Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN030013.D
Acq On : 25 Feb 2024 04:43
Operator : MA/JU
Sample : PB159197BL
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159197BL

Quant Time: Feb 26 02:47:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4021	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9917	0.400	ng	0.01
13) Acenaphthene-d10	14.511	164	4419	0.400	ng	0.02
19) Phenanthrene-d10	17.293	188	8318	0.400	ng	0.04
29) Chrysene-d12	21.483	240	5774	0.400	ng	0.03
35) Perylene-d12	23.847	264	5230	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	3685	0.381	ng	0.00
5) Phenol-d6	7.031	99	3369	0.302	ng	0.00
8) Nitrobenzene-d5	9.036	82	3191	0.386	ng	0.02
11) 2-Methylnaphthalene-d10	12.257	152	4800	0.355	ng	0.01
14) 2,4,6-Tribromophenol	16.052	330	389	0.274	ng	0.05
15) 2-Fluorobiphenyl	13.143	172	6177	0.326	ng	0.02
27) Fluoranthene-d10	19.313	212	8243	0.409	ng	0.02
31) Terphenyl-d14	19.917	244	6011	0.419	ng	0.02
Target Compounds						Qvalue

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

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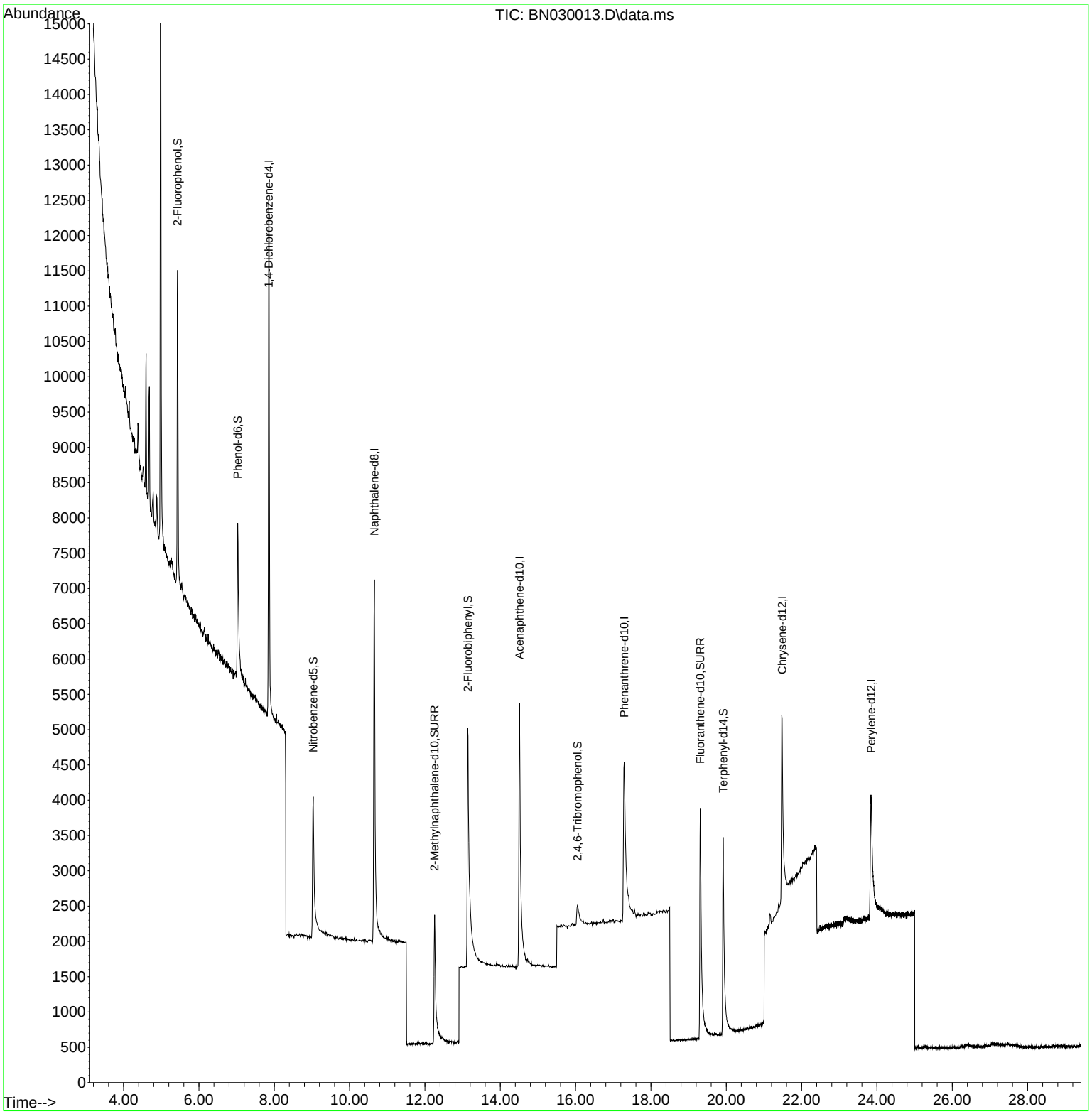
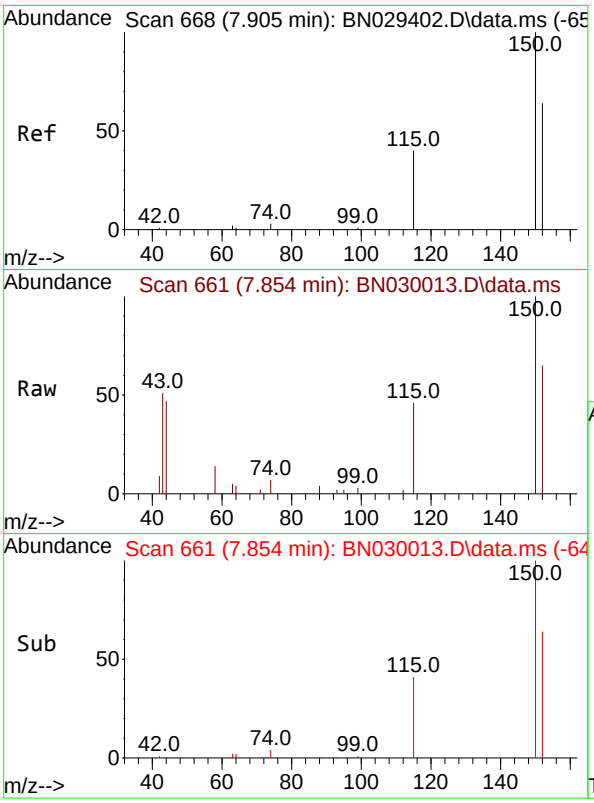


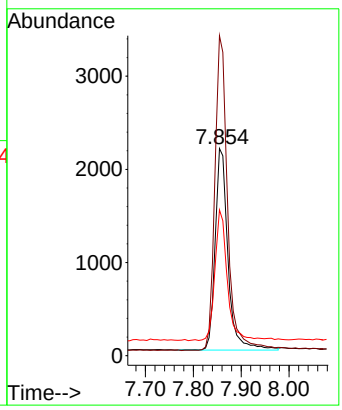


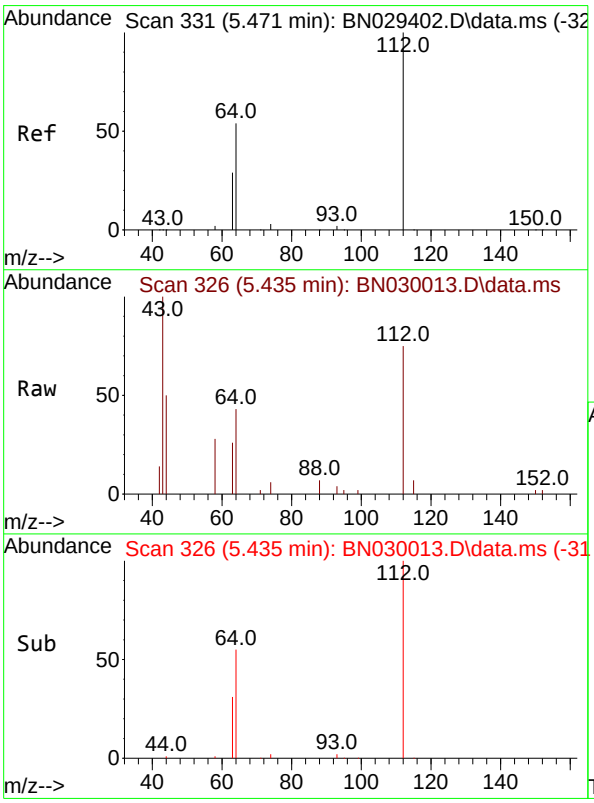
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Instrument :
BNA_N
ClientSampleId :
PB159197BL

Tgt Ion:152 Resp: 4021

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.4
115	70.3	51.4	77.0

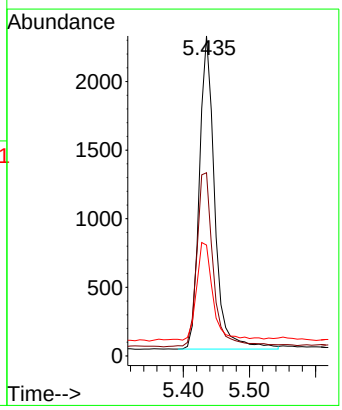


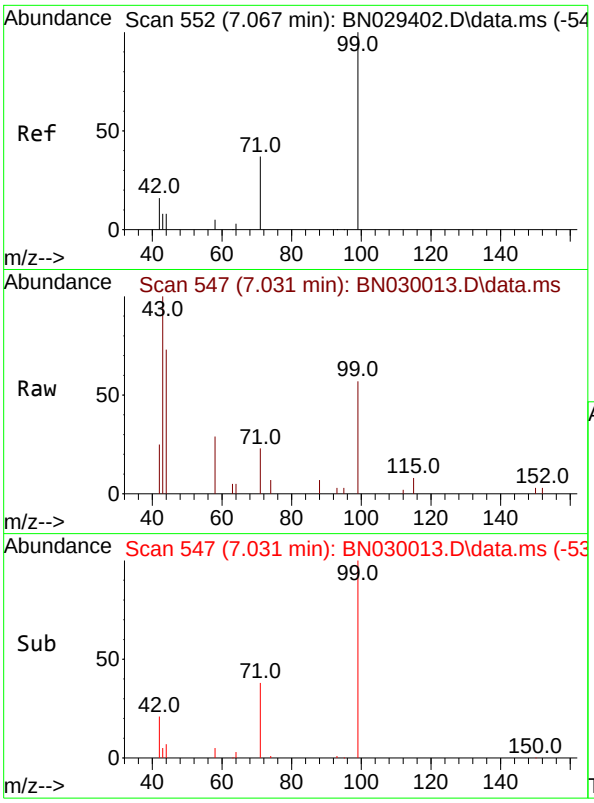


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:112 Resp: 3685

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.2	70.8
63	33.0	25.8	38.6



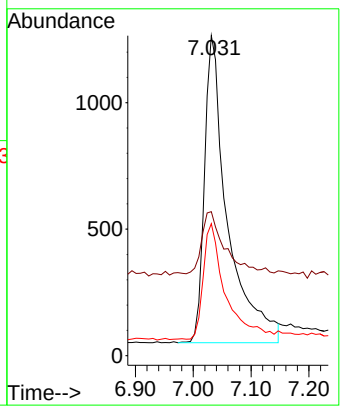


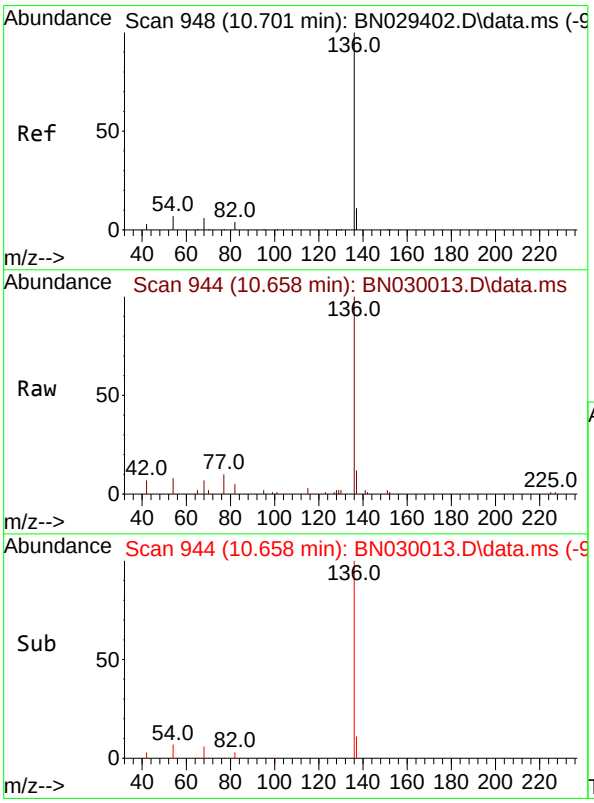
#5
Phenol-d6
Concen: 0.302 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Instrument :
BNA_N
ClientSampleId :
PB159197BL

Tgt Ion: 99 Resp: 3369

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.9	25.3
71	36.3	30.0	45.0

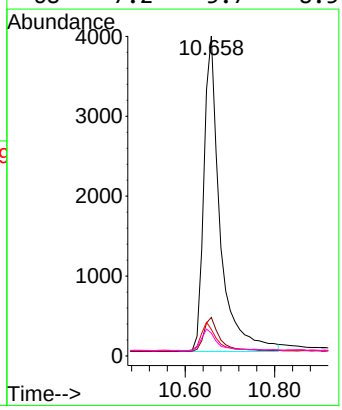


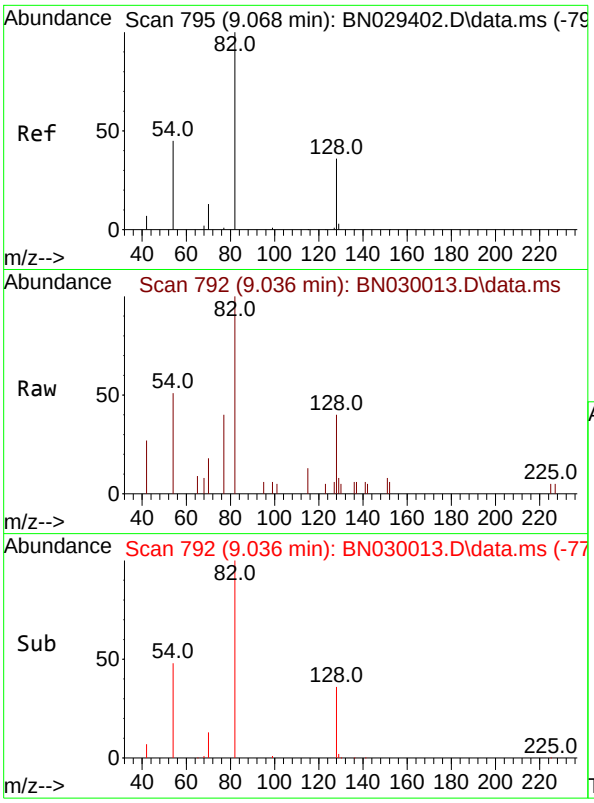


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:136 Resp: 9917

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	8.3	6.6	10.0
68	7.2	5.7	8.5



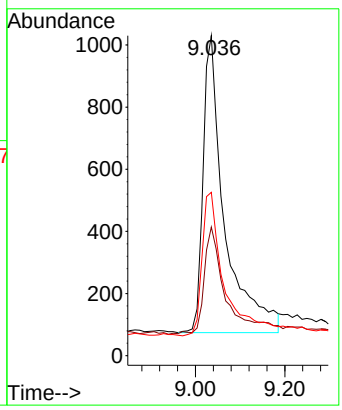


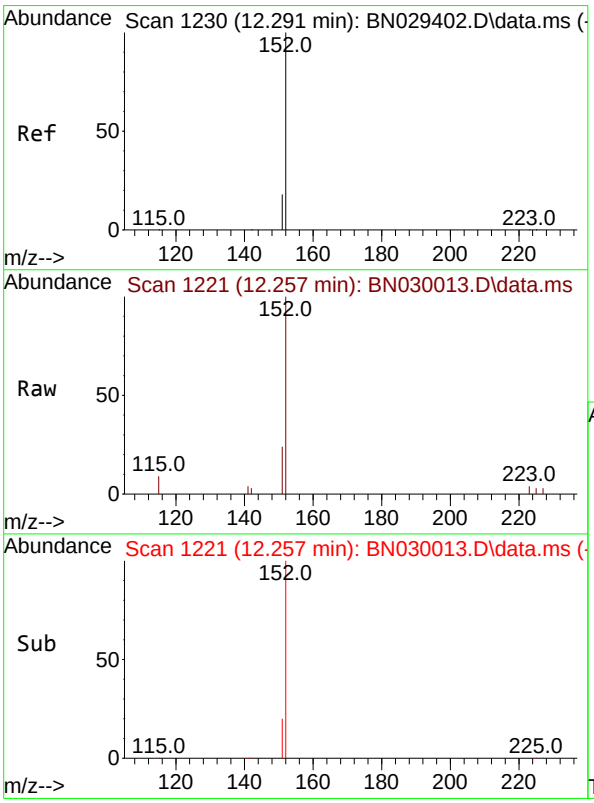
#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.036 min Scan# 7
Delta R.T. 0.022 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Instrument :
BNA_N
ClientSampleId :
PB159197BL

Tgt Ion: 82 Resp: 3191

Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.6	47.4
54	51.1	38.2	57.4

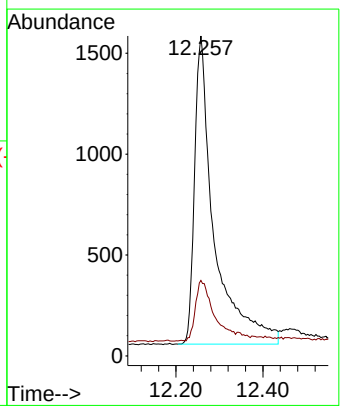


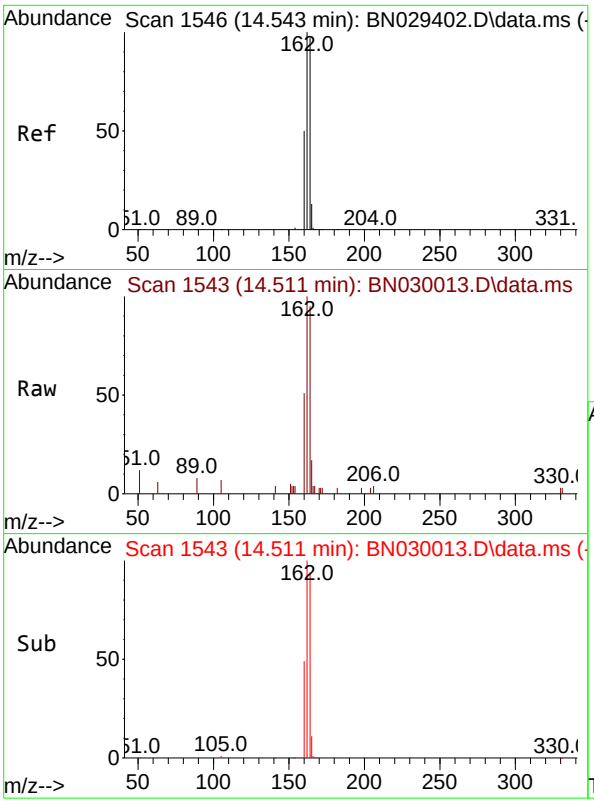


#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.012 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:152 Resp: 4800

Ion	Ratio	Lower	Upper
152	100		
151	18.0	17.1	25.7



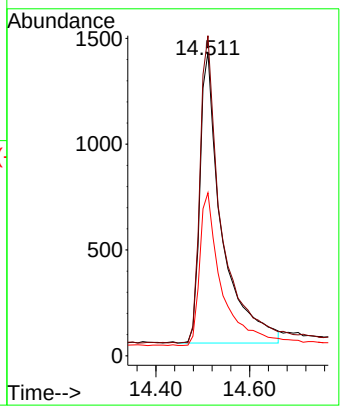


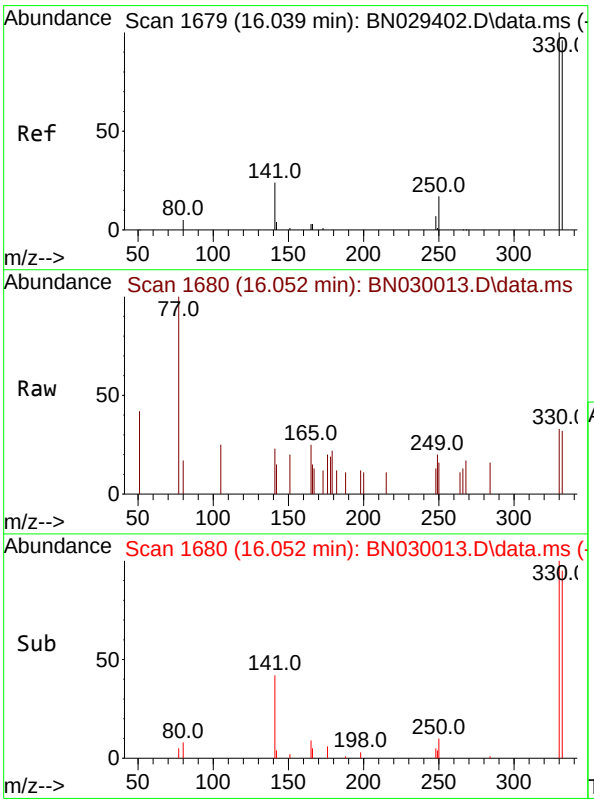
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 1
Delta R.T. 0.022 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Instrument :
BNA_N
ClientSampleId :
PB159197BL

Tgt Ion:164 Resp: 4419

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	53.7	41.5	62.3

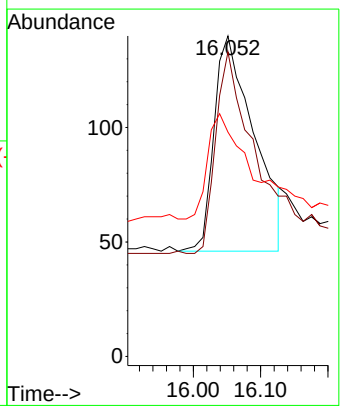


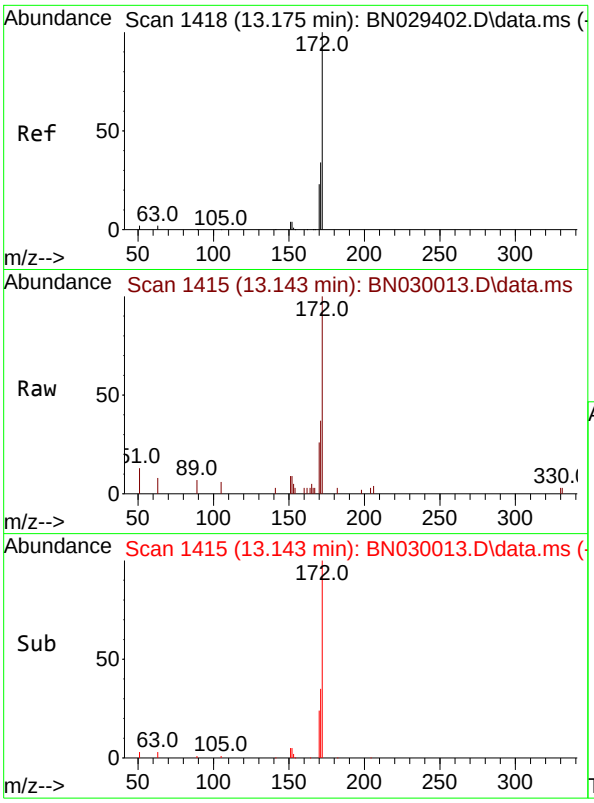


#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.052 min Scan# 1680
Delta R.T. 0.050 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:330 Resp: 389

Ion	Ratio	Lower	Upper
330	100		
332	86.4	76.0	114.0
141	50.1	43.4	65.2



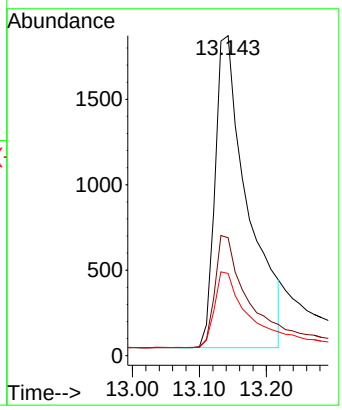


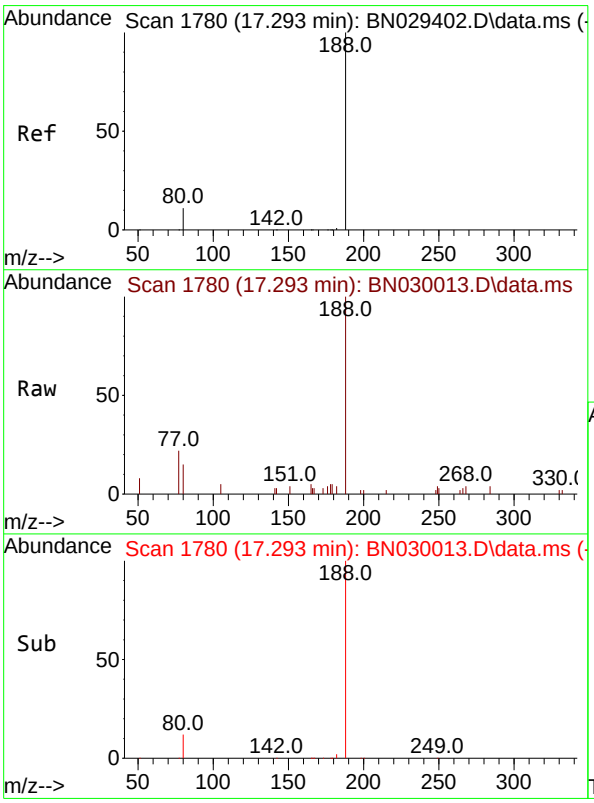
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.143 min Scan# 14
Delta R.T. 0.022 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Instrument :
BNA_N
ClientSampleId :
PB159197BL

Tgt Ion:172 Resp: 6177

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.0	42.0
170	25.7	18.7	28.1

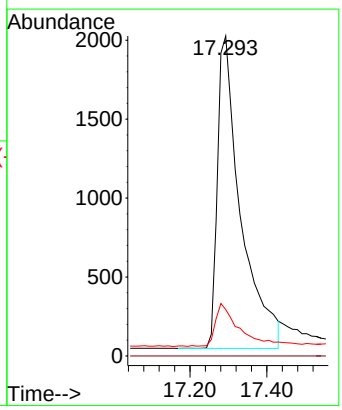


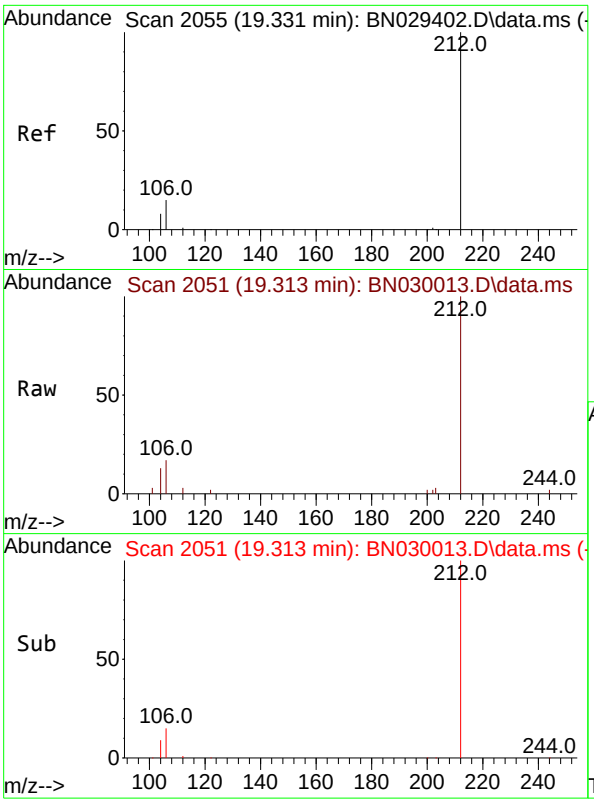


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 1780
Delta R.T. 0.037 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:188 Resp: 8318

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	10.0	15.0



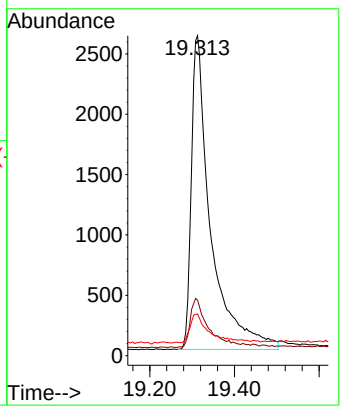


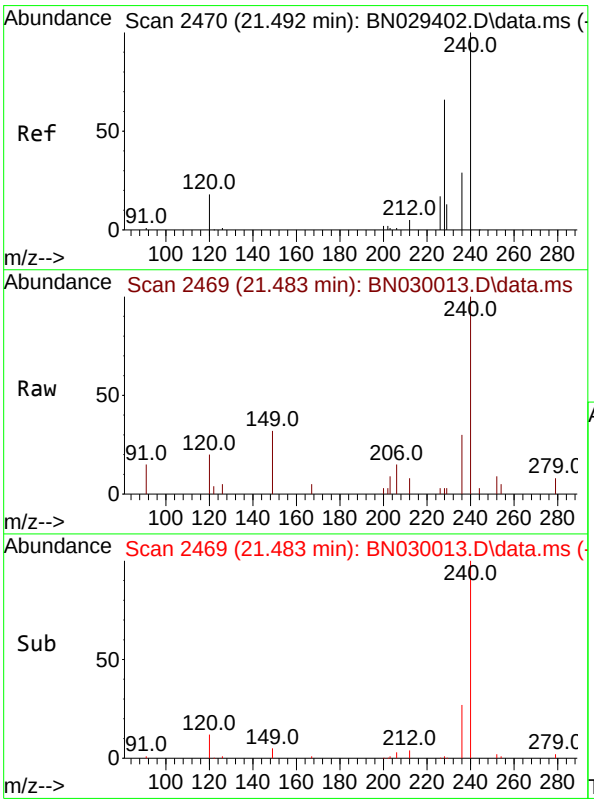
#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.313 min Scan# 2
Delta R.T. 0.023 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Instrument :
BNA_N
ClientSampleId :
PB159197BL

Tgt Ion:212 Resp: 8243

Ion	Ratio	Lower	Upper
212	100		
106	14.3	13.2	19.8
104	8.6	7.7	11.5

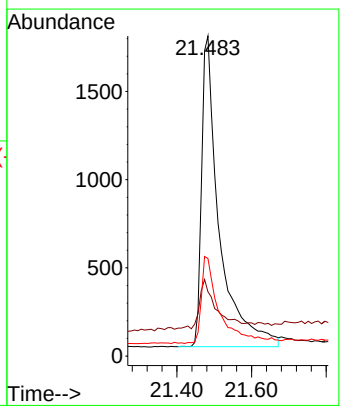


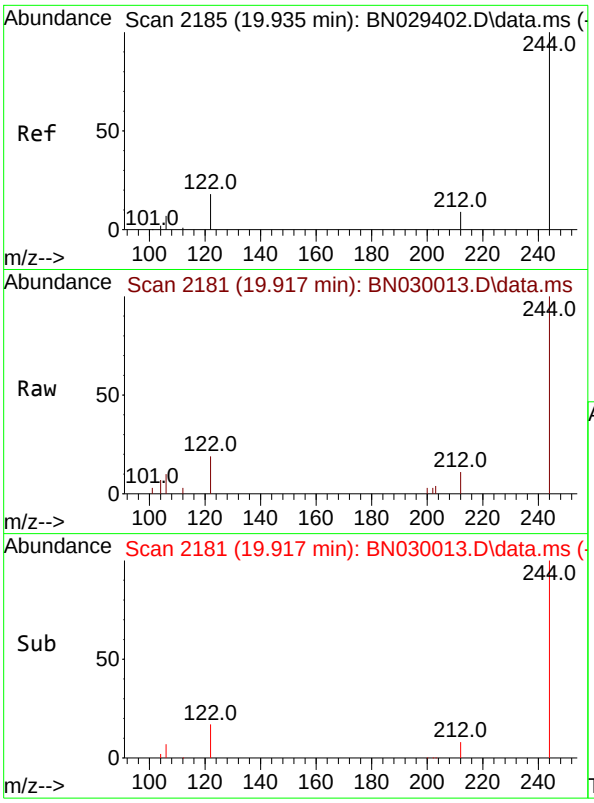


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 2469
Delta R.T. 0.027 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:240 Resp: 5774

Ion	Ratio	Lower	Upper
240	100		
120	20.1	16.7	25.1
236	30.5	23.9	35.9



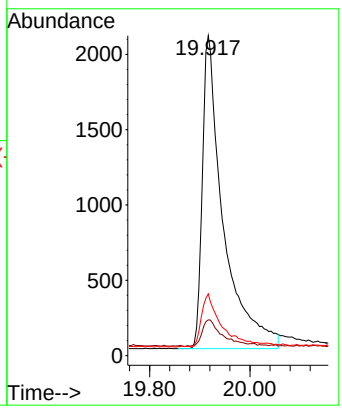


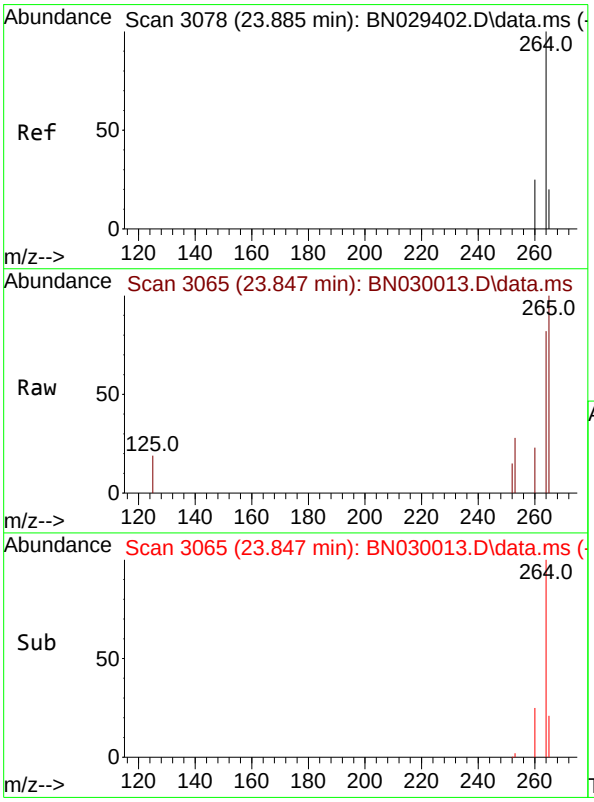
#31
Terphenyl-d14
Concen: 0.419 ng
RT: 19.917 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Instrument :
BNA_N
ClientSampleId :
PB159197BL

Tgt Ion:244 Resp: 6011

Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.2	12.4
122	19.4	15.6	23.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.847 min Scan# 3065
Delta R.T. 0.027 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:264 Resp: 5230

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.2	31.8
265	121.3	41.5	62.3#