Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
Data File : BN022011.D
Acq On : 04 Oct 2022 18:26
Operator : CG/JU
Sample : PB148092BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 04 23:06:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	4336	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	12639	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	6317	0.400	ng	0.00
19) Phenanthrene-d10	17.412	188	12591	0.400	ng	# 0.00
29) Chrysene-d12	21.609	240	9051	0.400	ng	0.00
35) Perylene-d12	24.087	264	6965	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.516	112	4207	0.419	ng	0.00
5) Phenol-d6	7.148	99	4873	0.374	ng	0.00
8) Nitrobenzene-d5	9.172	82	3566	0.351	ng	0.01
11) 2-Methylnaphthalene-d10	12.414	152	8521	0.367	ng	0.00
14) 2,4,6-Tribromophenol	16.158	330	645	0.268	ng	0.01
15) 2-Fluorobiphenyl	13.285	172	10469	0.379	ng	0.00
27) Fluoranthene-d10	19.445	212	12088	0.361	ng	0.00
31) Terphenyl-d14	20.042	244	7874	0.433	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.798	198	1	0.192	ng	# 1

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

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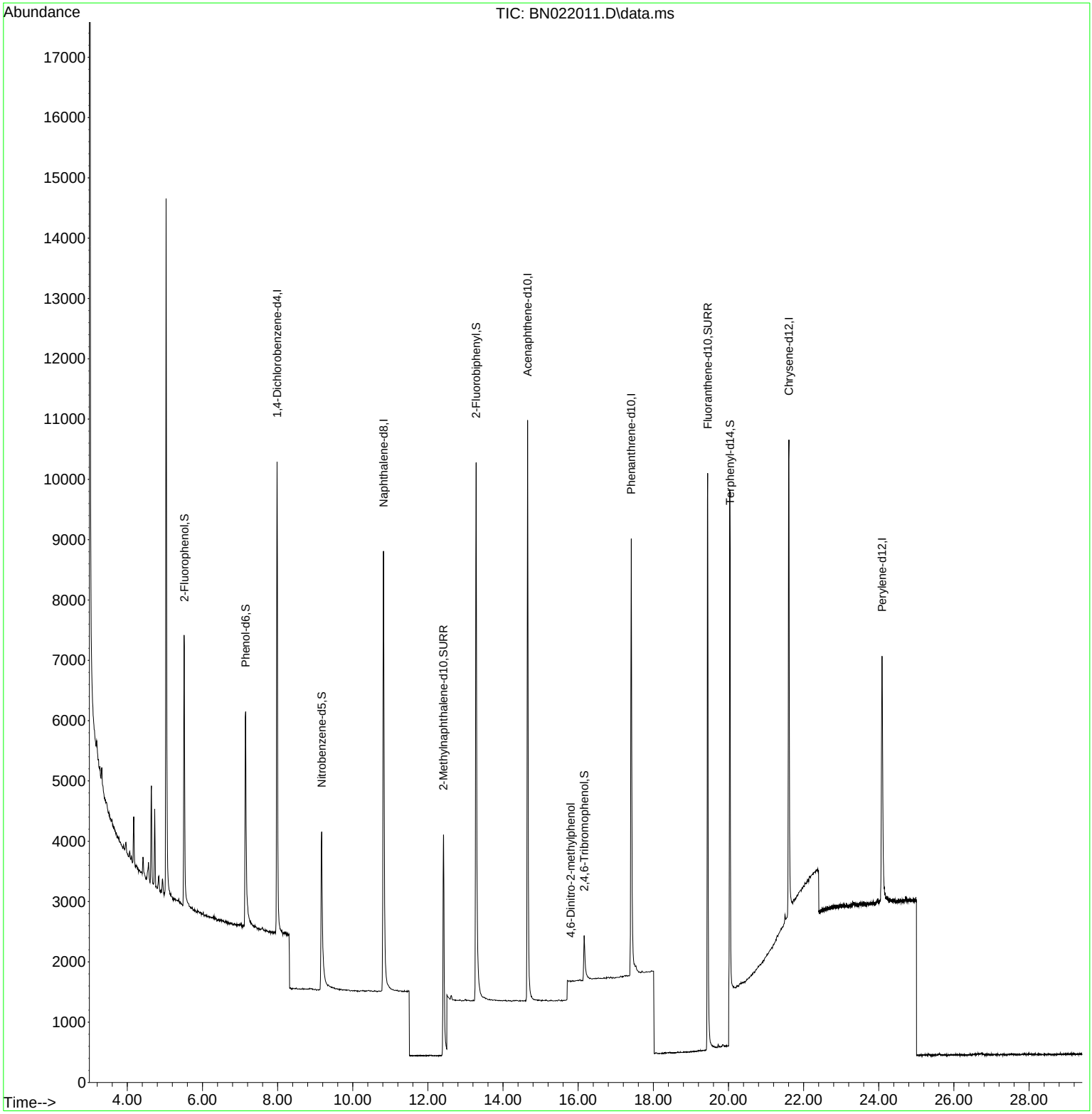
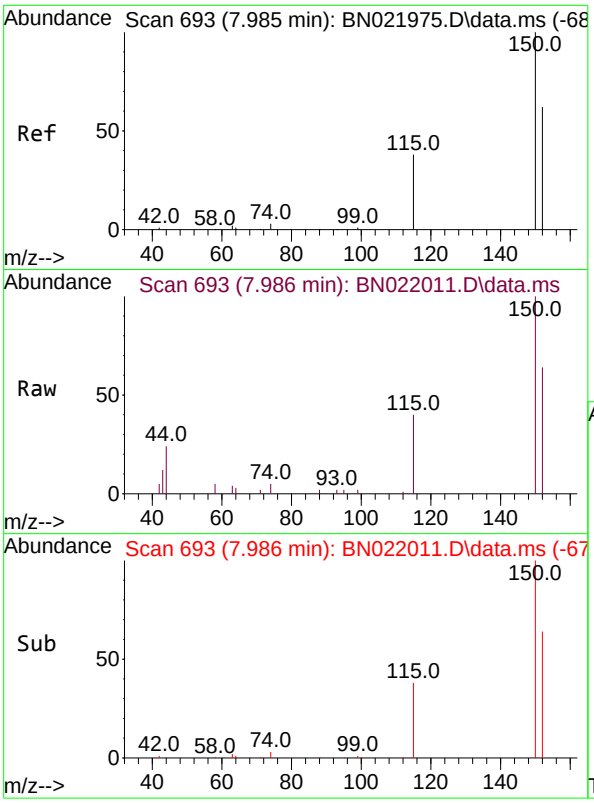


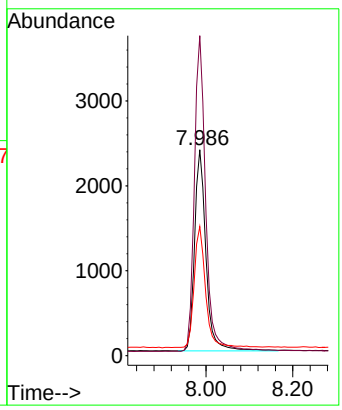


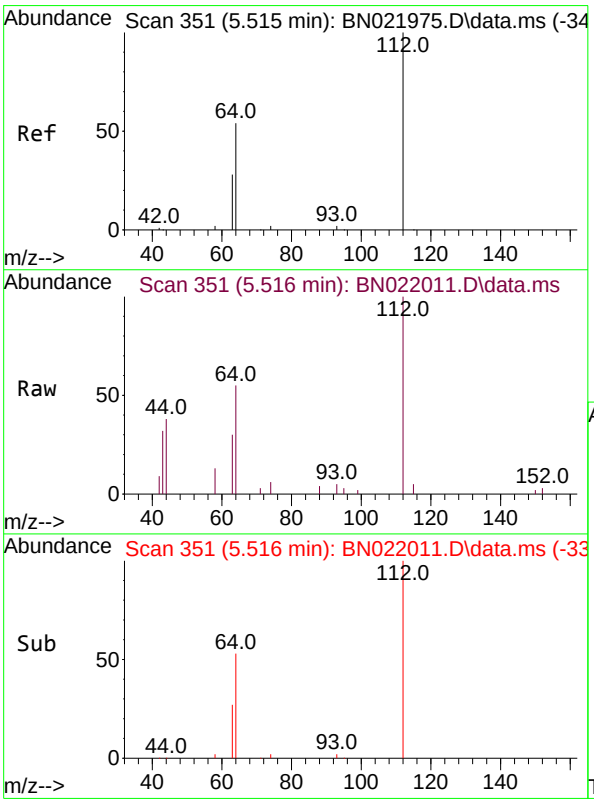
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.986 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4336

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.2	190.8
115	62.7	51.4	77.0

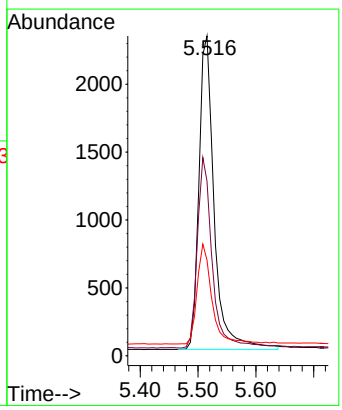


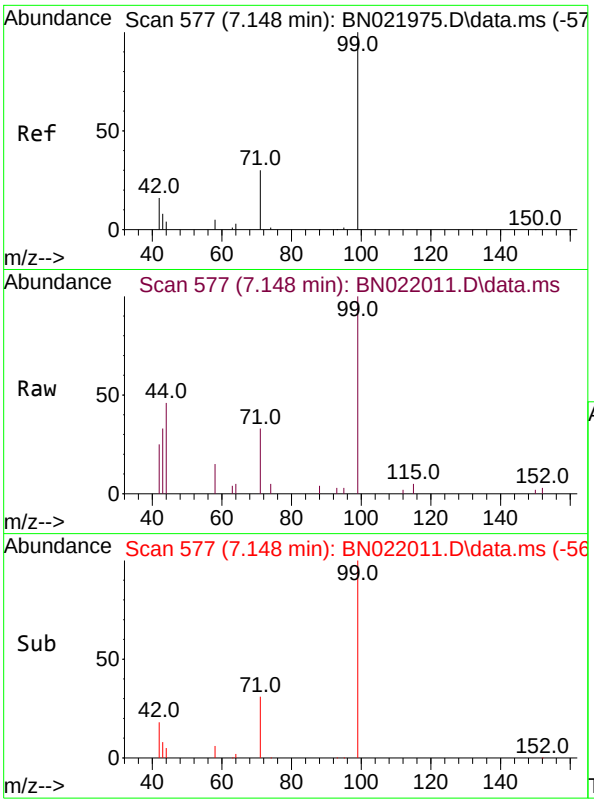


#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.516 min Scan# 351
Delta R.T. 0.000 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Tgt Ion:112 Resp: 4207

Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.9	70.3
63	31.0	24.6	37.0



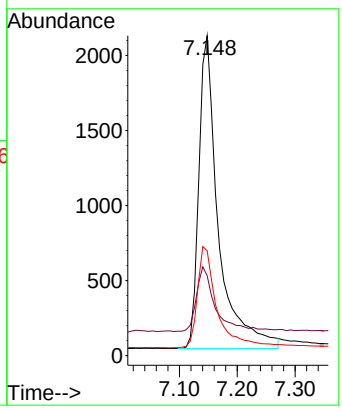


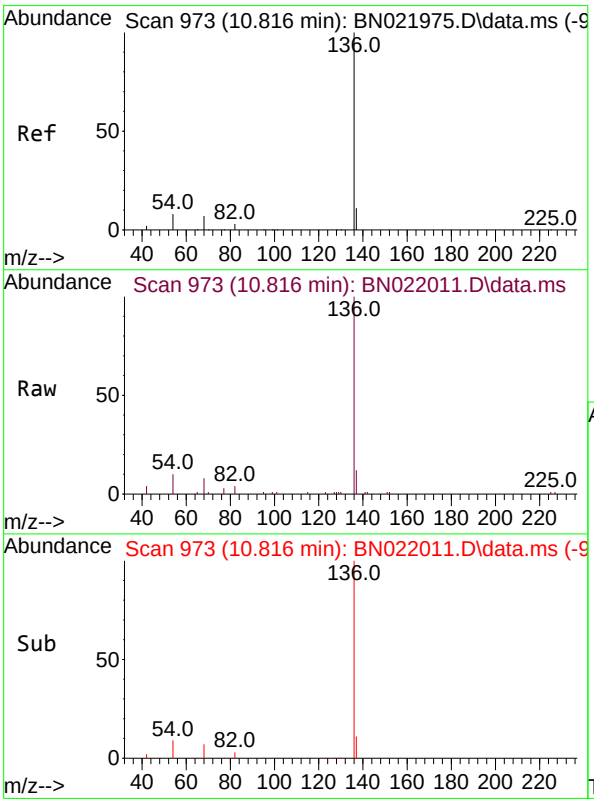
#5
Phenol-d6
Concen: 0.374 ng
RT: 7.148 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4873

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.9	23.9
71	32.9	25.6	38.4

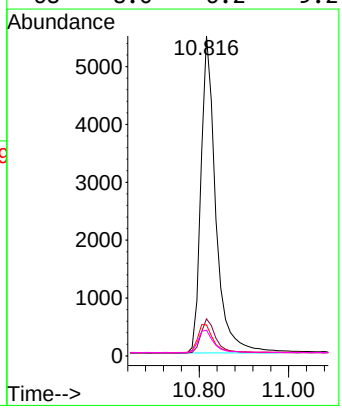


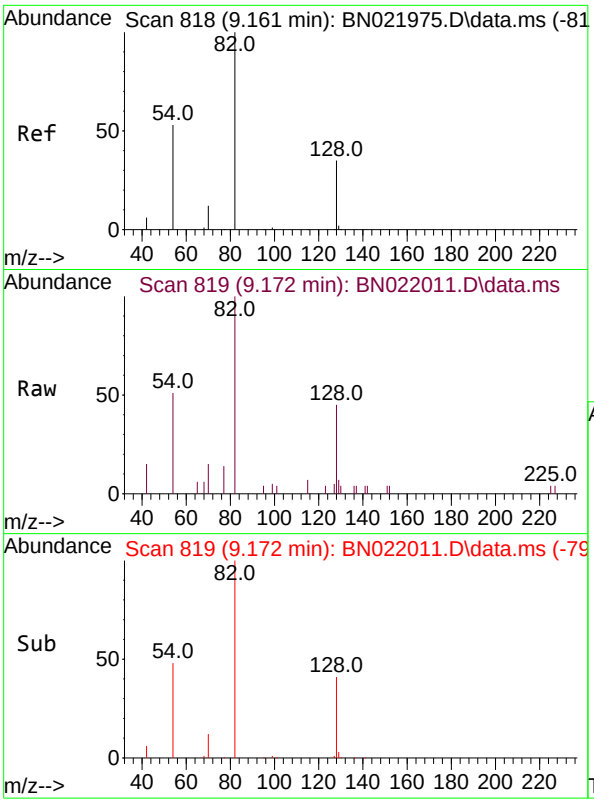


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Tgt Ion:136 Resp: 12639

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	9.7	7.1	10.7
68	8.0	6.2	9.2



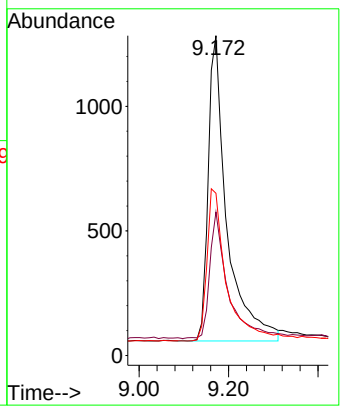


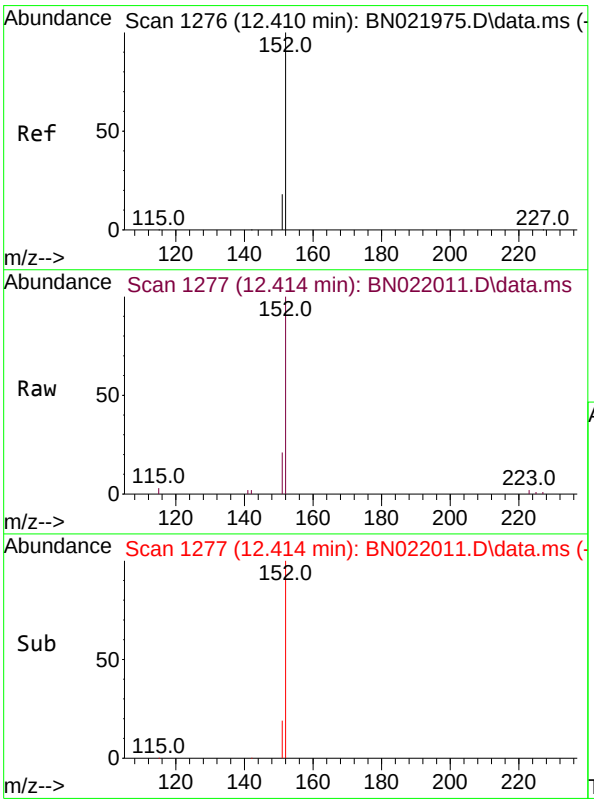
#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 9.172 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 3566

Ion	Ratio	Lower	Upper
82	100		
128	44.9	29.9	44.9
54	50.7	43.5	65.3

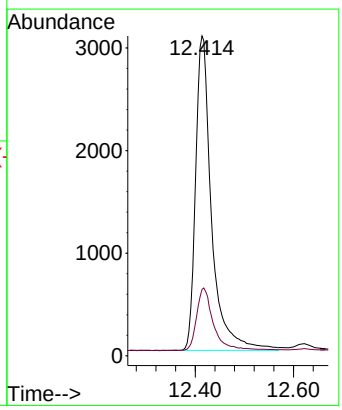


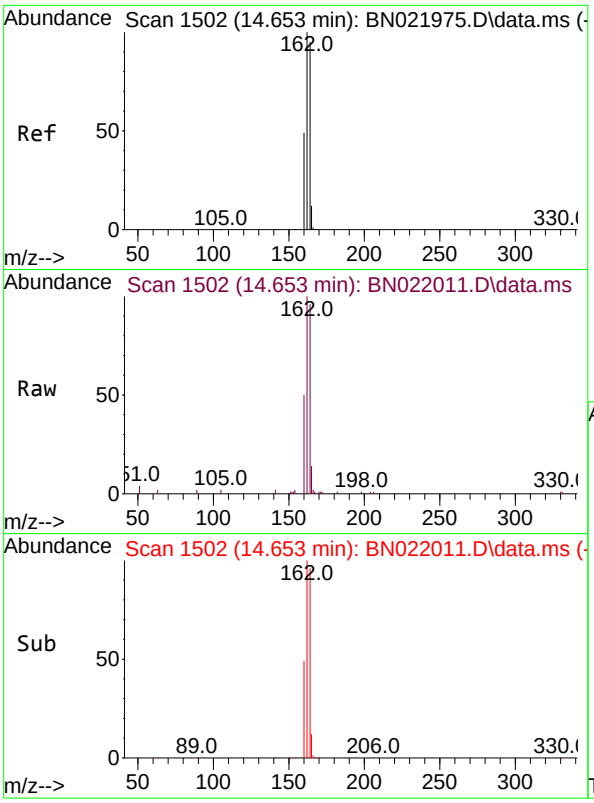


#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.414 min Scan# 1277
Delta R.T. 0.004 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Tgt Ion:152 Resp: 8521

Ion	Ratio	Lower	Upper
152	100		
151	20.9	13.8	20.6#





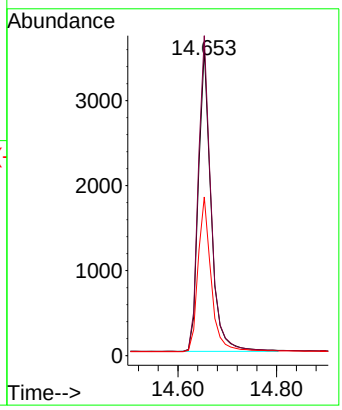
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 1

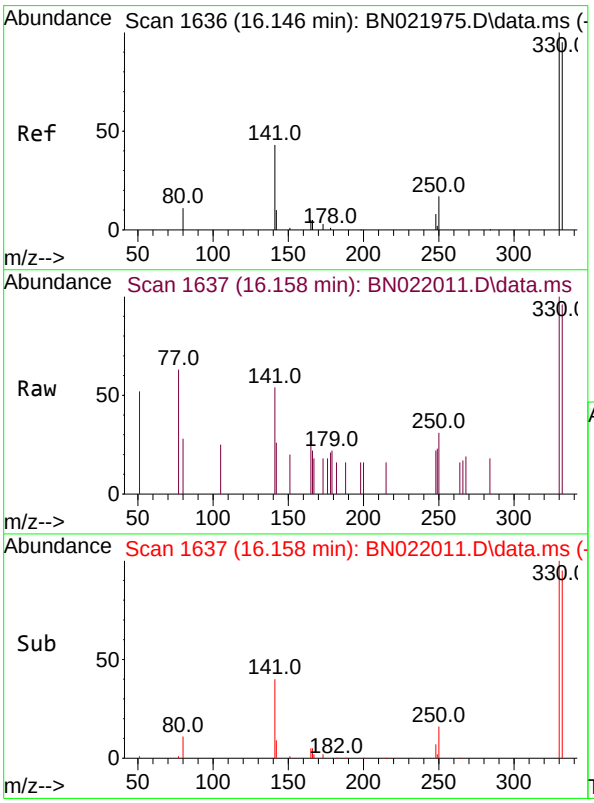
Instrument :
BNA_N
ClientSampleId :

Delta R.T. 0.000 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Tgt Ion:164 Resp: 6317

Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.3	126.5
160	51.7	41.7	62.5

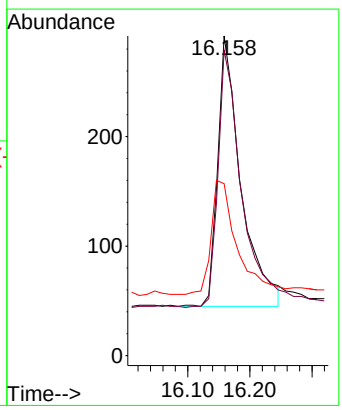


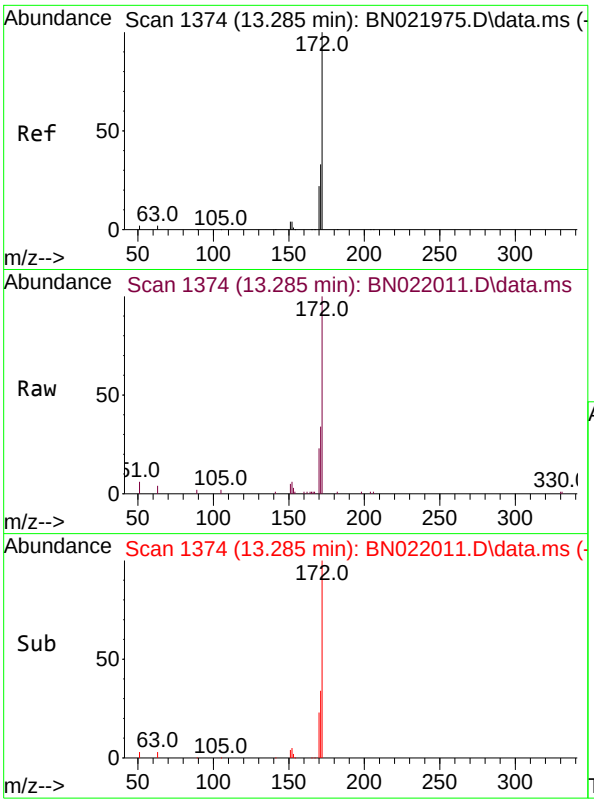


#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 16.158 min Scan# 1637
Delta R.T. 0.012 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Tgt Ion:330 Resp: 645

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.4
141	46.5	35.3	52.9





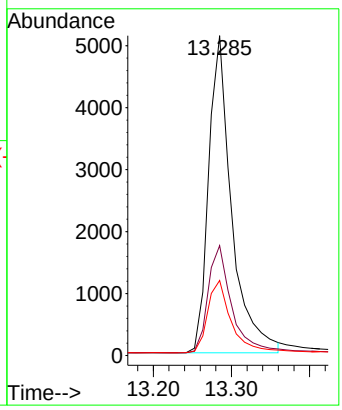
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.285 min Scan# 1

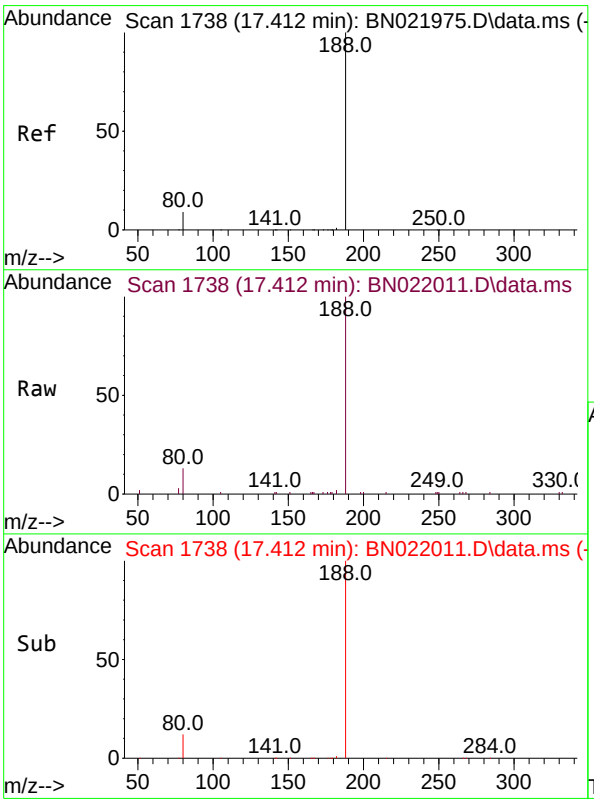
Instrument :
BNA_N
ClientSampleId :

Delta R.T. 0.000 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Tgt Ion:172 Resp: 10469

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.2	40.8
170	23.5	18.3	27.5

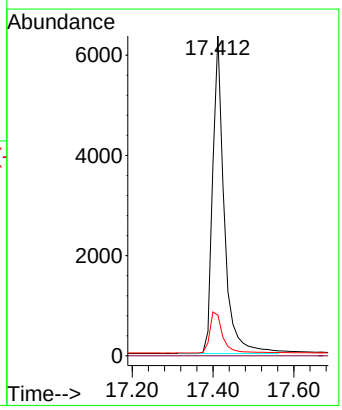


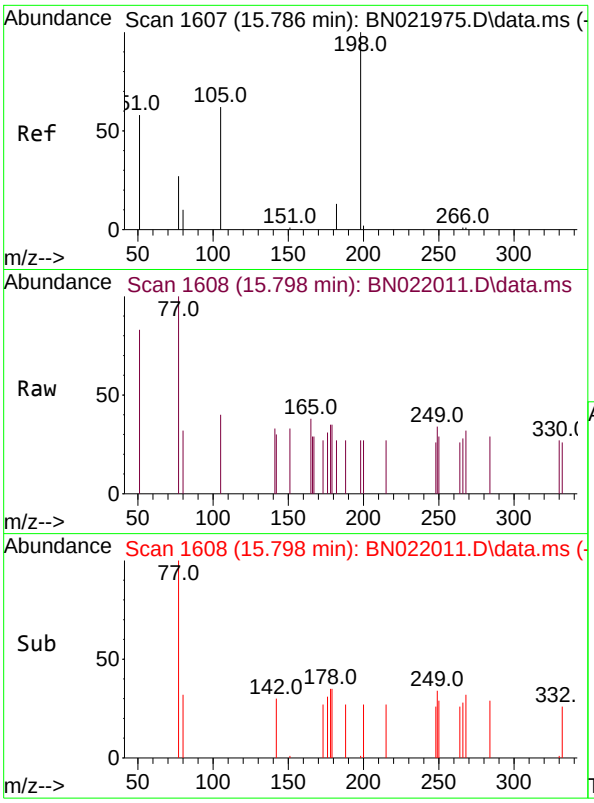


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.412 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Tgt Ion:188 Resp: 12591

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	7.5	11.3#



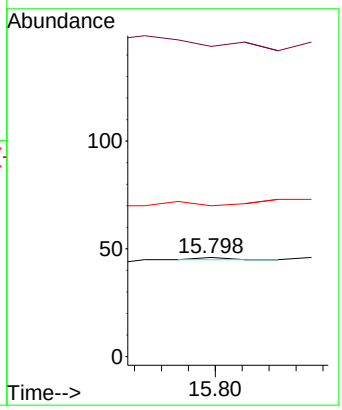


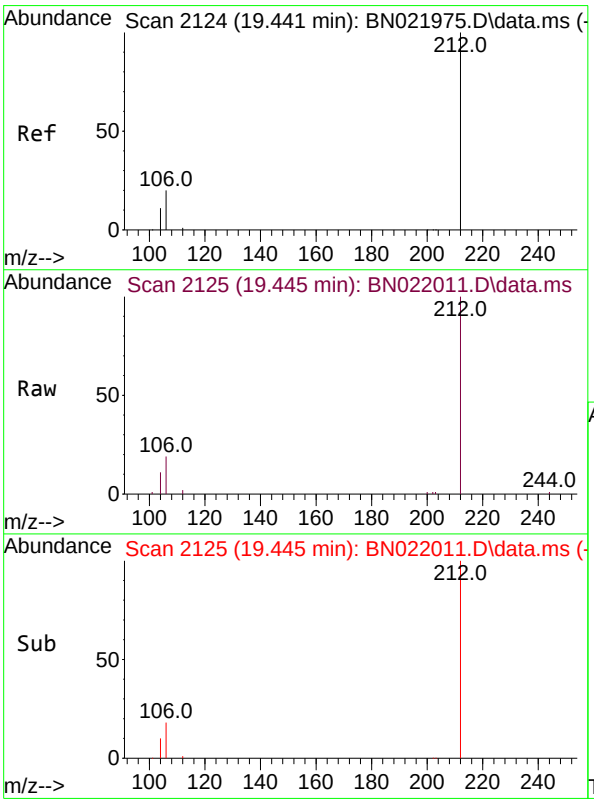
#20
4,6-Dinitro-2-methylphenol
Concen: 0.192 ng
RT: 15.798 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	313.0	96.6	144.8#
105	152.2	64.4	96.6#

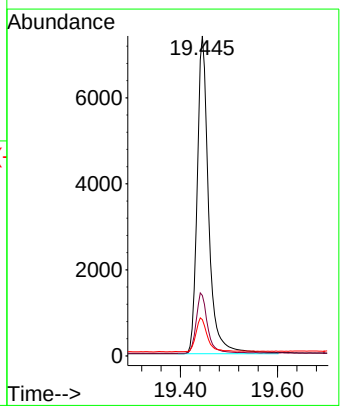


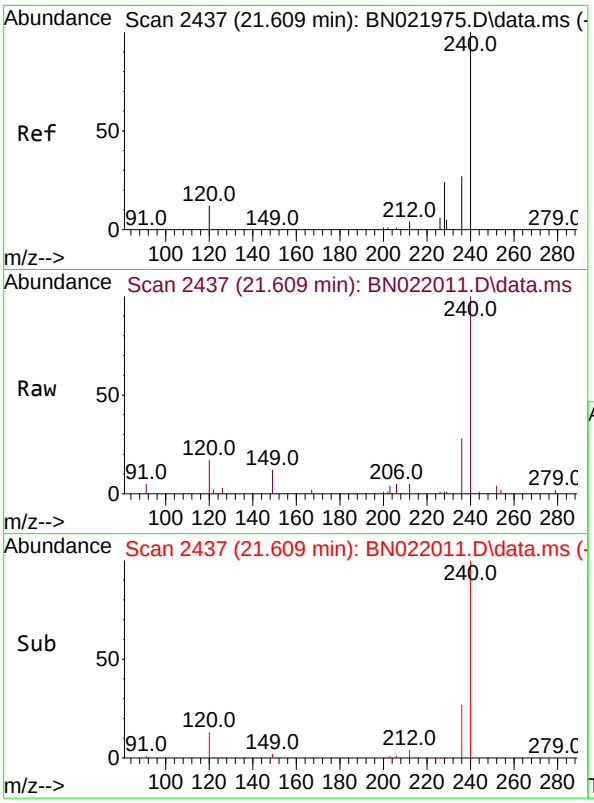


#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.445 min Scan# 2125
Delta R.T. 0.004 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Tgt Ion:212 Resp: 12088

Ion	Ratio	Lower	Upper
212	100		
106	18.8	15.2	22.8
104	10.5	8.6	13.0



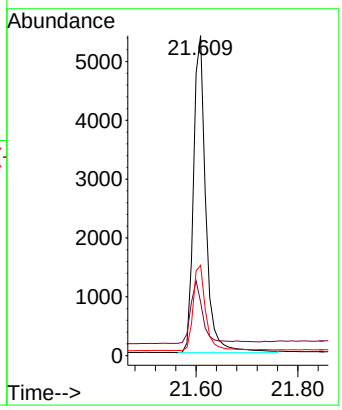


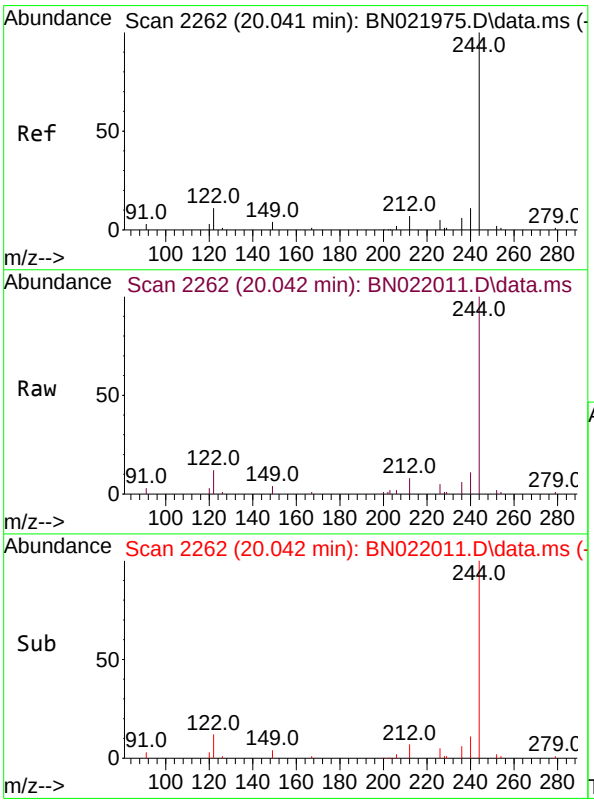
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.609 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 9051

Ion	Ratio	Lower	Upper
240	100		
120	16.7	11.8	17.6
236	28.2	22.4	33.6

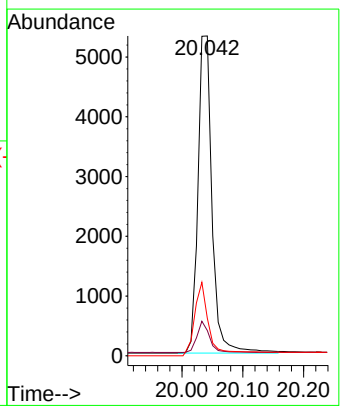


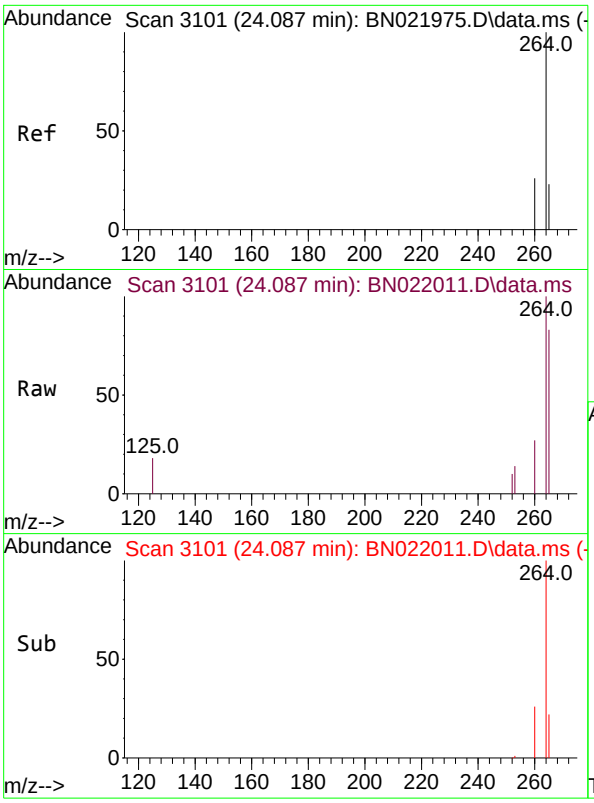


#31
Terphenyl-d14
Concen: 0.433 ng
RT: 20.042 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Tgt Ion:244 Resp: 7874

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	11.7	9.1	13.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022011.D
Acq: 04 Oct 2022 18:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 6965

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.3	31.9
265	82.9	63.0	94.4