Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023711.D
Acq On : 19 Jan 2023 10:00
Operator : CG/JU
Sample : PB150217BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150217BL

Quant Time: Jan 20 04:15:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:14:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	6699	0.400	ng	0.00
7) Naphthalene-d8	10.819	136	17173	0.400	ng	0.00
13) Acenaphthene-d10	14.656	164	8097	0.400	ng	0.01
19) Phenanthrene-d10	17.402	188	16688	0.400	ng	0.00
29) Chrysene-d12	21.589	240	11860	0.400	ng	0.00
35) Perylene-d12	24.071	264	10255	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.536	112	4729	0.336	ng	0.01
5) Phenol-d6	7.154	99	5450	0.325	ng	0.00
8) Nitrobenzene-d5	9.164	82	3848	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.408	152	7280	0.307	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	822	0.239	ng	0.00
15) 2-Fluorobiphenyl	13.277	172	10258	0.297	ng	0.00
27) Fluoranthene-d10	19.435	212	10552	0.270	ng	0.00
31) Terphenyl-d14	20.031	244	7001	0.374	ng	0.00
Target Compounds						Qvalue

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

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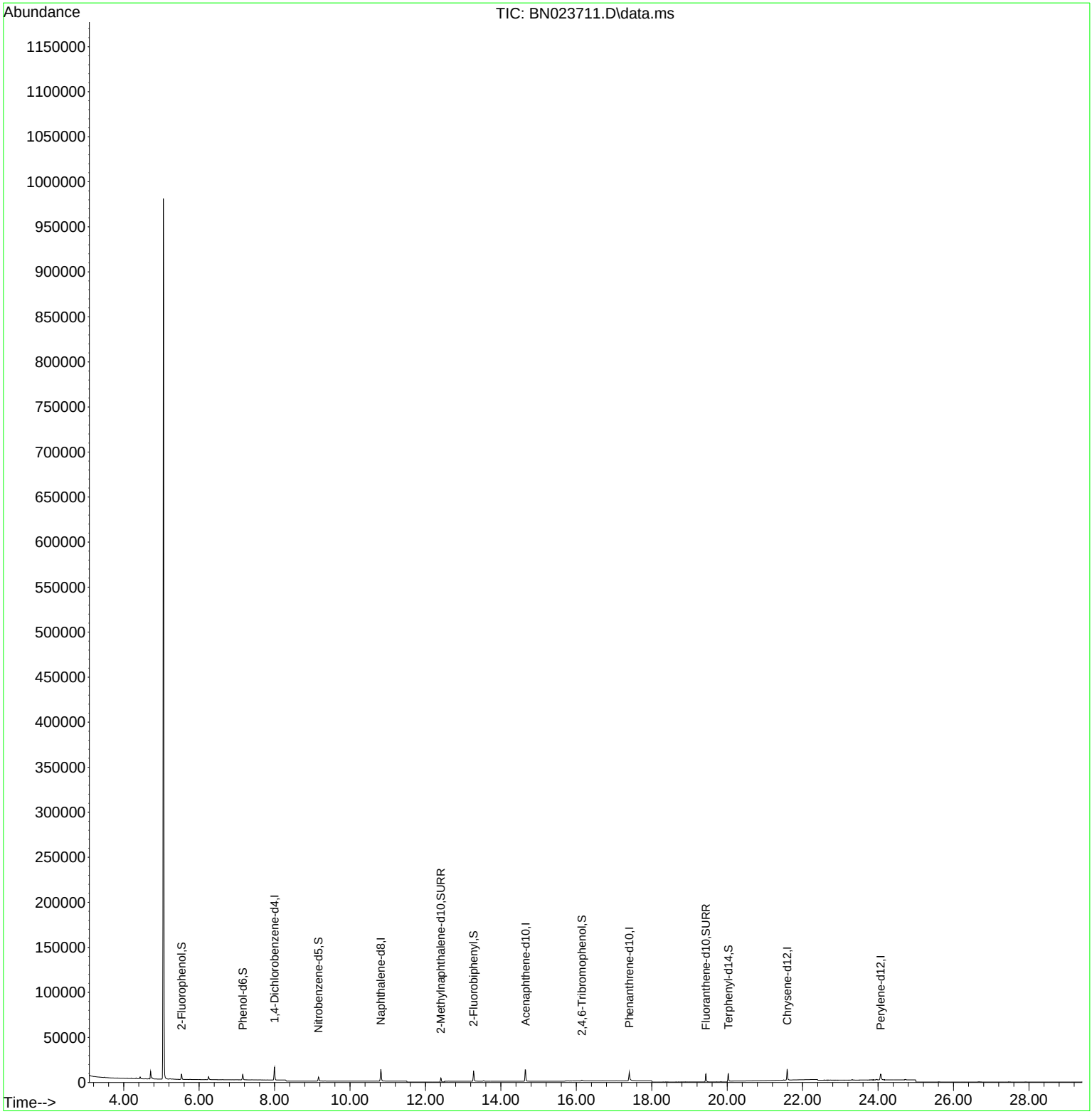
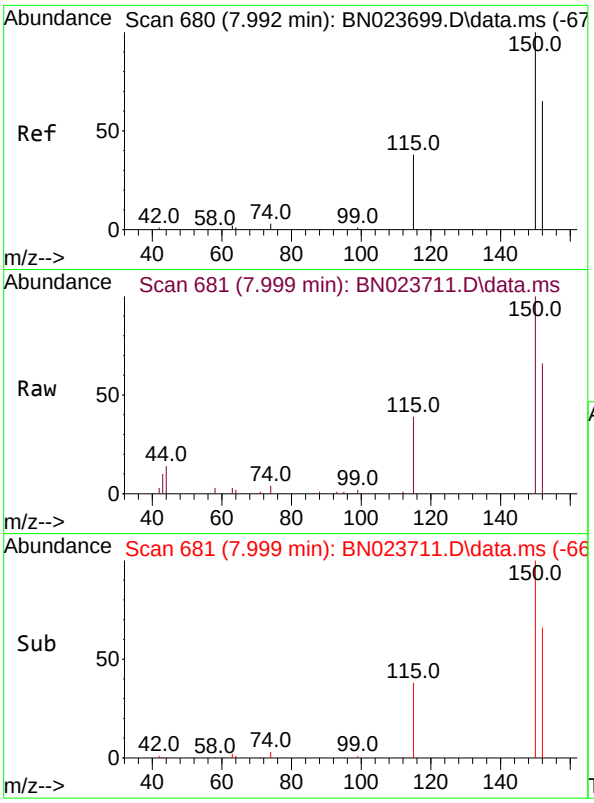


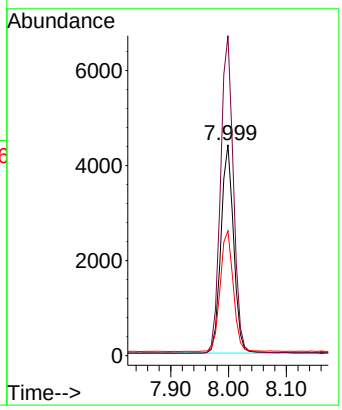


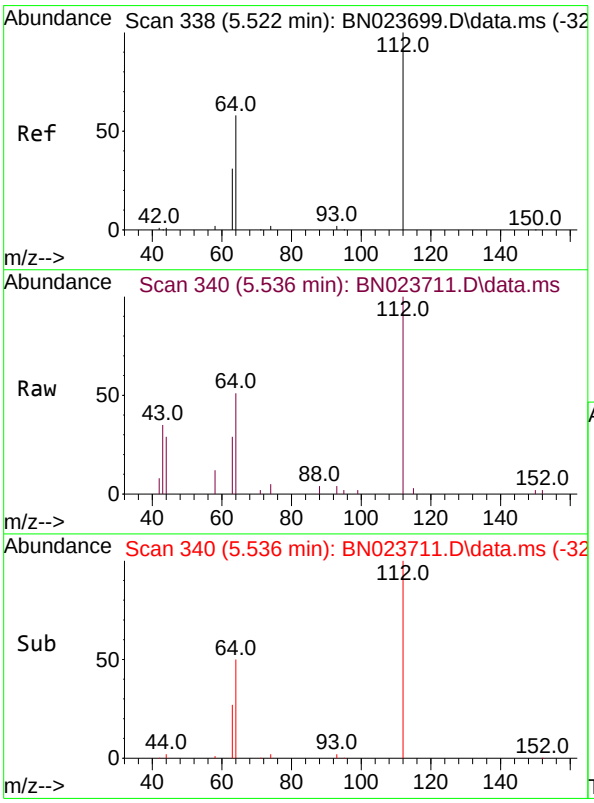
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.999 min Scan# 68
Delta R.T. 0.007 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Instrument :
BNA_N
ClientSampleId :
PB150217BL

Tgt Ion:152 Resp: 6699

Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.4	183.6
115	59.1	48.2	72.4

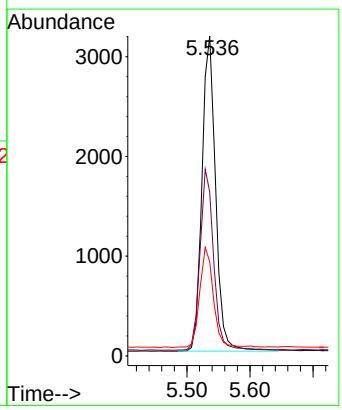


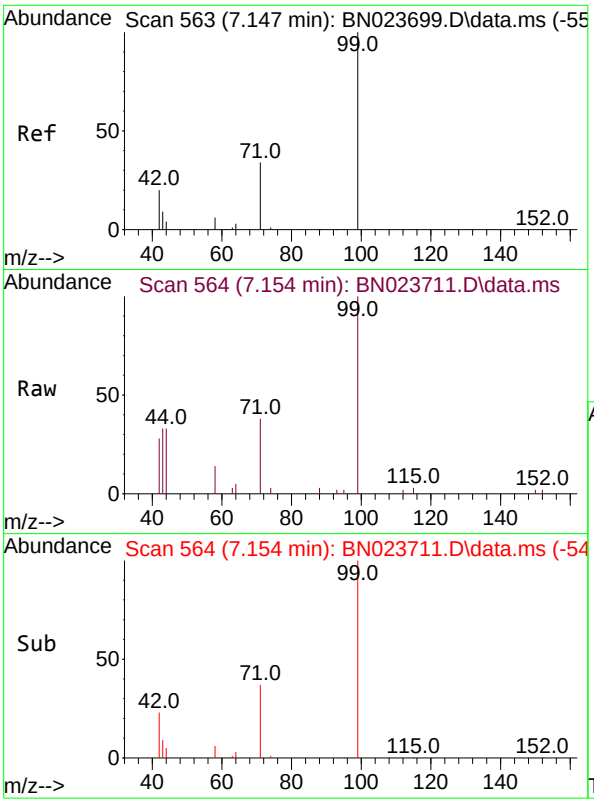


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.536 min Scan# 340
Delta R.T. 0.014 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Tgt Ion:112 Resp: 4729

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.8	68.8
63	31.6	25.3	37.9



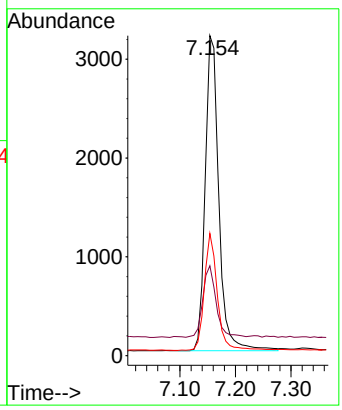


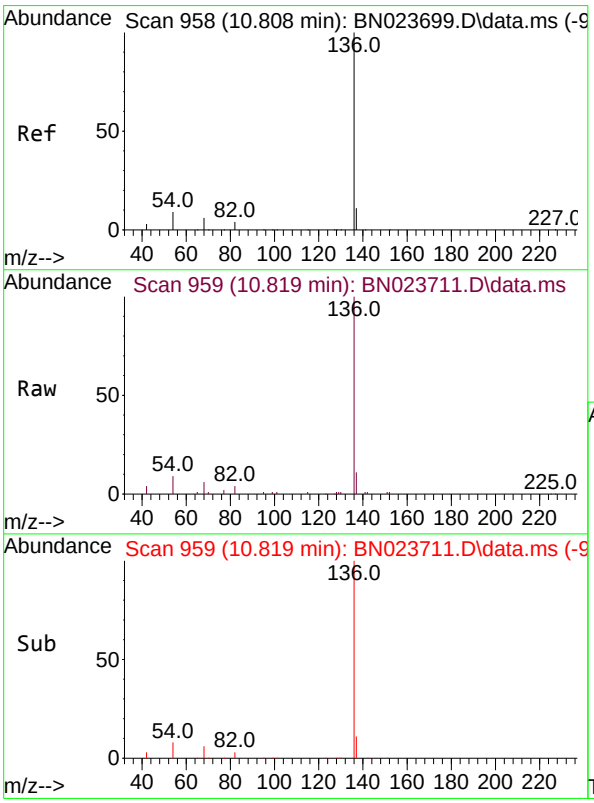
#5
Phenol-d6
Concen: 0.325 ng
RT: 7.154 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Instrument :
BNA_N
ClientSampleId :
PB150217BL

Tgt Ion: 99 Resp: 5450

Ion	Ratio	Lower	Upper
99	100		
42	22.0	19.4	29.0
71	35.5	28.7	43.1

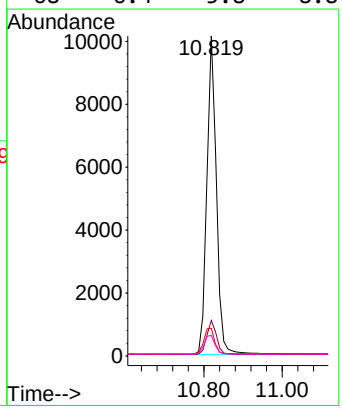


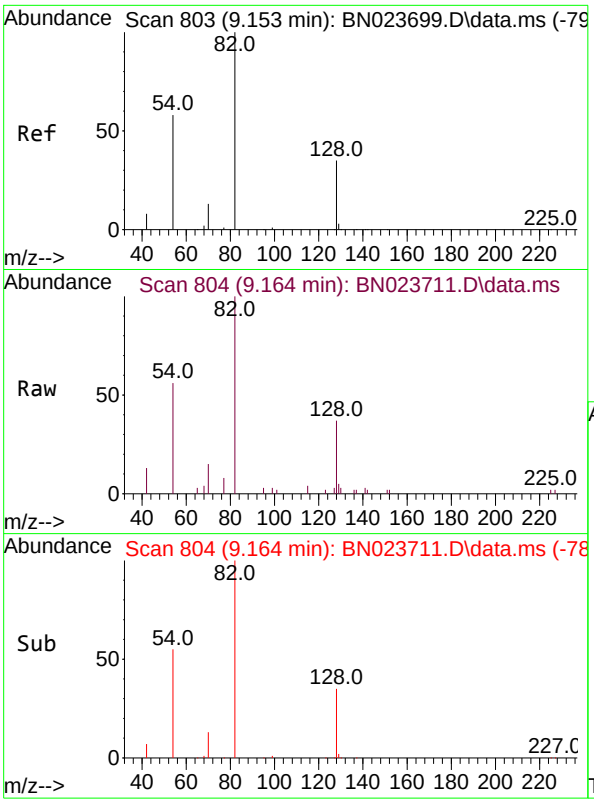


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.819 min Scan# 959
Delta R.T. -0.000 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Tgt Ion:136 Resp: 17173

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.6	7.5	11.3
68	6.4	5.8	8.8



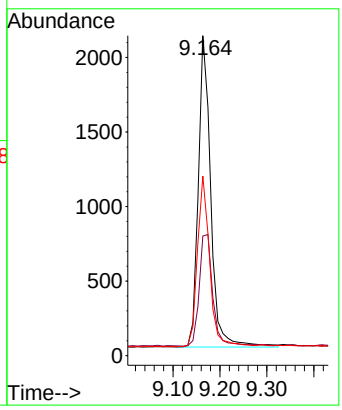


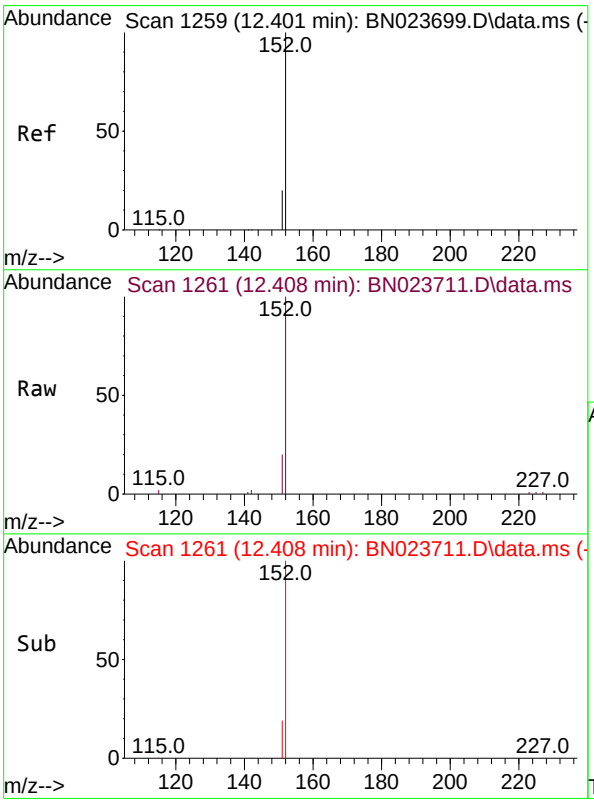
#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 9.164 min Scan# 80
Delta R.T. -0.000 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Instrument :
BNA_N
ClientSampleId :
PB150217BL

Tgt Ion: 82 Resp: 3848

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.2	45.2
54	56.1	47.3	70.9

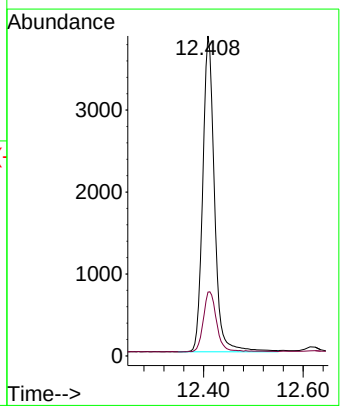


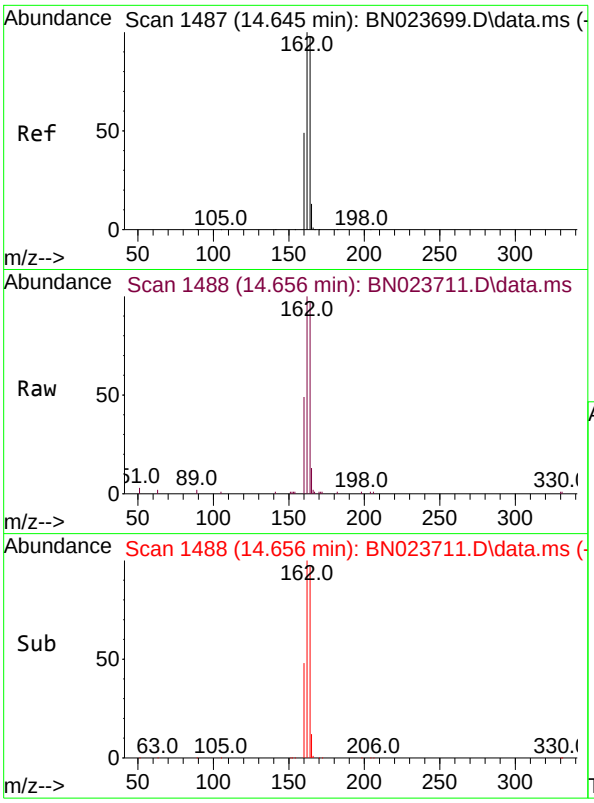


#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.408 min Scan# 1261
Delta R.T. 0.004 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Tgt Ion:152 Resp: 7280

Ion	Ratio	Lower	Upper
152	100		
151	18.5	17.1	25.7



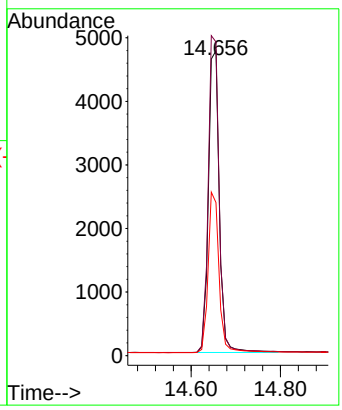


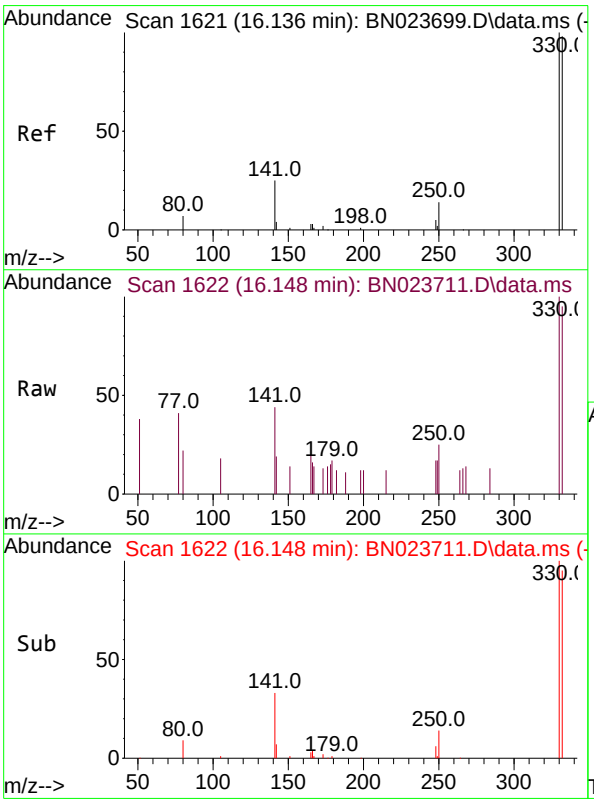
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.656 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Instrument :
BNA_N
ClientSampleId :
PB150217BL

Tgt Ion:164 Resp: 8097

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	50.2	40.3	60.5

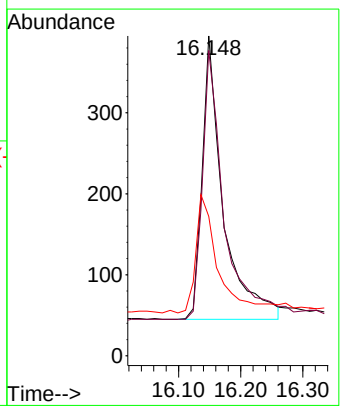


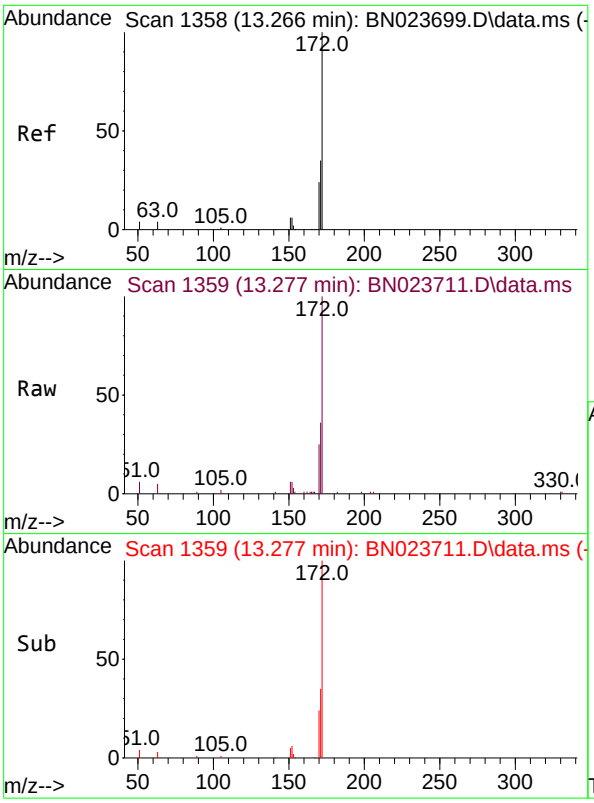


#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Tgt Ion:330 Resp: 822

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.6	116.4
141	44.8	35.0	52.4



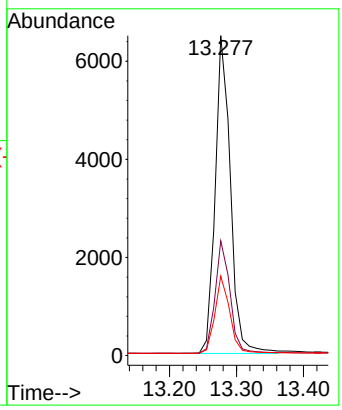


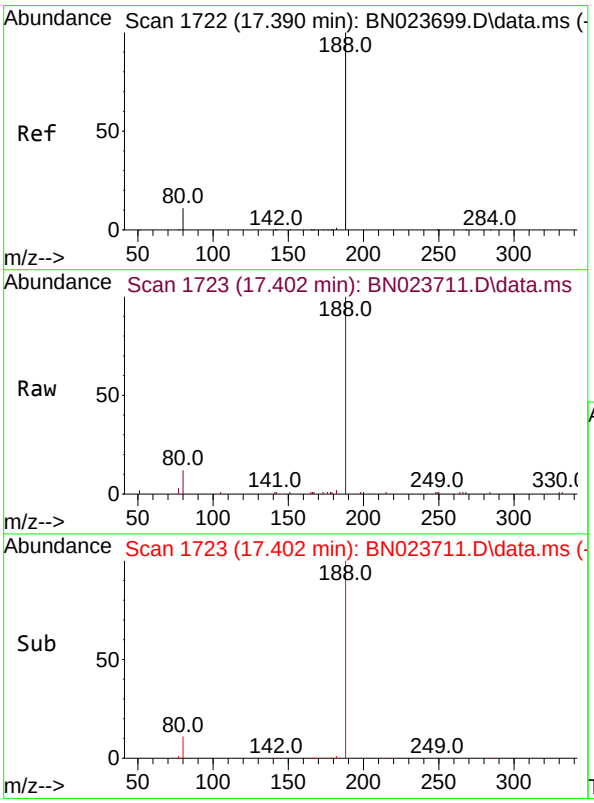
#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.277 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Instrument :
BNA_N
ClientSampleId :
PB150217BL

Tgt Ion:172 Resp: 10258

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.8	20.0	30.0

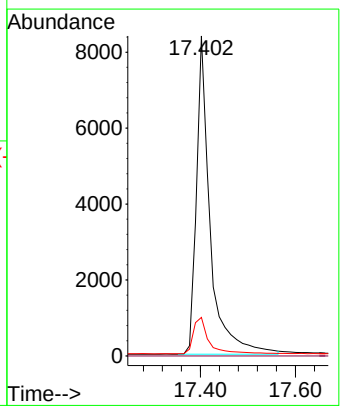


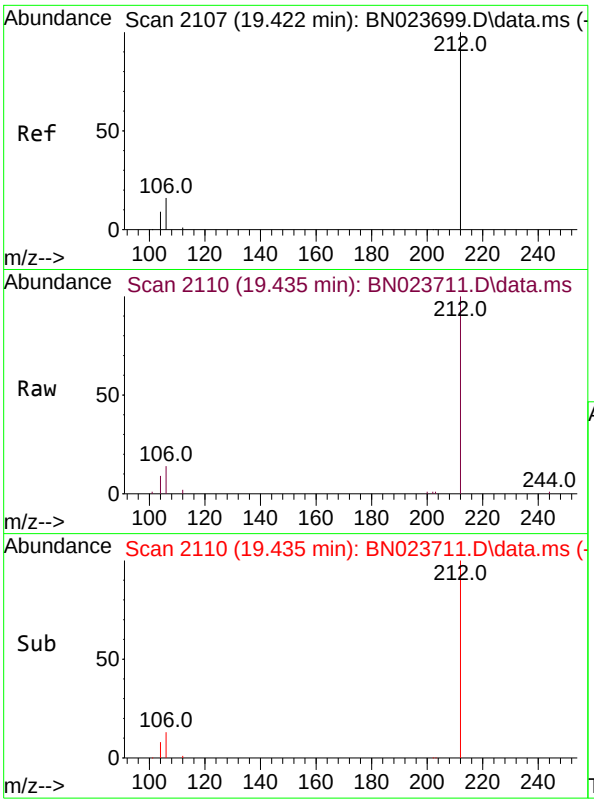


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Tgt Ion:188 Resp: 16688

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	9.5	14.3



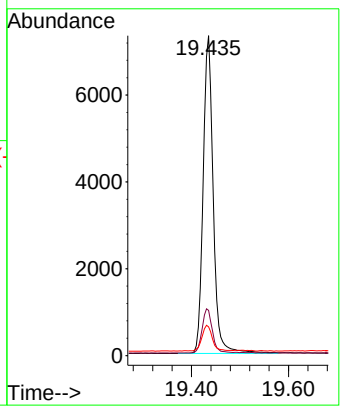


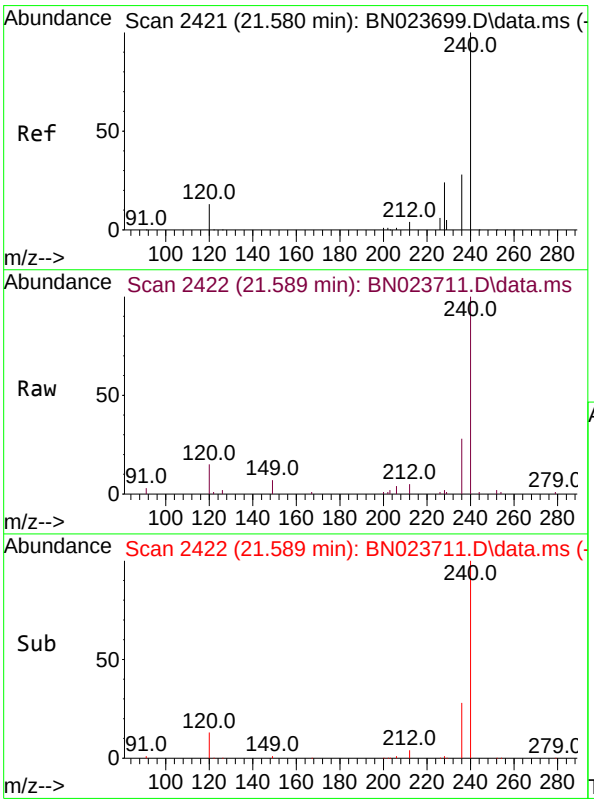
#27
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.435 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Instrument :
BNA_N
ClientSampleId :
PB150217BL

Tgt Ion:212 Resp: 10552

Ion	Ratio	Lower	Upper
212	100		
106	14.0	12.4	18.6
104	8.1	7.1	10.7

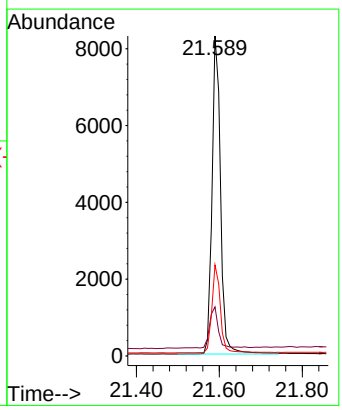


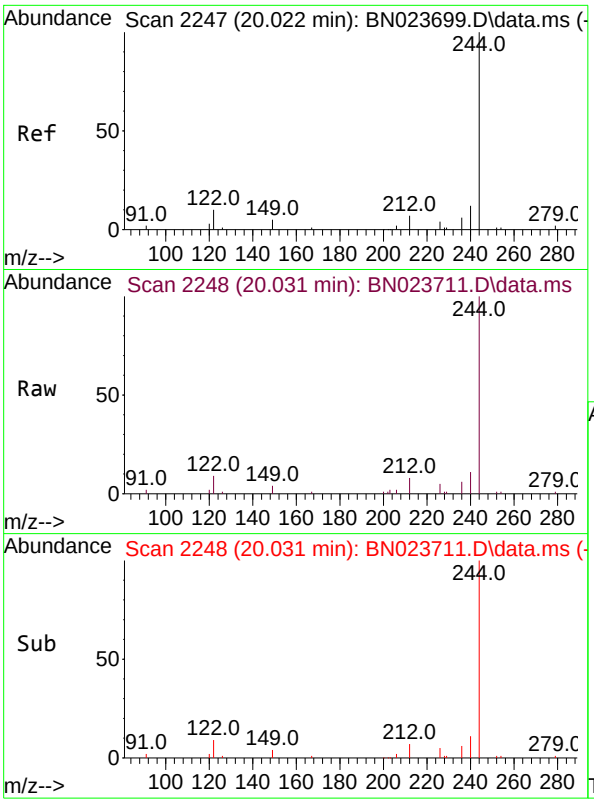


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Tgt Ion:240 Resp: 11860

Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.0	18.0
236	28.4	22.8	34.2



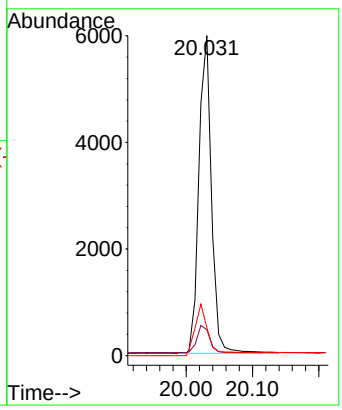


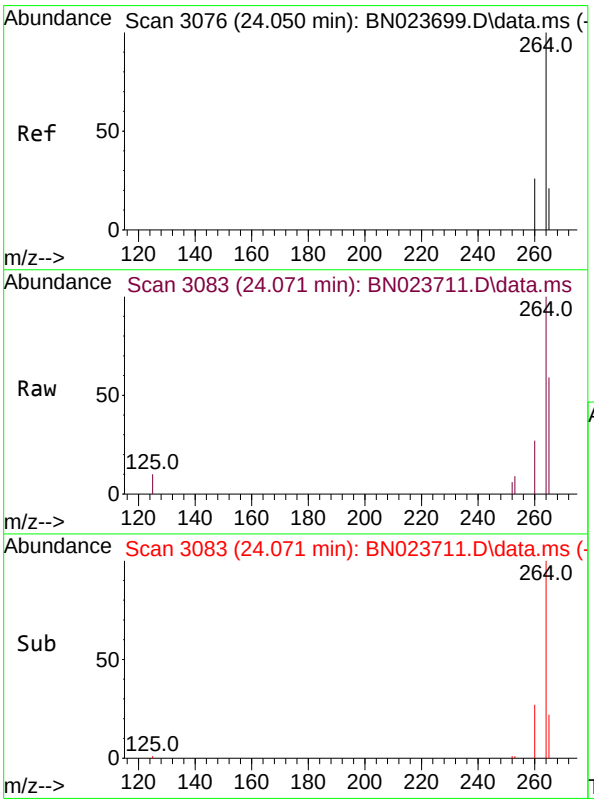
#31
Terphenyl-d14
Concen: 0.374 ng
RT: 20.031 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Instrument :
BNA_N
ClientSampleId :
PB150217BL

Tgt Ion:244 Resp: 7001

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	8.8	7.6	11.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.071 min Scan# 3083
Delta R.T. -0.003 min
Lab File: BN023711.D
Acq: 19 Jan 2023 10:00

Tgt Ion:264 Resp: 10255

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.0	31.6
265	59.3	49.9	74.9