Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021250.D
Acq On : 16 Aug 2022 09:41
Operator : CG/JU
Sample : PB147021BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147021BL

Quant Time: Aug 16 11:52:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2911	0.400	ng	0.00
7) Naphthalene-d8	10.603	136	9897	0.400	ng	# 0.02
13) Acenaphthene-d10	14.439	164	5915	0.400	ng	0.01
19) Phenanthrene-d10	17.203	188	9980	0.400	ng	0.02
29) Chrysene-d12	21.404	240	6168	0.400	ng	0.02
35) Perylene-d12	23.729	264	4874	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.378	112	2401	0.330	ng	0.00
5) Phenol-d6	7.025	99	1592	0.188	ng	0.04
8) Nitrobenzene-d5	9.022	82	1202	0.261	ng	0.06
11) 2-Methylnaphthalene-d10	12.210	152	6048	0.351	ng	0.03
14) 2,4,6-Tribromophenol	15.972	330	316	0.163	ng	0.03
15) 2-Fluorobiphenyl	13.082	172	6189	0.263	ng	0.02
27) Fluoranthene-d10	19.231	212	9951	0.367	ng	0.00
31) Terphenyl-d14	19.834	244	6440	0.383	ng	0.00
Target Compounds						Qvalue

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

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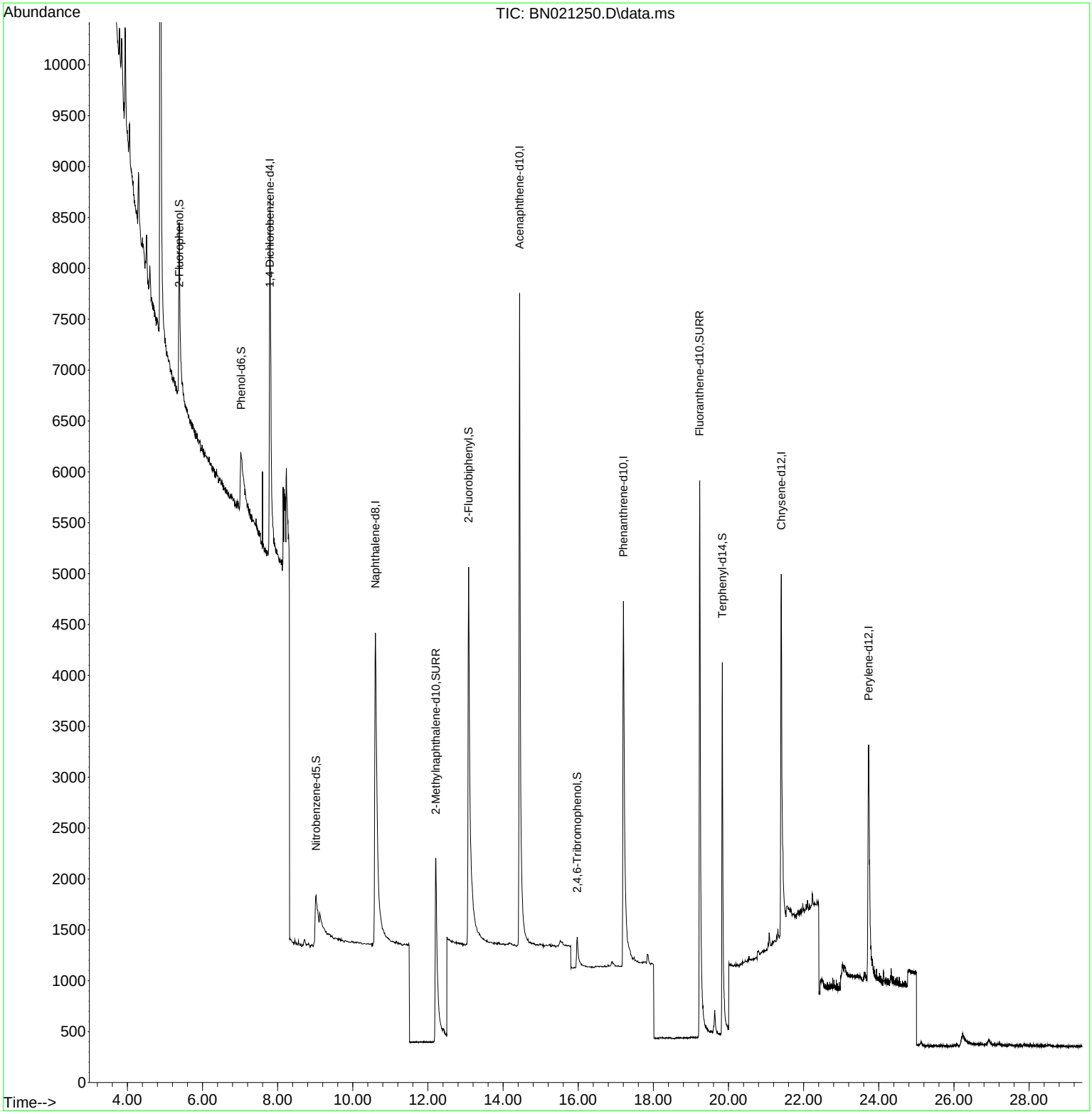
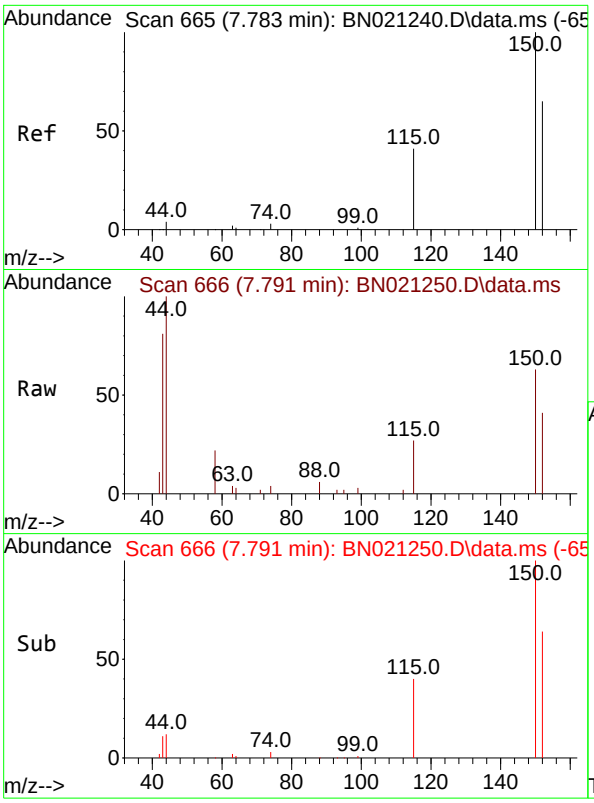


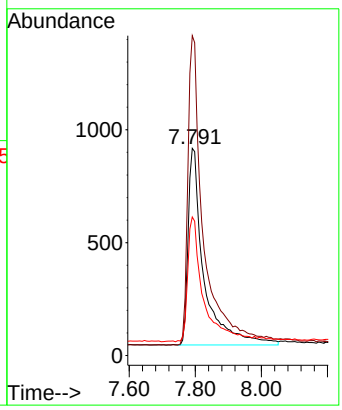


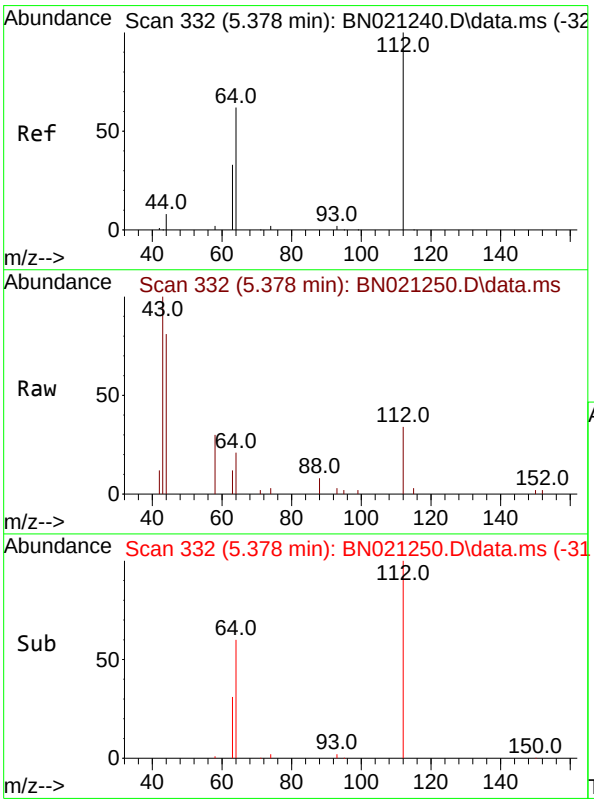
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.791 min Scan# 6
Delta R.T. 0.008 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Instrument :
BNA_N
ClientSampleId :
PB147021BL

Tgt Ion:152 Resp: 2911

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.1	184.7
115	66.9	52.2	78.4

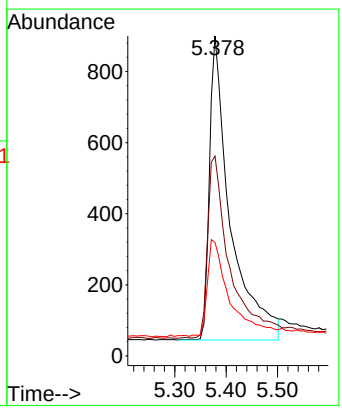


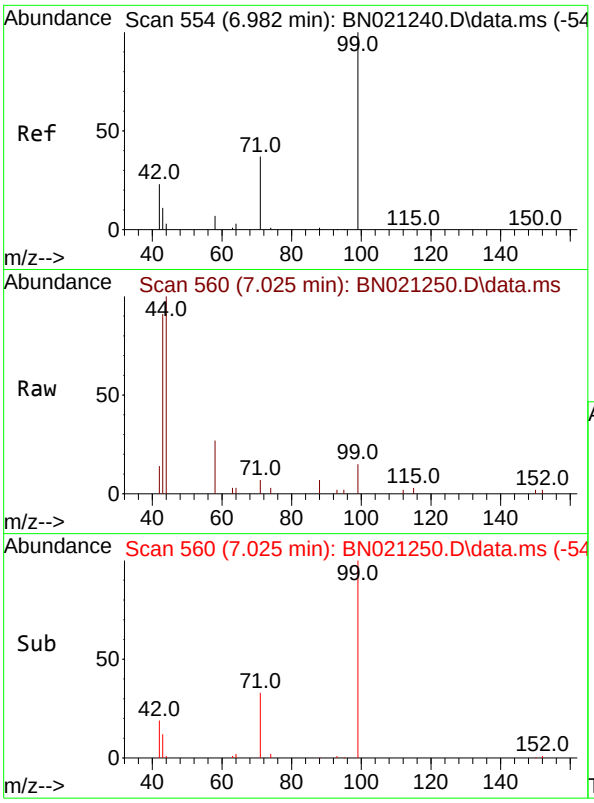


#4
2-Fluorophenol
Concen: 0.330 ng
RT: 5.378 min Scan# 332
Delta R.T. 0.000 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Tgt Ion:112 Resp: 2401

Ion	Ratio	Lower	Upper
112	100		
64	63.9	52.0	78.0
63	34.2	27.5	41.3



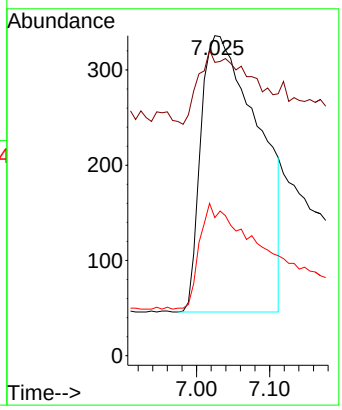


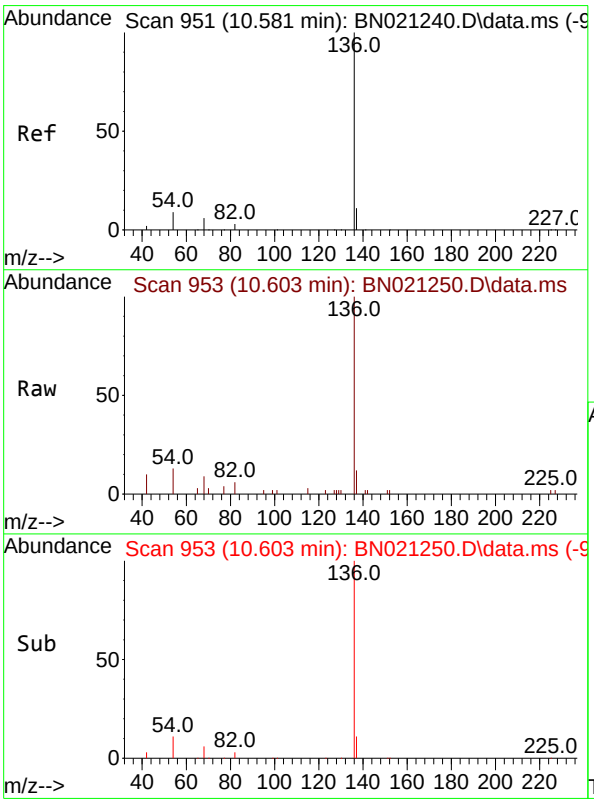
#5
Phenol-d6
Concen: 0.188 ng
RT: 7.025 min Scan# 5
Delta R.T. 0.043 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Instrument :
BNA_N
ClientSampleId :
PB147021BL

Tgt Ion: 99 Resp: 1592

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.1	28.7
71	35.8	28.9	43.3

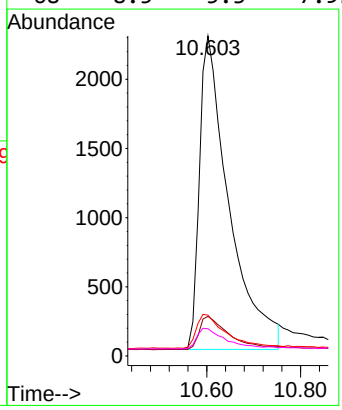


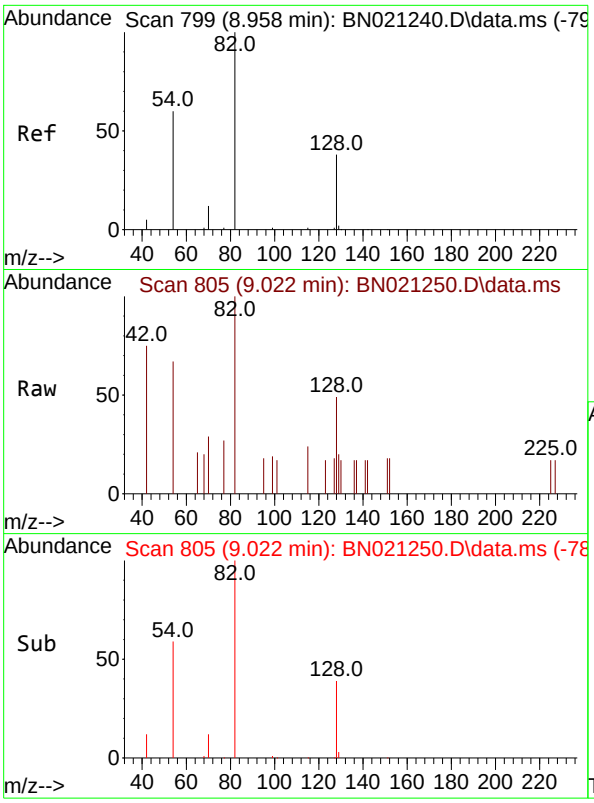


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.603 min Scan# 953
Delta R.T. 0.021 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Tgt Ion:136 Resp: 9897

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	12.8	8.2	12.2#
68	8.5	5.3	7.9#



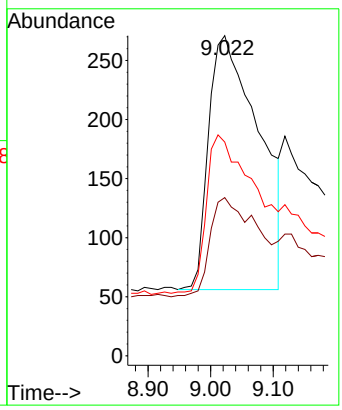


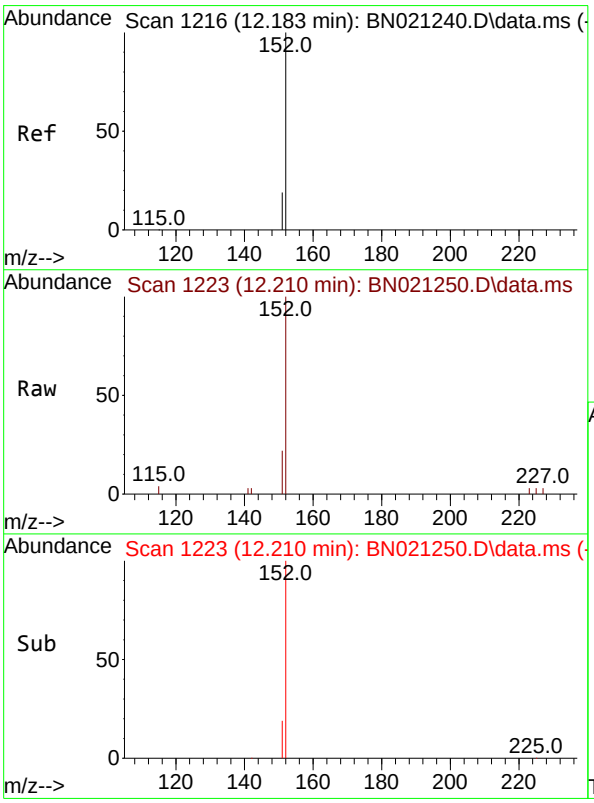
#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 9.022 min Scan# 8
Delta R.T. 0.064 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Instrument :
BNA_N
ClientSampleId :
PB147021BL

Tgt Ion: 82 Resp: 1202

Ion	Ratio	Lower	Upper
82	100		
128	49.4	33.6	50.4
54	66.8	50.2	75.2

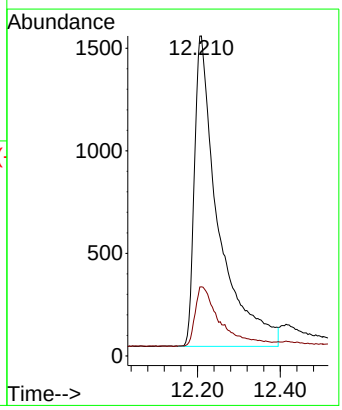


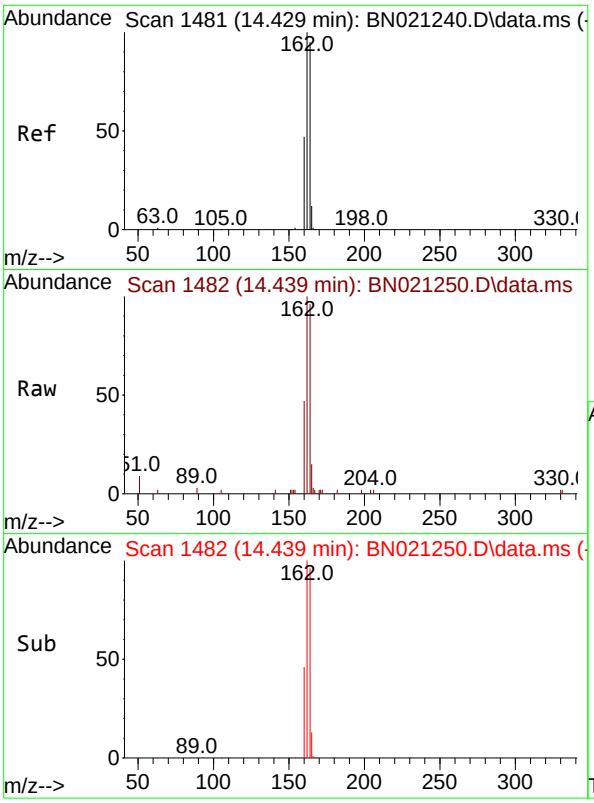


#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.210 min Scan# 1223
Delta R.T. 0.027 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Tgt Ion:152 Resp: 6048

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8



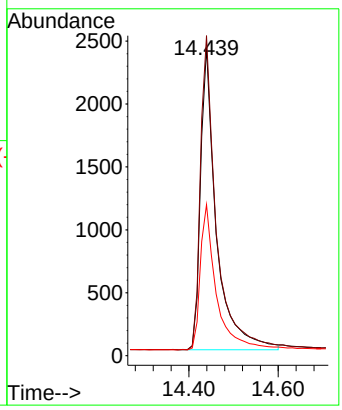


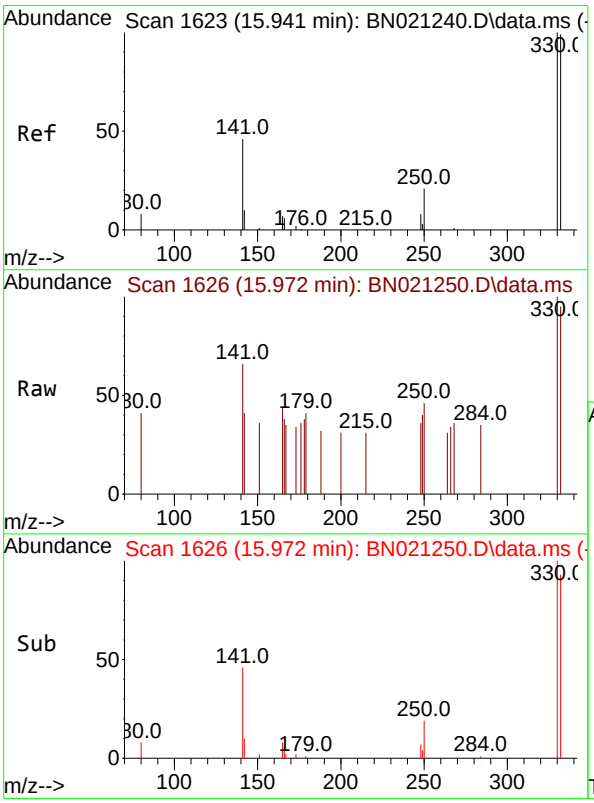
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.439 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Instrument :
BNA_N
ClientSampleId :
PB147021BL

Tgt Ion:164 Resp: 5915

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.8	125.6
160	49.1	39.8	59.6

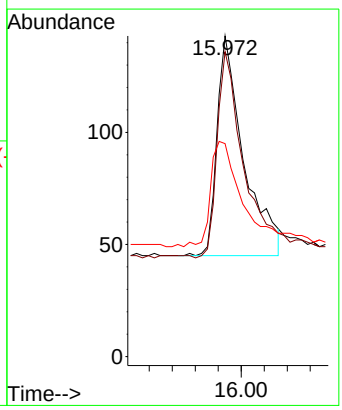


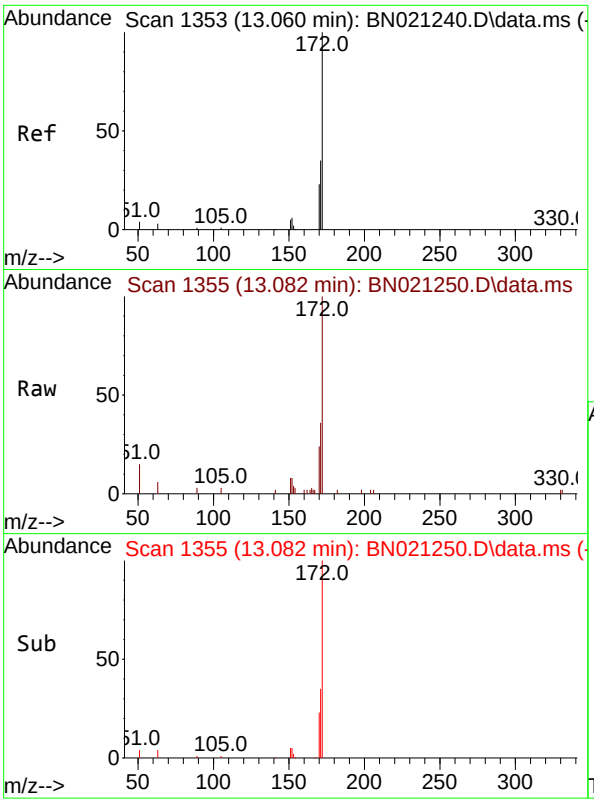


#14
2,4,6-Tribromophenol
Concen: 0.163 ng
RT: 15.972 min Scan# 1626
Delta R.T. 0.031 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Tgt Ion:330 Resp: 316

Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.1	117.1
141	56.3	45.4	68.0



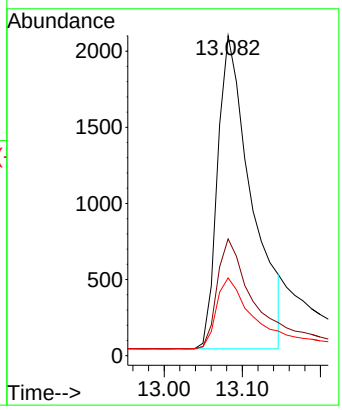


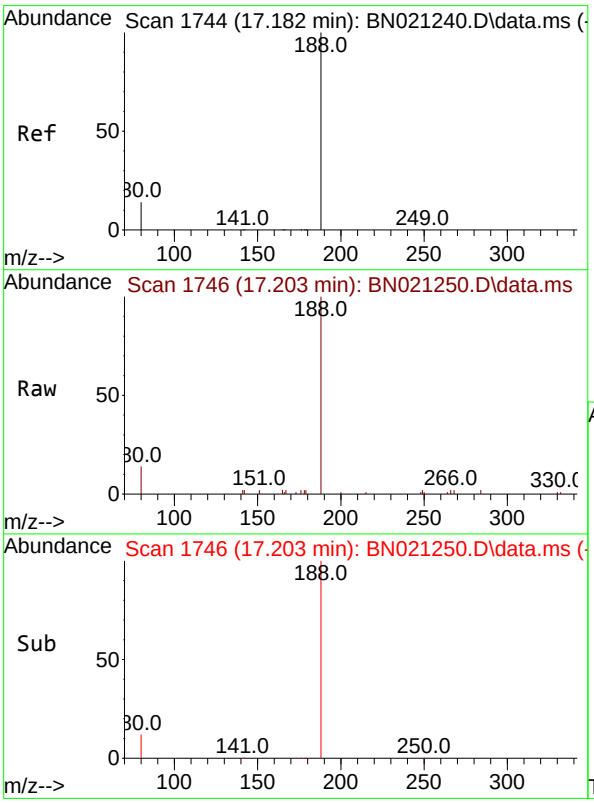
#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.021 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Instrument :
BNA_N
ClientSampleId :
PB147021BL

Tgt Ion:172 Resp: 6189

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.4	42.6
170	24.3	19.0	28.6

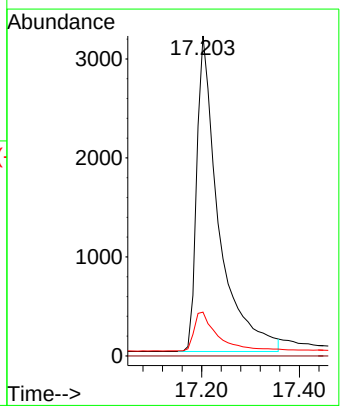


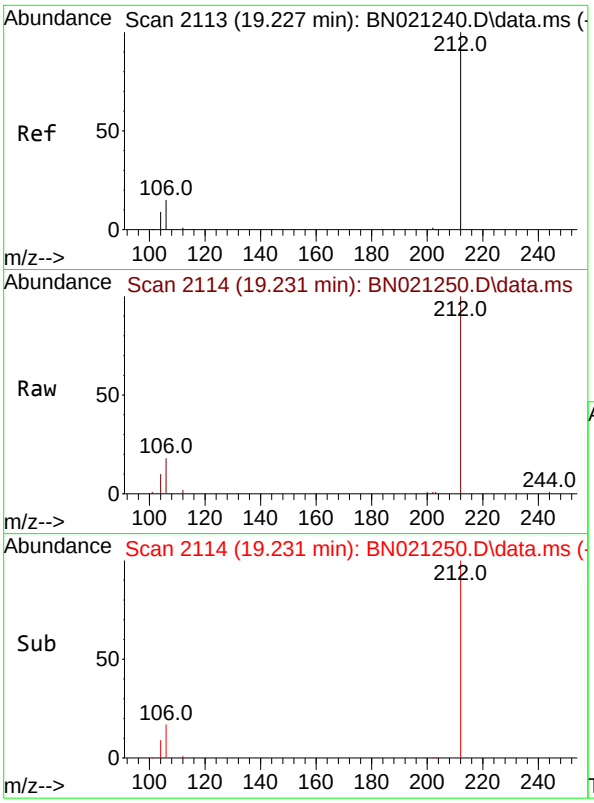


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.203 min Scan# 1746
Delta R.T. 0.021 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Tgt Ion:188 Resp: 9980

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	11.8	17.6



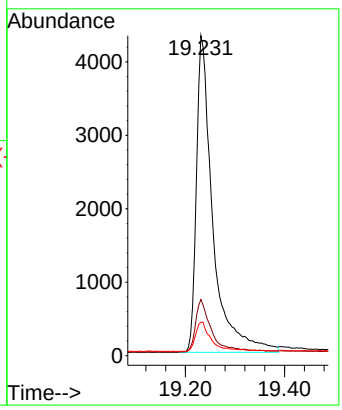


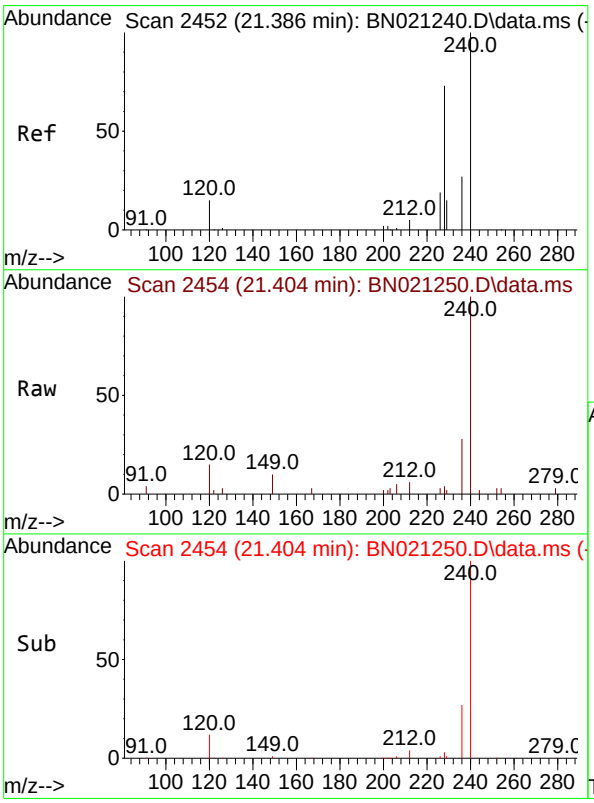
#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.231 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Instrument :
BNA_N
ClientSampleId :
PB147021BL

Tgt Ion:212 Resp: 9951

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	18.8
104	9.1	7.2	10.8

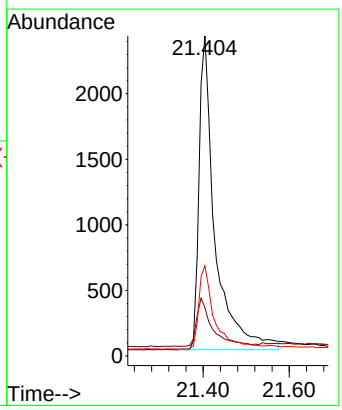


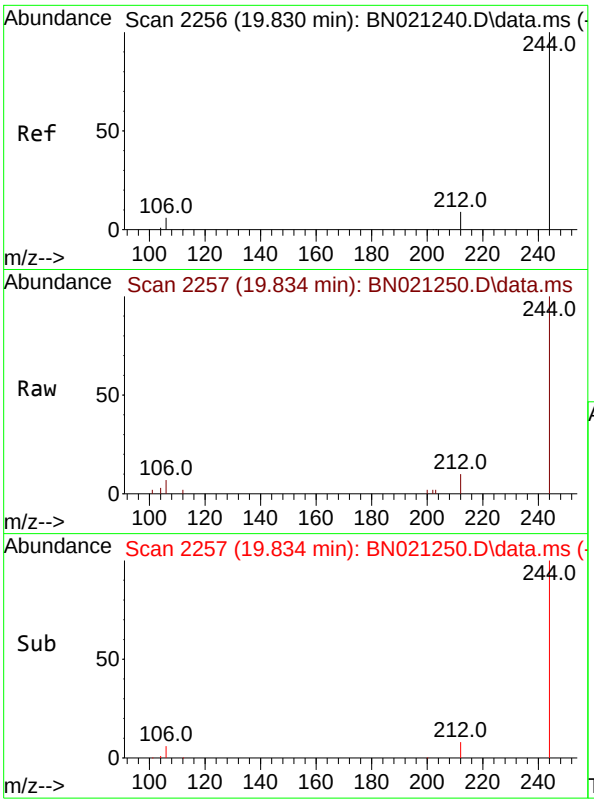


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2454
Delta R.T. 0.018 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Tgt Ion:240 Resp: 6168

Ion	Ratio	Lower	Upper
240	100		
120	15.1	13.4	20.2
236	28.2	22.6	33.8



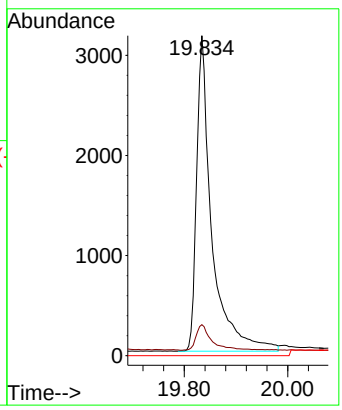


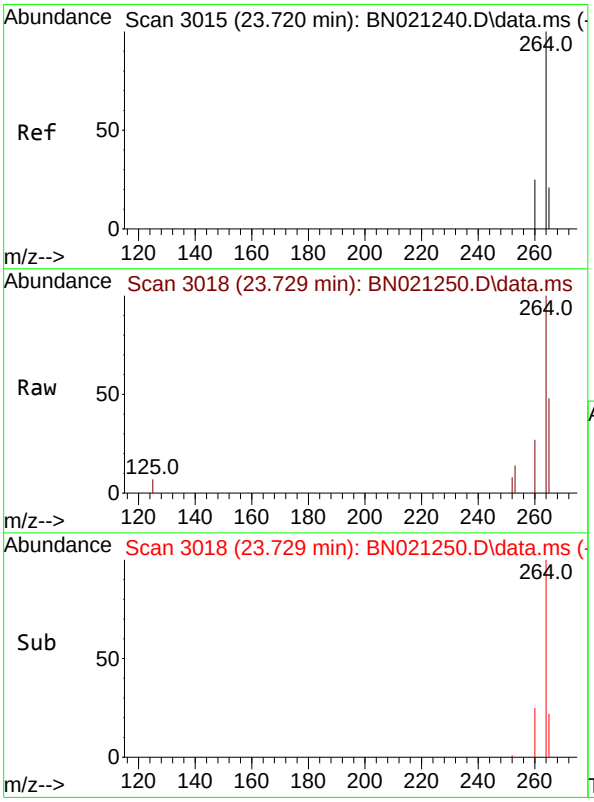
#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.834 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Instrument :
BNA_N
ClientSampleId :
PB147021BL

Tgt Ion:244 Resp: 6440

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.3	12.5
122	0.0	0.0	0.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.729 min Scan# 3018
Delta R.T. 0.009 min
Lab File: BN021250.D
Acq: 16 Aug 2022 09:41

Tgt Ion:264 Resp: 4874

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.4	32.2
265	47.6	34.3	51.5