Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028194.D
Acq On : 10 Oct 2023 13:12
Operator : MA/JU
Sample : PB155970BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155970BL

Quant Time: Oct 10 13:41:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3520	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	9893	0.400	ng	0.01
13) Acenaphthene-d10	14.576	164	4720	0.400	ng	0.01
19) Phenanthrene-d10	17.331	188	9371	0.400	ng	0.01
29) Chrysene-d12	21.524	240	9123	0.400	ng	0.00
35) Perylene-d12	23.987	264	10532	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	4038	0.385	ng	0.00
5) Phenol-d6	7.098	99	4036	0.305	ng	0.00
8) Nitrobenzene-d5	9.134	82	3458	0.411	ng	0.01
11) 2-Methylnaphthalene-d10	12.343	152	5696	0.389	ng	0.02
14) 2,4,6-Tribromophenol	16.090	330	516	0.239	ng	0.01
15) 2-Fluorobiphenyl	13.208	172	7241	0.426	ng	0.02
27) Fluoranthene-d10	19.360	212	10672	0.453	ng	0.00
31) Terphenyl-d14	19.946	244	9289	0.436	ng	0.00
Target Compounds						Qvalue

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

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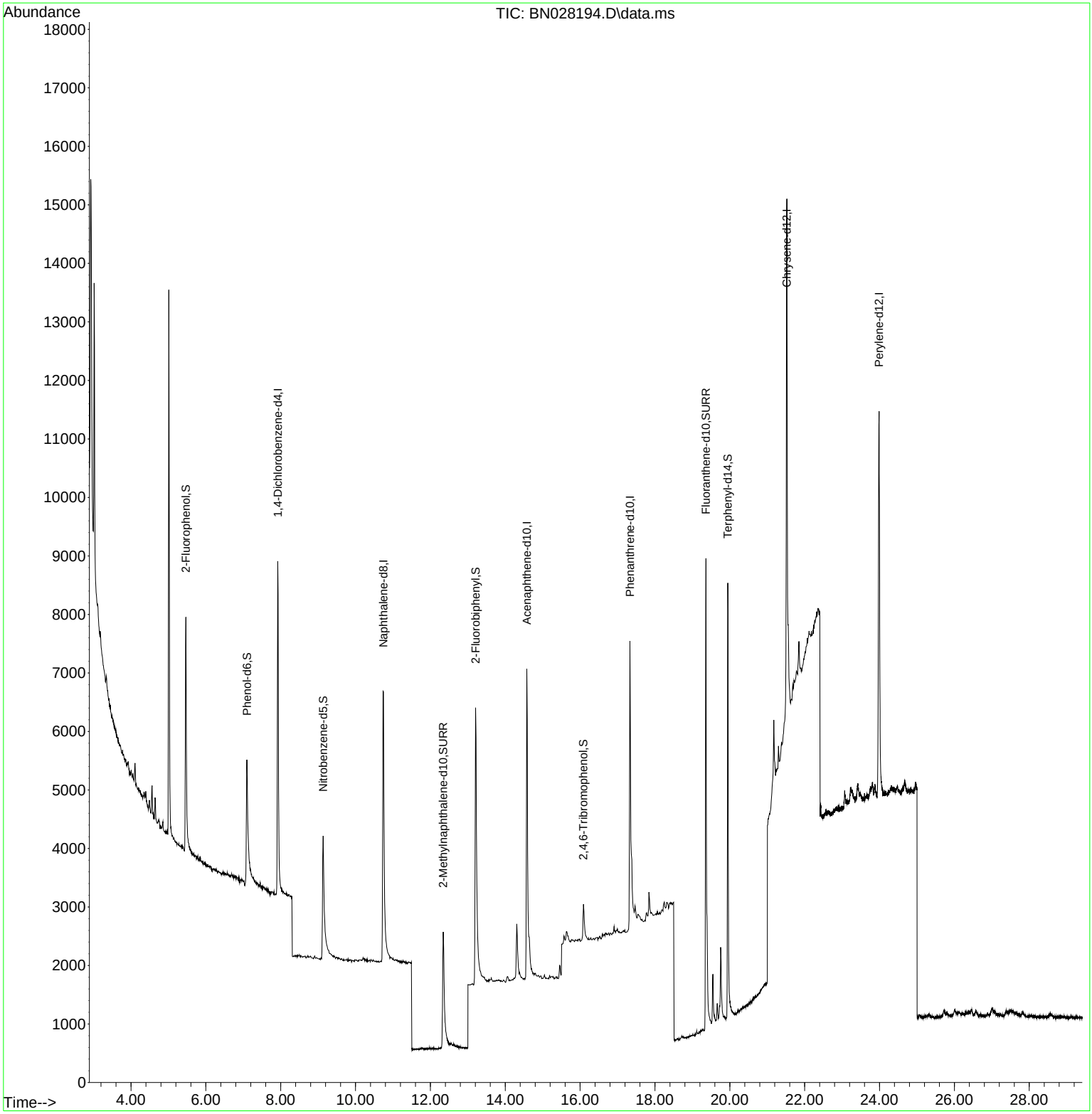
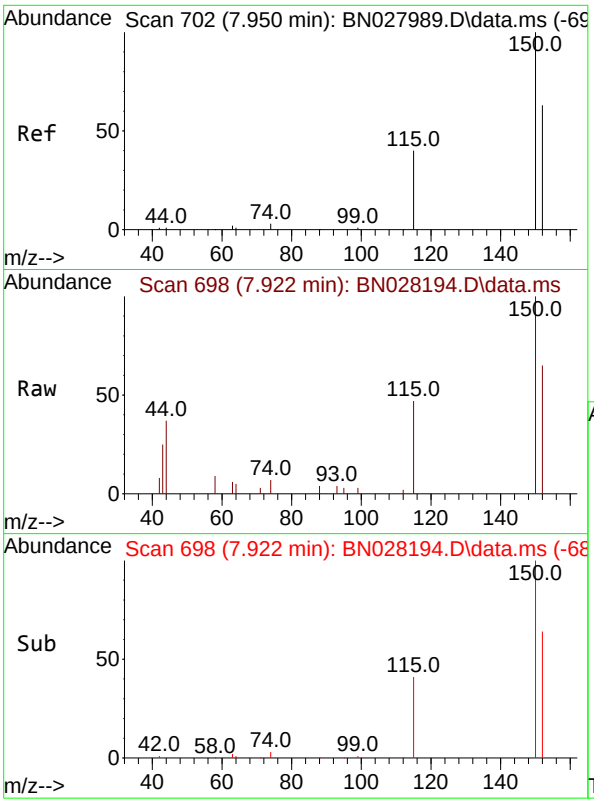


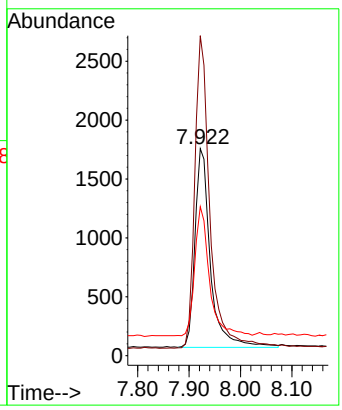


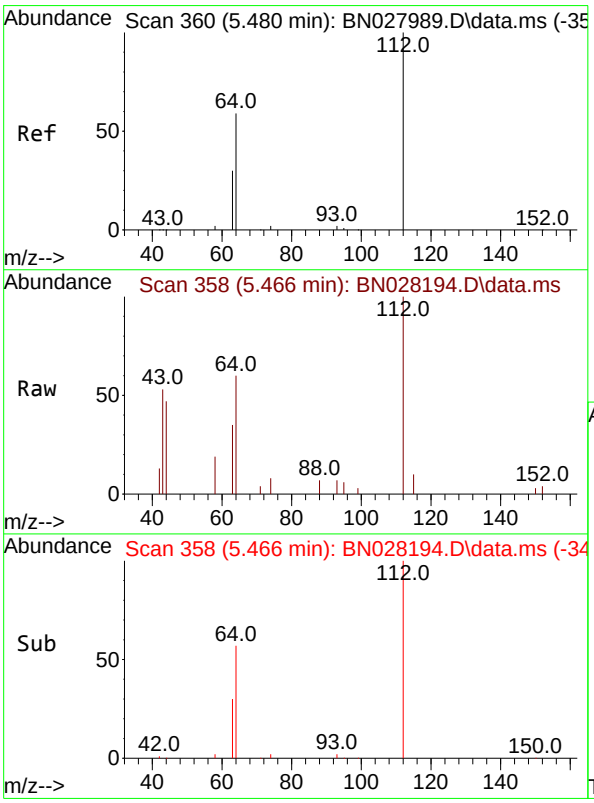
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Instrument :
BNA_N
ClientSampleId :
PB155970BL

Tgt Ion:152 Resp: 3520

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.6	188.4
115	71.9	54.8	82.2

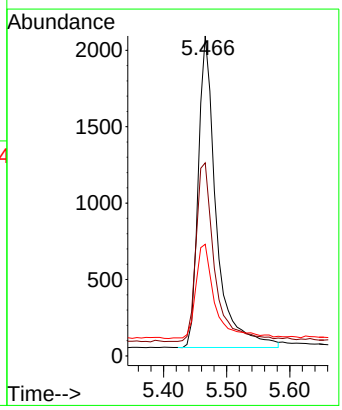


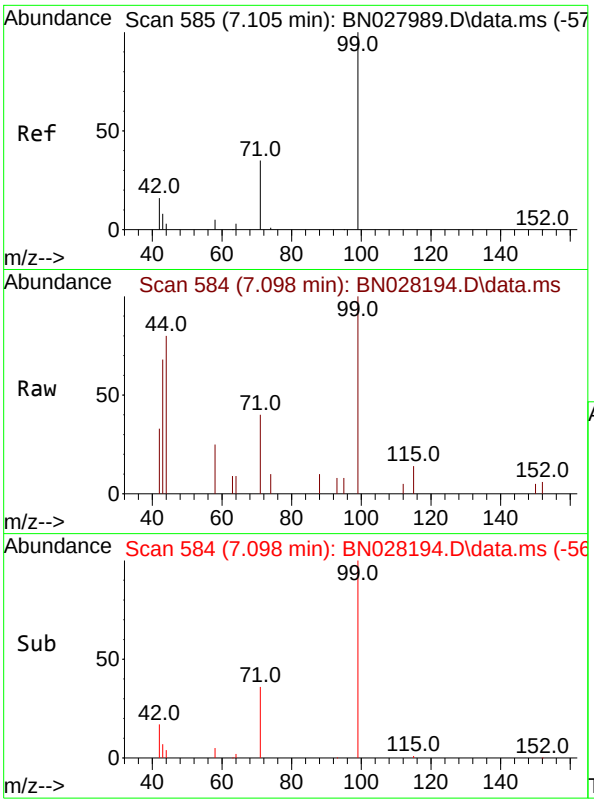


#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.466 min Scan# 358
Delta R.T. -0.000 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:112 Resp: 4038

Ion	Ratio	Lower	Upper
112	100		
64	59.7	45.0	67.6
63	32.5	23.4	35.0



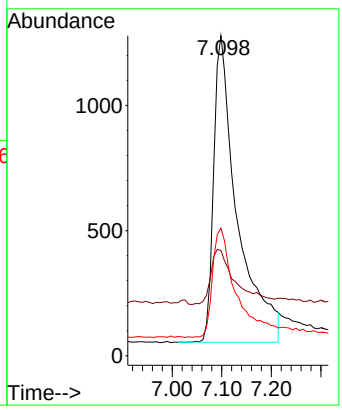


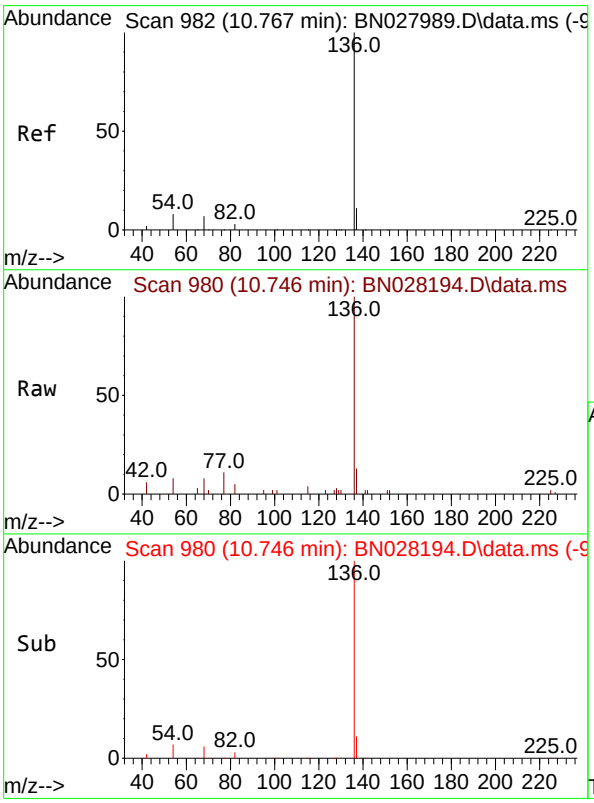
#5
Phenol-d6
Concen: 0.305 ng
RT: 7.098 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Instrument :
BNA_N
ClientSampleId :
PB155970BL

Tgt Ion: 99 Resp: 4036

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.6	22.0
71	36.2	28.3	42.5

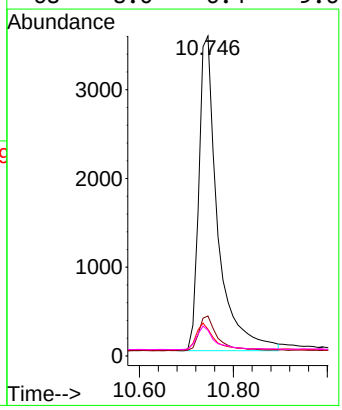


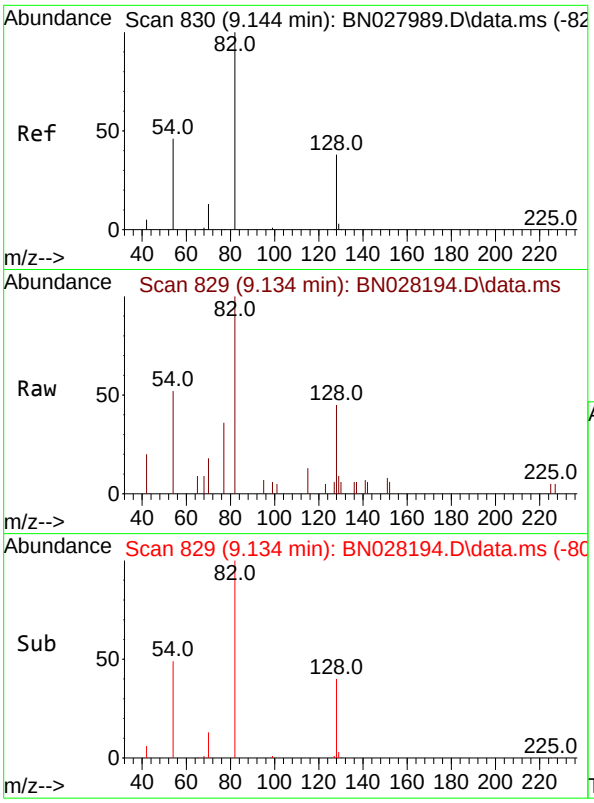


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:136 Resp: 9893

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.0
54	8.3	7.0	10.6
68	8.0	6.4	9.6



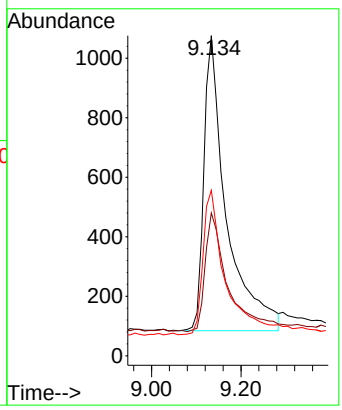


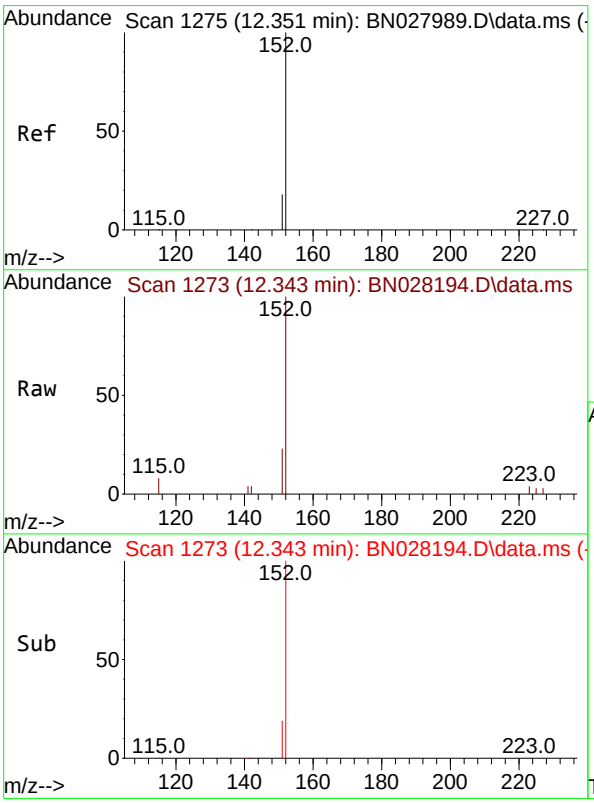
#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 9.134 min Scan# 8
Delta R.T. 0.011 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Instrument :
BNA_N
ClientSampleId :
PB155970BL

Tgt Ion: 82 Resp: 3458

Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.7	49.1
54	51.7	38.7	58.1

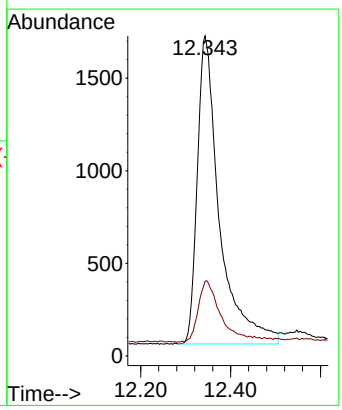


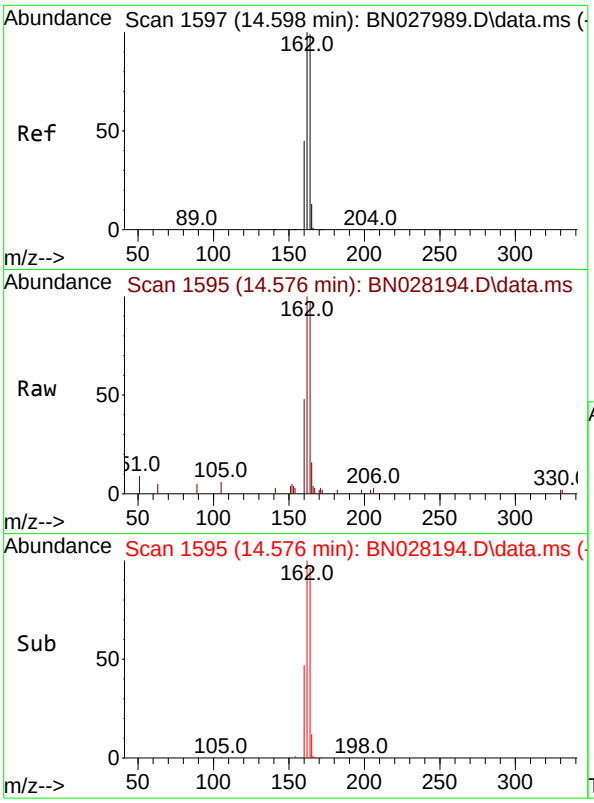


#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.343 min Scan# 1273
Delta R.T. 0.019 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:152 Resp: 5696

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.5	24.7



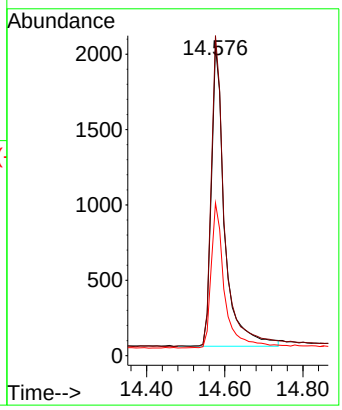


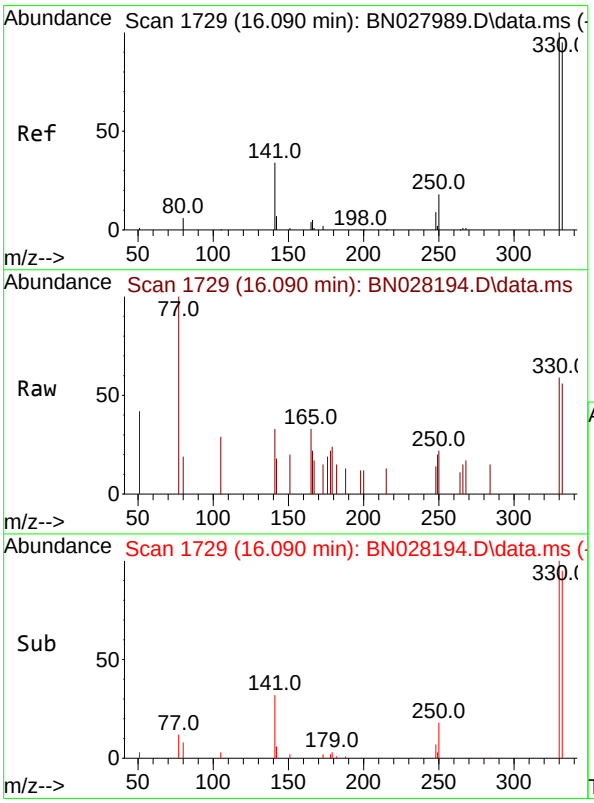
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Instrument :
BNA_N
ClientSampleId :
PB155970BL

Tgt Ion:164 Resp: 4720

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.8	121.2
160	49.3	36.4	54.6

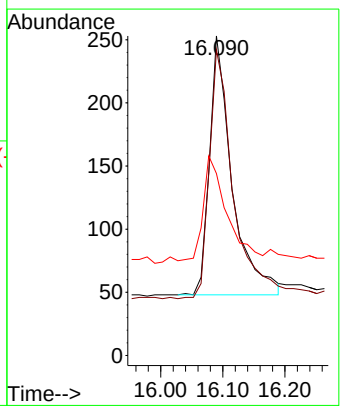


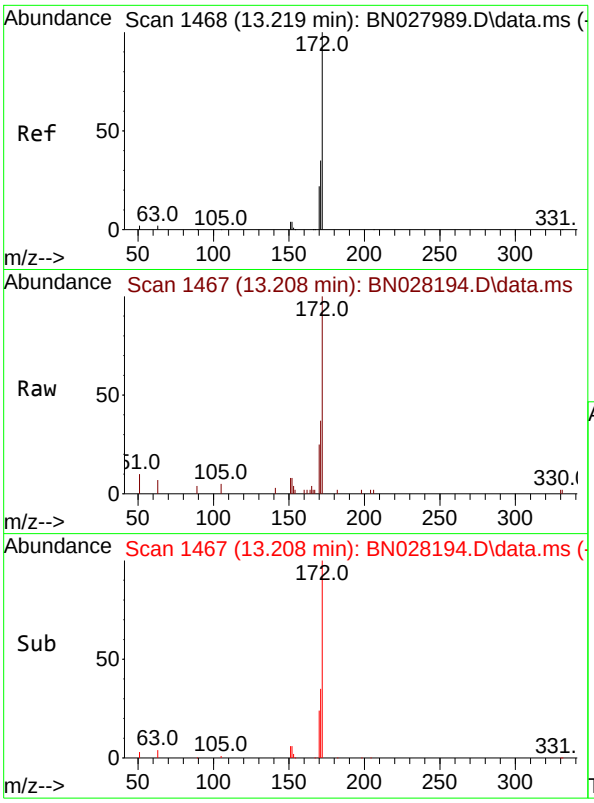


#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 16.090 min Scan# 1729
Delta R.T. 0.012 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:330 Resp: 516

Ion	Ratio	Lower	Upper
330	100		
332	102.1	78.1	117.1
141	41.7	33.4	50.2



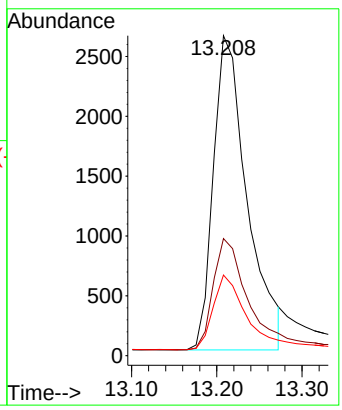


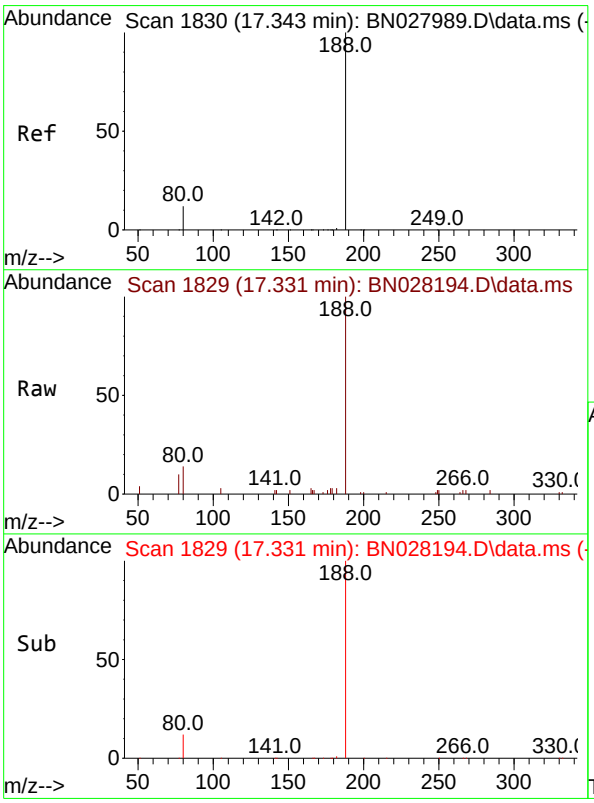
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 13.208 min Scan# 14
Delta R.T. 0.021 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Instrument :
BNA_N
ClientSampleId :
PB155970BL

Tgt Ion:172 Resp: 7241

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.1	42.1
170	25.2	18.4	27.6

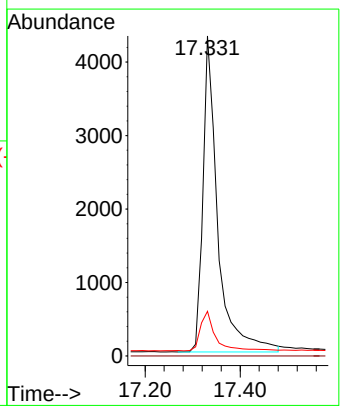


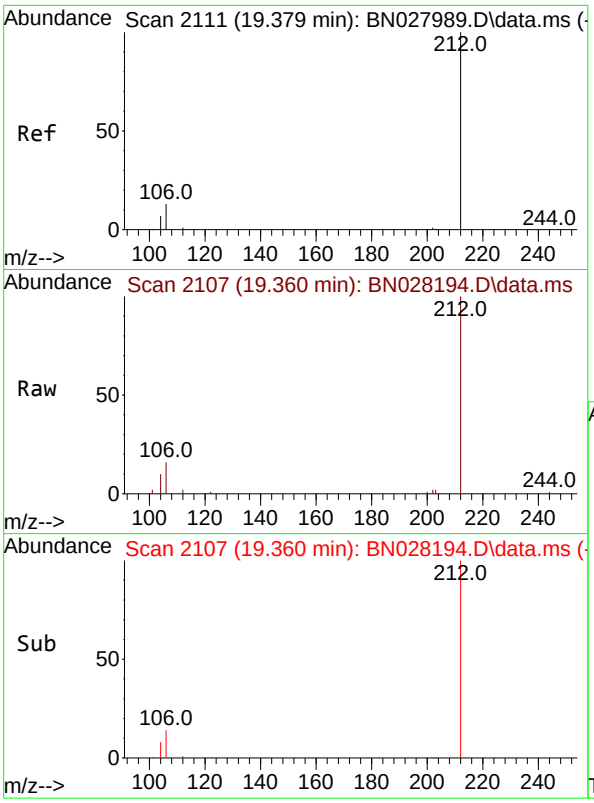


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:188 Resp: 9371

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	10.2	15.4



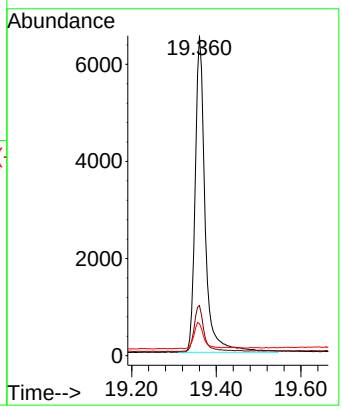


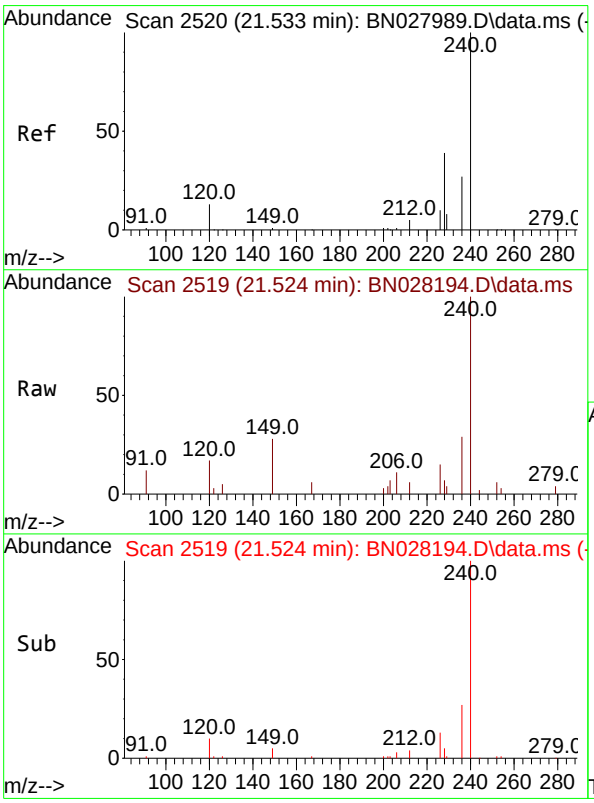
#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.360 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Instrument :
BNA_N
ClientSampleId :
PB155970BL

Tgt Ion:212 Resp: 10672

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.3	16.9
104	8.0	6.4	9.6

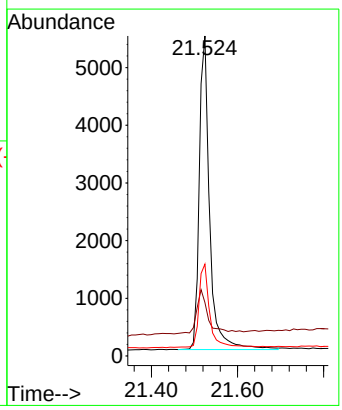


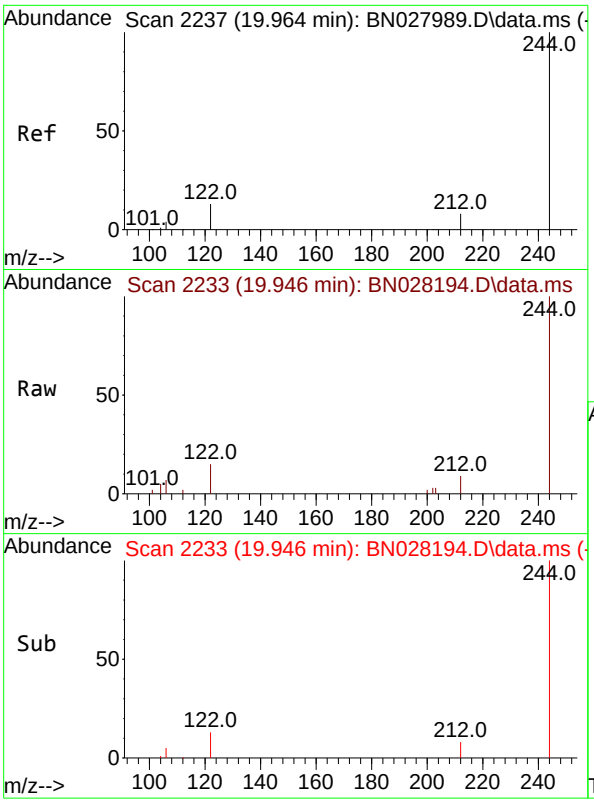


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.009 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:240 Resp: 9123

Ion	Ratio	Lower	Upper
240	100		
120	16.7	13.8	20.6
236	28.7	22.6	33.8



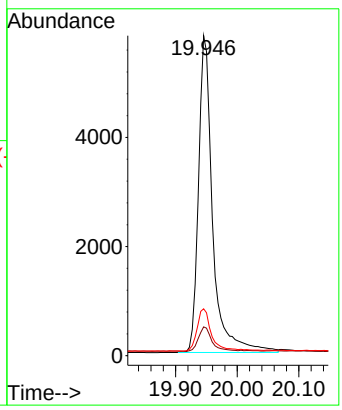


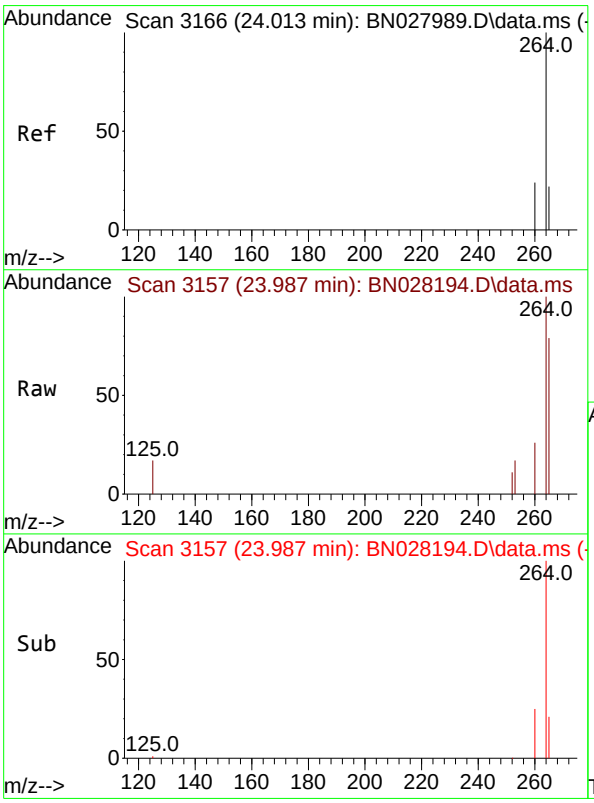
#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.946 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Instrument :
BNA_N
ClientSampleId :
PB155970BL

Tgt Ion:244 Resp: 9289

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	9.8
122	14.7	11.4	17.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.987 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:264 Resp: 10532

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.2	30.4
265	79.3	54.8	82.2