Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011823\
Data File : BN023707.D
Acq On : 18 Jan 2023 17:31
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 0.2ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Quant Time: Jan 19 07:53:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 07:52:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	4818	0.400	ng	0.00
7) Naphthalene-d8	10.818	136	12545	0.400	ng	# 0.01
13) Acenaphthene-d10	14.645	164	6300	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	13683	0.400	ng	# 0.01
29) Chrysene-d12	21.589	240	10712	0.400	ng	0.00
35) Perylene-d12	24.065	264	8246	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.529	112	2969	0.293	ng	0.00
5) Phenol-d6	7.154	99	3525	0.293	ng	0.00
8) Nitrobenzene-d5	9.164	82	2534	0.255	ng	0.01
11) 2-Methylnaphthalene-d10	12.405	152	8591	0.495	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	648	0.242	ng	0.01
15) 2-Fluorobiphenyl	13.276	172	6946	0.259	ng	0.01
27) Fluoranthene-d10	19.431	212	13277	0.414	ng	0.00
31) Terphenyl-d14	20.022	244	4856	0.287	ng	0.00
Target Compounds						Qvalue

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

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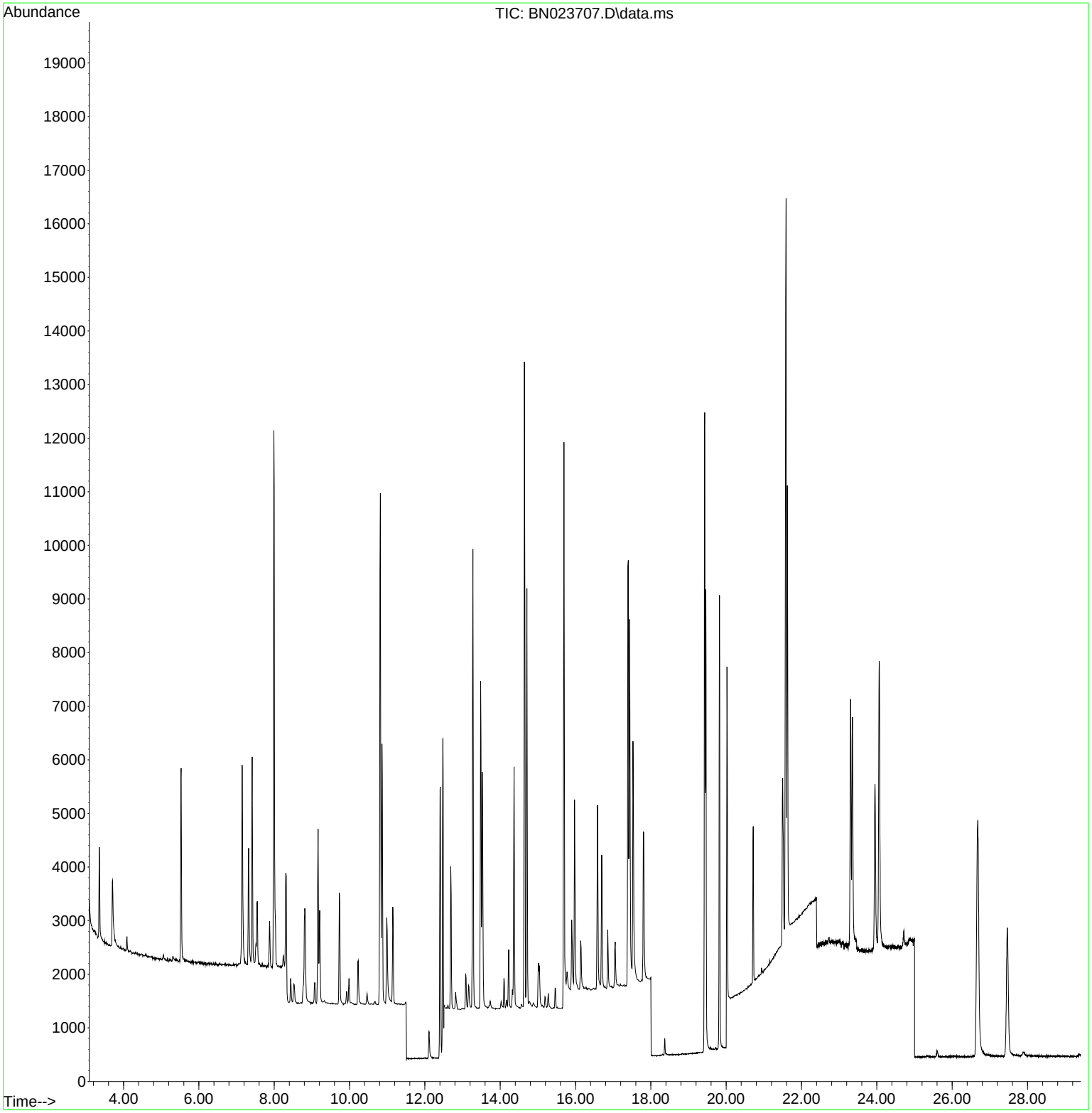
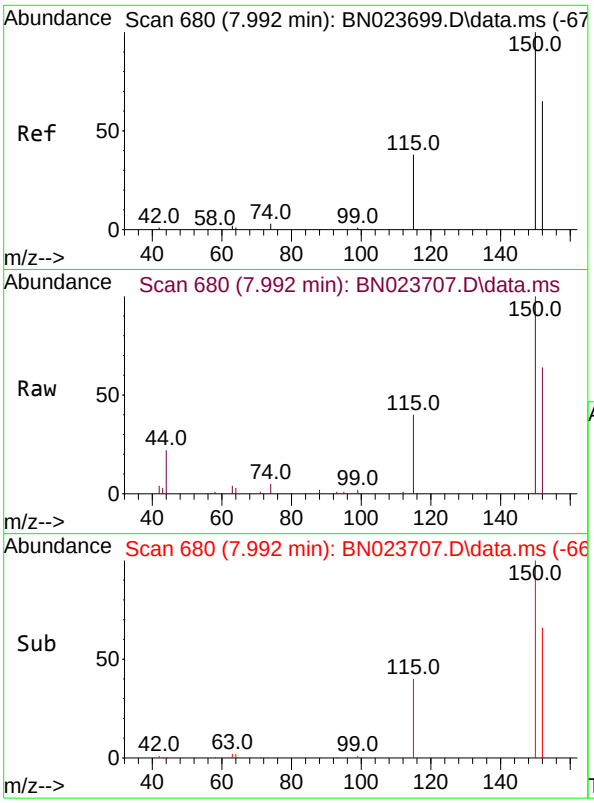


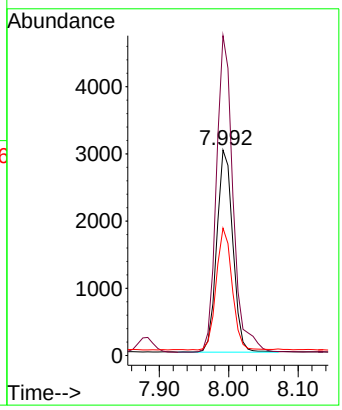


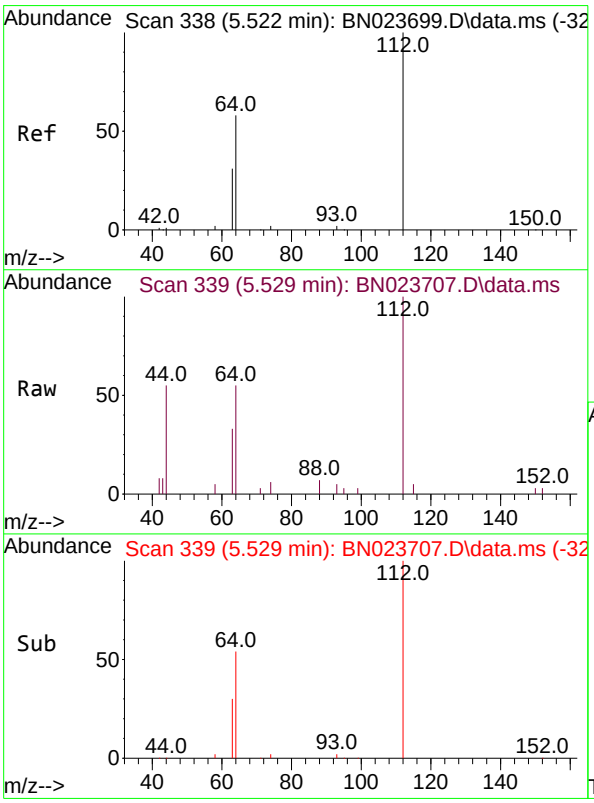
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.992 min Scan# 68
Delta R.T. -0.000 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:152 Resp: 4818

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.4	183.6
115	62.0	48.2	72.4

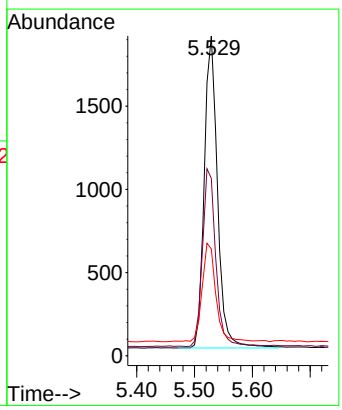


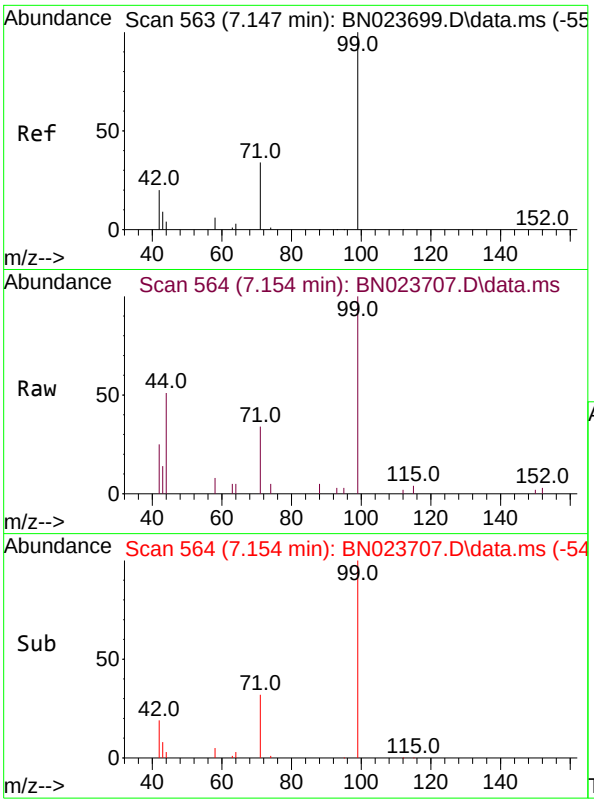


#4
2-Fluorophenol
Concen: 0.293 ng
RT: 5.529 min Scan# 339
Delta R.T. 0.007 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Tgt Ion:112 Resp: 2969

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.8	68.8
63	32.7	25.3	37.9



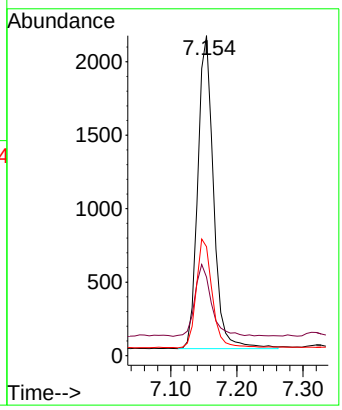


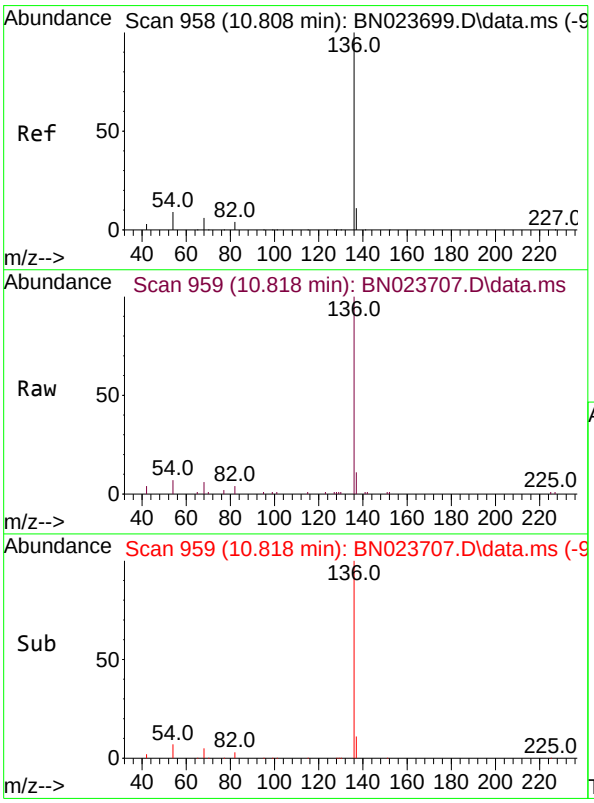
#5
Phenol-d6
Concen: 0.293 ng
RT: 7.154 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 99 Resp: 3525

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.4	29.0
71	35.2	28.7	43.1

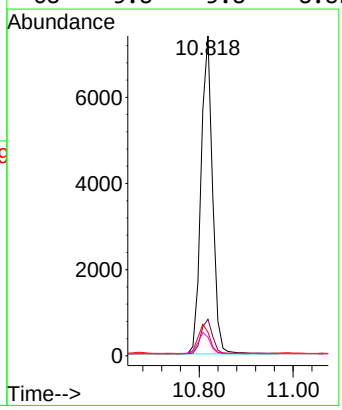


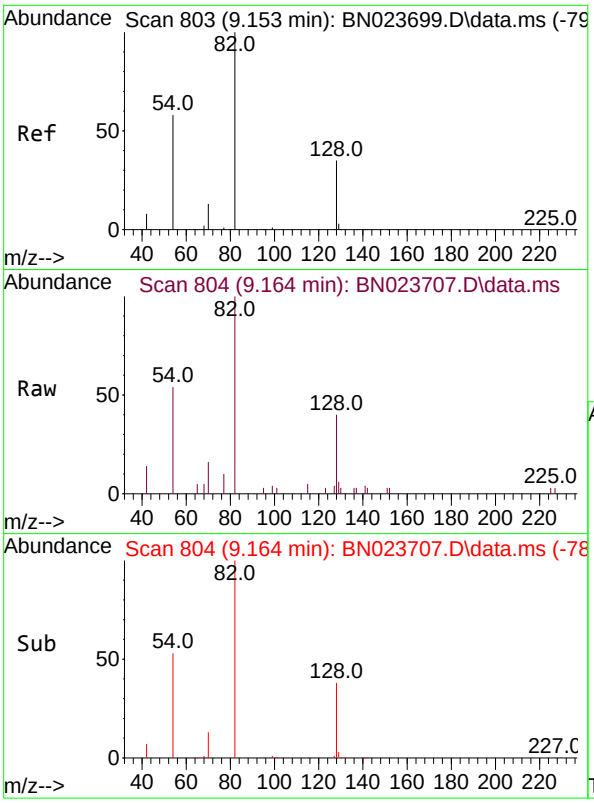


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.818 min Scan# 959
Delta R.T. 0.011 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Tgt Ion:136 Resp: 12545

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.4	7.5	11.3#
68	5.8	5.8	8.8#



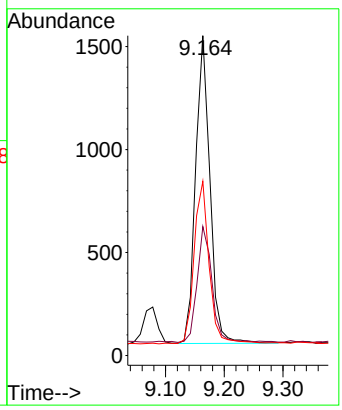


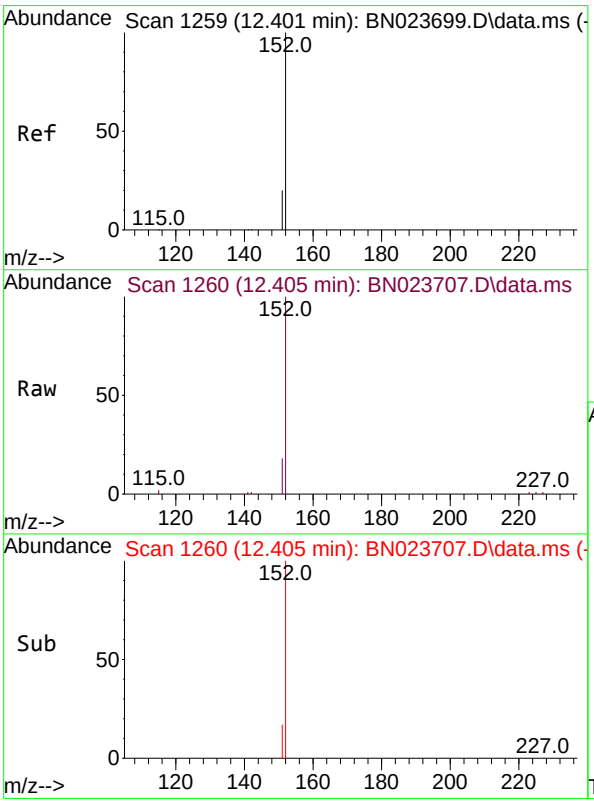
#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 9.164 min Scan# 80
Delta R.T. 0.011 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 82 Resp: 2534

Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.2	45.2
54	54.5	47.3	70.9

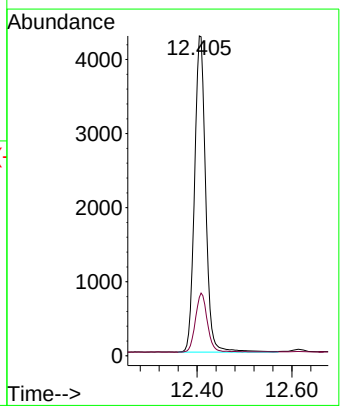


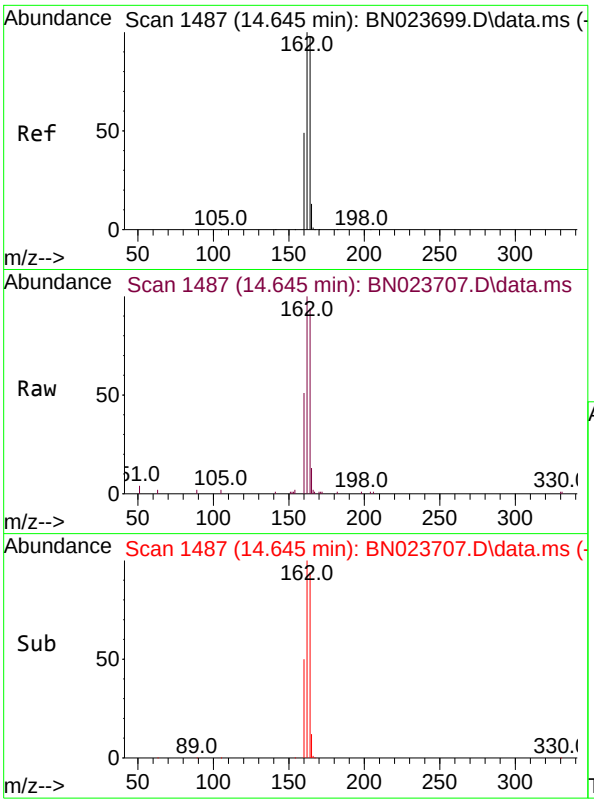


#11
2-Methylnaphthalene-d10
Concen: 0.495 ng
RT: 12.405 min Scan# 1260
Delta R.T. 0.004 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Tgt Ion:152 Resp: 8591

Ion	Ratio	Lower	Upper
152	100		
151	16.0	17.1	25.7#



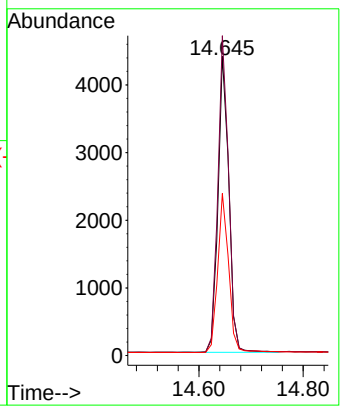


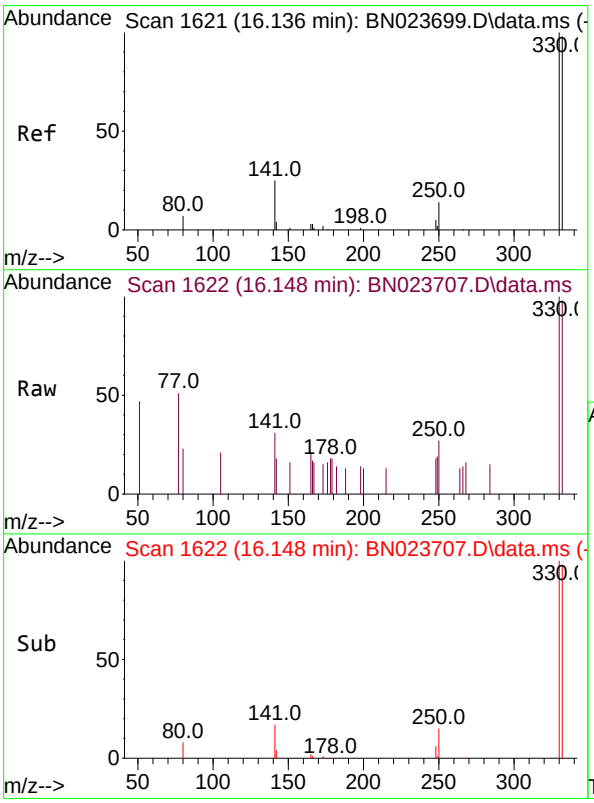
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:164 Resp: 6300

Ion	Ratio	Lower	Upper
164	100		
162	106.8	81.8	122.6
160	54.2	40.3	60.5

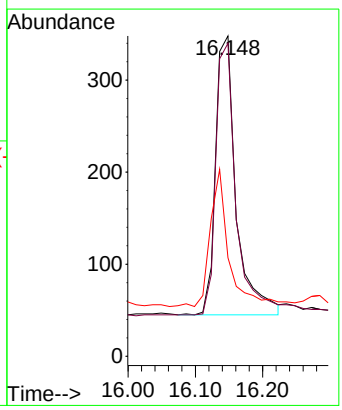


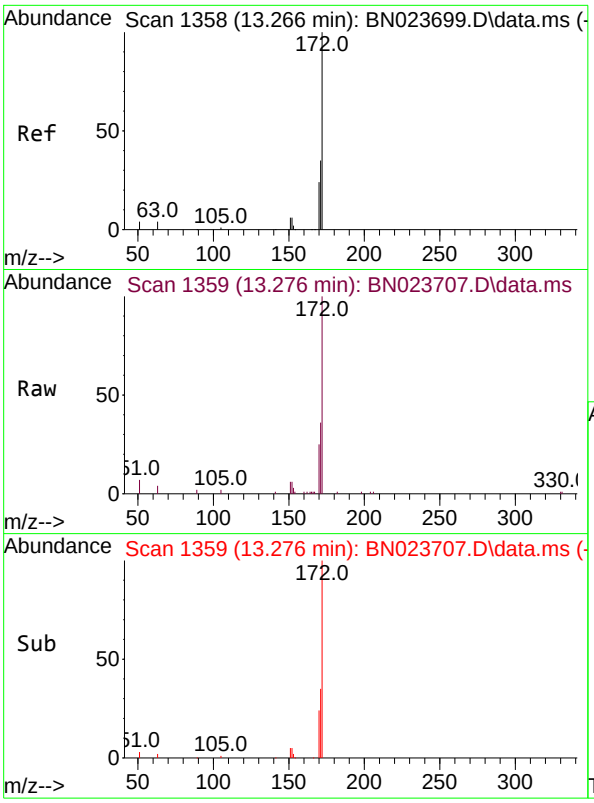


#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 16.148 min Scan# 1622
Delta R.T. 0.012 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Tgt Ion:330 Resp: 648

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	44.0	35.0	52.4



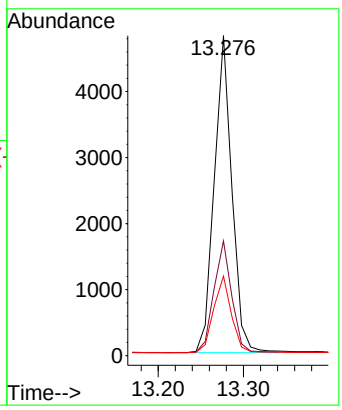


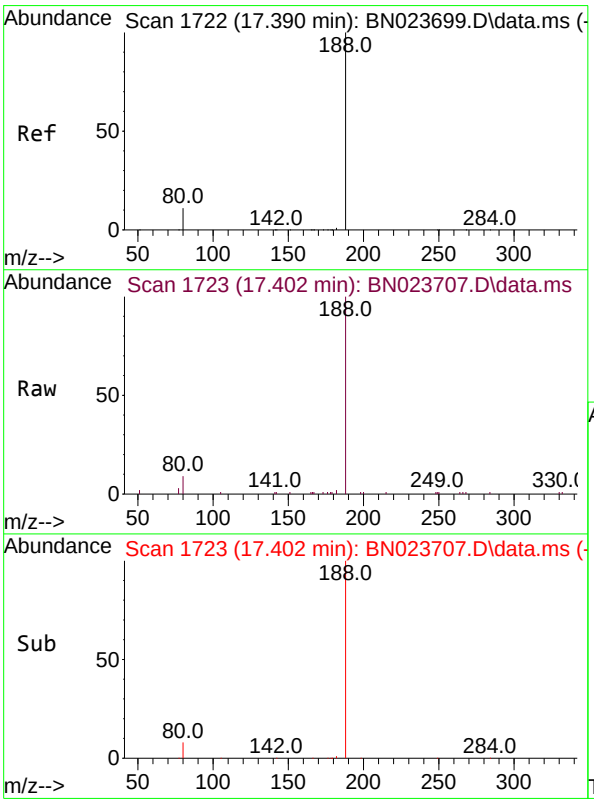
#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 13.276 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:172 Resp: 6946

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.8	20.0	30.0

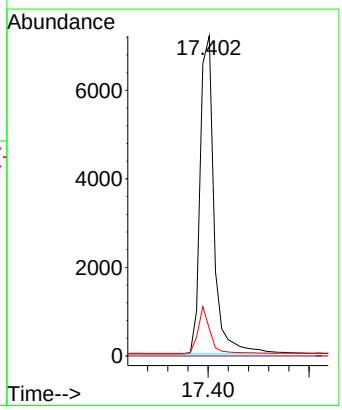


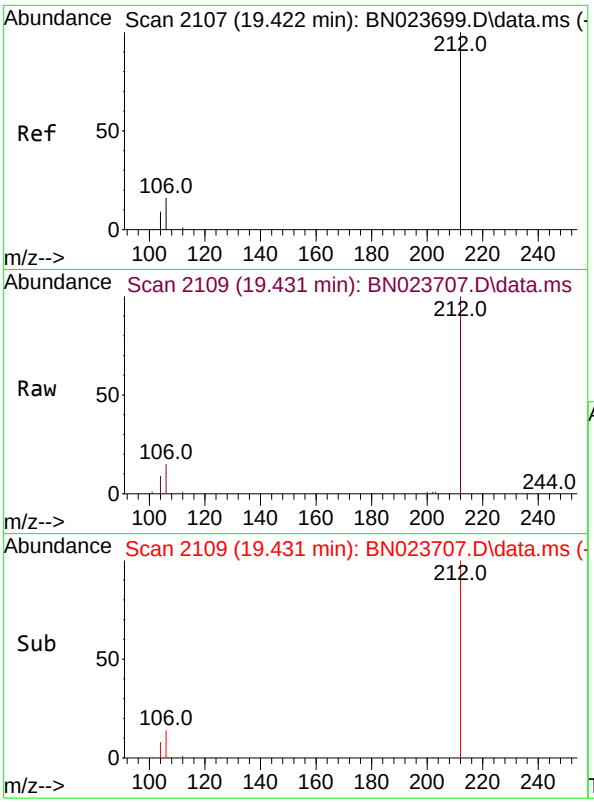


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. 0.013 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Tgt Ion:188 Resp: 13683

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	9.5	14.3#



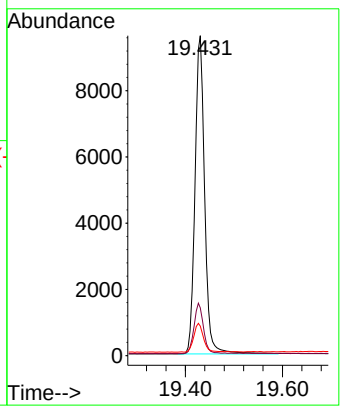


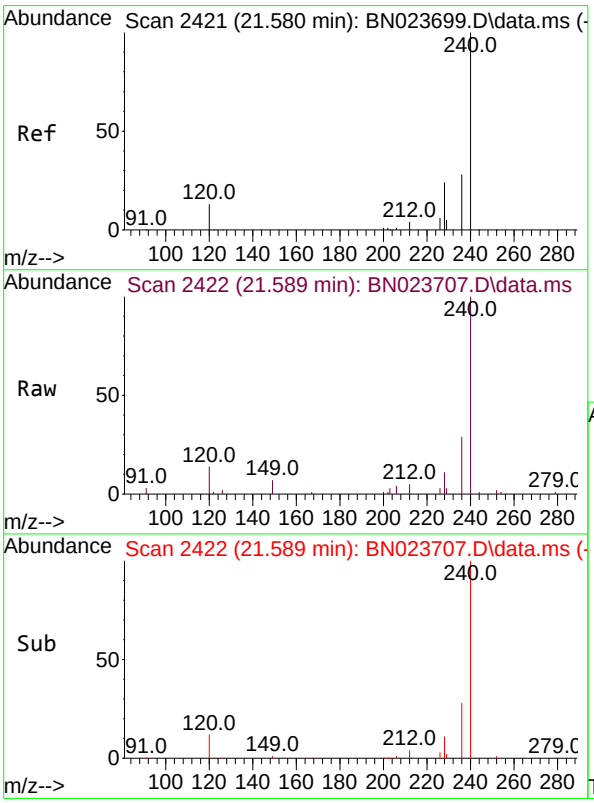
#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.431 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:212 Resp: 13277

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.4	18.6
104	9.2	7.1	10.7

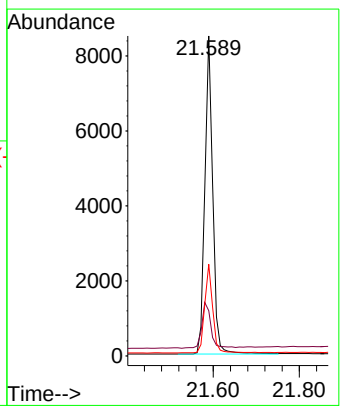


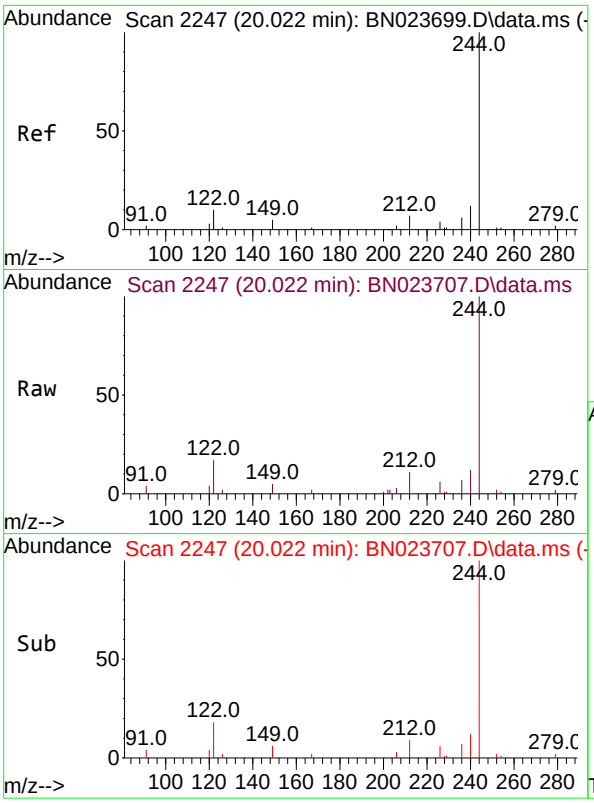


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 2422
Delta R.T. 0.009 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Tgt Ion:240 Resp: 10712

Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.0	18.0
236	28.6	22.8	34.2



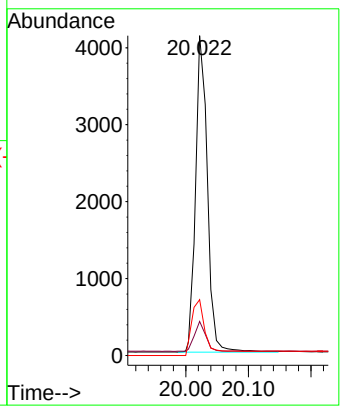


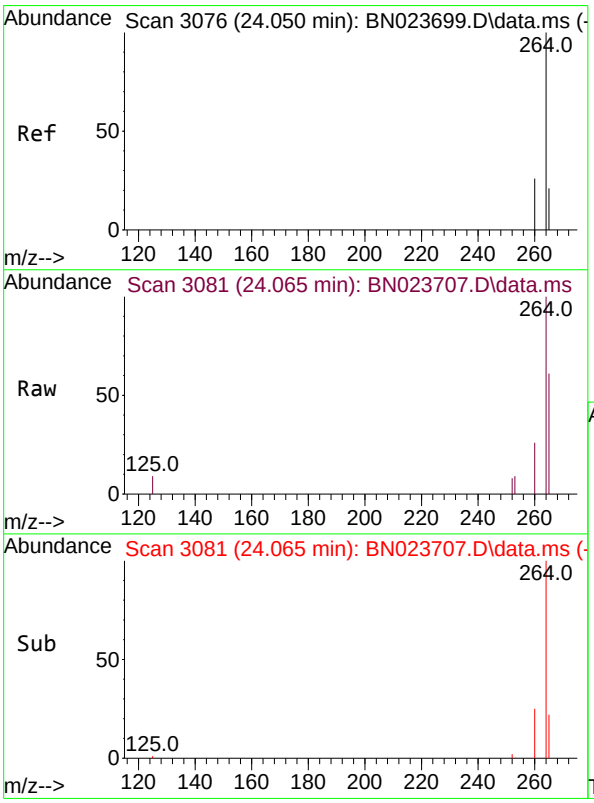
#31
Terphenyl-d14
Concen: 0.287 ng
RT: 20.022 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:244 Resp: 4856

Ion	Ratio	Lower	Upper
244	100		
212	10.7	6.5	9.7#
122	17.5	7.6	11.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.065 min Scan# 3081
Delta R.T. 0.015 min
Lab File: BN023707.D
Acq: 18 Jan 2023 17:31

Tgt Ion:264 Resp: 8246

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	61.3	49.9	74.9