Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027639.D
Acq On : 13 Sep 2023 11:17
Operator : MA/JU
Sample : PB155302BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155302BL

Quant Time: Sep 13 12:58:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5862	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	15047	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	6897	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	13829	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9833	0.400	ng	0.00
35) Perylene-d12	24.089	264	9321	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	6475	0.424	ng	0.00
5) Phenol-d6	7.185	99	6803	0.366	ng	0.00
8) Nitrobenzene-d5	9.219	82	5711	0.521	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	8361	0.378	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	618	0.242	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13504	0.515	ng	-0.01
27) Fluoranthene-d10	19.430	212	13436	0.391	ng	0.00
31) Terphenyl-d14	20.015	244	11998	0.607	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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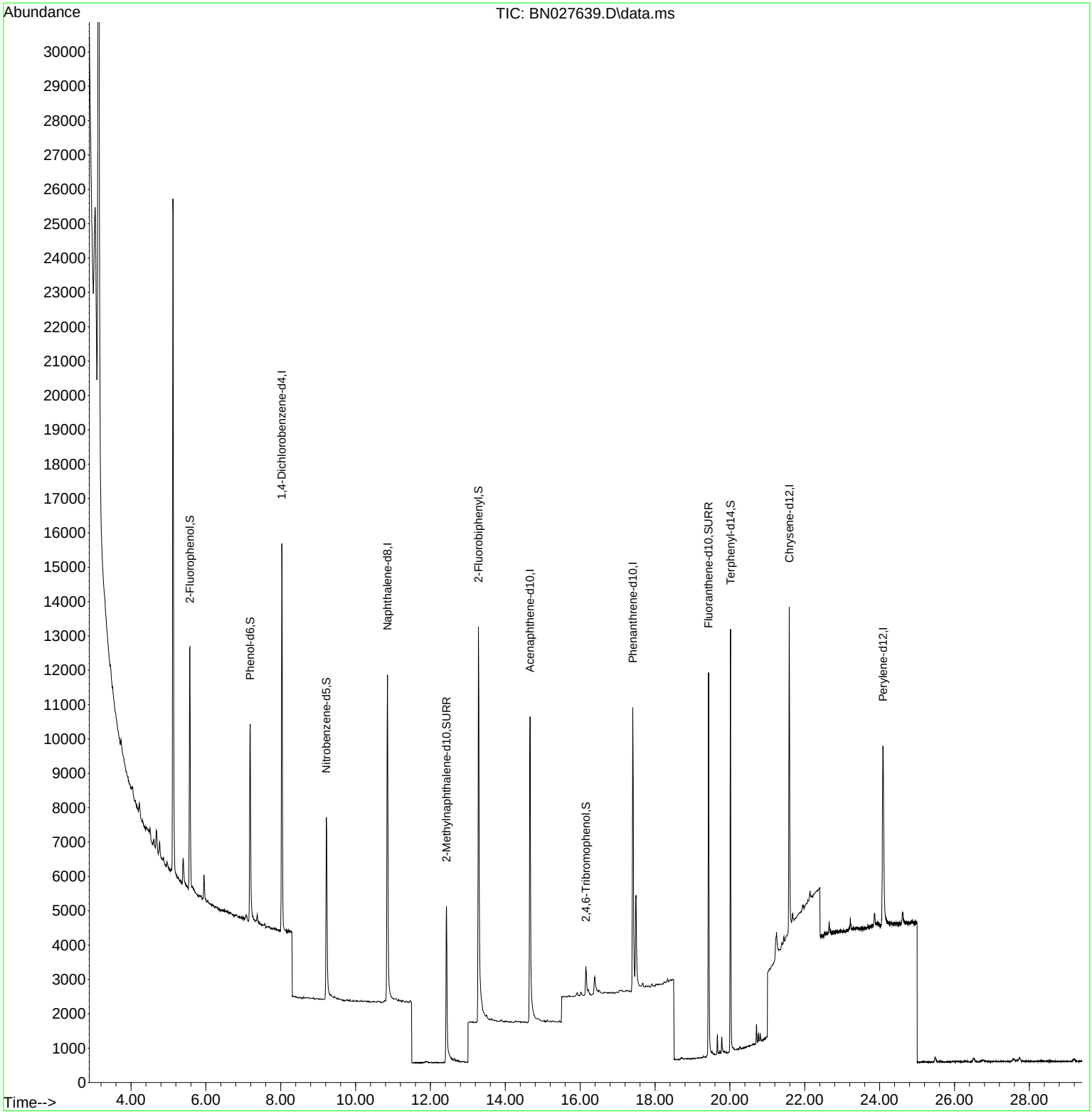
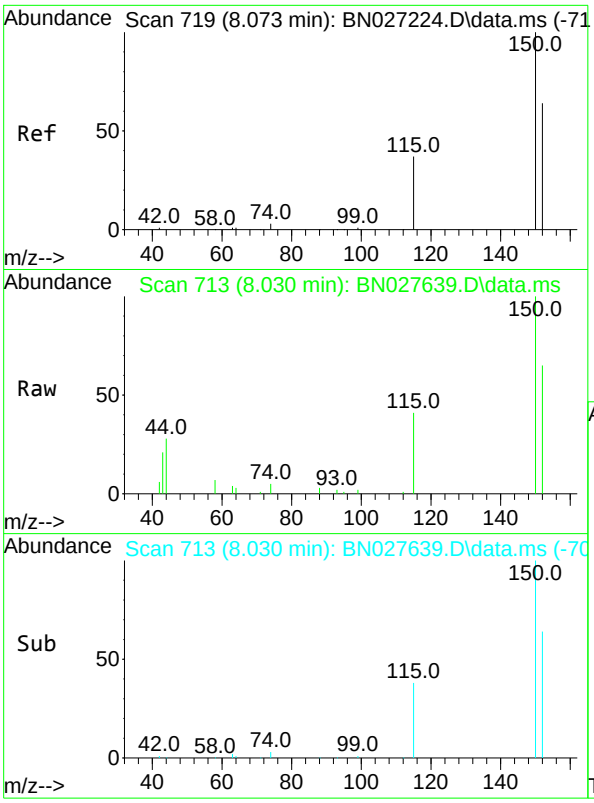


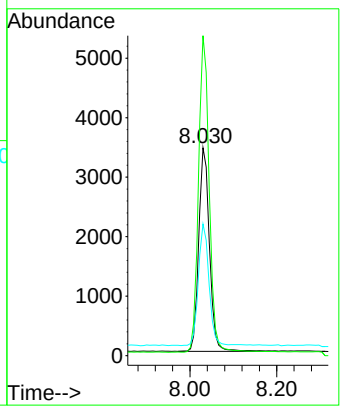


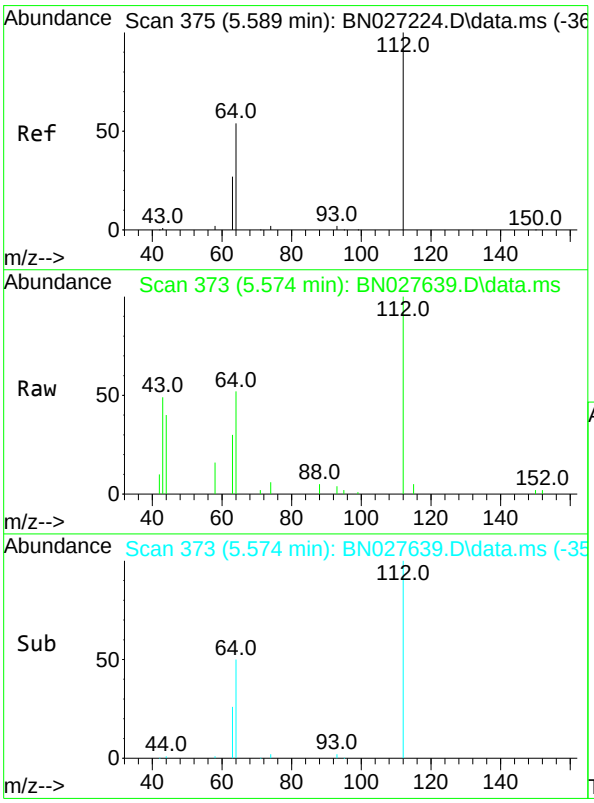
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Instrument :
BNA_N
ClientSampleId :
PB155302BL

Tgt Ion:152 Resp: 5862

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	63.3	48.6	73.0

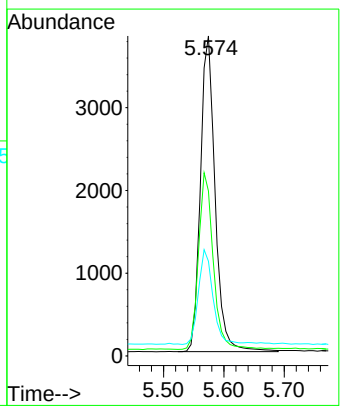


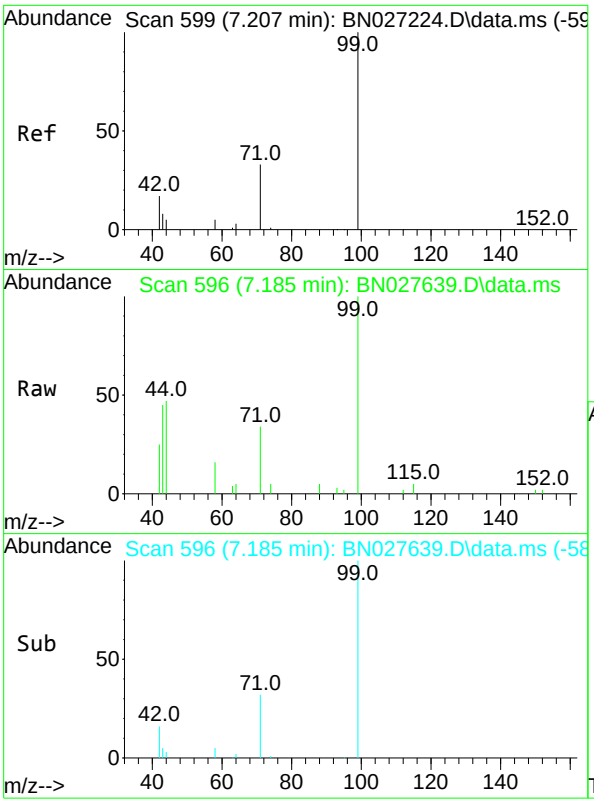


#4
2-Fluorophenol
Concen: 0.424 ng
RT: 5.574 min Scan# 373
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion:112 Resp: 6475

Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.4	66.6
63	29.6	23.1	34.7



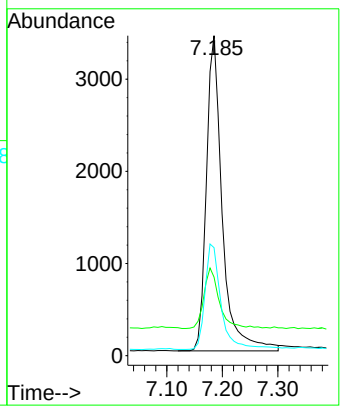


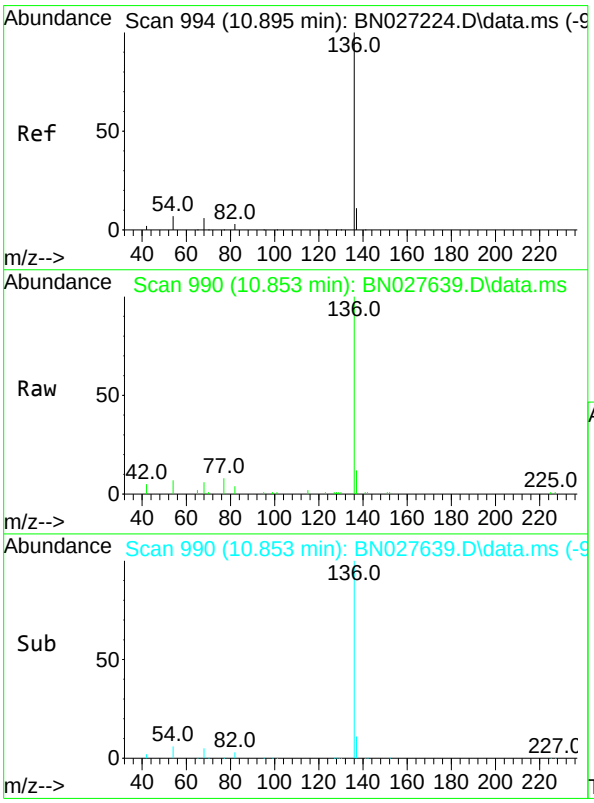
#5
Phenol-d6
Concen: 0.366 ng
RT: 7.185 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Instrument :
BNA_N
ClientSampleId :
PB155302BL

Tgt Ion: 99 Resp: 6803

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.0	25.8	38.6

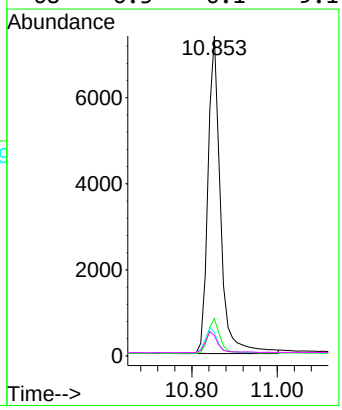


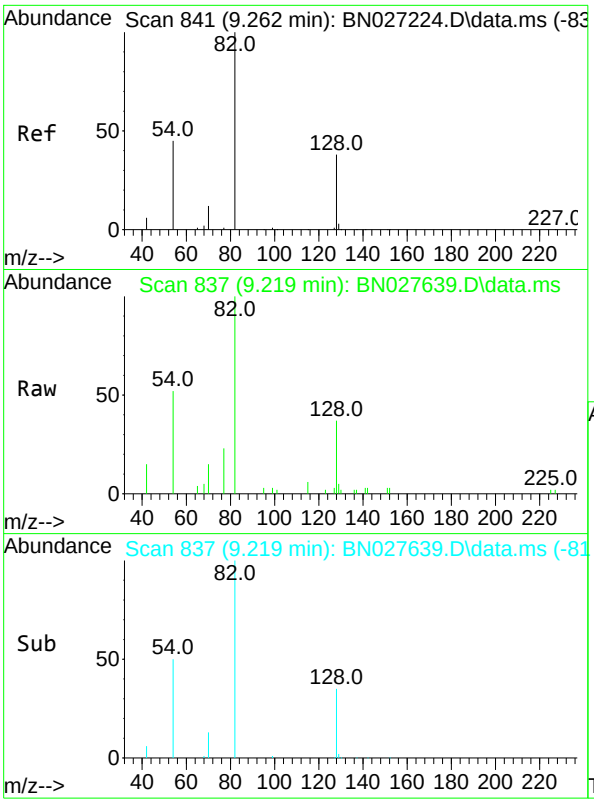


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion:136 Resp: 15047

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	7.4	6.7	10.1
68	6.3	6.1	9.1



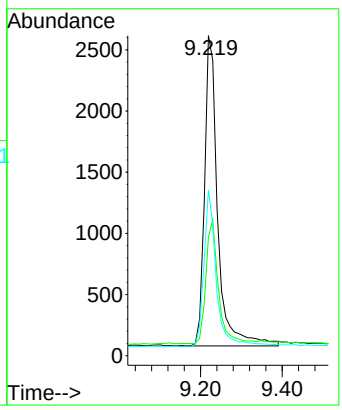


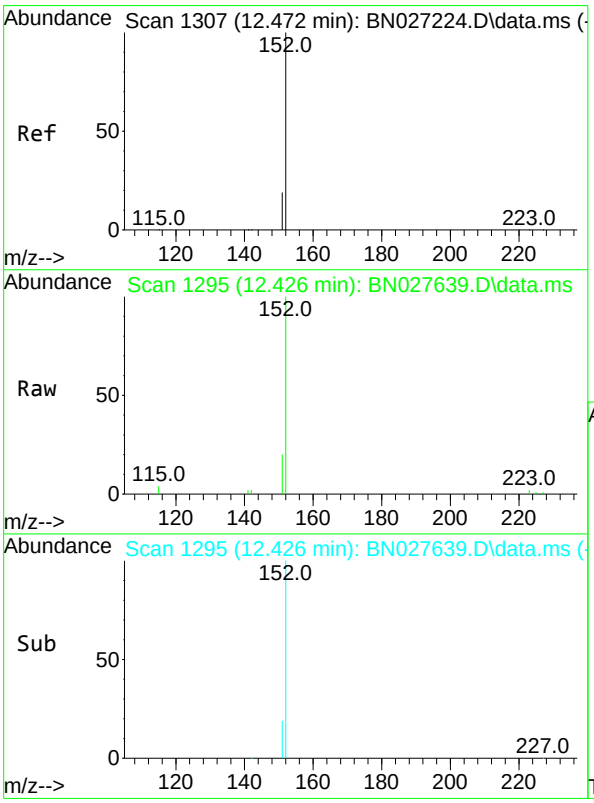
#8
Nitrobenzene-d5
Concen: 0.521 ng
RT: 9.219 min Scan# 8
Delta R.T. -0.011 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Instrument :
BNA_N
ClientSampleId :
PB155302BL

Tgt Ion: 82 Resp: 5711

Ion	Ratio	Lower	Upper
82	100		
128	37.1	33.4	50.0
54	51.8	37.7	56.5

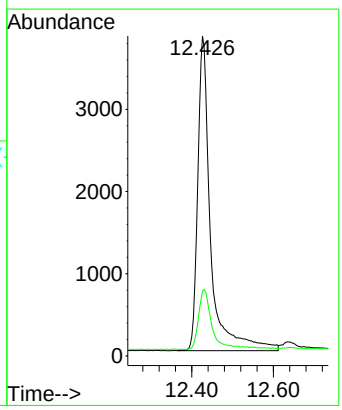


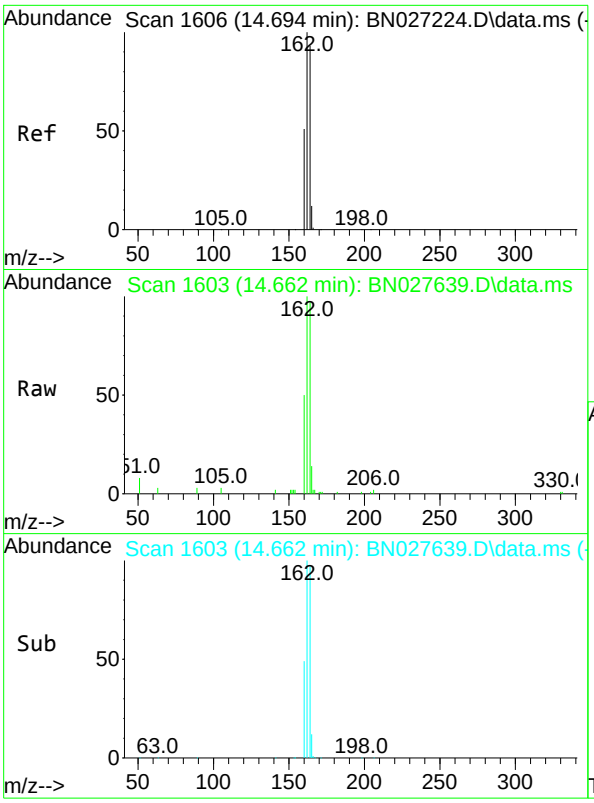


#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.426 min Scan# 1295
Delta R.T. -0.004 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion:152 Resp: 8361

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.6	25.0



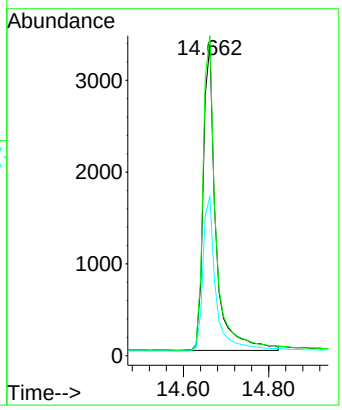


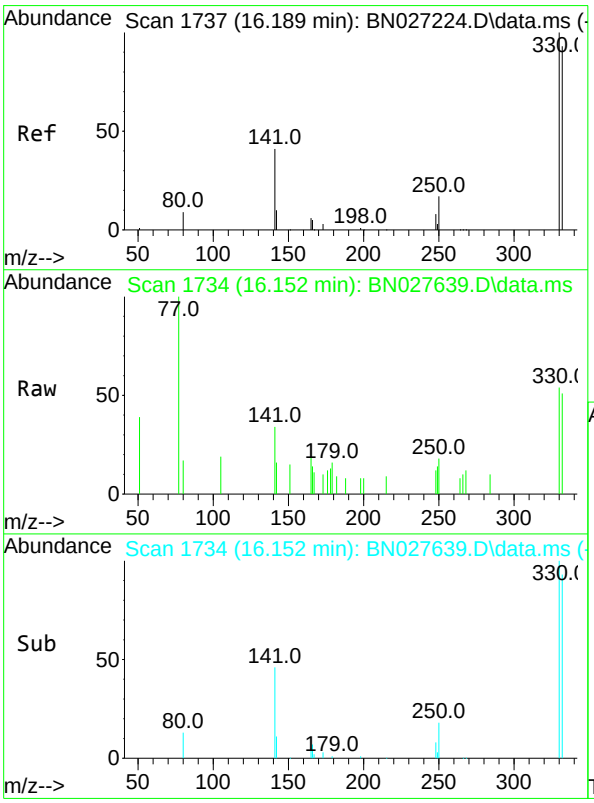
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Instrument :
BNA_N
ClientSampleId :
PB155302BL

Tgt Ion:164 Resp: 6897

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.8	128.8
160	51.1	44.2	66.2

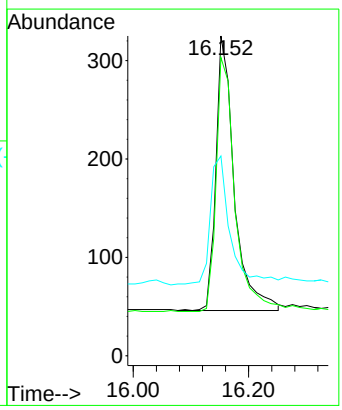


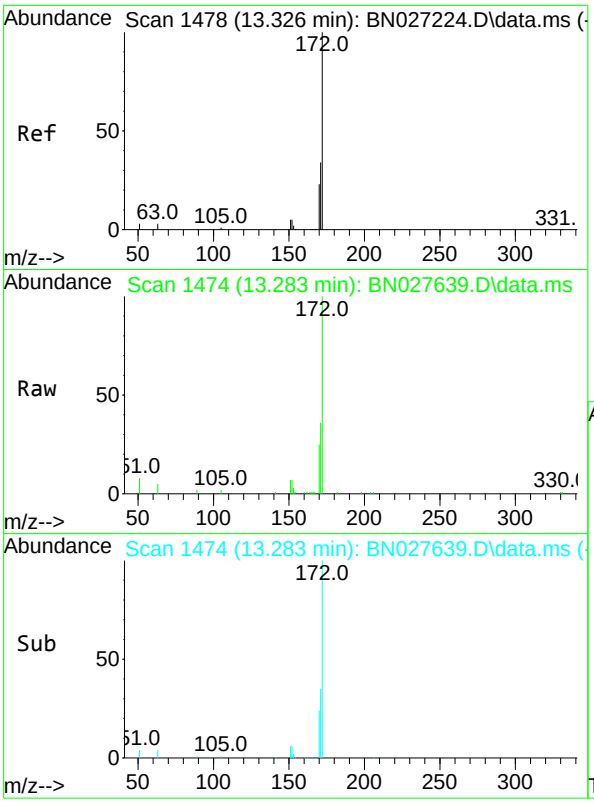


#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 16.152 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion:330 Resp: 618

Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.2	112.8
141	48.9	36.2	54.4



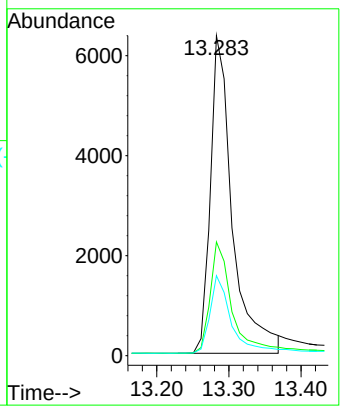


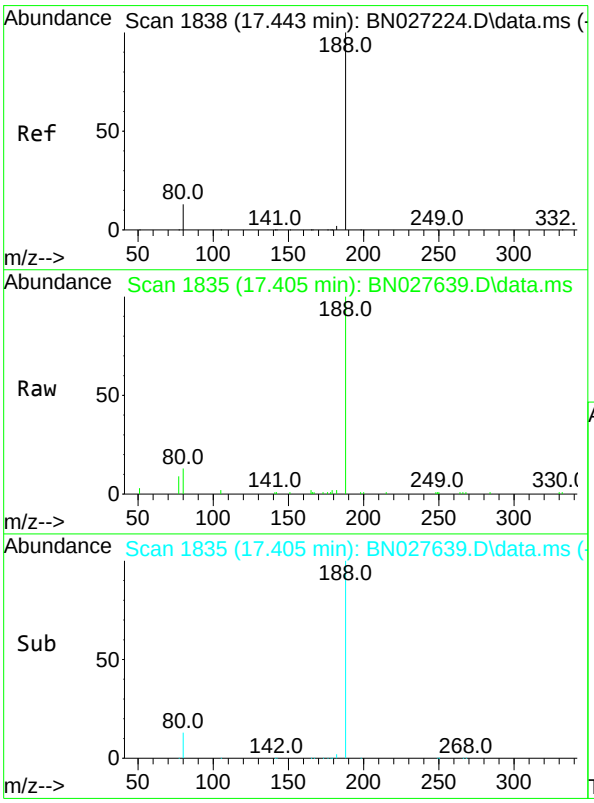
#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 13.283 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Instrument :
BNA_N
ClientSampleId :
PB155302BL

Tgt Ion:172 Resp: 13504

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.8
170	25.0	19.3	28.9

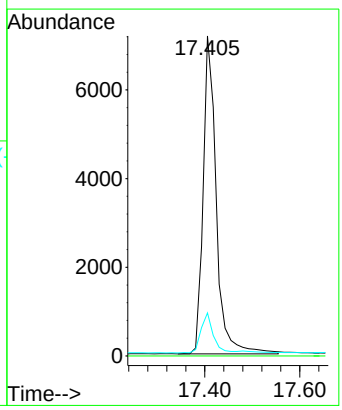


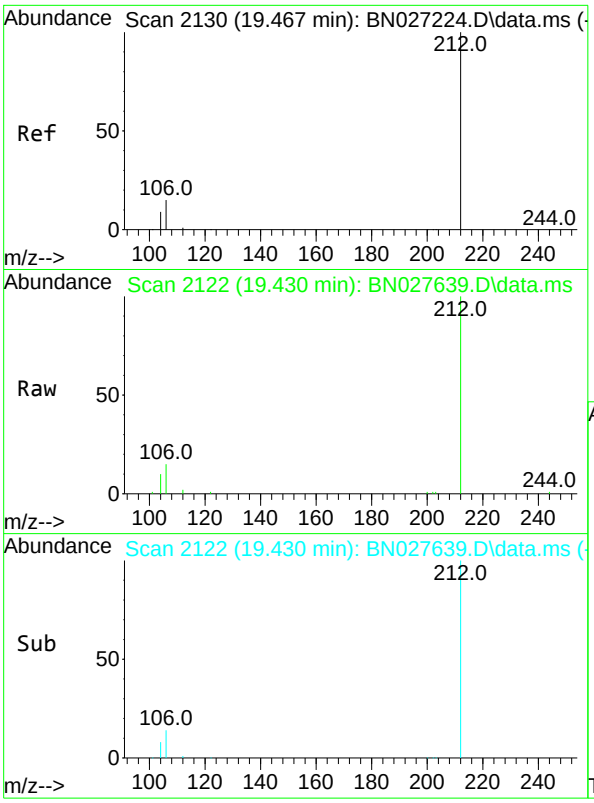


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion:188 Resp: 13829

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	11.0	16.6



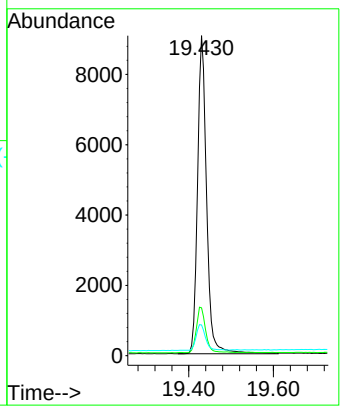


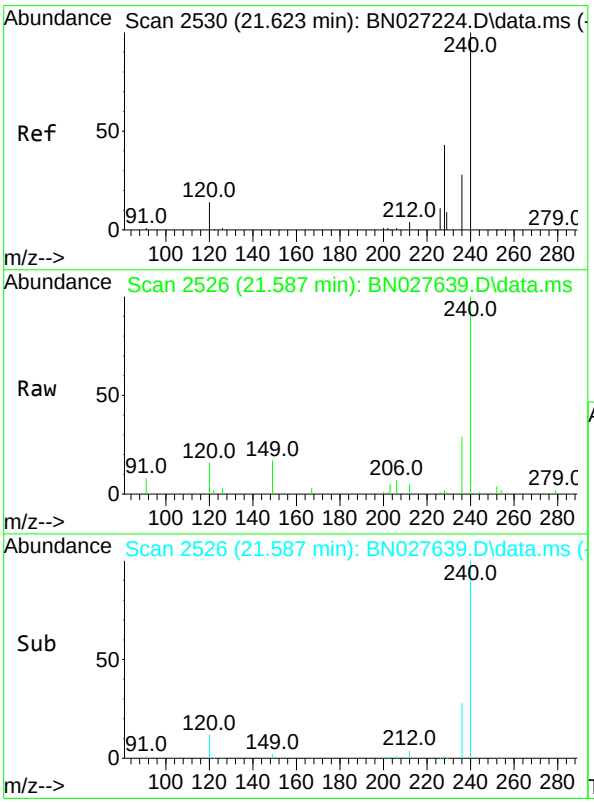
#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.430 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Instrument :
BNA_N
ClientSampleId :
PB155302BL

Tgt Ion:212 Resp: 13436

Ion	Ratio	Lower	Upper
212	100		
106	14.5	12.1	18.1
104	8.5	6.9	10.3

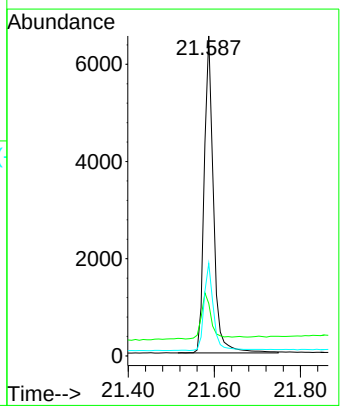


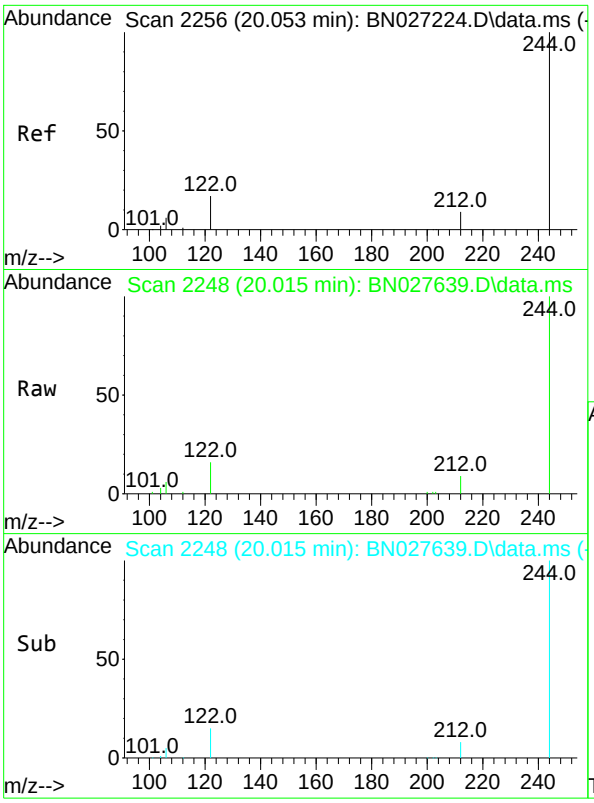


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion:240 Resp: 9833

Ion	Ratio	Lower	Upper
240	100		
120	16.4	14.2	21.4
236	28.9	22.9	34.3



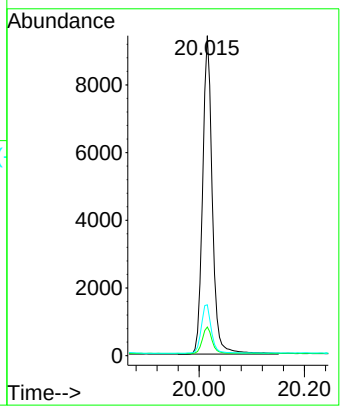


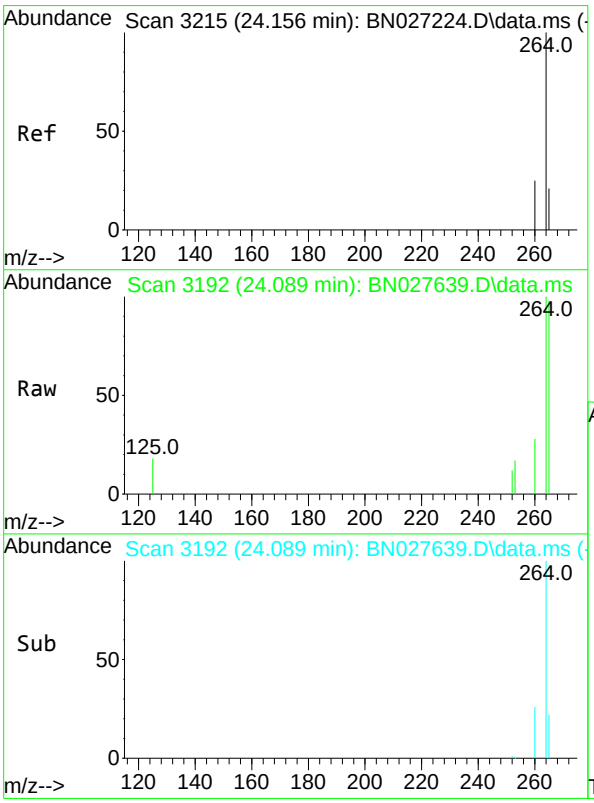
#31
Terphenyl-d14
Concen: 0.607 ng
RT: 20.015 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Instrument :
BNA_N
ClientSampleId :
PB155302BL

Tgt Ion:244 Resp: 11998

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.5	11.3
122	15.9	14.0	21.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.089 min Scan# 3192
Delta R.T. -0.006 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion:264 Resp: 9321

Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.7	31.1
265	97.7	53.3	79.9#