Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030281.D
Acq On : 06 Mar 2024 02:05
Operator : MA/JU
Sample : PB159350BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159350BL

Quant Time: Mar 06 02:35:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	1885	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	4609	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	2283	0.400	ng	0.00
19) Phenanthrene-d10	17.231	188	4107	0.400	ng	0.01
29) Chrysene-d12	21.447	240	3166	0.400	ng	0.00
35) Perylene-d12	23.800	264	3698	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1488	0.301	ng	0.00
5) Phenol-d6	6.988	99	1332	0.256	ng	0.00
8) Nitrobenzene-d5	8.993	82	1180	0.281	ng	0.02
11) 2-Methylnaphthalene-d10	12.216	152	2018	0.302	ng	0.01
14) 2,4,6-Tribromophenol	15.977	330	242	0.206	ng	0.01
15) 2-Fluorobiphenyl	13.100	172	2804	0.296	ng	0.01
27) Fluoranthene-d10	19.266	212	3461	0.307	ng	0.00
31) Terphenyl-d14	19.879	244	2740	0.334	ng	0.00
Target Compounds						Qvalue

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

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BNA_N
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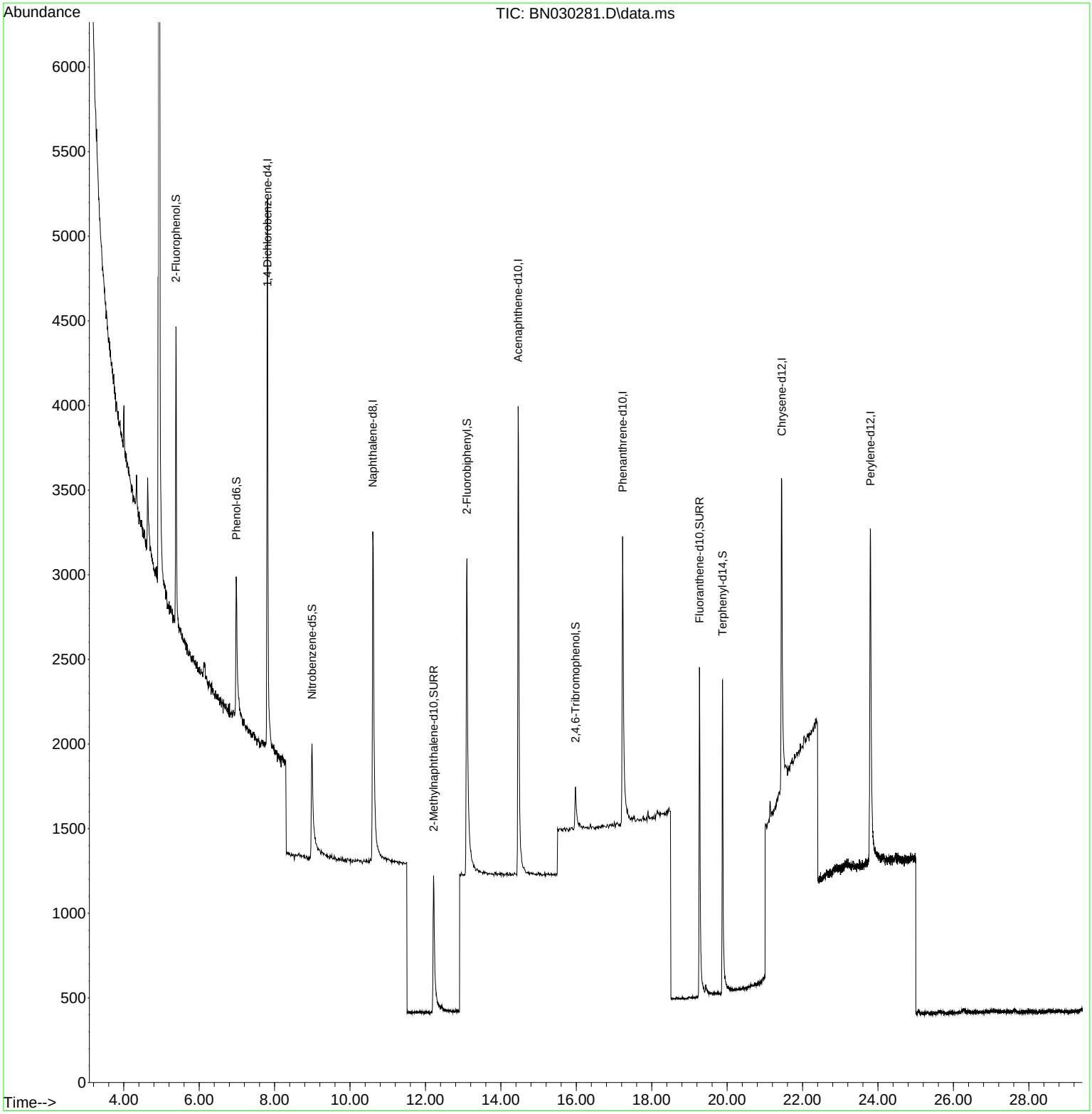
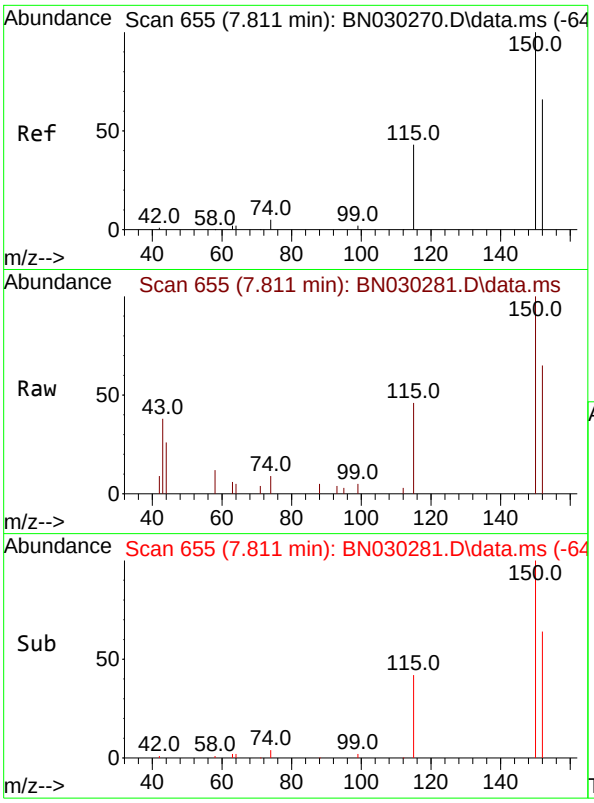


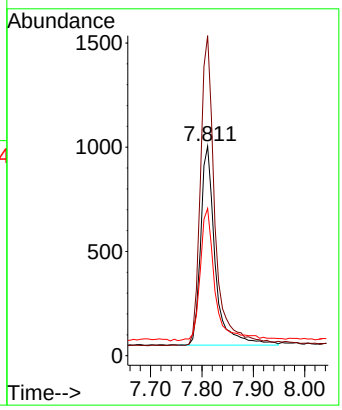


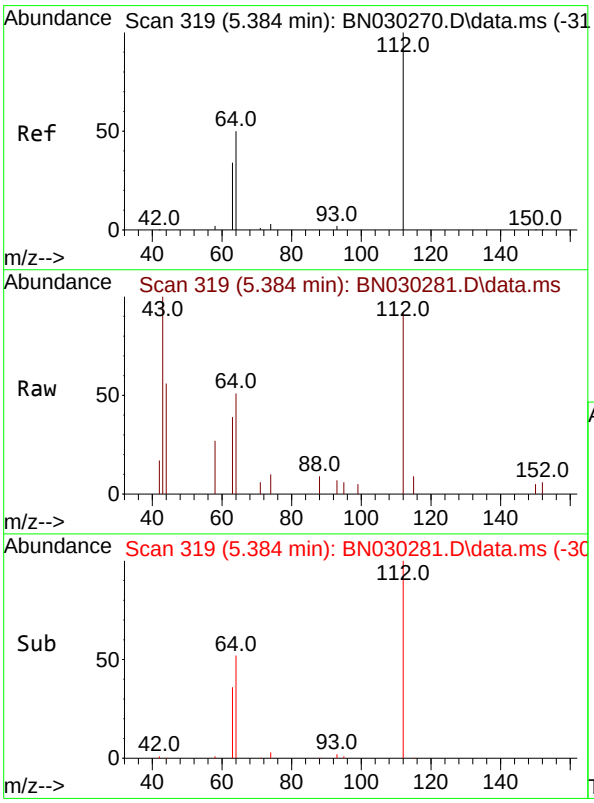
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Instrument :
BNA_N
ClientSampleId :
PB159350BL

Tgt Ion:152 Resp: 1885

Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.4	179.0
115	70.2	56.9	85.3

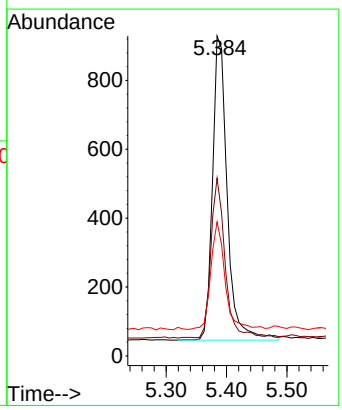


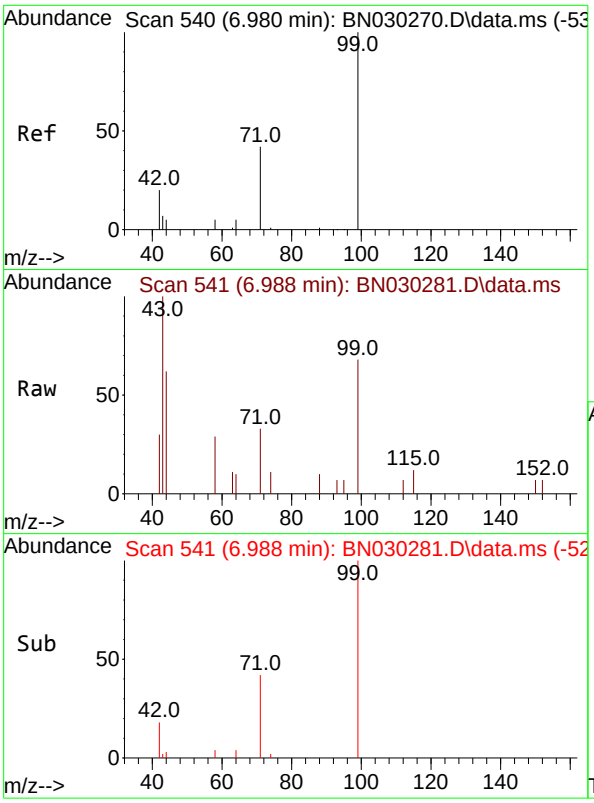


#4
2-Fluorophenol
Concen: 0.301 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Tgt Ion:112 Resp: 1488

Ion	Ratio	Lower	Upper
112	100		
64	50.8	41.8	62.8
63	34.2	27.1	40.7



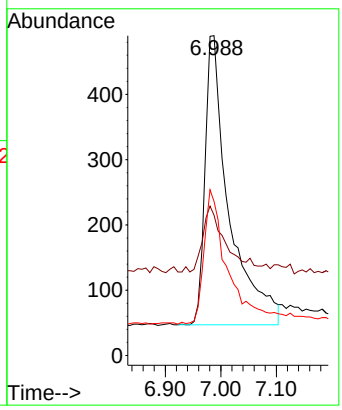


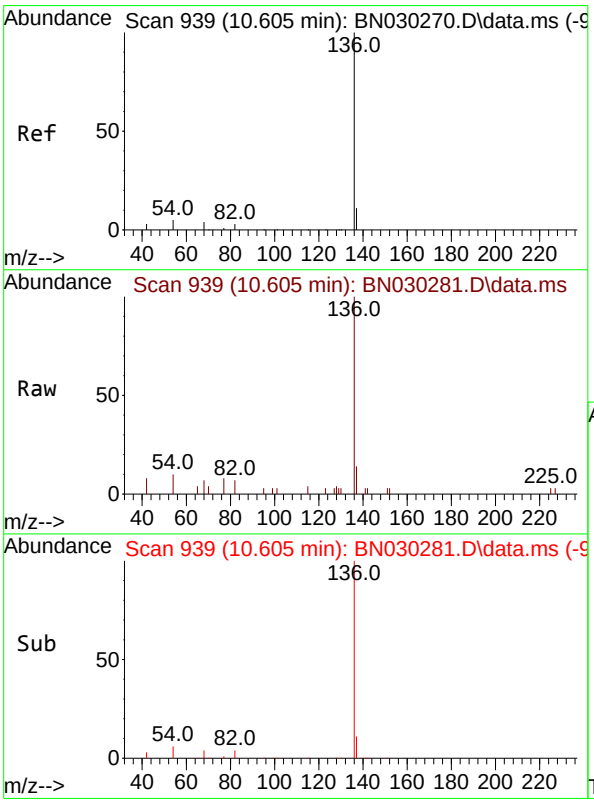
#5
Phenol-d6
Concen: 0.256 ng
RT: 6.988 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Instrument :
BNA_N
ClientSampleId :
PB159350BL

Tgt Ion: 99 Resp: 1332

Ion	Ratio	Lower	Upper
99	100		
42	21.9	19.0	28.6
71	46.6	36.0	54.0

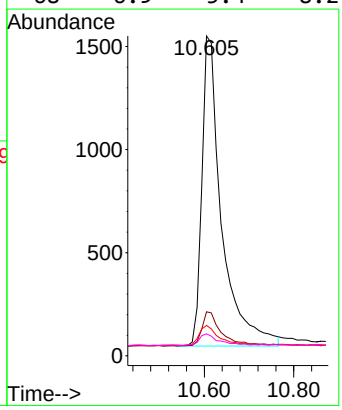


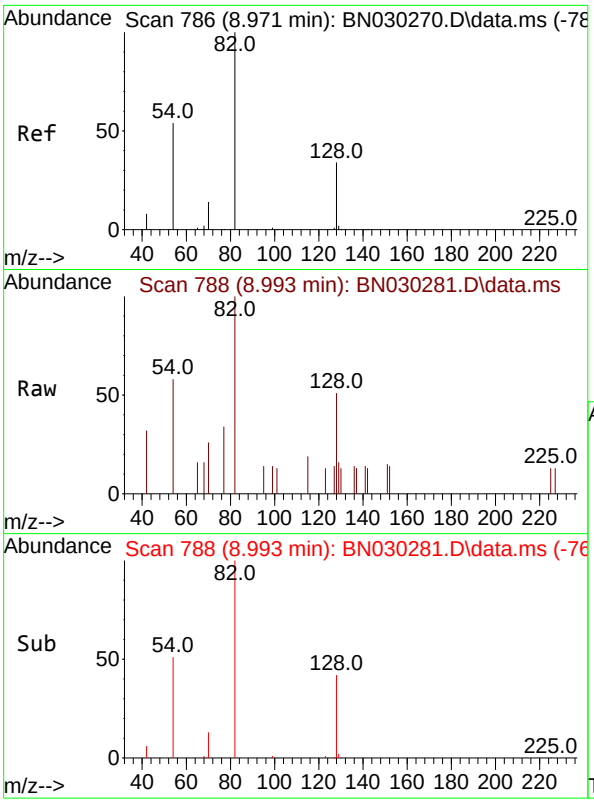


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Tgt Ion:136 Resp: 4609

Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.5	15.7
54	9.5	6.4	9.6
68	6.9	5.4	8.2



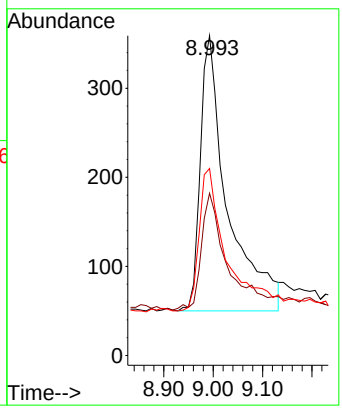


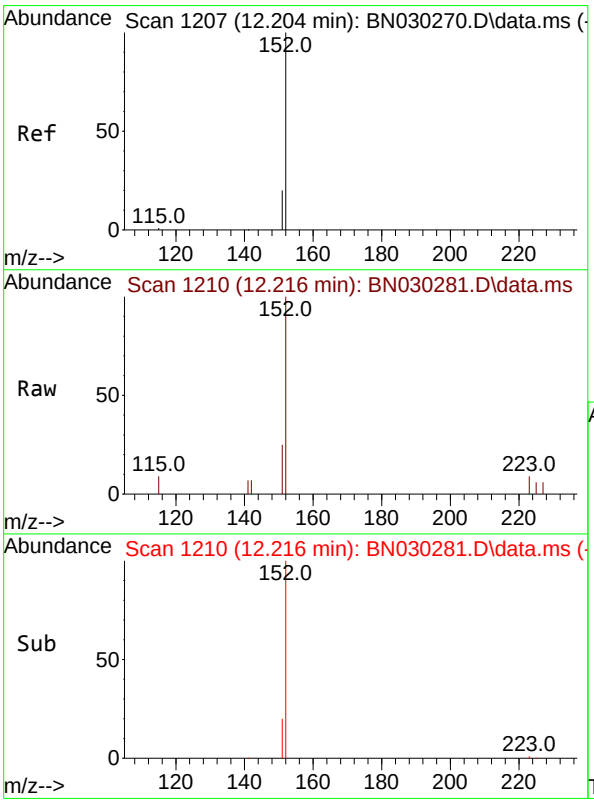
#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.993 min Scan# 7
Delta R.T. 0.021 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Instrument :
BNA_N
ClientSampleId :
PB159350BL

Tgt Ion: 82 Resp: 1180

Ion	Ratio	Lower	Upper
82	100		
128	50.7	32.2	48.2#
54	58.5	47.3	70.9

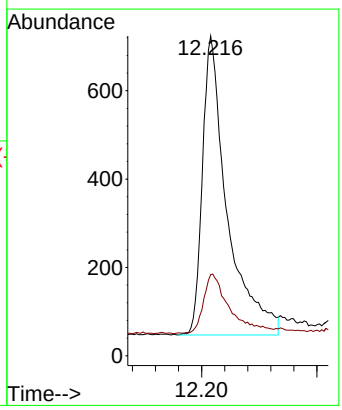


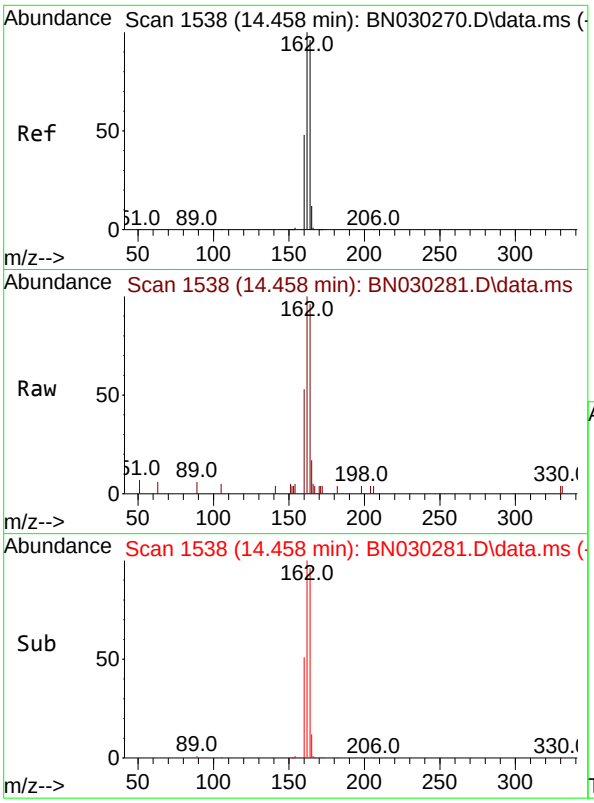


#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.216 min Scan# 1210
Delta R.T. 0.011 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Tgt Ion:152 Resp: 2018

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1



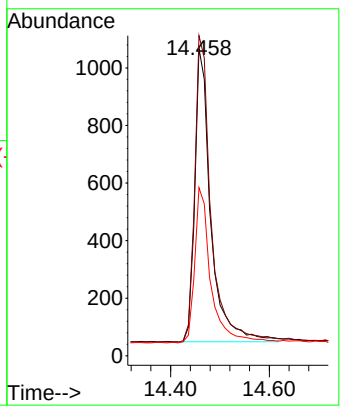


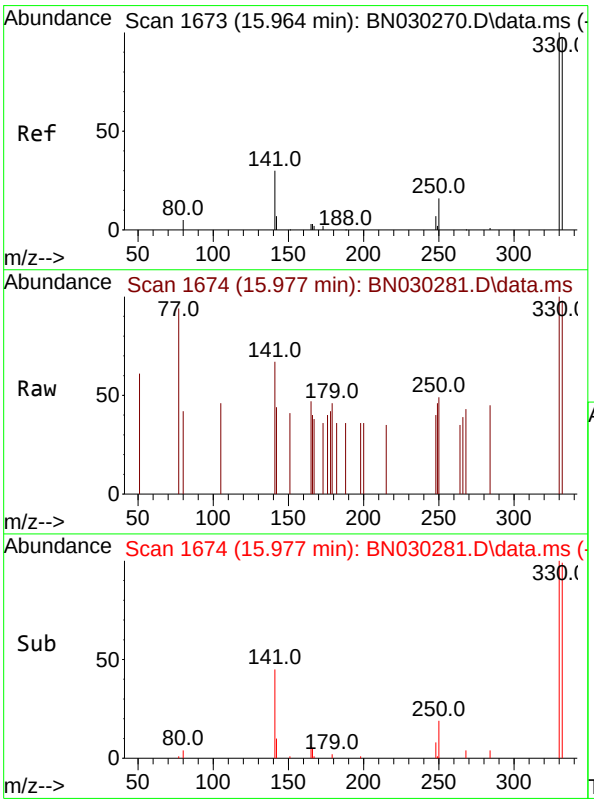
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Instrument :
BNA_N
ClientSampleId :
PB159350BL

Tgt Ion:164 Resp: 2283

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.4	125.2
160	54.7	41.7	62.5

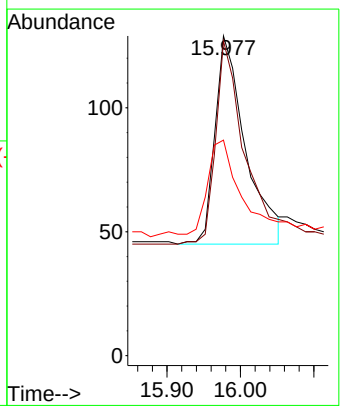


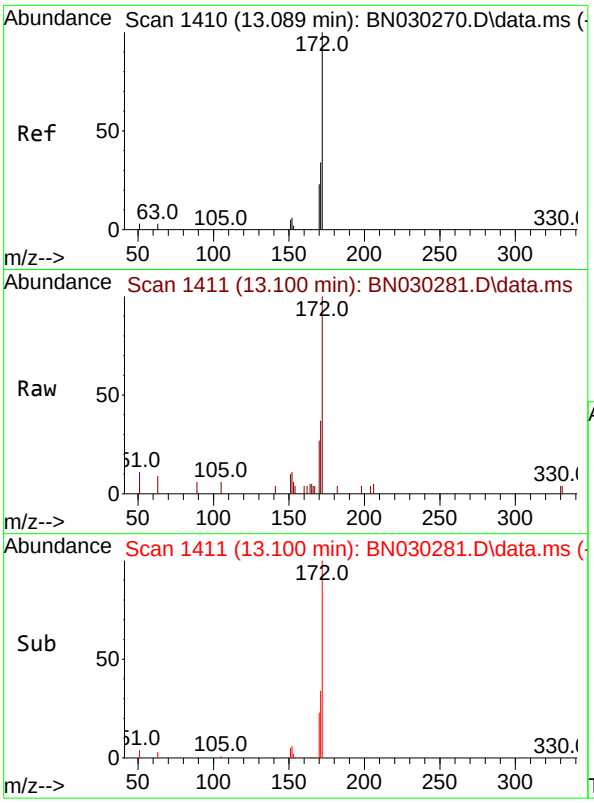


#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.977 min Scan# 1674
Delta R.T. 0.012 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Tgt Ion:330 Resp: 242

Ion	Ratio	Lower	Upper
330	100		
332	95.0	72.6	108.8
141	48.3	41.3	61.9



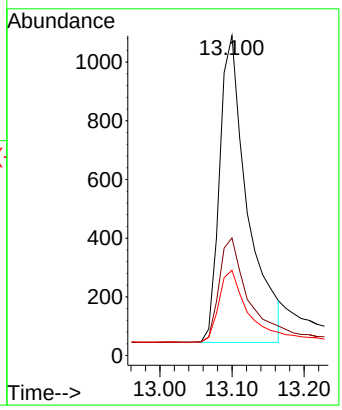


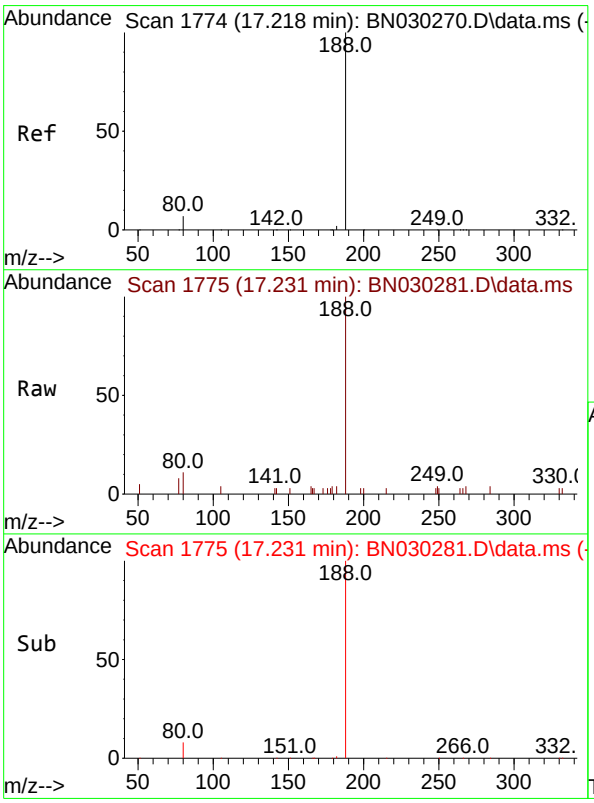
#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.100 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Instrument :
BNA_N
ClientSampleId :
PB159350BL

Tgt Ion:172 Resp: 2804

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.4
170	26.7	20.2	30.2

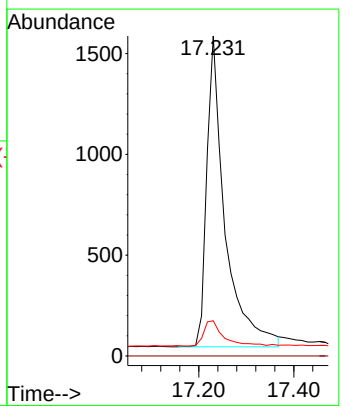


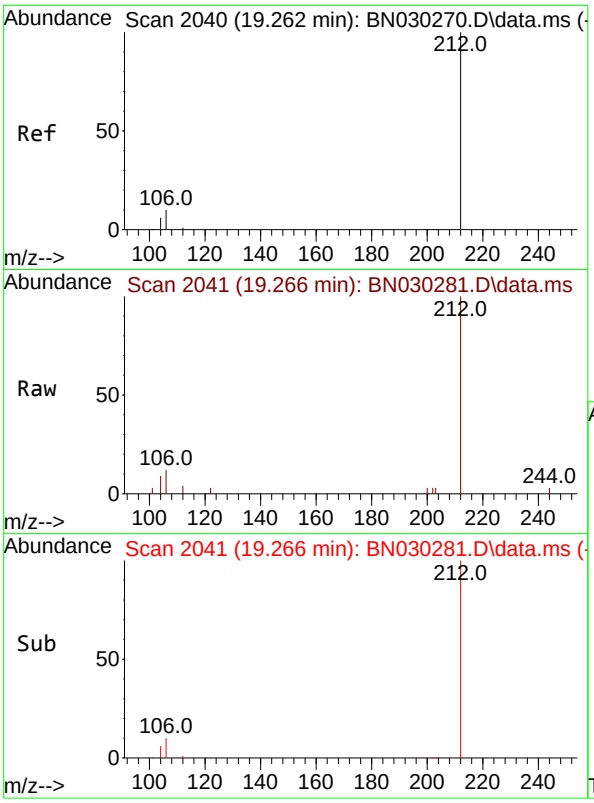


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.231 min Scan# 1775
Delta R.T. 0.012 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Tgt Ion:188 Resp: 4107

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.8	11.6



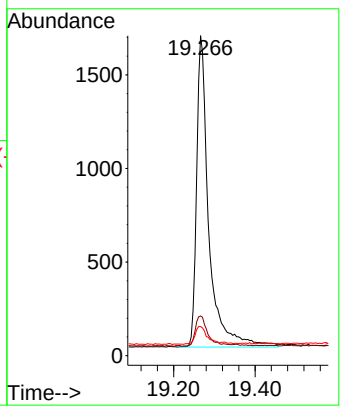


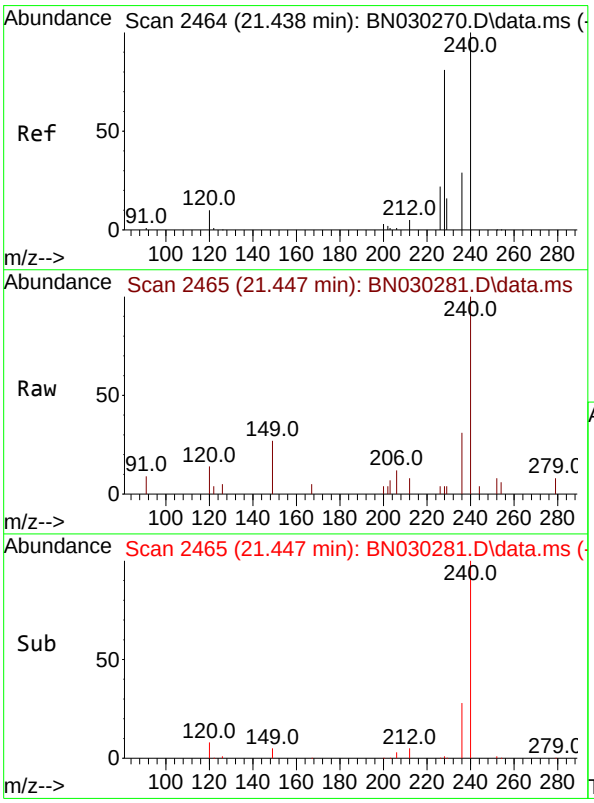
#27
Fluoranthene-d10
Concen: 0.307 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Instrument :
BNA_N
ClientSampleId :
PB159350BL

Tgt Ion:212 Resp: 3461

Ion	Ratio	Lower	Upper
212	100		
106	9.3	8.2	12.4
104	5.6	4.7	7.1

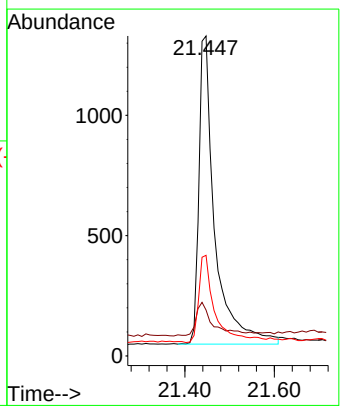


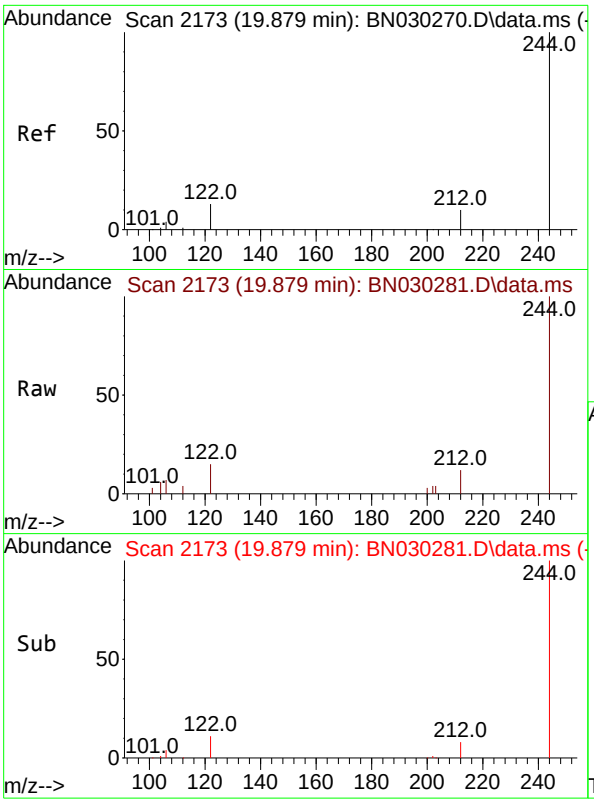


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.447 min Scan# 2465
Delta R.T. 0.009 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Tgt Ion:240 Resp: 3166

Ion	Ratio	Lower	Upper
240	100		
120	14.4	12.2	18.2
236	31.4	25.2	37.8



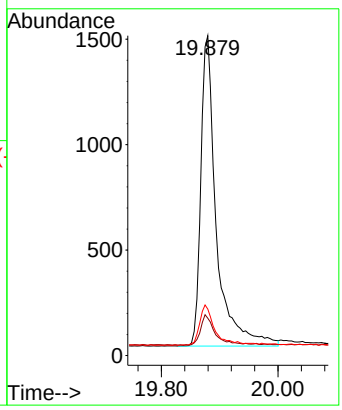


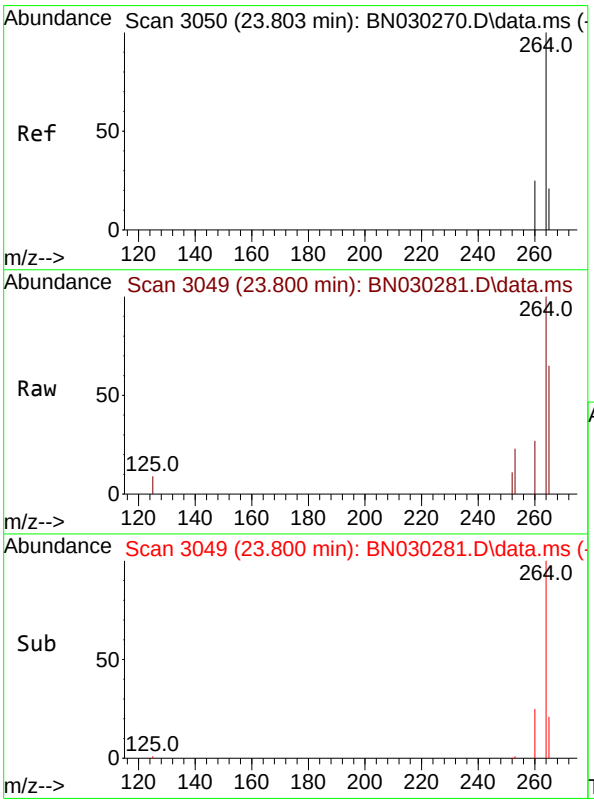
#31
Terphenyl-d14
Concen: 0.334 ng
RT: 19.879 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Instrument :
BNA_N
ClientSampleId :
PB159350BL

Tgt Ion:244 Resp: 2740

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.5	14.3
122	14.5	11.8	17.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.800 min Scan# 3049
Delta R.T. -0.003 min
Lab File: BN030281.D
Acq: 06 Mar 2024 02:05

Tgt Ion:264 Resp: 3698

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.7	32.5
265	64.8	50.8	76.2