Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032922\
Data File : BN019221.D
Acq On : 29 Mar 2022 12:45
Operator : CG/JU
Sample : PB143655BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143655BL

Quant Time: Mar 29 17:28:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4903	0.400	ng	0.00
7) Naphthalene-d8	10.647	136	12230	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6556	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	10982	0.400	ng	0.00
29) Chrysene-d12	21.422	240	6613	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	5780	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3995	0.345	ng	0.00
5) Phenol-d6	7.002	99	3667	0.277	ng	0.00
8) Nitrobenzene-d5	9.003	82	2923	0.308	ng	0.01
11) 2-Methylnaphthalene-d10	12.238	152	6613	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	585	0.184	ng	0.01
15) 2-Fluorobiphenyl	13.116	172	8701	0.316	ng	0.01
27) Fluoranthene-d10	19.261	212	10703	0.333	ng	0.00
31) Terphenyl-d14	19.855	244	5604	0.380	ng	0.00
Target Compounds						Qvalue

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

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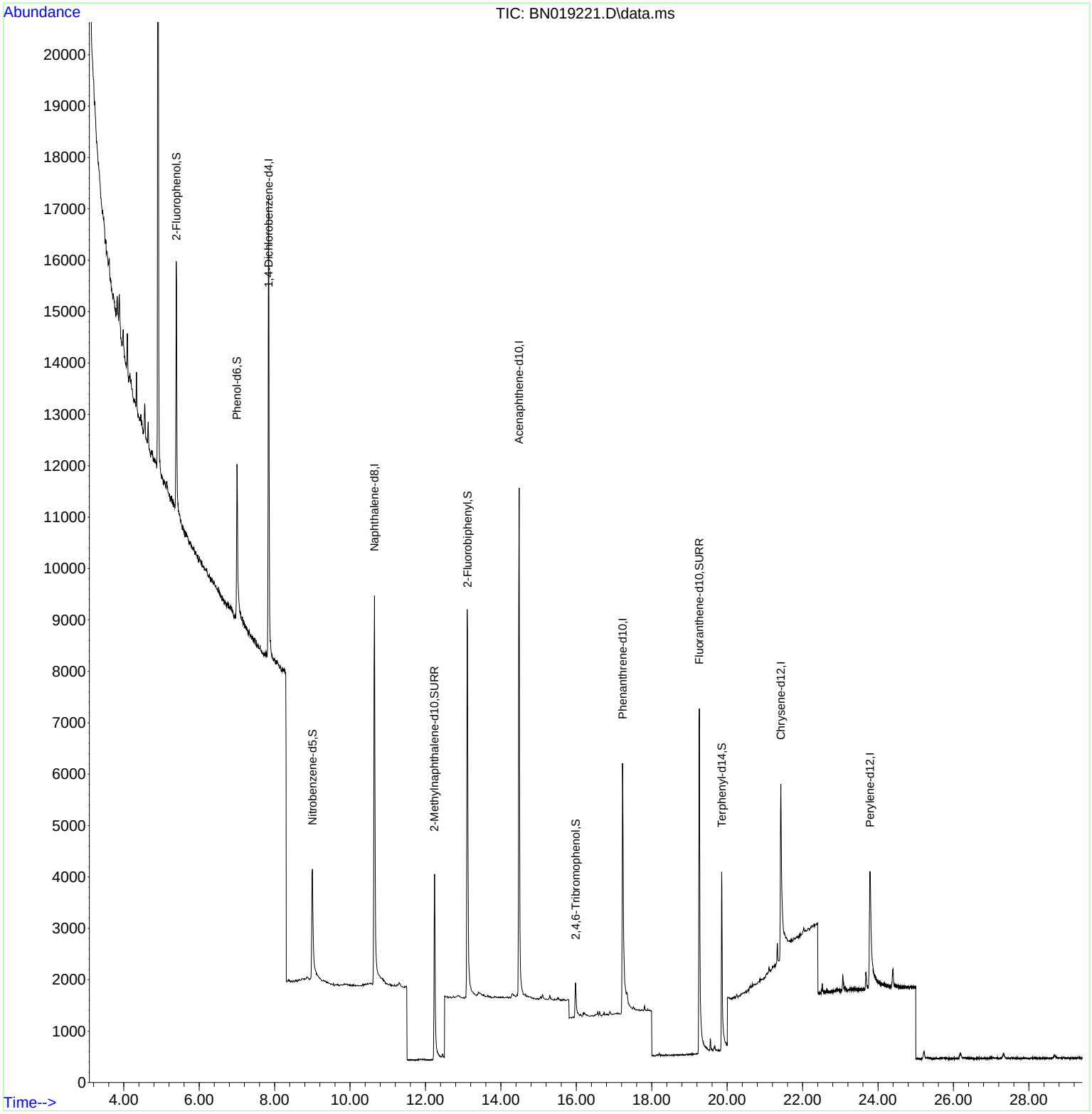
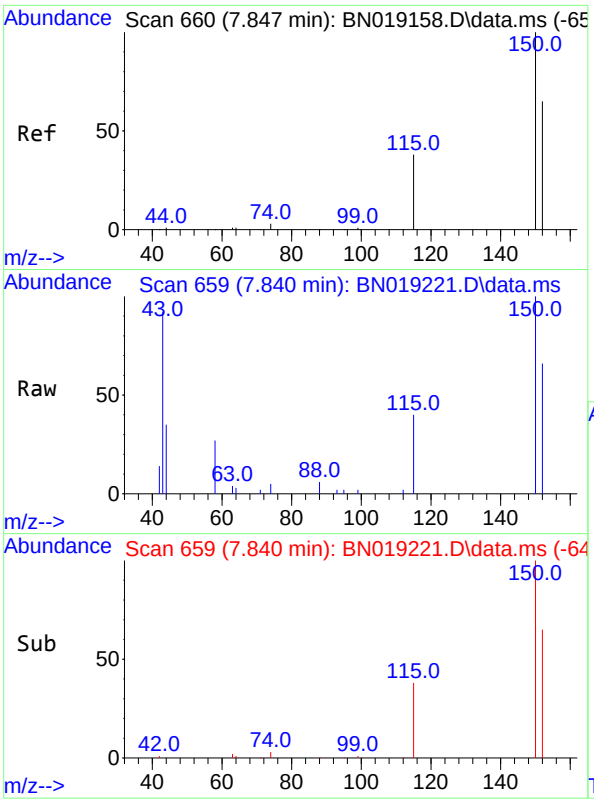


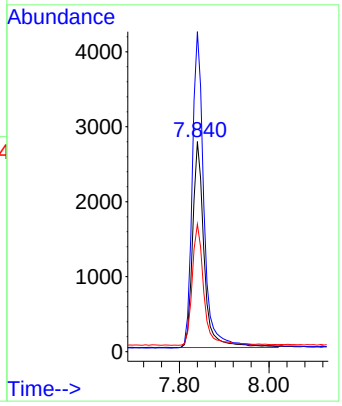


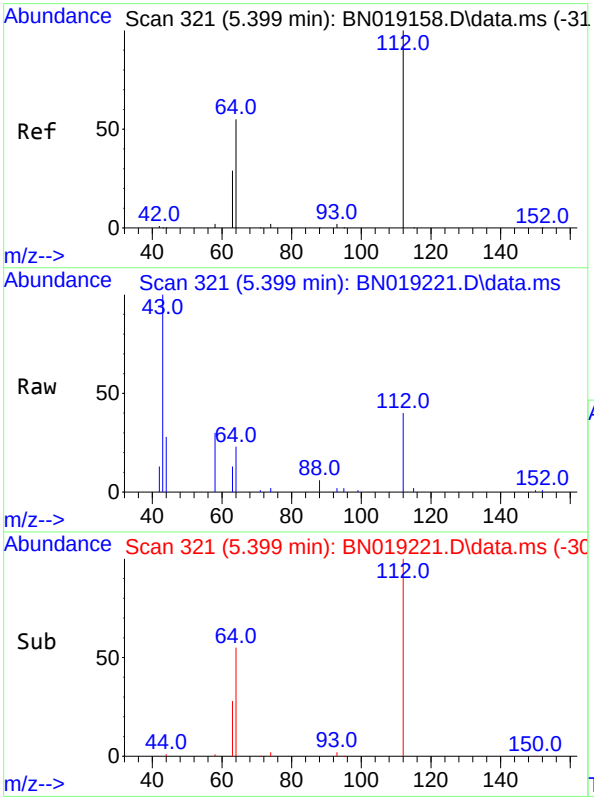
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Instrument :
BNA_N
ClientSampleId :
PB143655BL

Tgt Ion:152 Resp: 4903

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.9	185.9
115	60.7	48.2	72.4

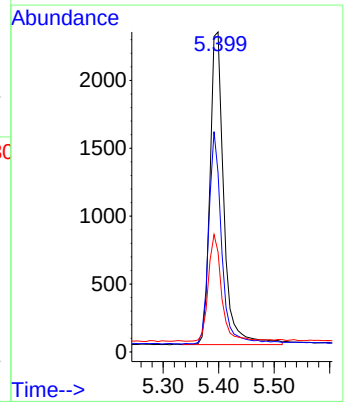


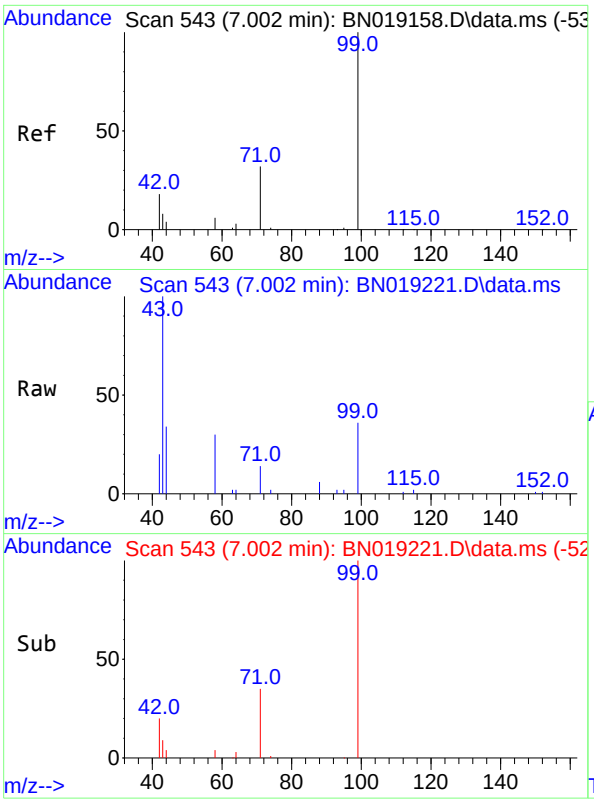


#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Tgt Ion:112 Resp: 3995

Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.8	71.8
63	32.6	25.7	38.5



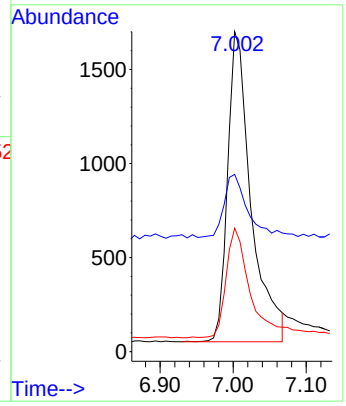


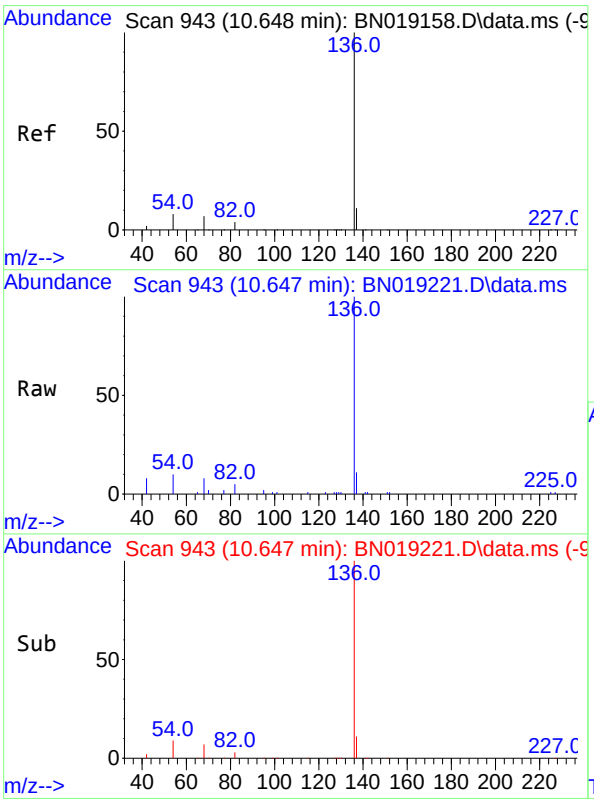
#5
Phenol-d6
Concen: 0.277 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Instrument :
BNA_N
ClientSampleId :
PB143655BL

Tgt Ion: 99 Resp: 3667

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.2	24.4
71	35.5	27.7	41.5

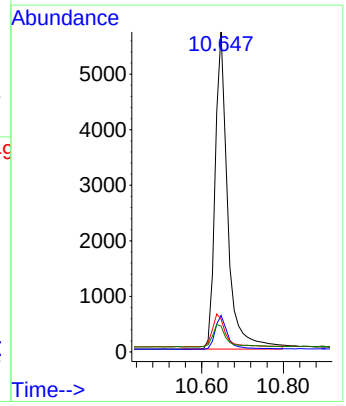


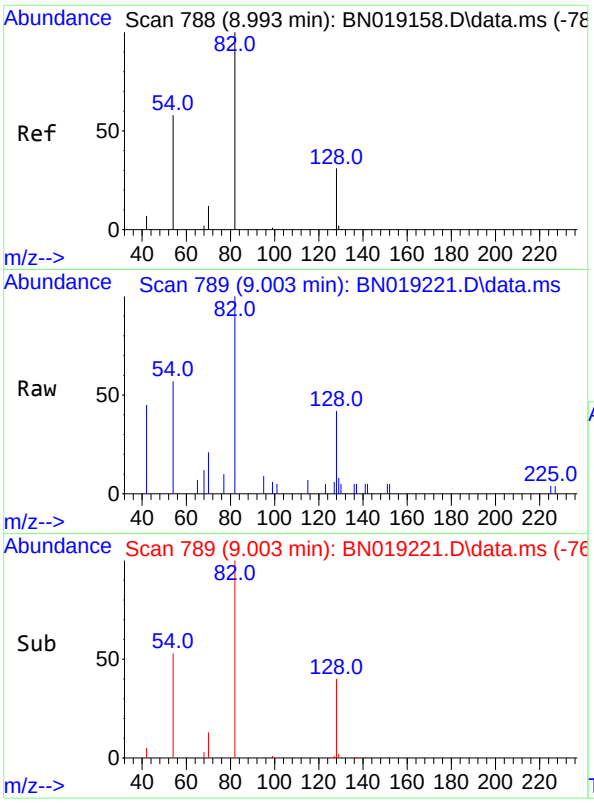


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Tgt Ion:136 Resp: 12230

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	10.2	5.8	8.6#
68	8.1	4.6	7.0#



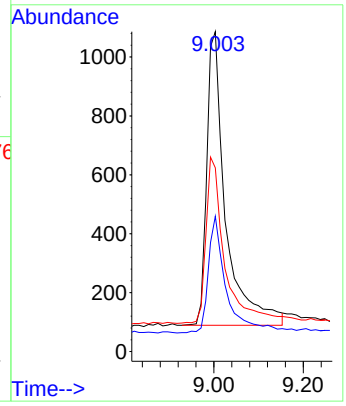


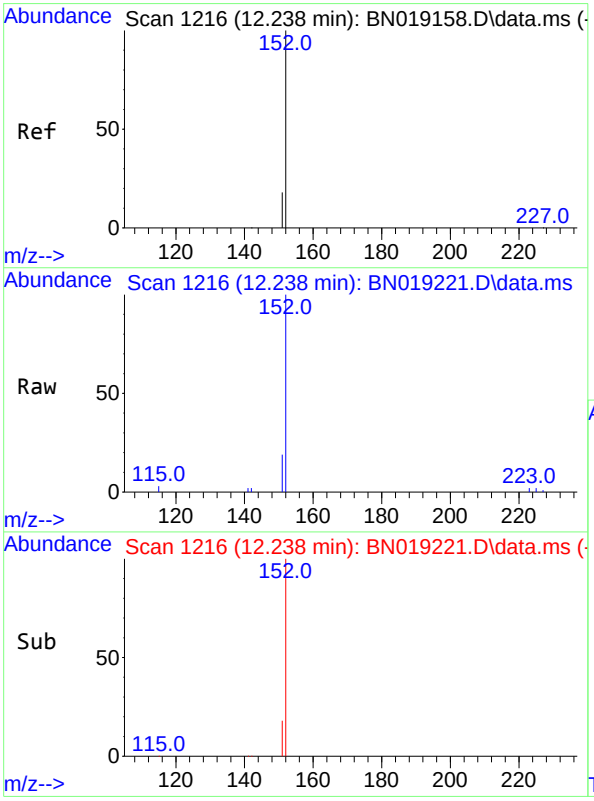
#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 9.003 min Scan# 7
Delta R.T. 0.010 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Instrument :
BNA_N
ClientSampleId :
PB143655BL

Tgt Ion: 82 Resp: 2923

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.0	49.6
54	57.5	42.5	63.7

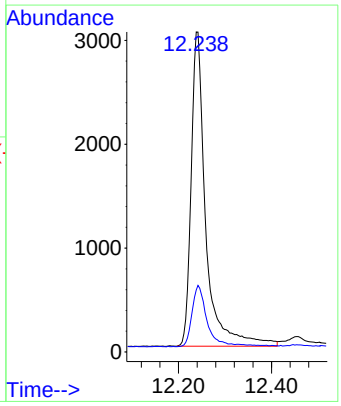


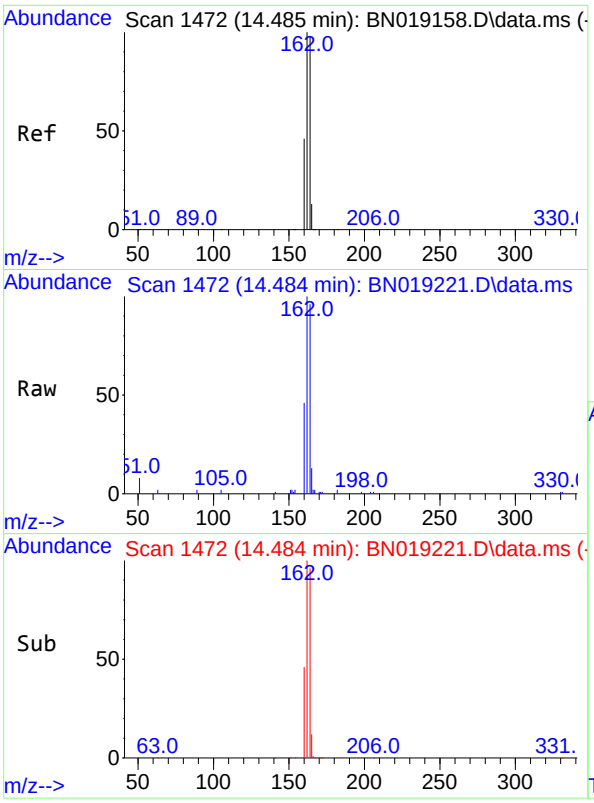


#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Tgt Ion:152 Resp: 6613

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.5	24.7



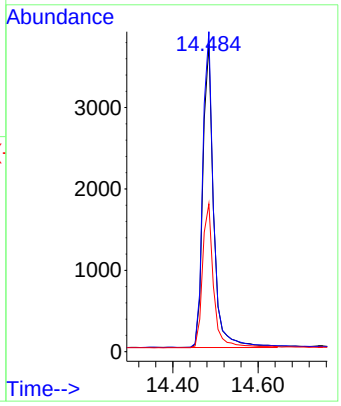


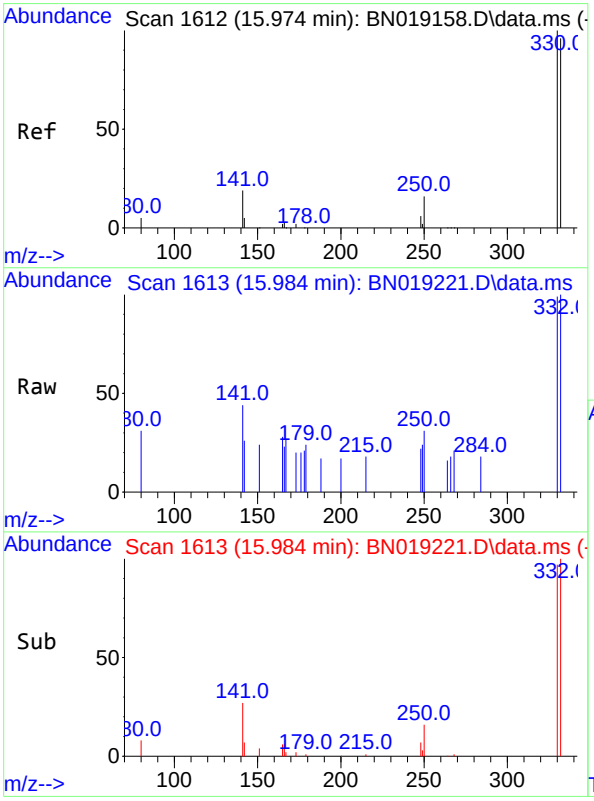
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Instrument :
BNA_N
ClientSampleId :
PB143655BL

Tgt Ion:164 Resp: 6556

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.2	127.8
160	48.1	41.5	62.3

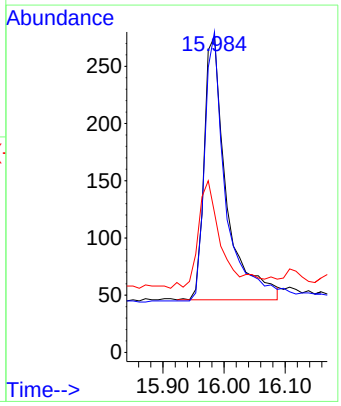


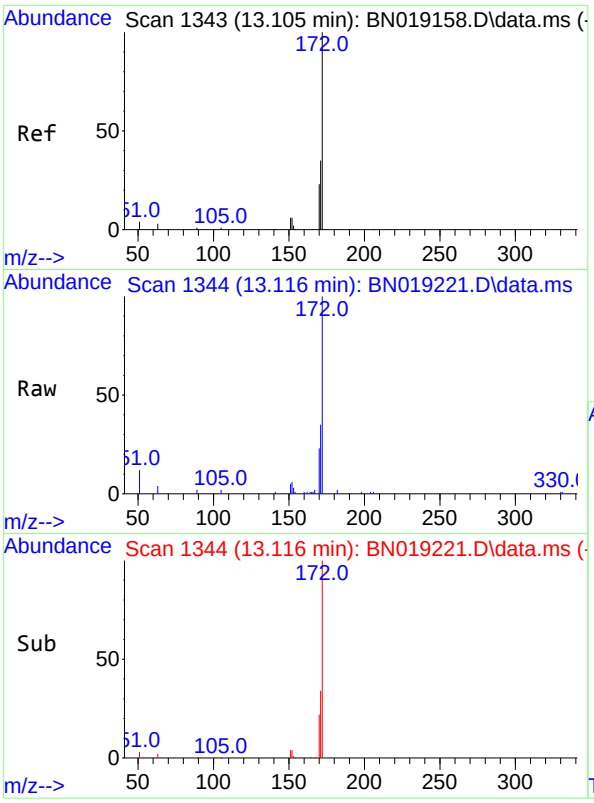


#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.984 min Scan# 1613
Delta R.T. 0.010 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Tgt Ion:330 Resp: 585

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	43.2	32.2	48.2



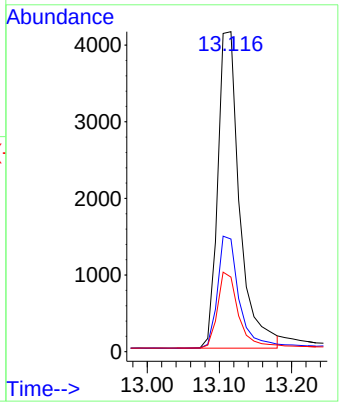


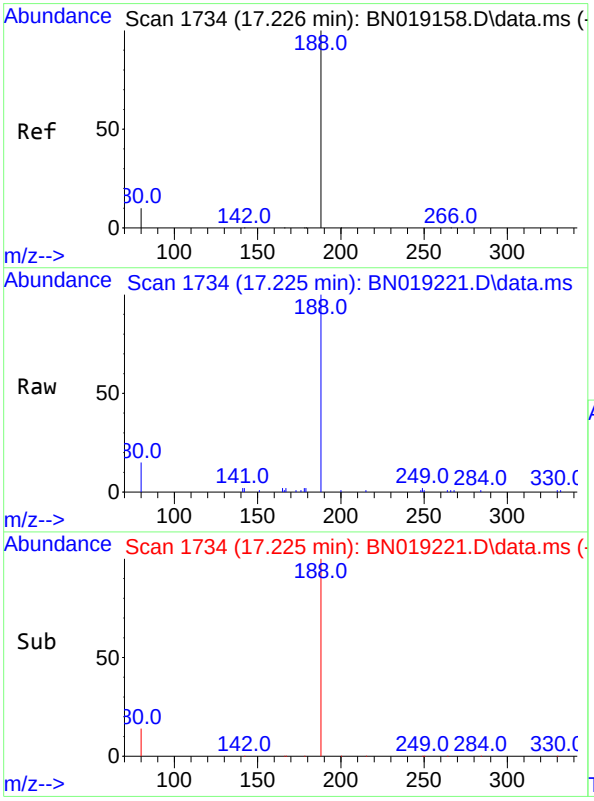
#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Instrument :
BNA_N
ClientSampleId :
PB143655BL

Tgt Ion:172 Resp: 8701

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.3	18.7	28.1

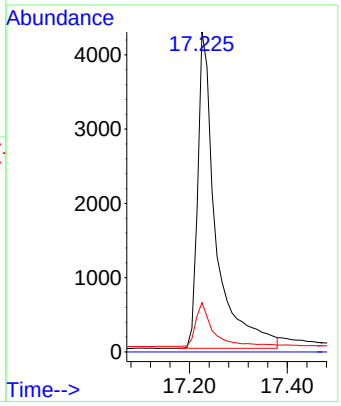


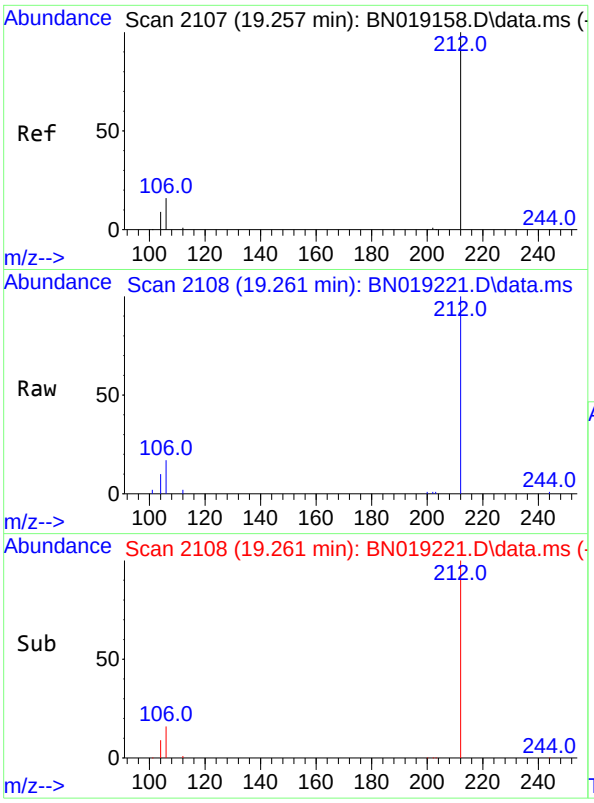


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Tgt Ion:188 Resp: 10982

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.4	11.8	17.8



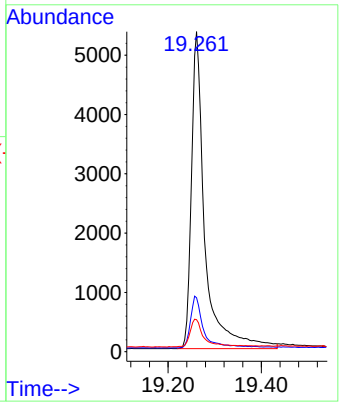


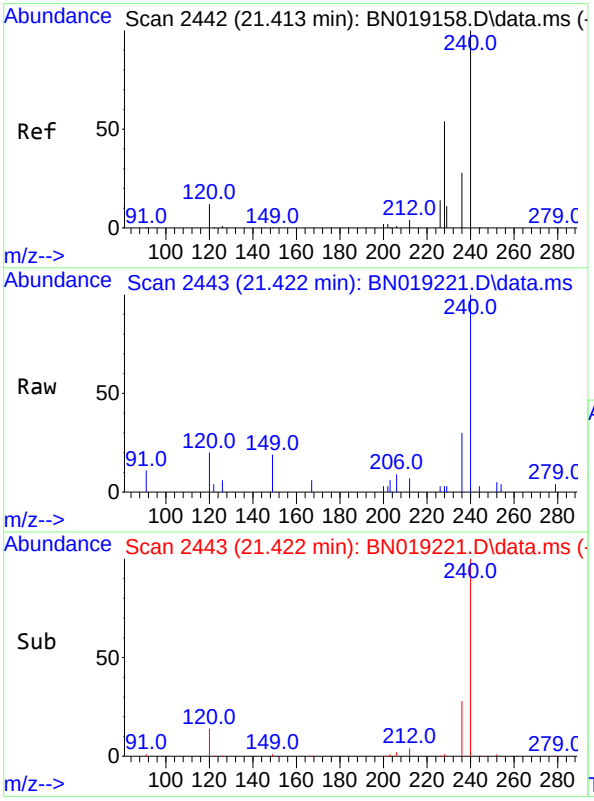
#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.261 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Instrument :
BNA_N
ClientSampleId :
PB143655BL

Tgt Ion:212 Resp: 10703

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.7	19.1
104	9.2	7.1	10.7

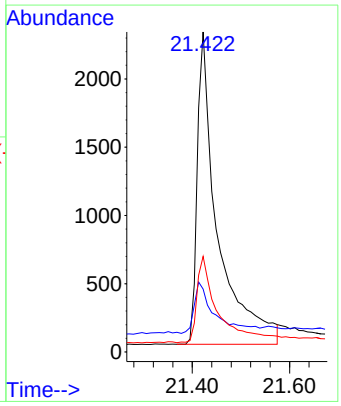


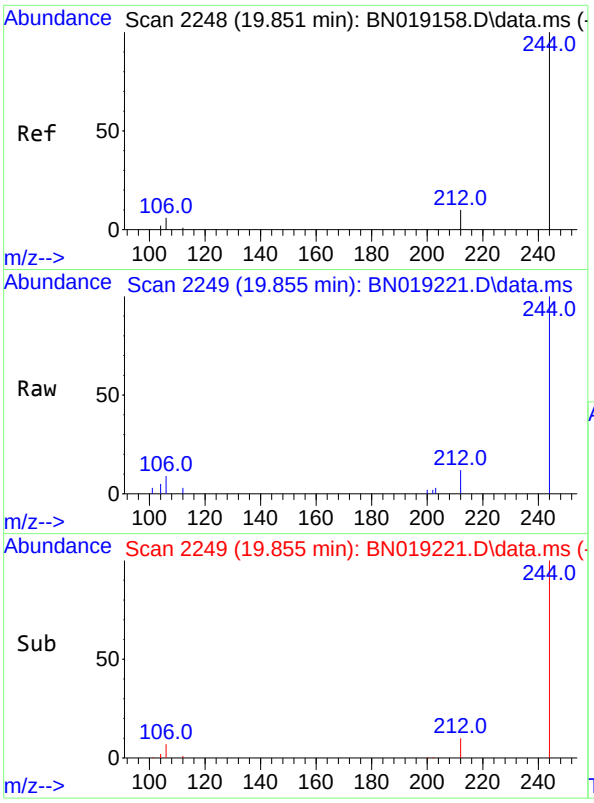


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Tgt Ion:240 Resp: 6613

Ion	Ratio	Lower	Upper
240	100		
120	19.7	8.5	12.7#
236	29.9	22.4	33.6



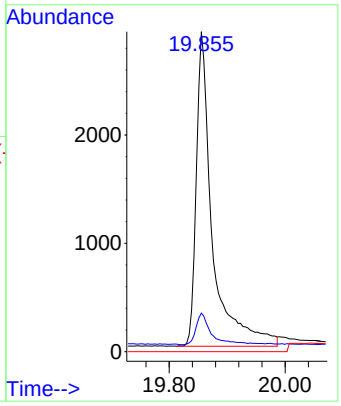


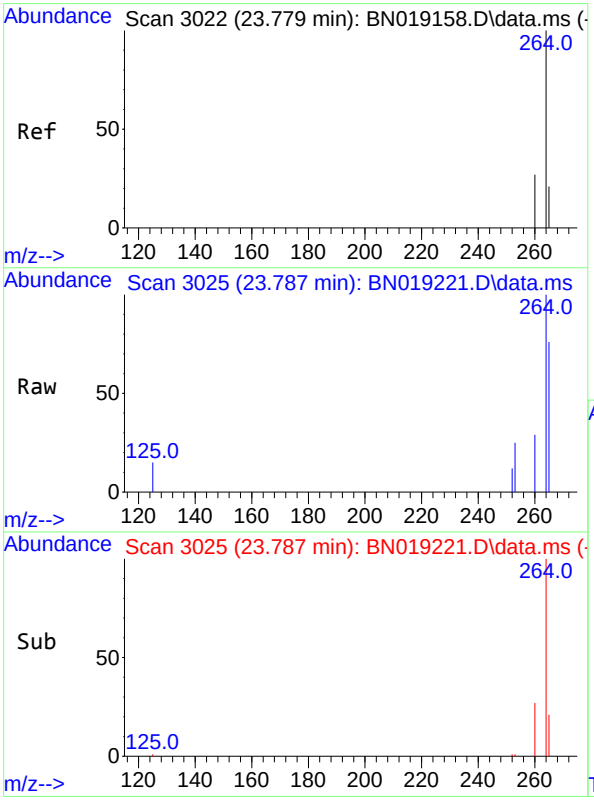
#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.855 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Instrument :
BNA_N
ClientSampleId :
PB143655BL

Tgt Ion:244 Resp: 5604

Ion	Ratio	Lower	Upper
244	100		
212	12.0	8.2	12.4
122	0.0	0.0	0.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.787 min Scan# 3025
Delta R.T. 0.009 min
Lab File: BN019221.D
Acq: 29 Mar 2022 12:45

Tgt Ion:264 Resp: 5780

Ion	Ratio	Lower	Upper
264	100		
260	29.4	22.4	33.6
265	75.8	25.3	37.9#