Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
Data File : BN034500.D
Acq On : 09 Oct 2024 12:36
Operator : RC/JU
Sample : PB163804BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Quant Time: Oct 09 13:10:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4625	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	12752	0.400	ng	#-0.02
13) Acenaphthene-d10	14.019	164	7010	0.400	ng	-0.03
19) Phenanthrene-d10	16.783	188	12724	0.400	ng	-0.02
29) Chrysene-d12	21.008	240	7152	0.400	ng	0.00
35) Perylene-d12	23.116	264	11105	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	4866	0.371	ng	-0.01
5) Phenol-d6	6.578	99	5314	0.348	ng	-0.02
8) Nitrobenzene-d5	8.514	82	3721	0.381	ng	-0.02
11) 2-Methylnaphthalene-d10	11.727	152	7259	0.385	ng	-0.03
14) 2,4,6-Tribromophenol	15.530	330	1128	0.355	ng	-0.02
15) 2-Fluorobiphenyl	12.629	172	9230	0.324	ng	-0.03
27) Fluoranthene-d10	18.825	212	12900	0.402	ng	-0.02
31) Terphenyl-d14	19.447	244	8664	0.607	ng	-0.02
Target Compounds						Qvalue
24) Pentachlorophenol	16.448	266	170	0.064	ng	# 80
32) Benzo(a)anthracene	21.044	228	542	0.024	ng	# 14
33) Chrysene	21.044	228	684	0.025	ng	# 20

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

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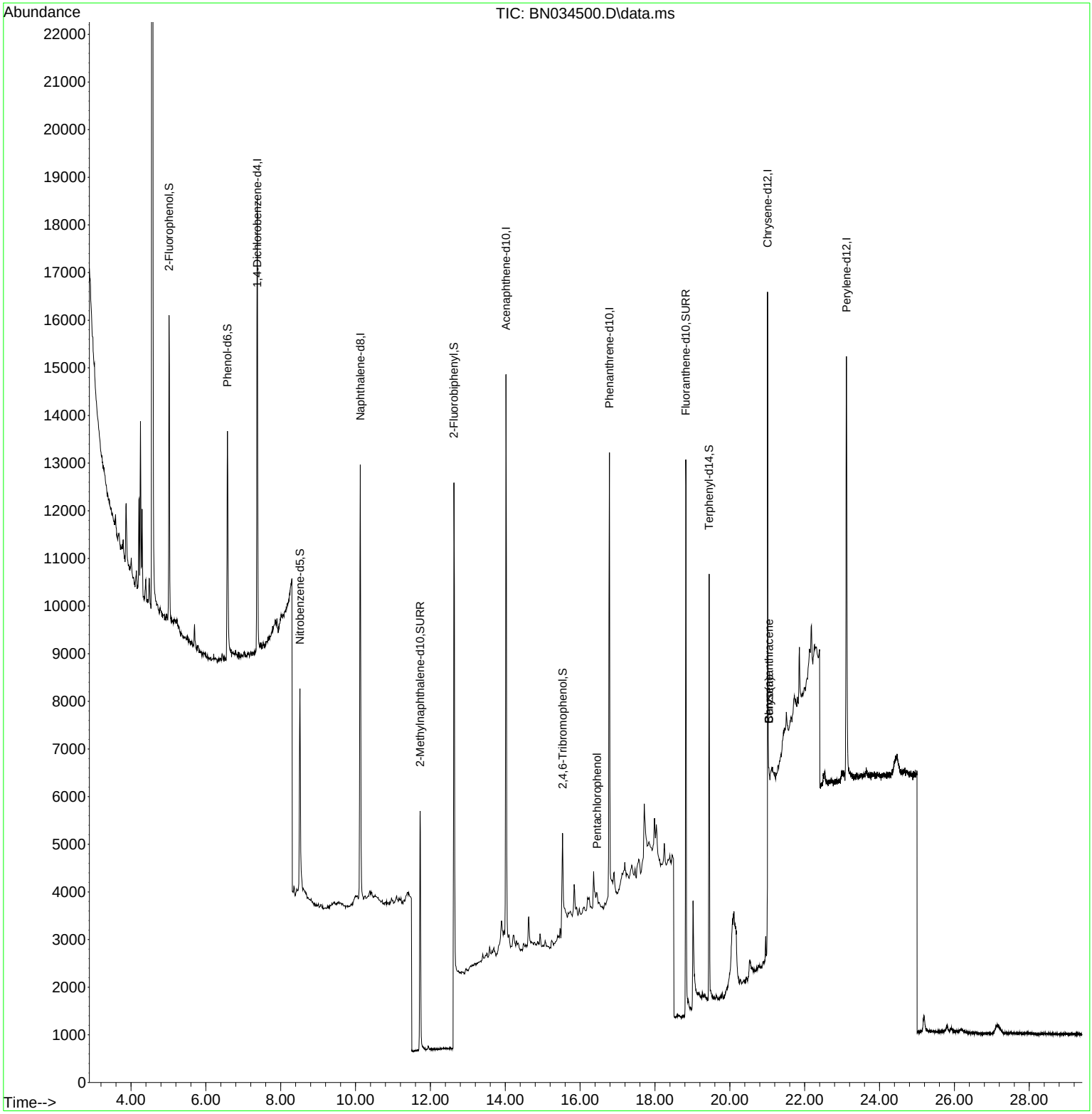
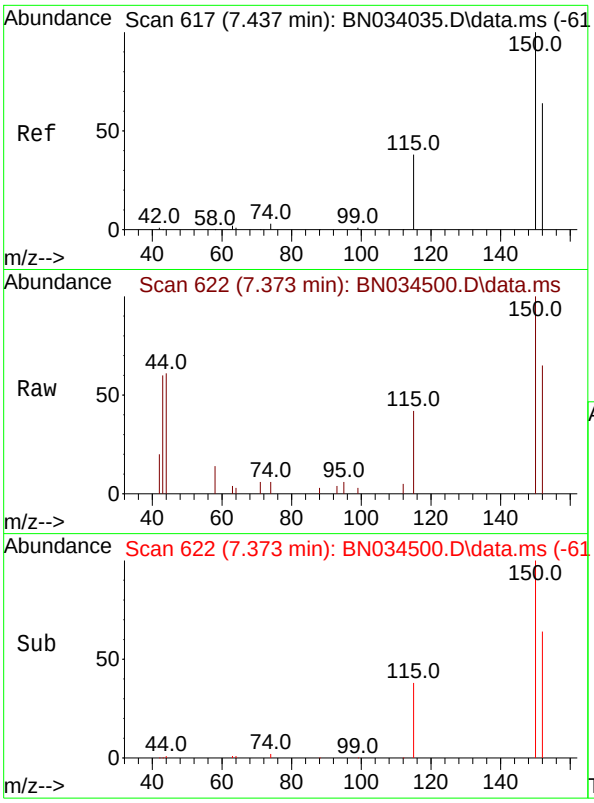


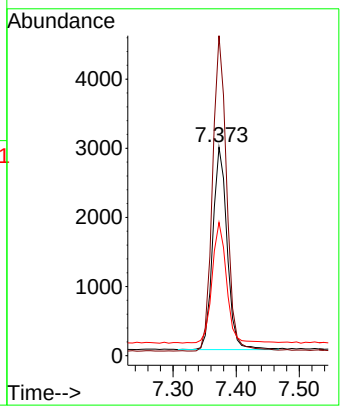


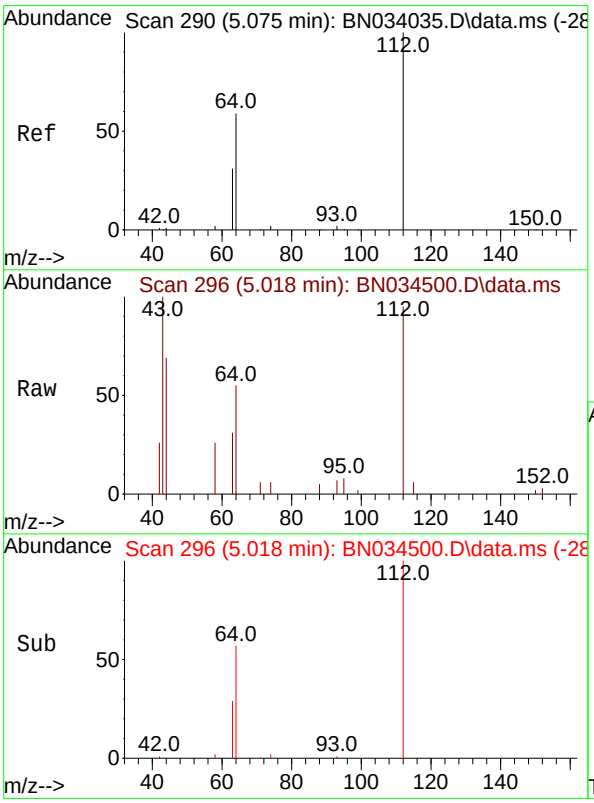
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Tgt Ion:152 Resp: 4625

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	187.0
115	63.9	50.0	75.0

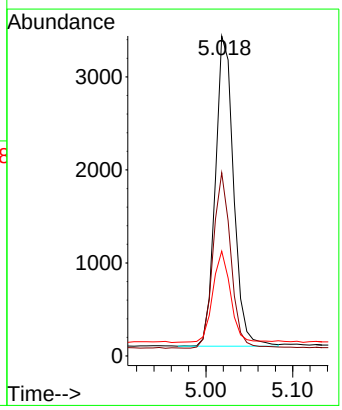


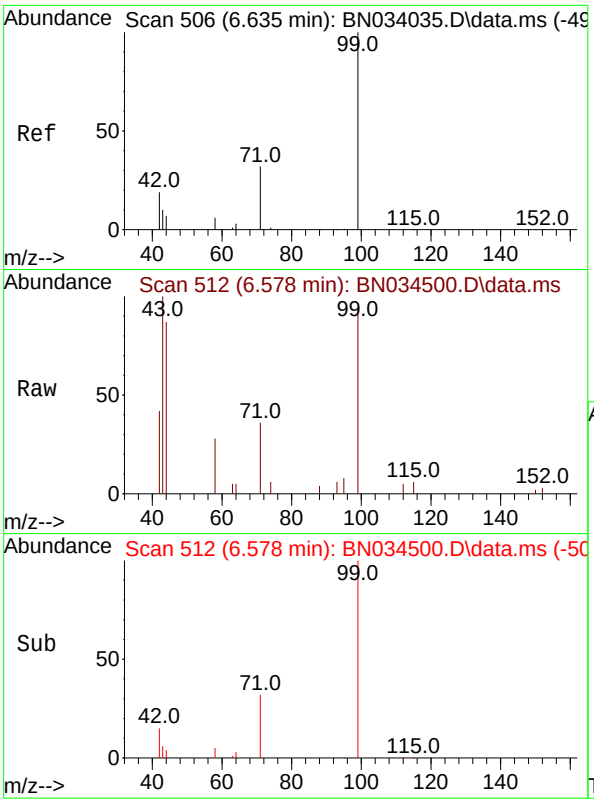


#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.018 min Scan# 296
Delta R.T. -0.014 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Tgt Ion:112 Resp: 4866

Ion	Ratio	Lower	Upper
112	100		
64	54.8	48.6	72.8
63	28.4	25.6	38.4



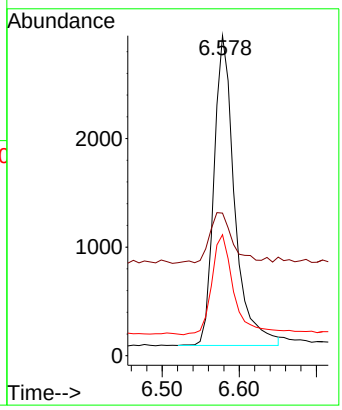


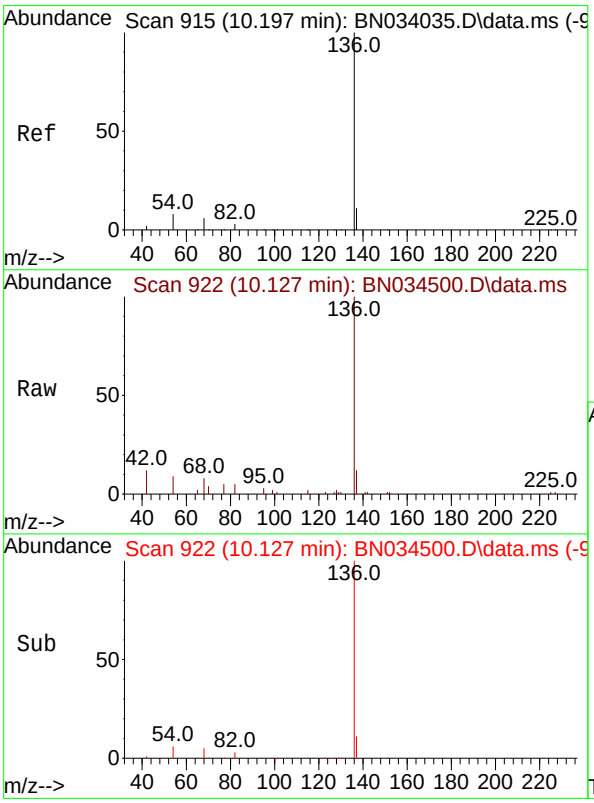
#5
Phenol-d6
Concen: 0.348 ng
RT: 6.578 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Tgt Ion: 99 Resp: 5314

Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.8	26.8
71	34.2	26.2	39.2

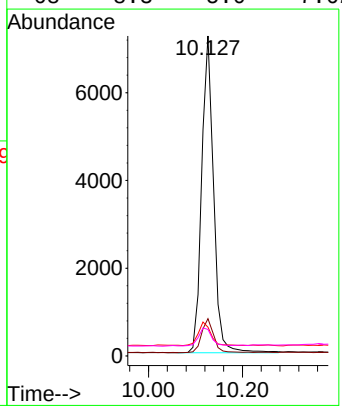


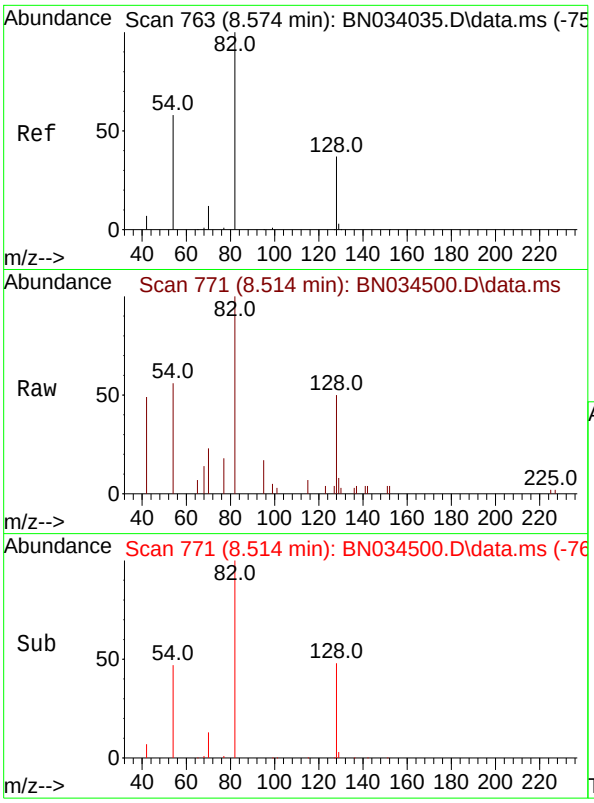


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Tgt Ion:136 Resp: 12752

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	9.0	6.8	10.2
68	8.3	5.0	7.6#



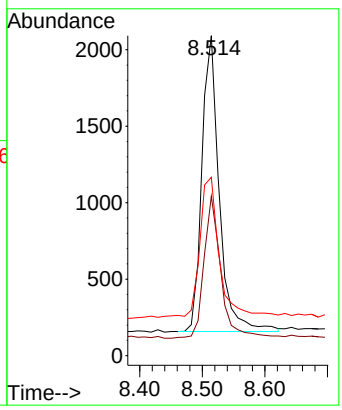


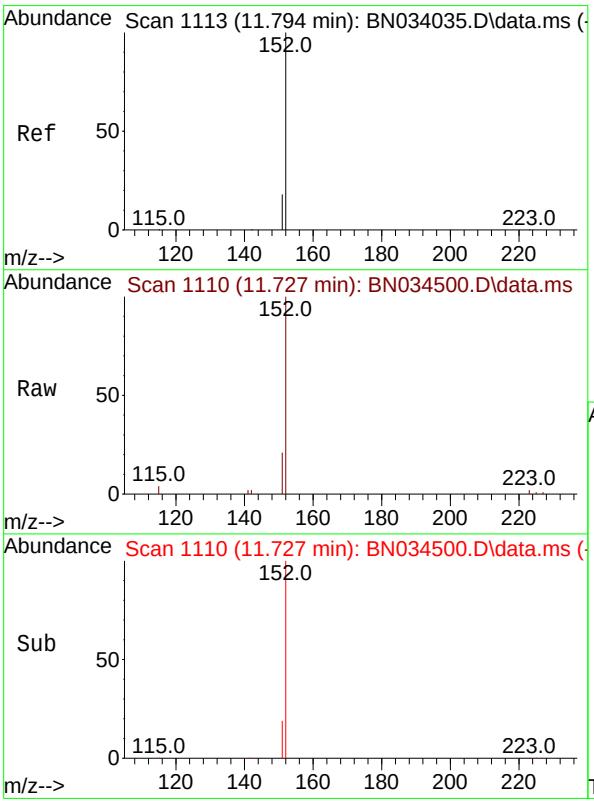
#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.514 min Scan# 7
Delta R.T. -0.021 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Tgt Ion: 82 Resp: 3721

Ion	Ratio	Lower	Upper
82	100		
128	49.9	31.4	47.2#
54	55.7	47.4	71.0

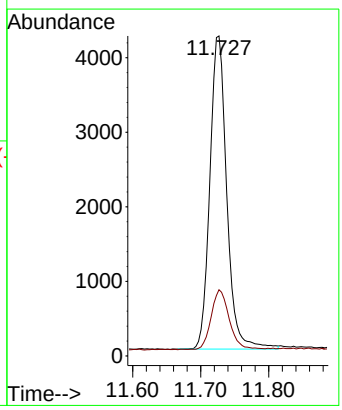


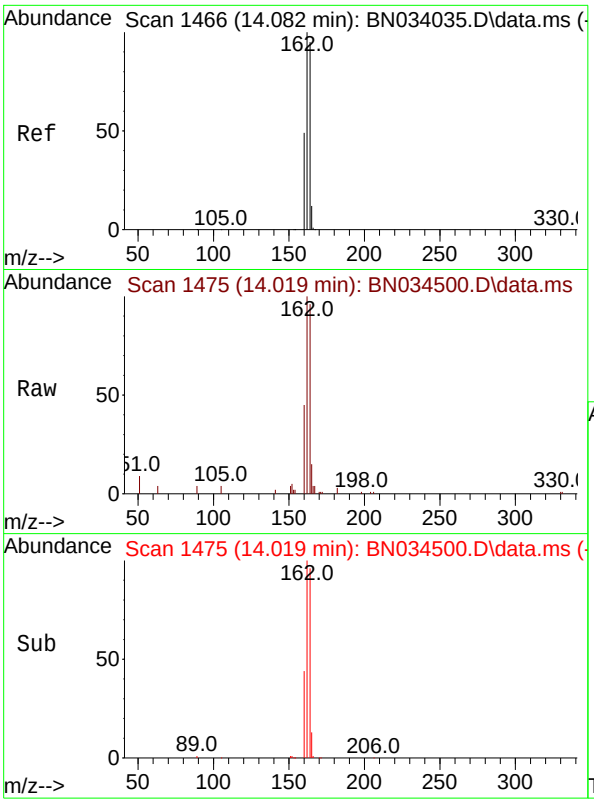


#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.727 min Scan# 1110
Delta R.T. -0.026 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Tgt Ion:152 Resp: 7259

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2



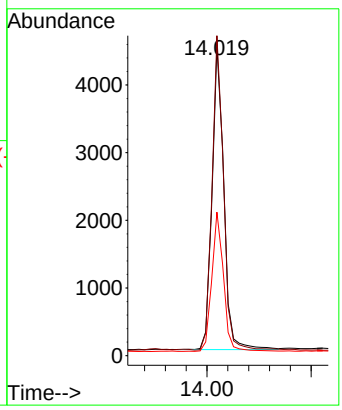


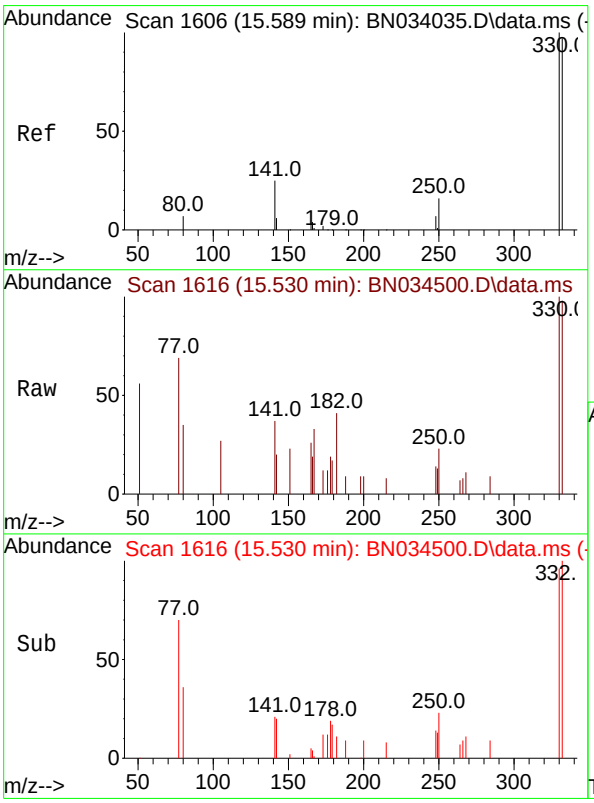
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 14
Delta R.T. -0.028 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Tgt Ion:164 Resp: 7010

Ion	Ratio	Lower	Upper
164	100		
162	103.7	84.2	126.2
160	46.5	41.7	62.5

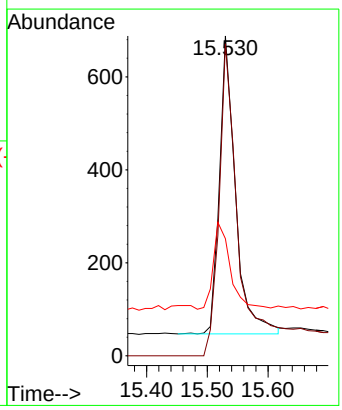


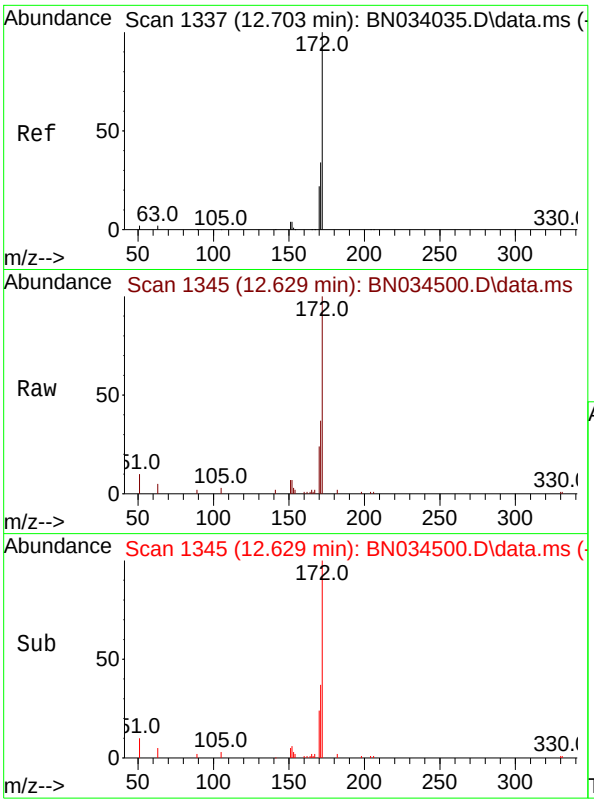


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.530 min Scan# 1616
Delta R.T. -0.019 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Tgt Ion:330 Resp: 1128

Ion	Ratio	Lower	Upper
330	100		
332	128.5	77.4	116.0#
141	31.7	35.9	53.9#



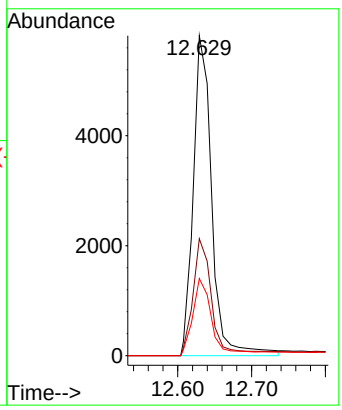


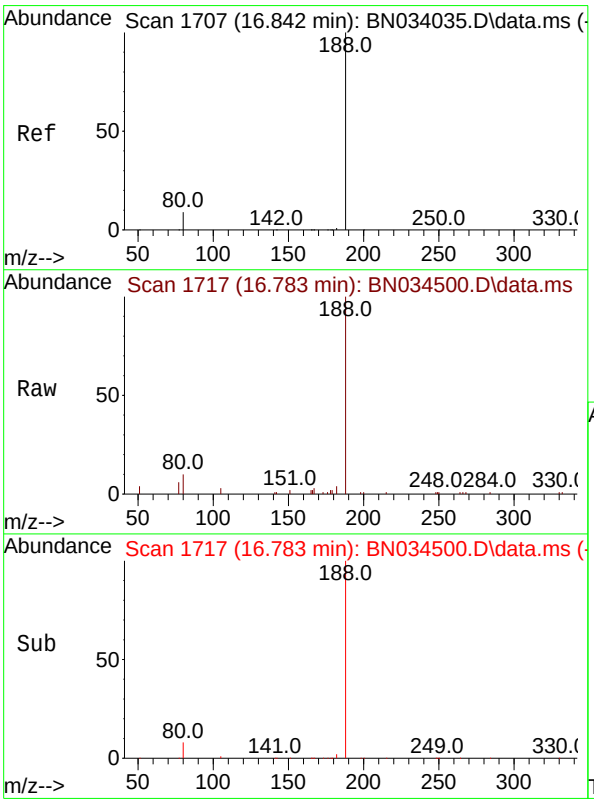
#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.629 min Scan# 1
Delta R.T. -0.028 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Tgt Ion:172 Resp: 9230

Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.3	40.9
170	24.1	18.1	27.1

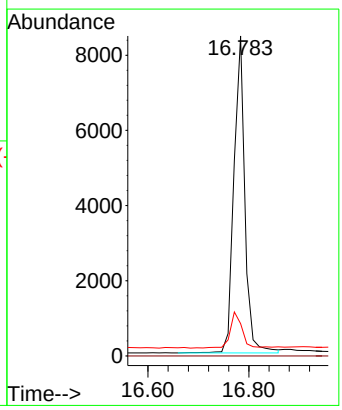


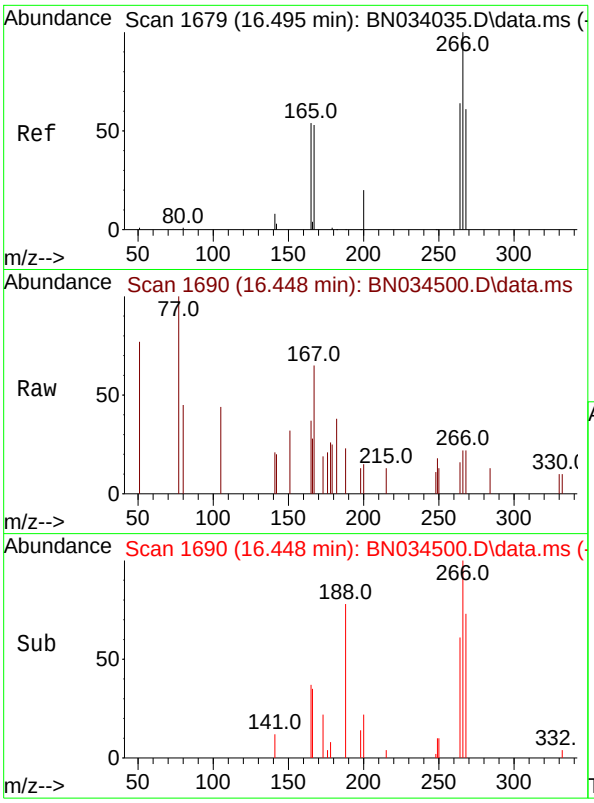


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 1717
Delta R.T. -0.019 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Tgt Ion:188 Resp: 12724

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.4	11.0



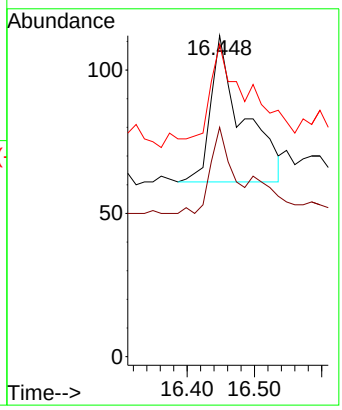


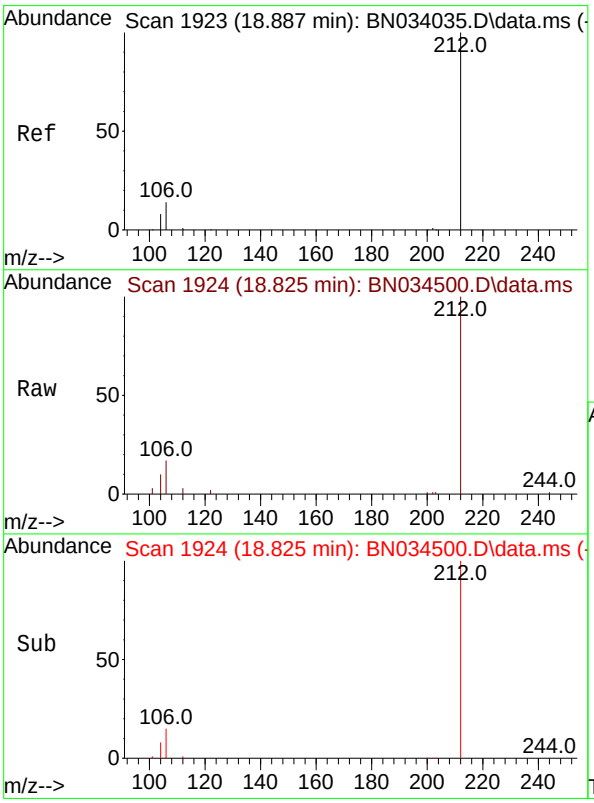
#24
Pentachlorophenol
Concen: 0.064 ng
RT: 16.448 min Scan# 1(
Delta R.T. -0.019 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Tgt Ion:266 Resp: 170

Ion	Ratio	Lower	Upper
266	100		
264	40.0	50.2	75.2#
268	72.4	51.0	76.4

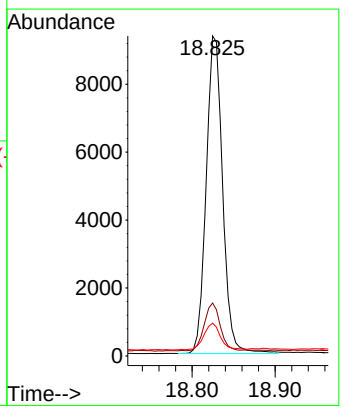


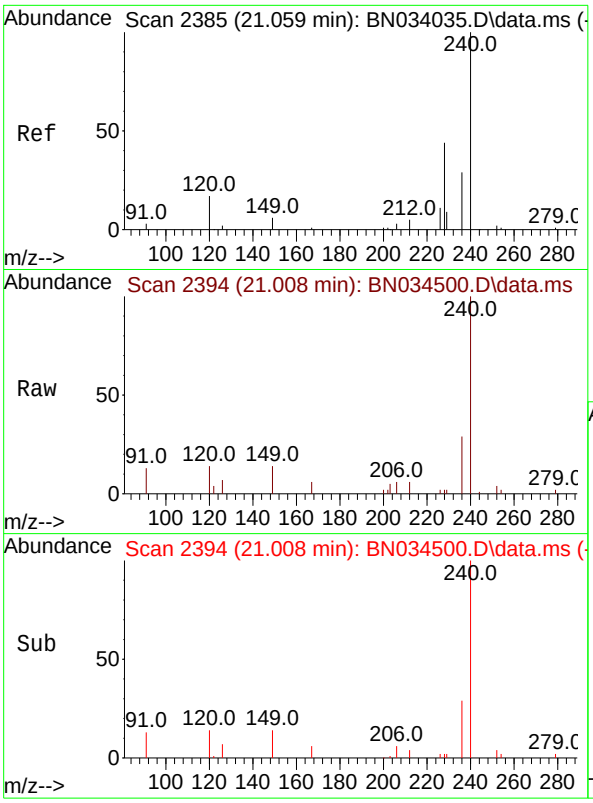


#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 18.825 min Scan# 1924
Delta R.T. -0.021 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Tgt Ion:212 Resp: 12900

Ion	Ratio	Lower	Upper
212	100		
106	15.1	13.4	20.2
104	8.6	7.8	11.6



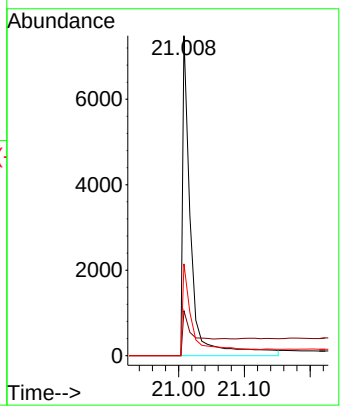


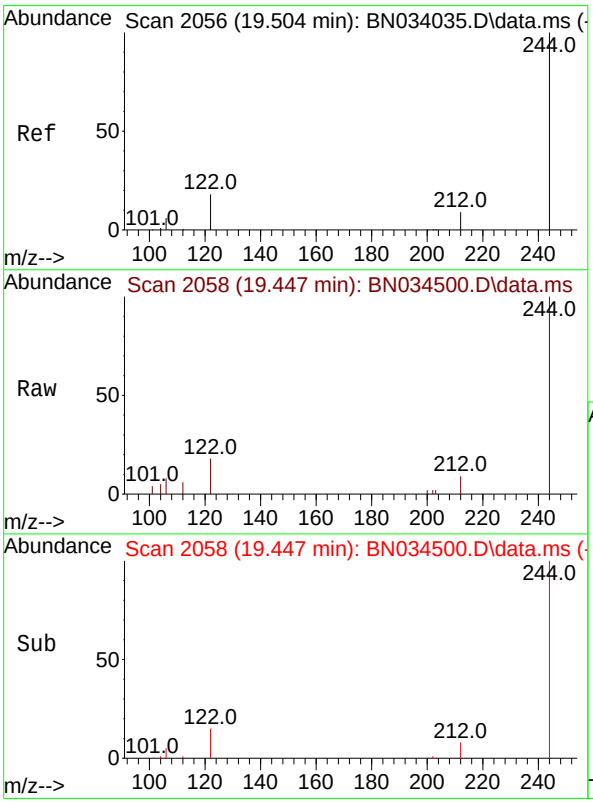
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Tgt Ion:240 Resp: 7152

Ion	Ratio	Lower	Upper
240	100		
120	14.0	13.5	20.3
236	28.7	23.4	35.0

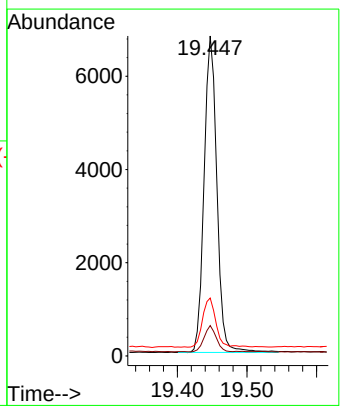


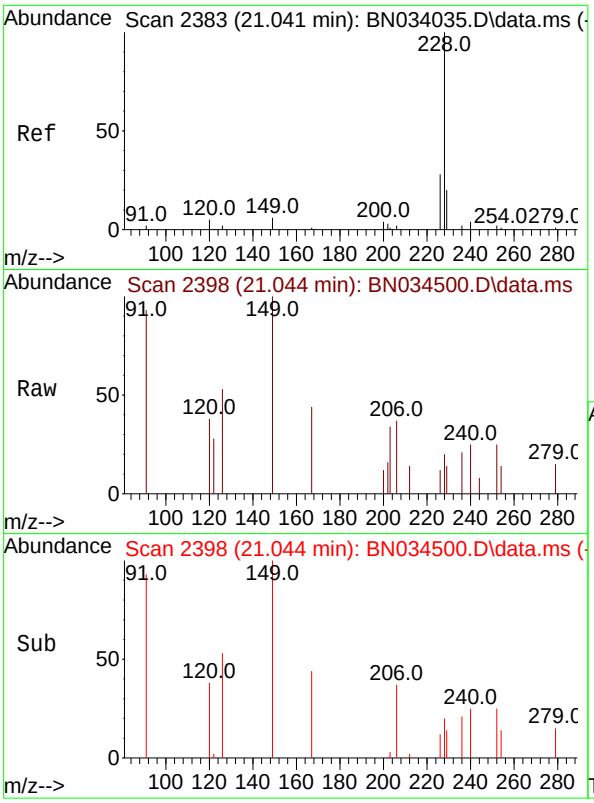


#31
Terphenyl-d14
Concen: 0.607 ng
RT: 19.447 min Scan# 2058
Delta R.T. -0.021 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Tgt Ion:244 Resp: 8664

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.8	11.6
122	18.1	14.8	22.2



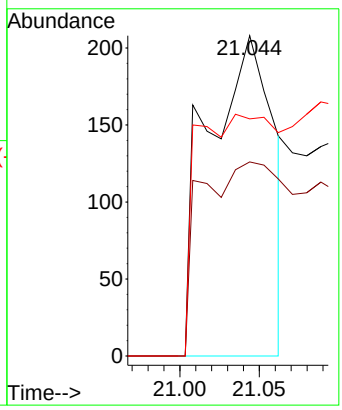


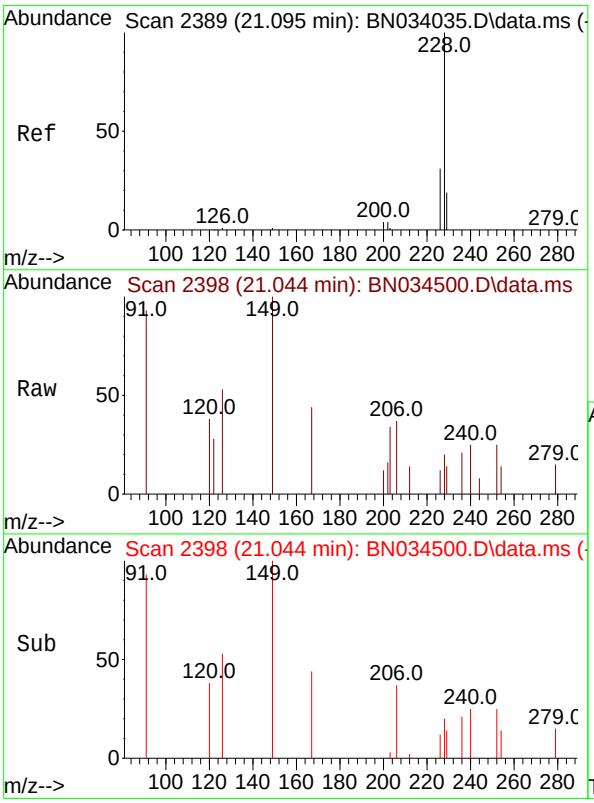
#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.044 min Scan# 2
Delta R.T. 0.038 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Tgt Ion:228 Resp: 542

Ion	Ratio	Lower	Upper
228	100		
226	60.6	22.3	33.5#
229	74.0	15.7	23.5#

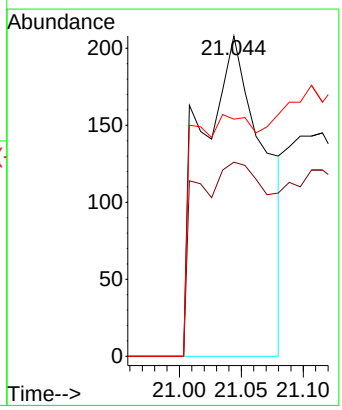


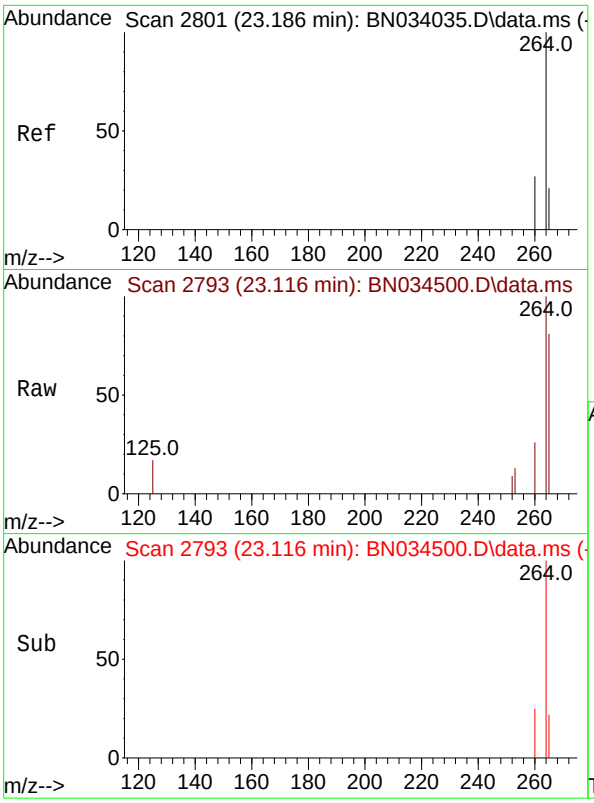


#33
Chrysene
Concen: 0.025 ng
RT: 21.044 min Scan# 2398
Delta R.T. -0.007 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Tgt Ion:228 Resp: 684

Ion	Ratio	Lower	Upper
228	100		
226	60.6	24.6	37.0#
229	74.0	15.5	23.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.116 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN034500.D
Acq: 09 Oct 2024 12:36

Instrument :
BNA_N
ClientSampleId :
PB163804BL

Tgt Ion:264 Resp: 11105

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.7	32.5
265	81.5	52.1	78.1#