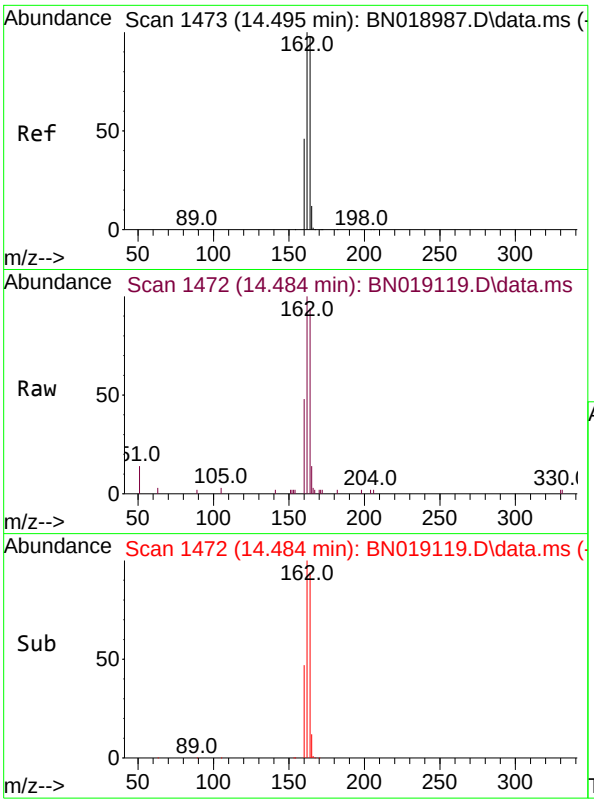


#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.007 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:152 Resp: 3871

Ion	Ratio	Lower	Upper
152	100		
151	18.0	16.5	24.7



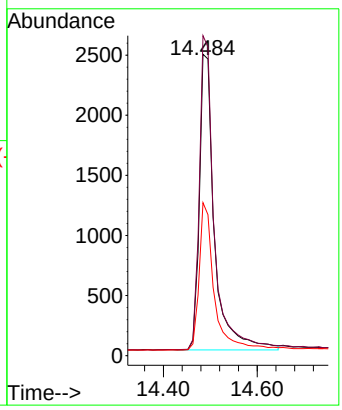


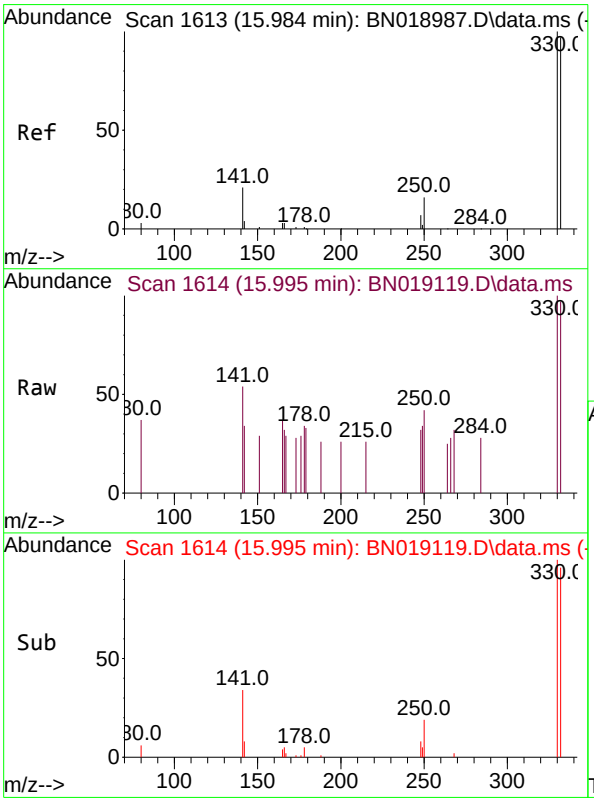
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5514

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.2	127.8
160	50.8	41.5	62.3

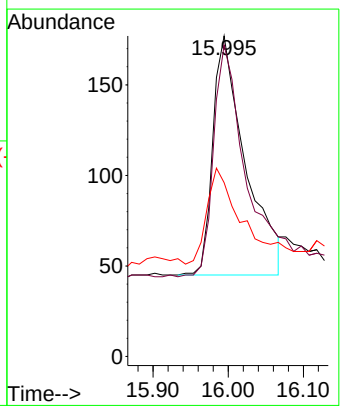


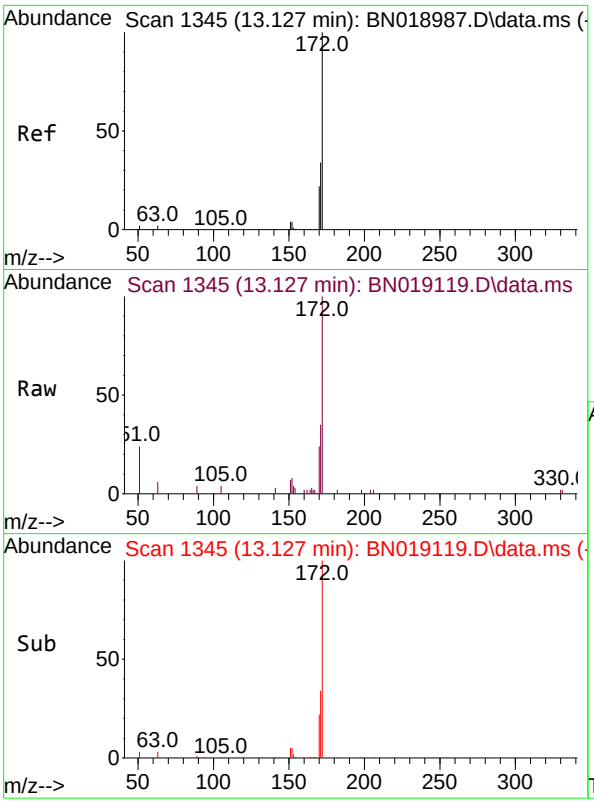


#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 15.995 min Scan# 1614
Delta R.T. 0.010 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:330 Resp: 398

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.8	115.2
141	44.0	32.2	48.2



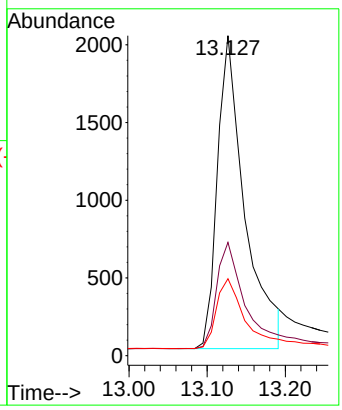


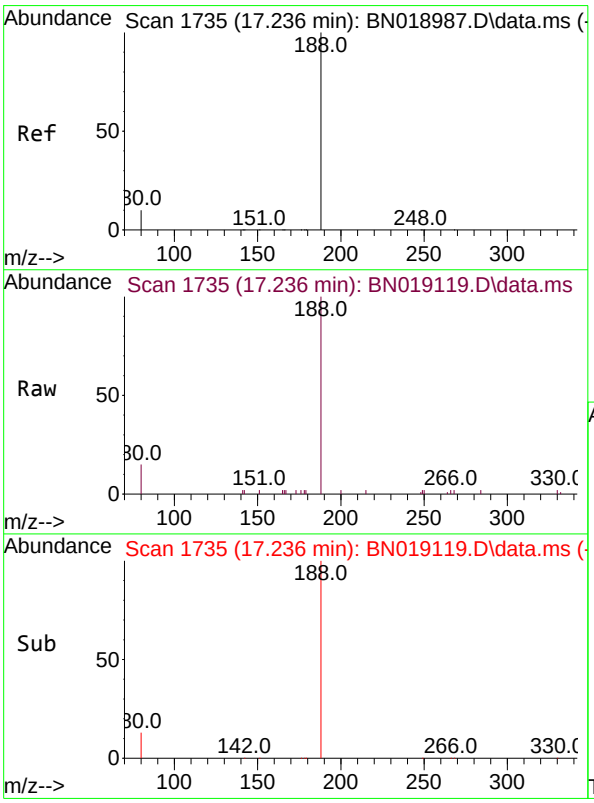
#15
2-Fluorobiphenyl
Concen: 0.221 ng
RT: 13.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4891

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	24.0	18.7	28.1

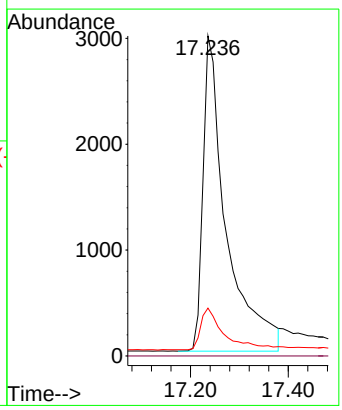


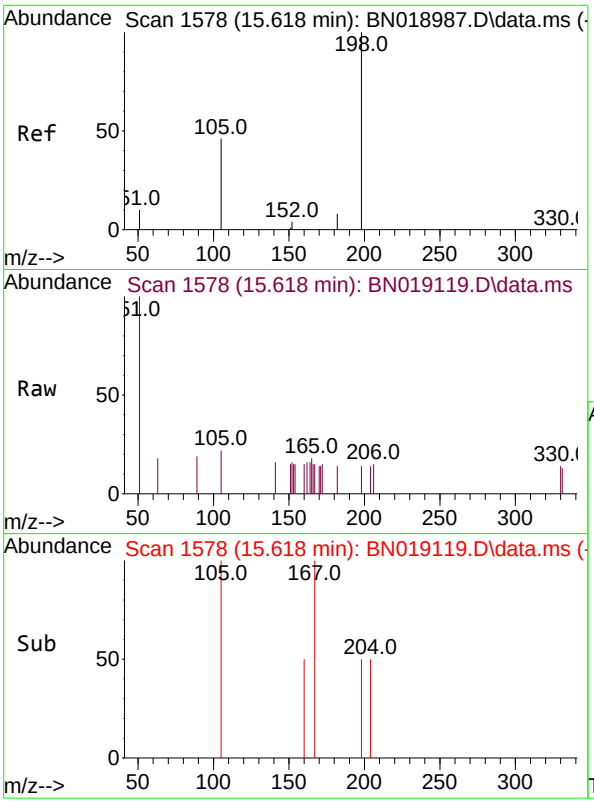


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:188 Resp: 9823

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	11.8	17.8



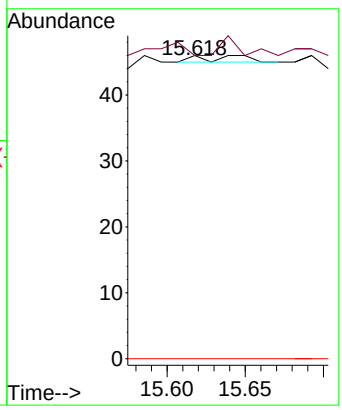


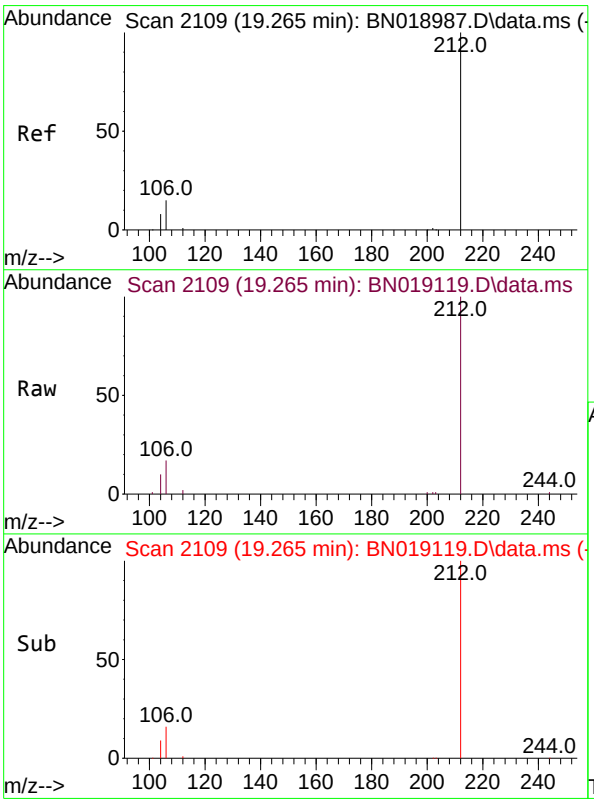
#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
182	100.0	13.0	19.4#
77	0.0	0.0	0.0

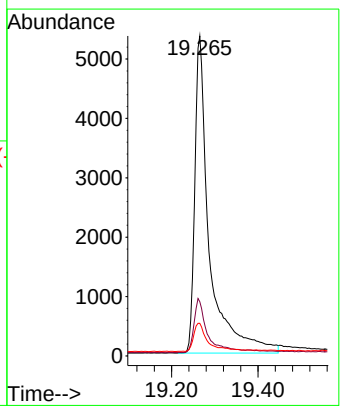


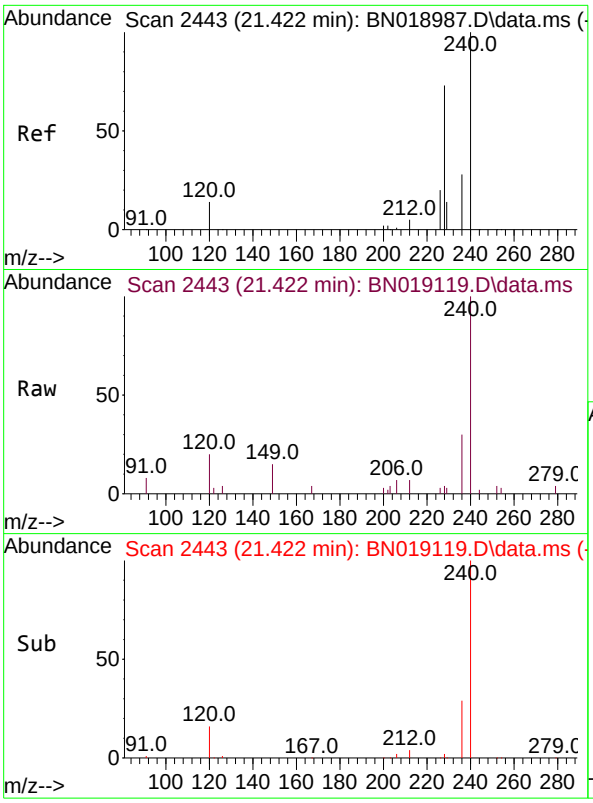


#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:212 Resp: 12514

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.7	19.1
104	8.5	7.1	10.7



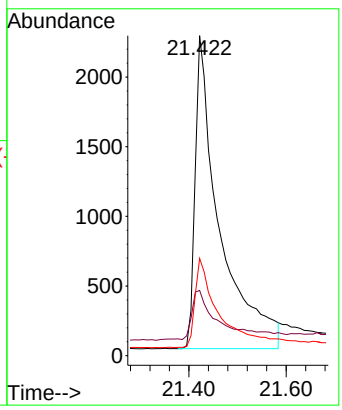


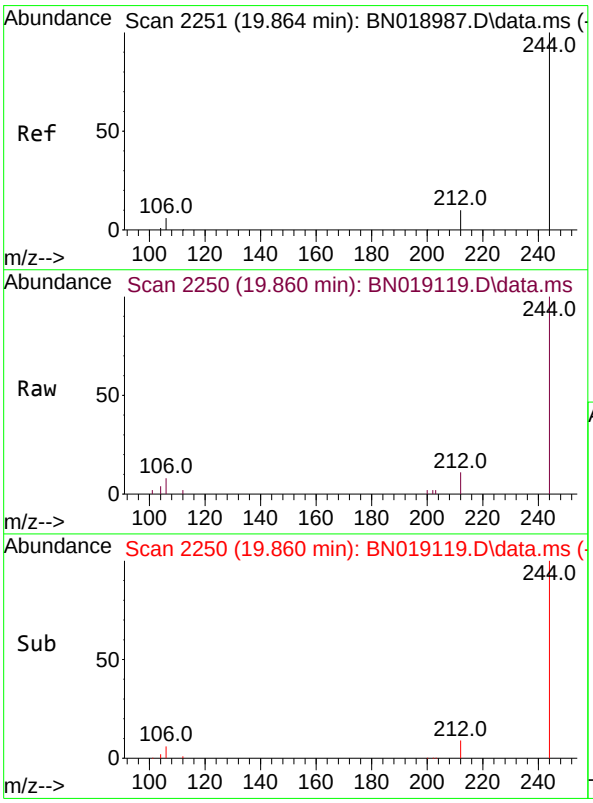
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 7796

Ion	Ratio	Lower	Upper
240	100		
120	20.4	8.5	12.7#
236	30.4	22.4	33.6

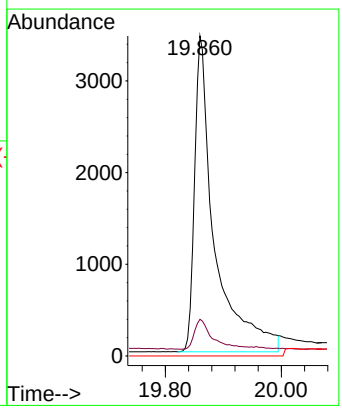


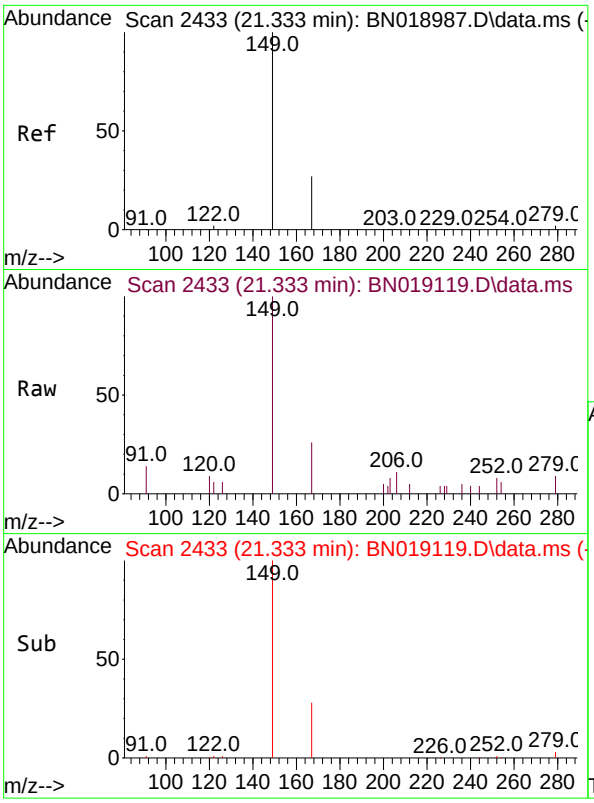


#31
Terphenyl-d14
Concen: 0.430 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:244 Resp: 8227

Ion	Ratio	Lower	Upper
244	100		
212	11.5	8.2	12.4
122	0.0	0.0	0.0



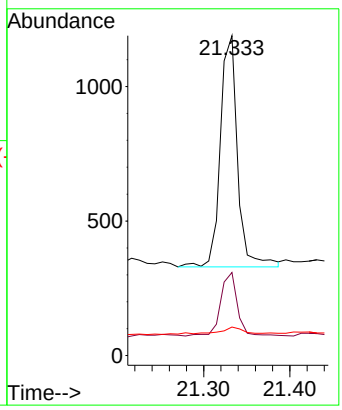


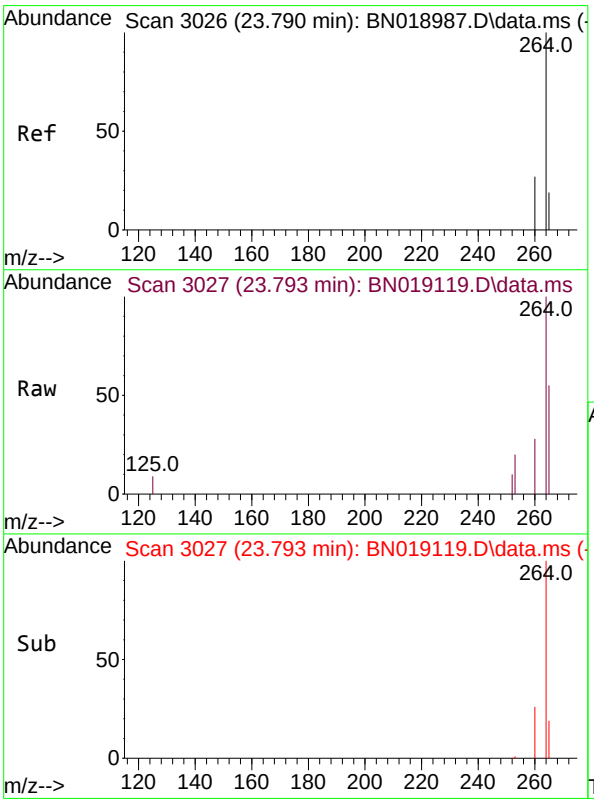
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 21.333 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1189

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.8
279	3.6	2.0	3.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.793 min Scan# 3027
Delta R.T. 0.003 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:264 Resp: 6171

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.4	33.6
265	55.3	25.3	37.9#