Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
Data File : BN029032.D
Acq On : 03 Dec 2023 22:52
Operator : MA/JU
Sample : 05405-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Quant Time: Dec 04 02:23:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration

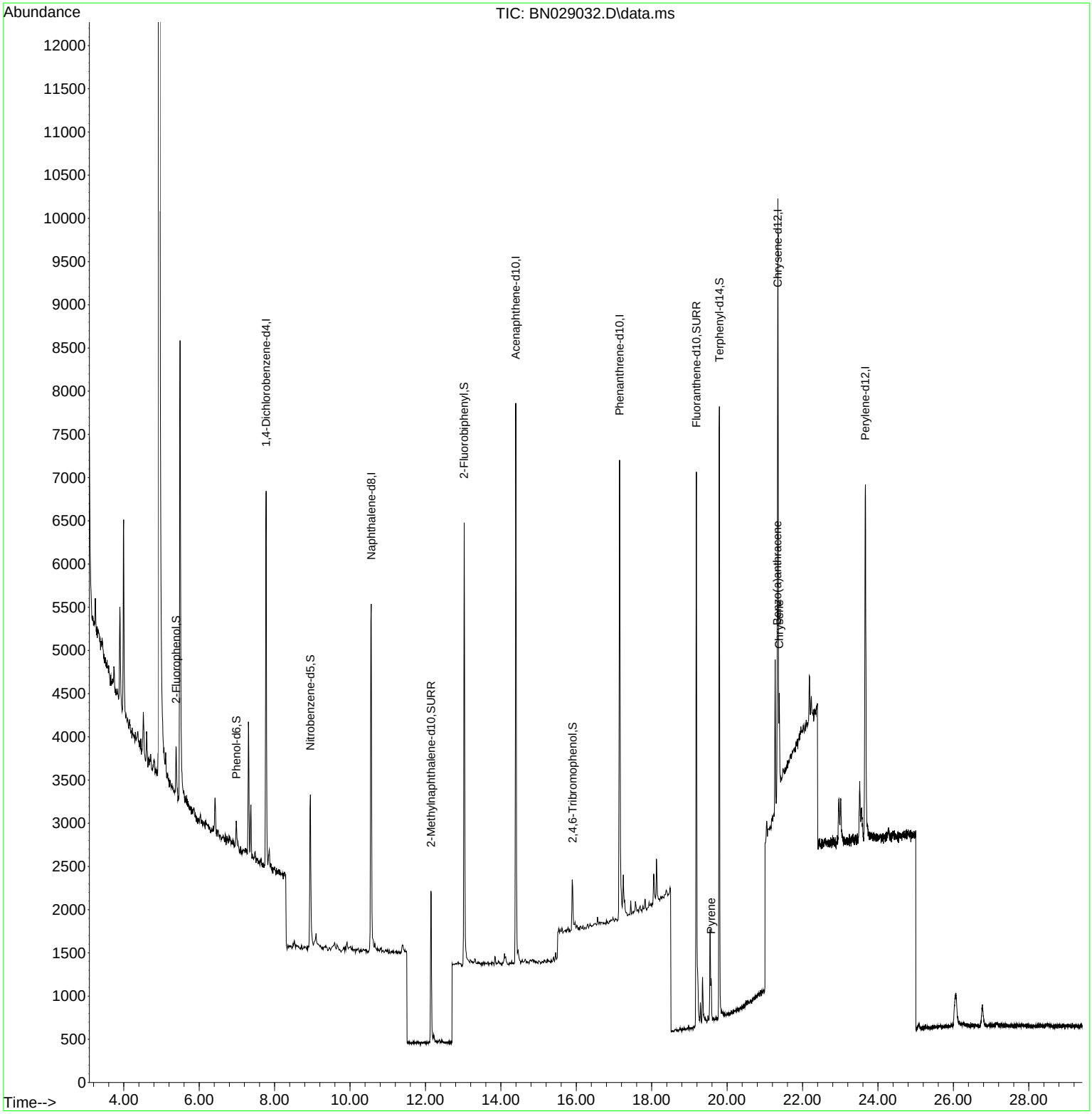
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2085	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5893	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3721	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7968	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	6391	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	5853	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	425	0.067	ng	0.00
5) Phenol-d6	6.988	99	297	0.042	ng	0.00
8) Nitrobenzene-d5	8.950	82	1736	0.296	ng	0.00
11) 2-Methylnaphthalene-d10	12.147	152	2634	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	398	0.158	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	4485	0.279	ng	-0.01
27) Fluoranthene-d10	19.185	212	7787	0.372	ng	0.00
31) Terphenyl-d14	19.794	244	7282	0.400	ng	0.00
Target Compounds						Qvalue
30) Pyrene	19.576	202	436	0.103	ng	99
32) Benzo(a)anthracene	21.329	228	727	0.027	ng	# 91
33) Chrysene	21.383	228	783	0.029	ng	# 93

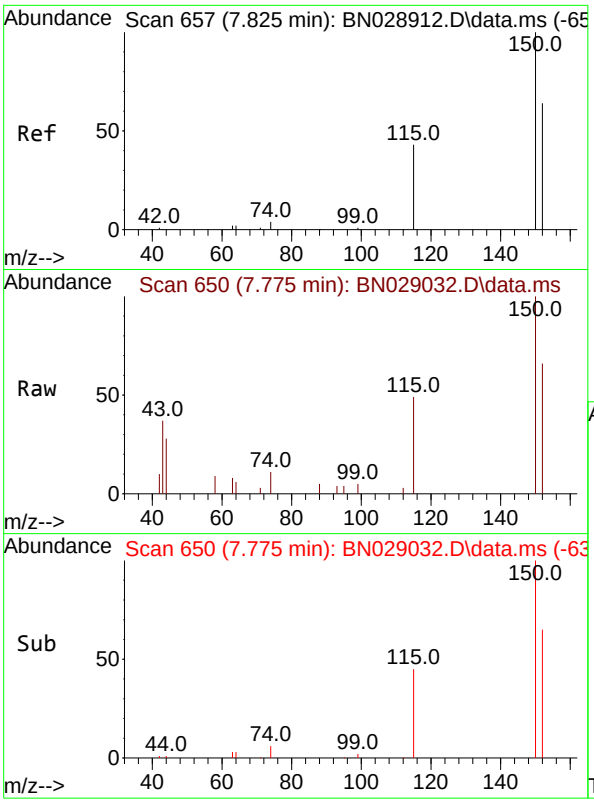
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
Data File : BN029032.D
Acq On : 03 Dec 2023 22:52
Operator : MA/JU
Sample : 05405-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Quant Time: Dec 04 02:23:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration



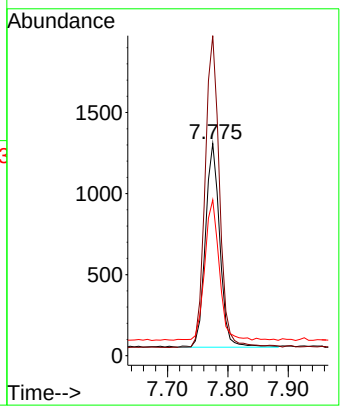


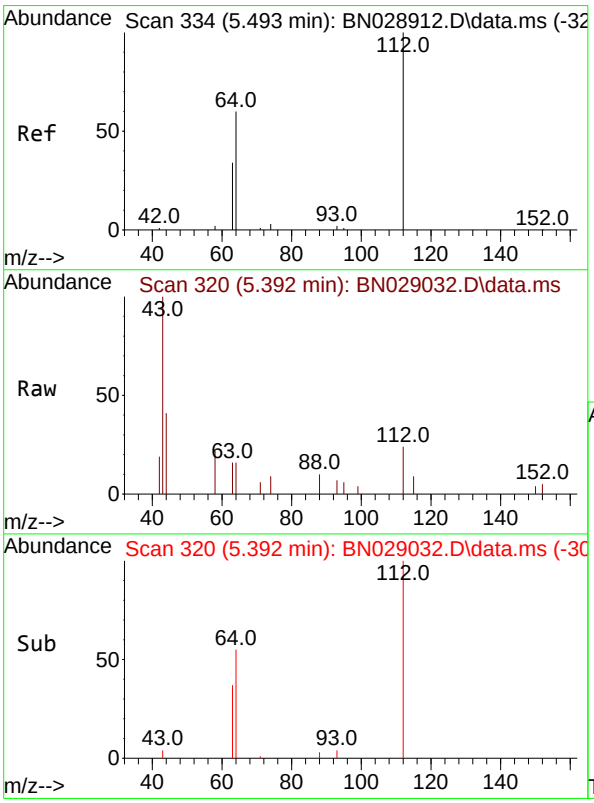
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion:152 Resp: 2085

Ion	Ratio	Lower	Upper
152	100		
150	150.8	123.4	185.2
115	73.4	59.1	88.7

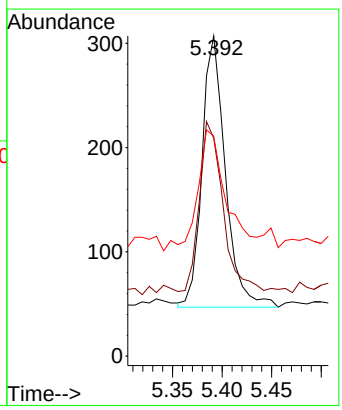


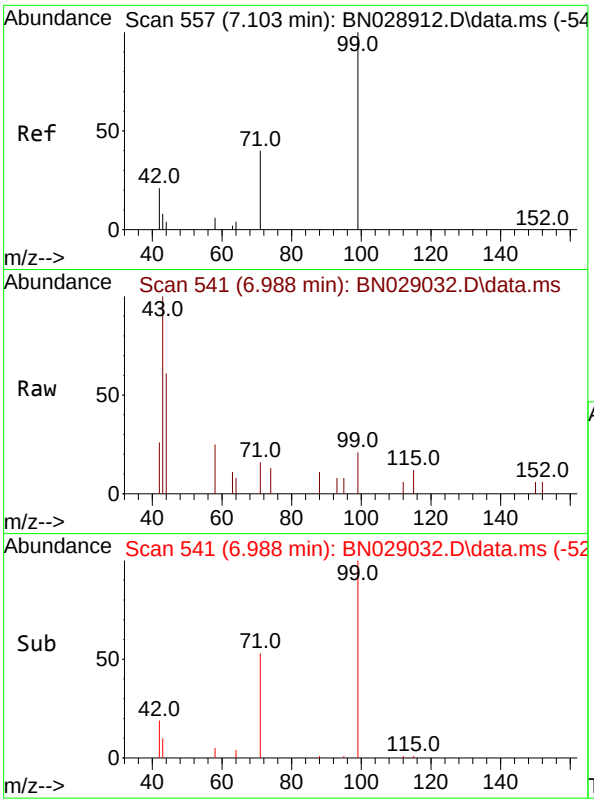


#4
2-Fluorophenol
Concen: 0.067 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:112 Resp: 425

Ion	Ratio	Lower	Upper
112	100		
64	64.7	51.5	77.3
63	54.4	30.4	45.6#



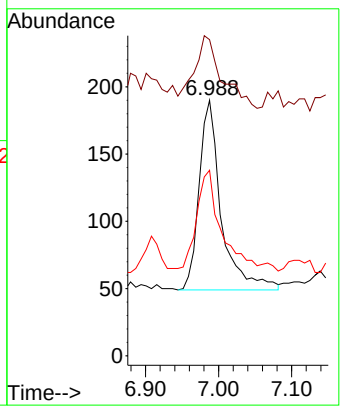


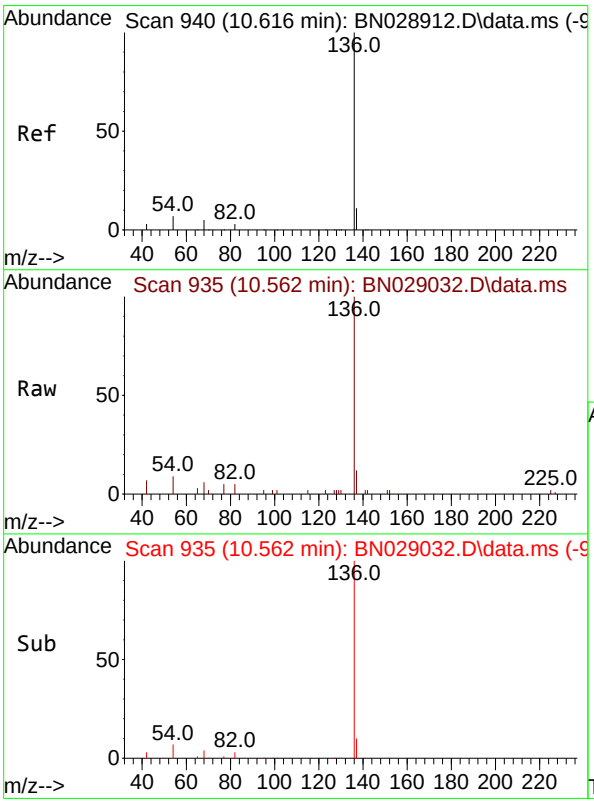
#5
Phenol-d6
Concen: 0.042 ng
RT: 6.988 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion: 99 Resp: 297

Ion	Ratio	Lower	Upper
99	100		
42	48.5	21.2	31.8#
71	60.6	35.4	53.0#

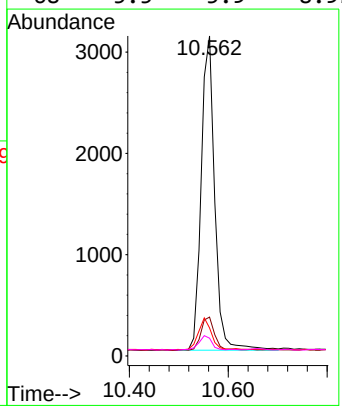


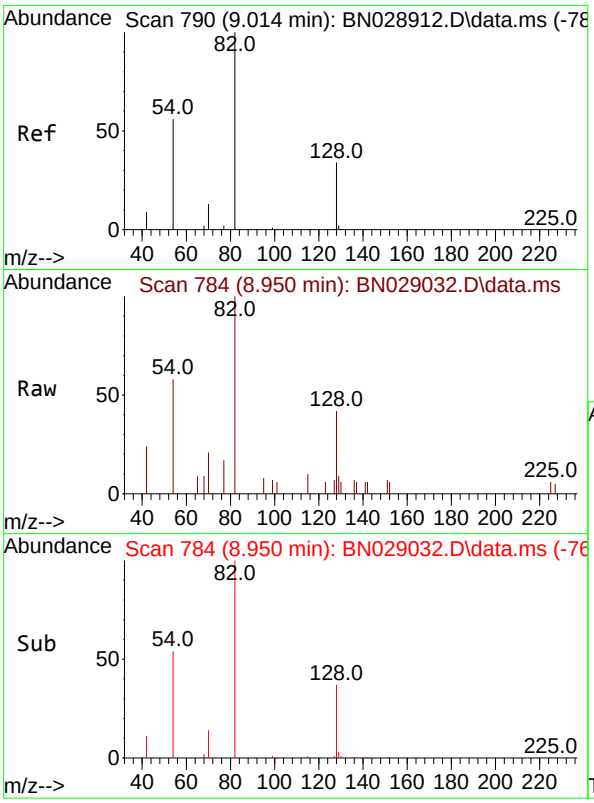


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:136 Resp: 5893

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.6	16.0
54	8.8	7.5	11.3
68	5.5	5.9	8.9#



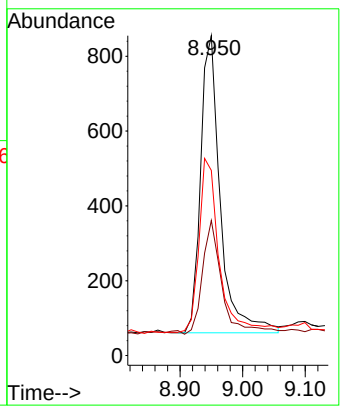


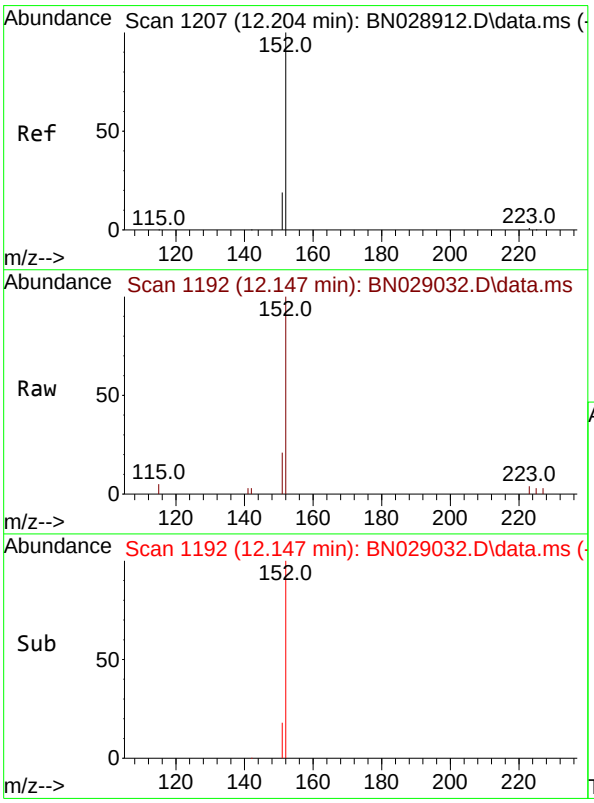
#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.950 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion: 82 Resp: 1736

Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.2	43.8
54	57.9	47.0	70.6

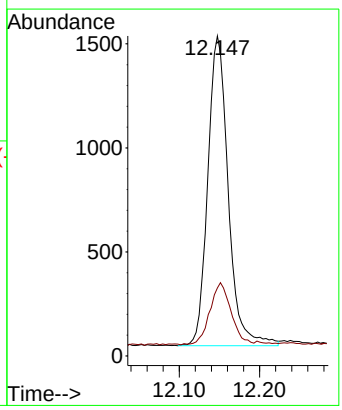


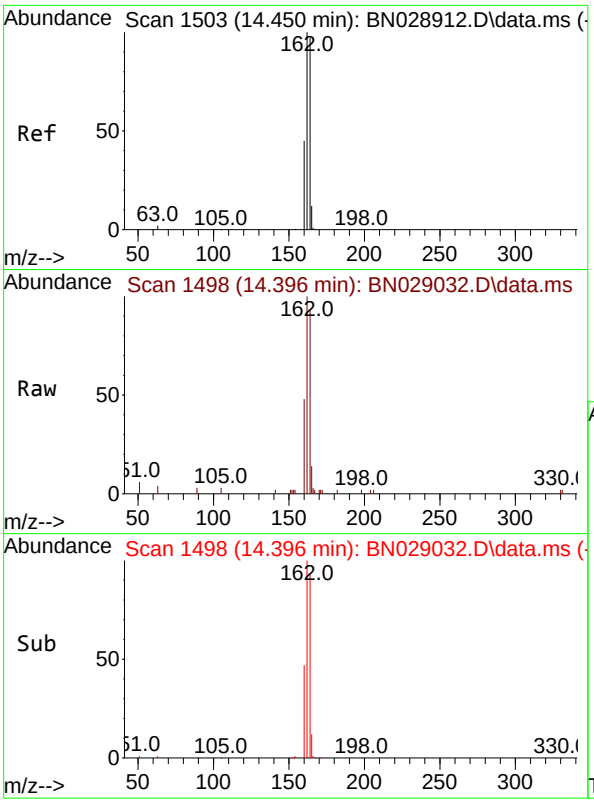


#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.147 min Scan# 1192
Delta R.T. -0.004 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:152 Resp: 2634

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1



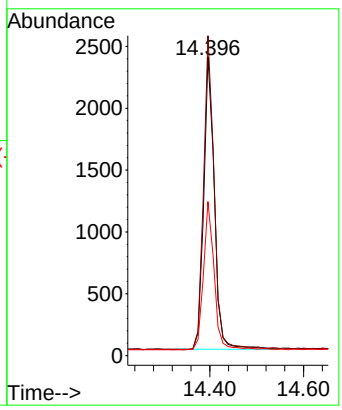


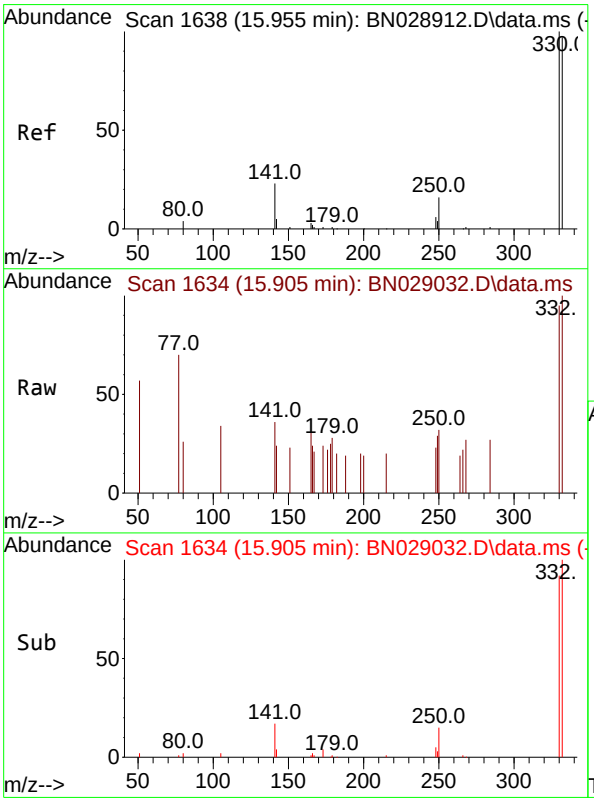
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion:164 Resp: 3721

Ion	Ratio	Lower	Upper
164	100		
162	107.0	81.7	122.5
160	51.5	37.0	55.6

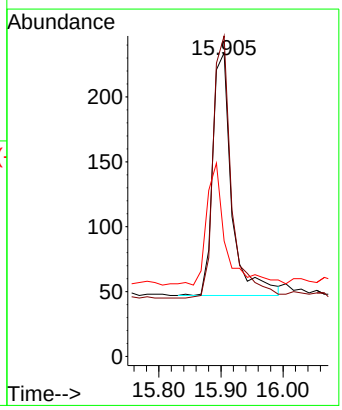


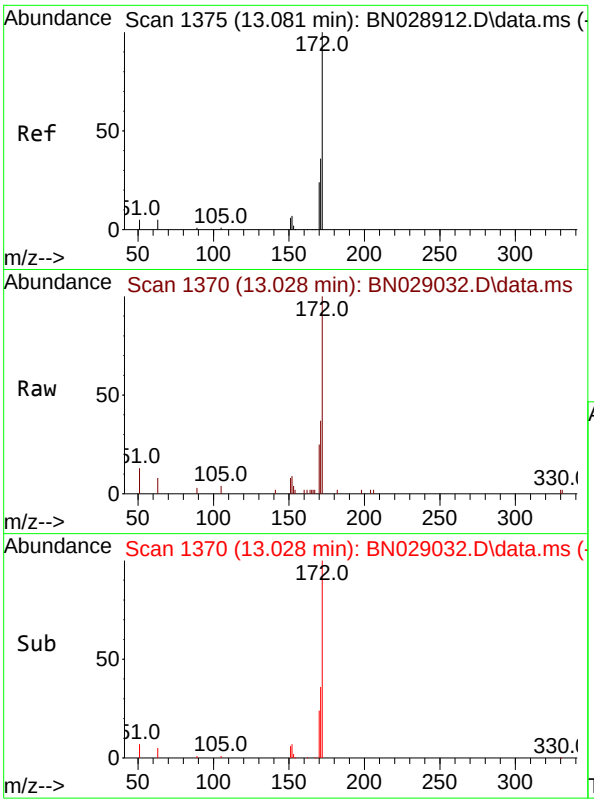


#14
2,4,6-Tribromophenol
Concen: 0.158 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:330 Resp: 398

Ion	Ratio	Lower	Upper
330	100		
332	104.8	75.4	113.2
141	47.2	35.7	53.5



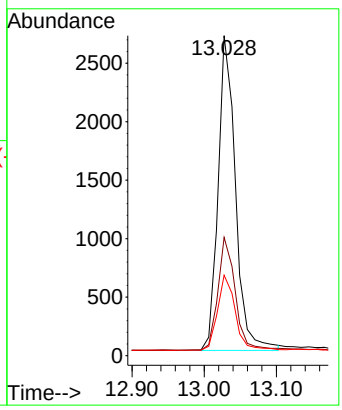


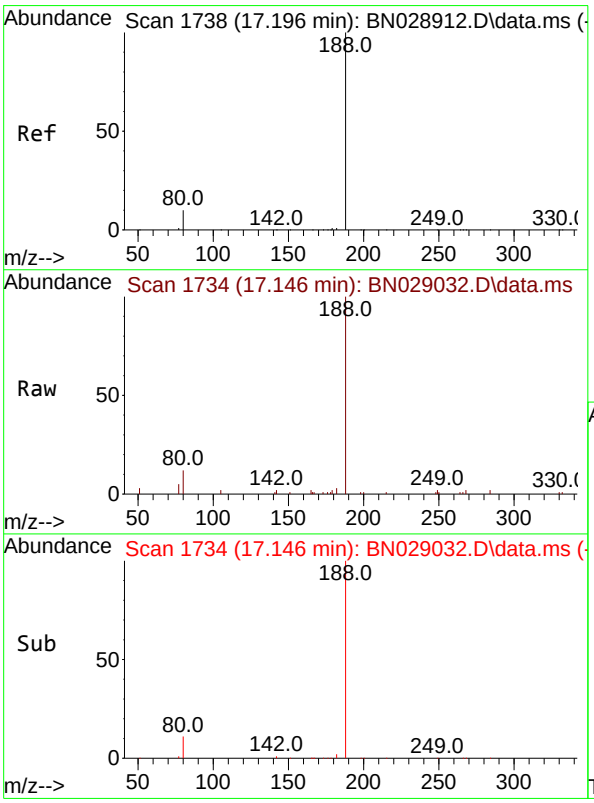
#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 13.028 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion:172 Resp: 4485

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	25.2	19.7	29.5

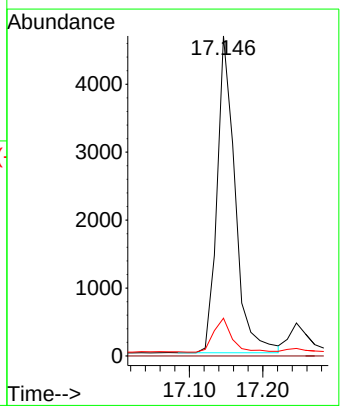


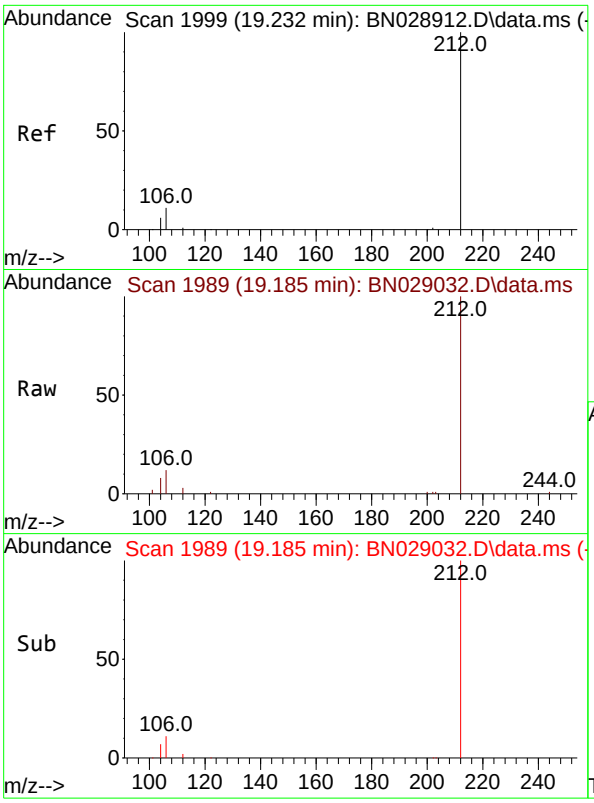


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. -0.013 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:188 Resp: 7968

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	9.0	13.6



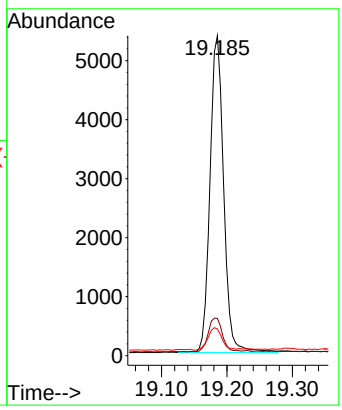


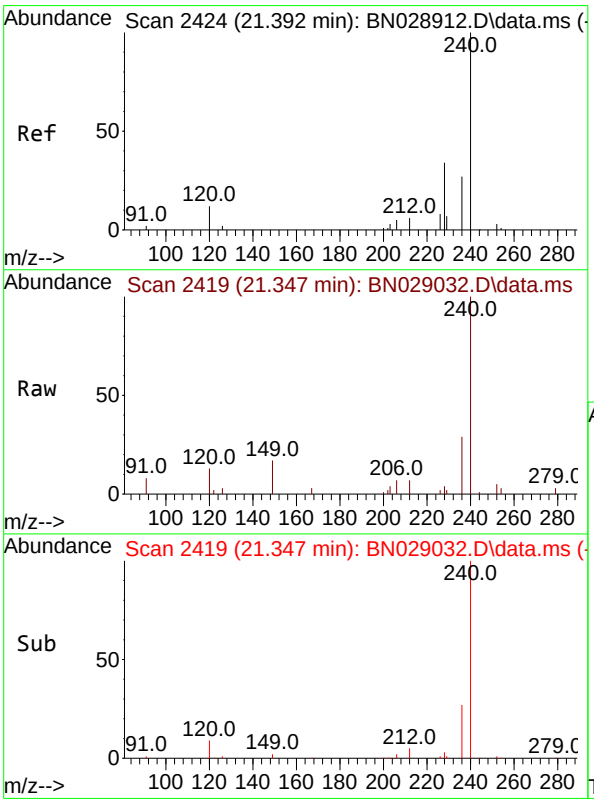
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.185 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion:212 Resp: 7787

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.4	14.2
104	7.2	6.2	9.2

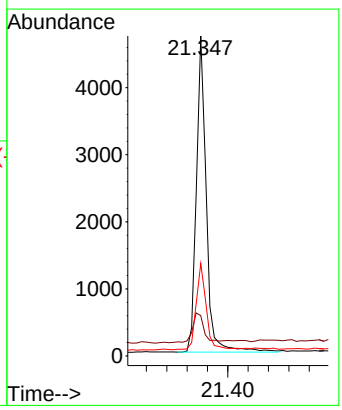


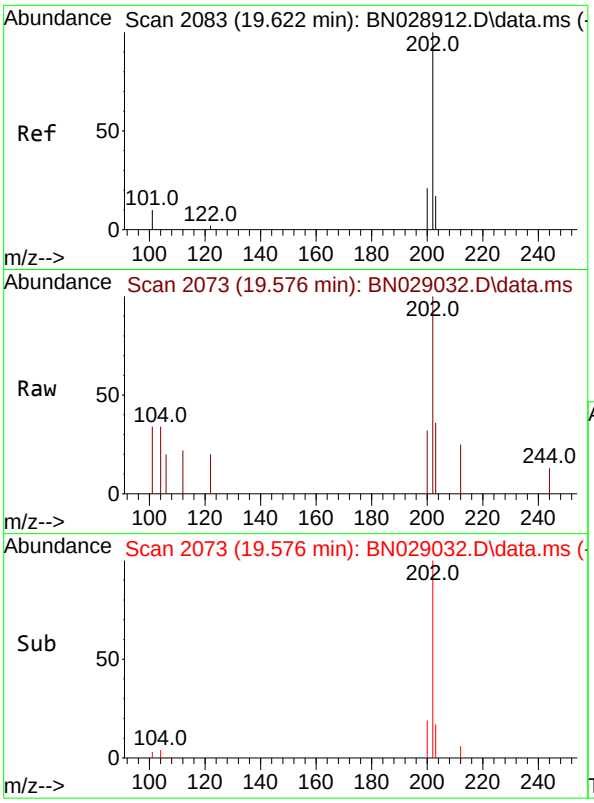


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:240 Resp: 6391

Ion	Ratio	Lower	Upper
240	100		
120	12.6	37.1	55.7#
236	28.9	32.4	48.6#



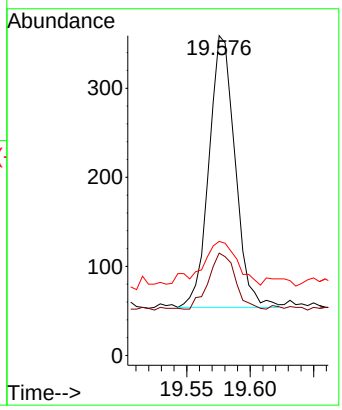


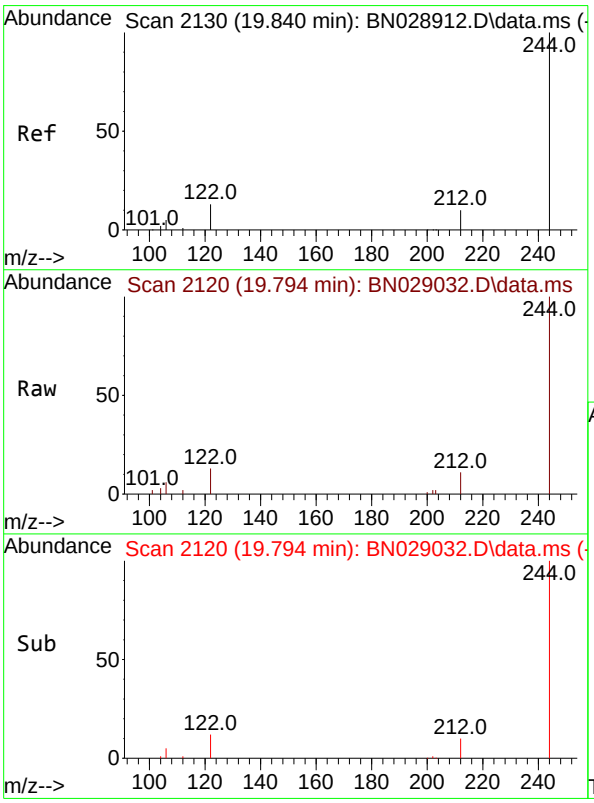
#30
Pyrene
Concen: 0.103 ng
RT: 19.576 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion:202 Resp: 436

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	19.3	14.8	22.2

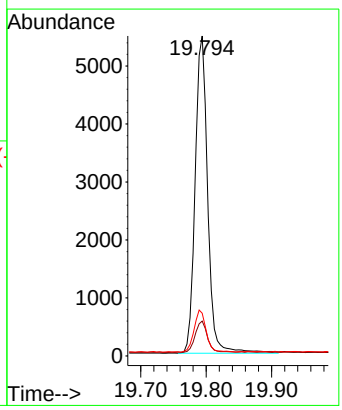


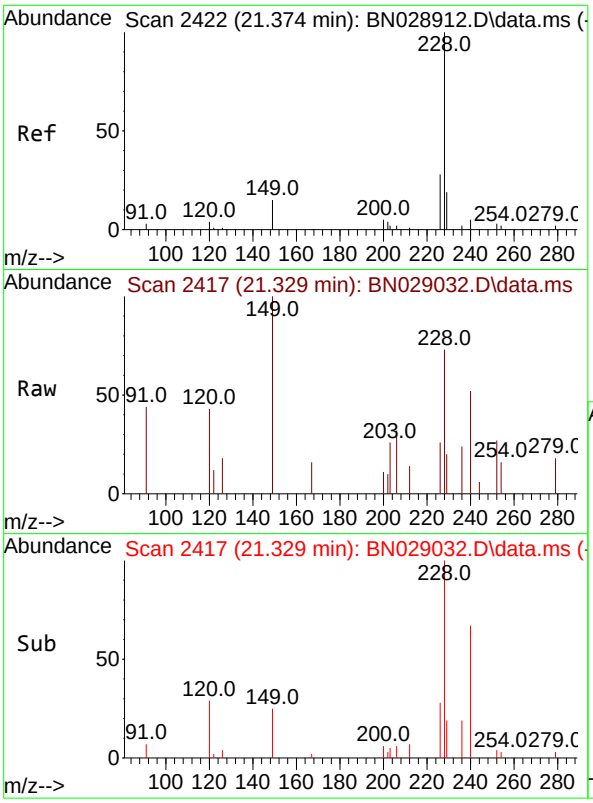


#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:244 Resp: 7282

Ion	Ratio	Lower	Upper
244	100		
212	10.9	11.5	17.3#
122	13.4	13.2	19.8



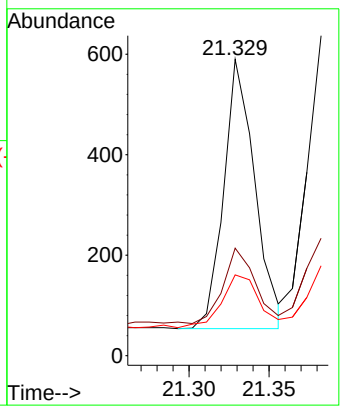


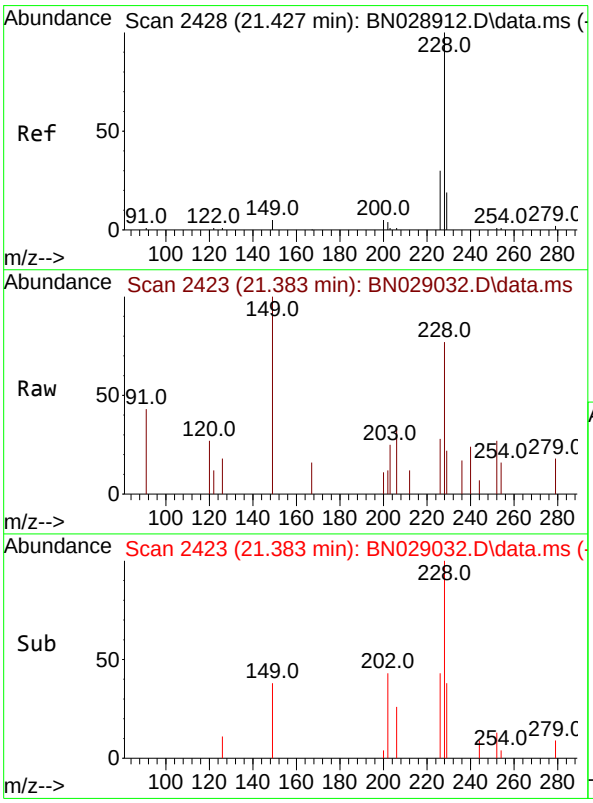
#32
Benzo(a)anthracene
Concen: 0.027 ng
RT: 21.329 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion:228 Resp: 727

Ion	Ratio	Lower	Upper
228	100		
226	36.3	26.5	39.7
229	27.3	16.4	24.6#

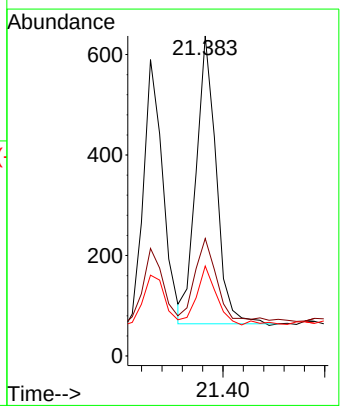


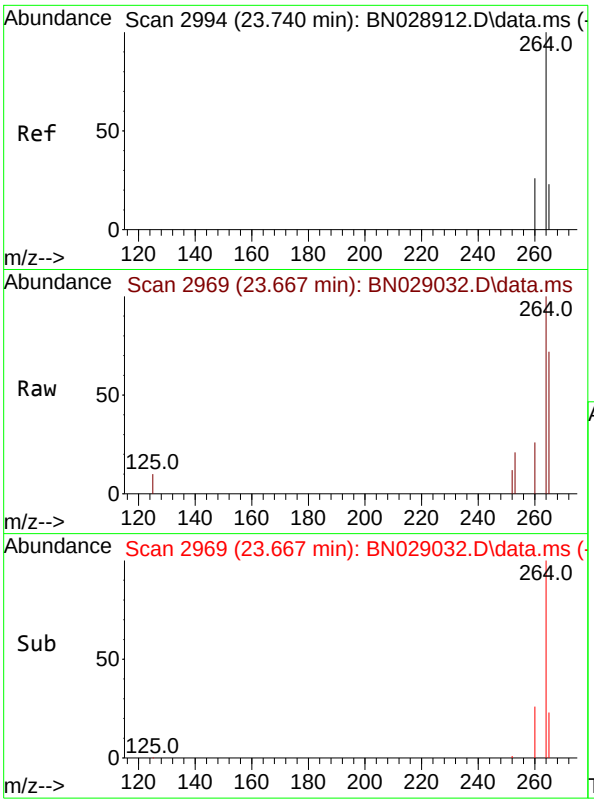


#33
Chrysene
Concen: 0.029 ng
RT: 21.383 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:228 Resp: 783

Ion	Ratio	Lower	Upper
228	100		
226	36.7	28.3	42.5
229	28.1	16.4	24.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.667 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion:264 Resp: 5853

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.6	30.8
265	72.5	464.5	696.7#