

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034528.D
 Acq On : 10 Oct 2024 19:19
 Operator : RC/JU
 Sample : P4263-10
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20241001

Quant Time: Oct 11 00:22:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

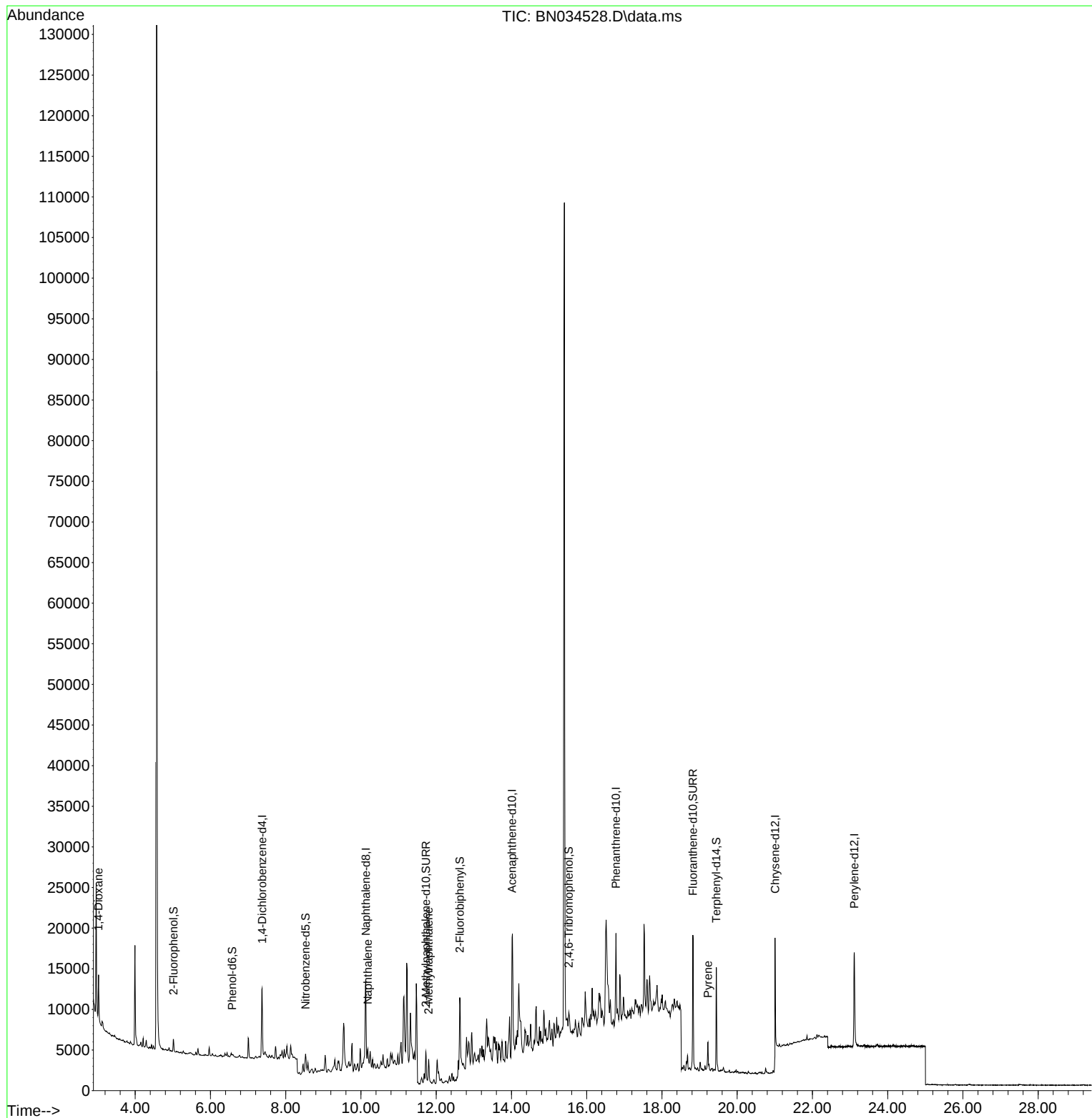
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4220	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	11964	0.400	ng	# 0.00
13) Acenaphthene-d10	14.015	164	7259	0.400	ng	# 0.00
19) Phenanthrene-d10	16.778	188	14678	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	9374	0.400	ng	# 0.00
35) Perylene-d12	23.111	264	14874	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1274	0.106	ng	0.00
5) Phenol-d6	6.578	99	536	0.038	ng	0.00
8) Nitrobenzene-d5	8.525	82	2136	0.233	ng	0.01
11) 2-Methylnaphthalene-d10	11.723	152	6036	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.525	330	1272	0.387	ng	-0.01
15) 2-Fluorobiphenyl	12.626	172	9396	0.318	ng	-0.01
27) Fluoranthene-d10	18.827	212	17699	0.478	ng	0.00
31) Terphenyl-d14	19.445	244	11958	0.639	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.025	88	3159	0.599	ng	# 83
9) Naphthalene	10.180	128	1949	0.059	ng	# 53
12) 2-Methylnaphthalene	11.799	142	2537	0.119	ng	# 94
30) Pyrene	19.222	202	3283	0.083	ng	97

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

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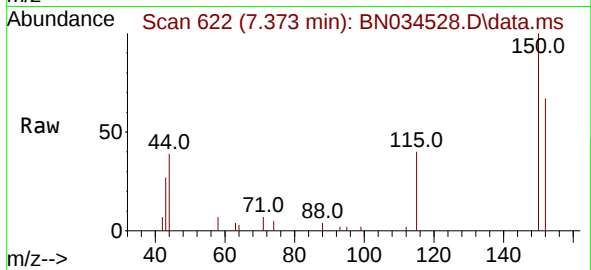
Quant Time: Oct 11 00:22:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration



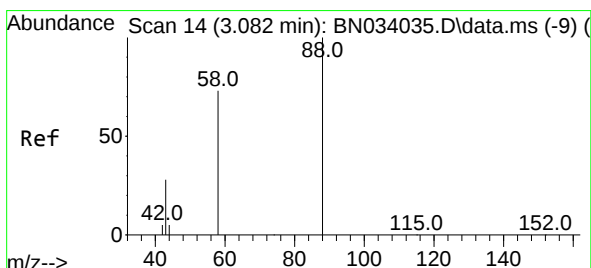
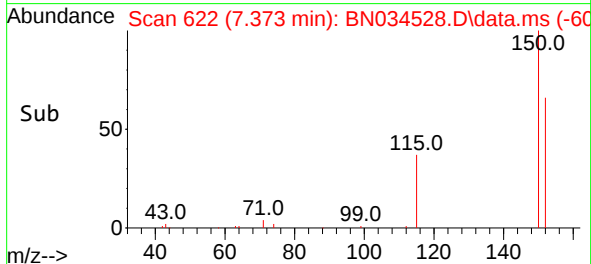
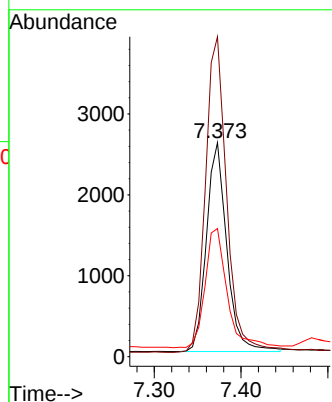


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001

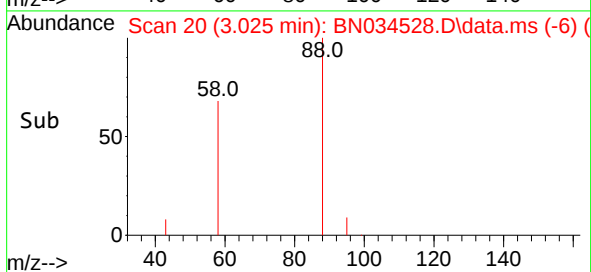
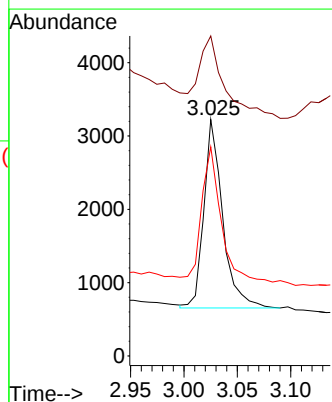
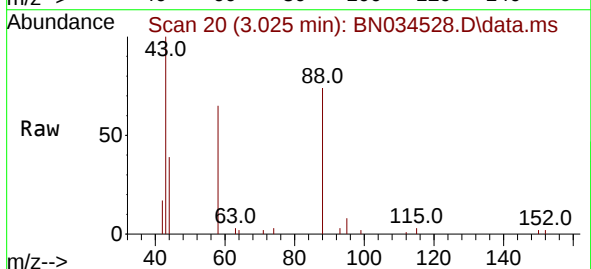


Tgt Ion:152 Resp: 4220
Ion Ratio Lower Upper
152 100
150 149.5 124.6 187.0
115 59.8 50.0 75.0



#2
1,4-Dioxane
Concen: 0.599 ng
RT: 3.025 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion: 88 Resp: 3159
Ion Ratio Lower Upper
88 100
43 60.0 25.8 38.8
58 75.4 58.8 88.2

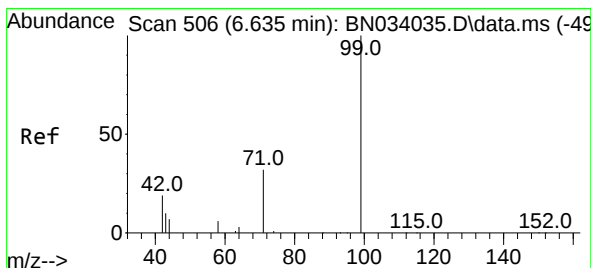
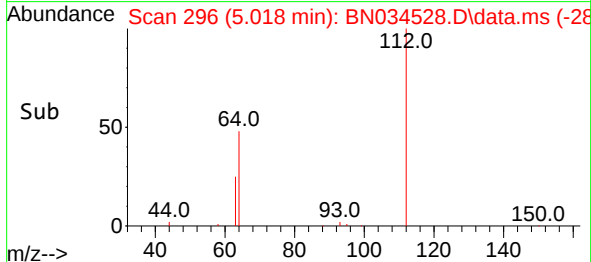
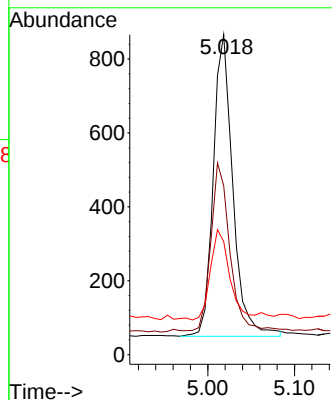
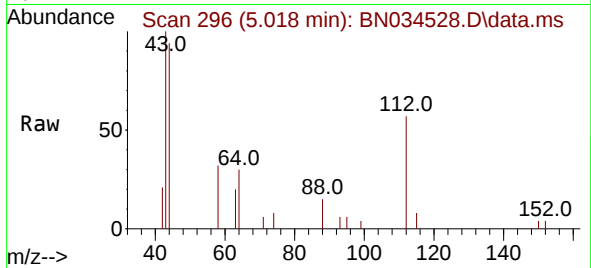




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.018 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

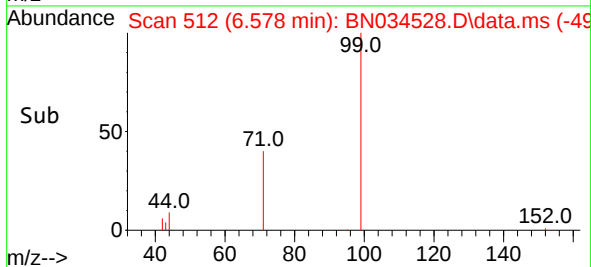
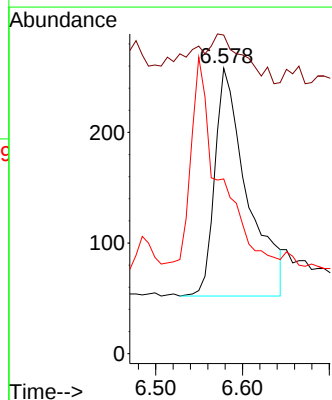
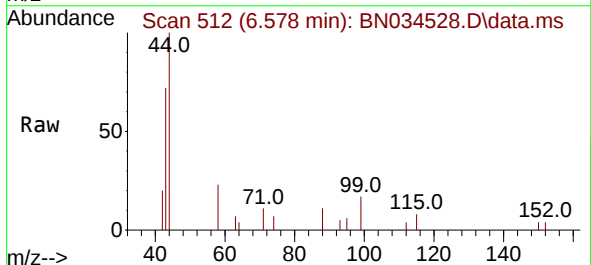
Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001

Tgt Ion:112 Resp: 1274
Ion Ratio Lower Upper
112 100
64 53.5 48.6 72.8
63 29.4 25.6 38.4



#5
Phenol-d6
Concen: 0.038 ng
RT: 6.578 min Scan# 512
Delta R.T. 0.007 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion: 99 Resp: 536
Ion Ratio Lower Upper
99 100
42 36.8 17.8 26.8#
71 0.0 26.2 39.2#

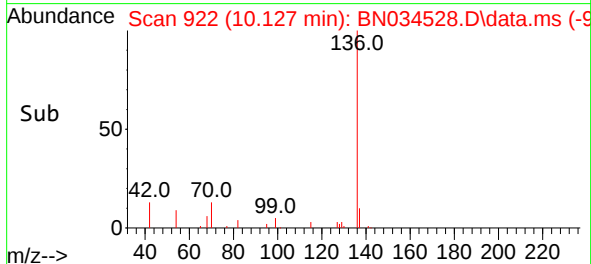
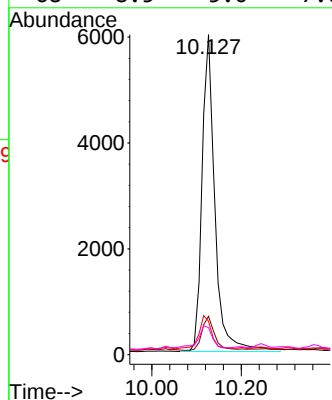
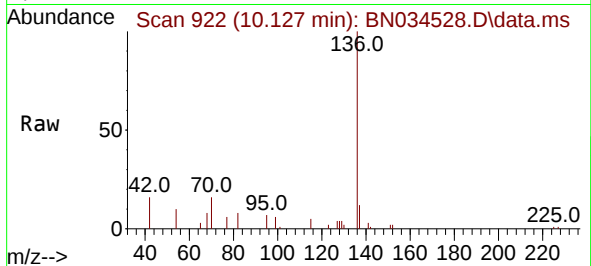




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

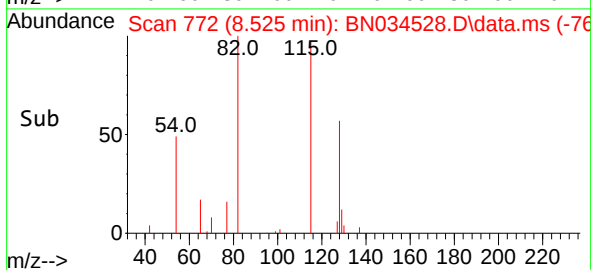
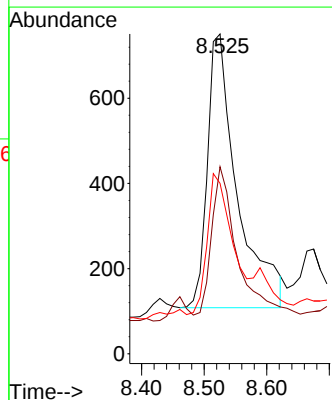
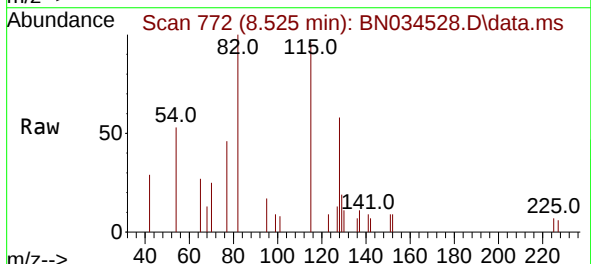
Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001

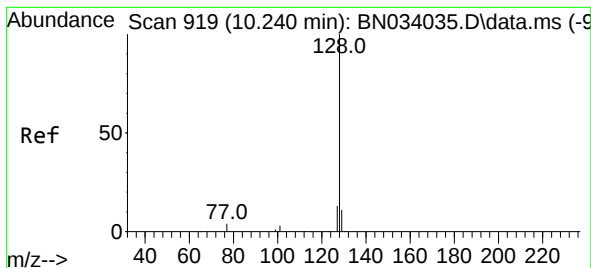
Tgt Ion:	136	Resp:	11964
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.0	13.6
54	10.5	6.8	10.2#
68	8.5	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.233 ng
RT: 8.525 min Scan# 772
Delta R.T. 0.011 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion:	82	Resp:	2136
Ion Ratio	Lower	Upper	
82	100		
128	58.5	31.4	47.2#
54	53.3	47.4	71.0





#9

Naphthalene

Concen: 0.059 ng

RT: 10.180 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

Instrument :

BNA_N

ClientSampleId :

RE123D1-20241001

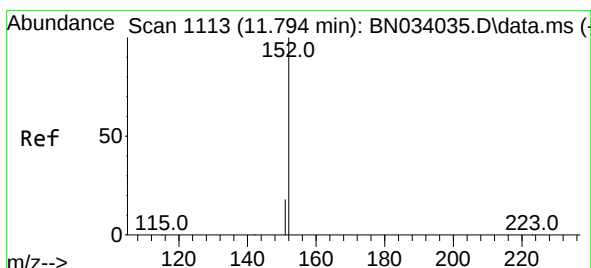
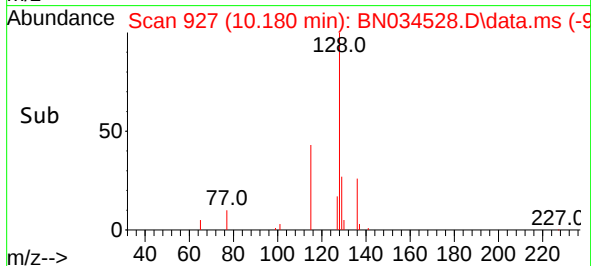
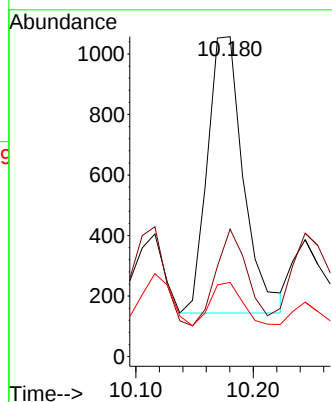
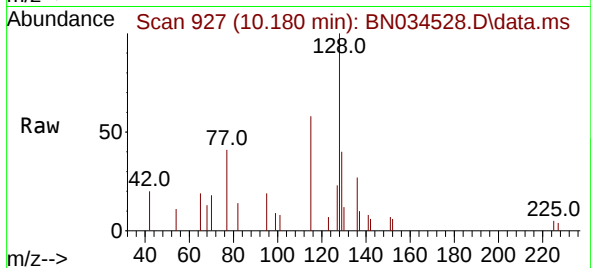
Tgt Ion:128 Resp: 1949

Ion Ratio Lower Upper

128 100

129 39.8 9.2 13.8#

127 23.2 10.7 16.1#



#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 11.723 min Scan# 1109

Delta R.T. -0.004 min

Lab File: BN034528.D

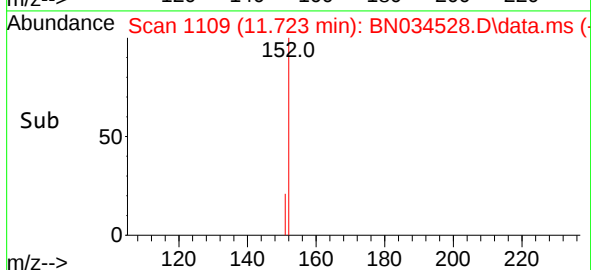
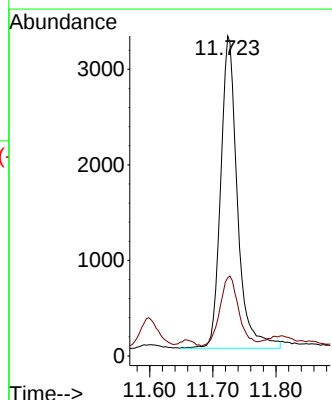
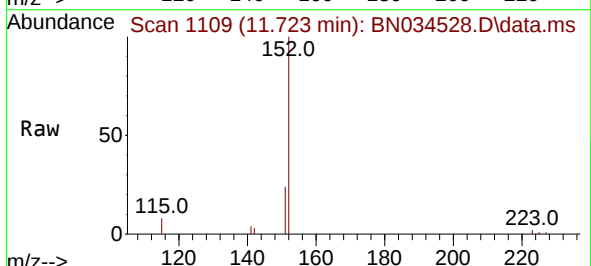
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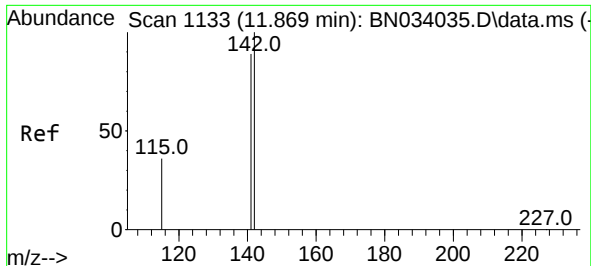
Tgt Ion:152 Resp: 6036

Ion Ratio Lower Upper

152 100

151 25.5 16.8 25.2#

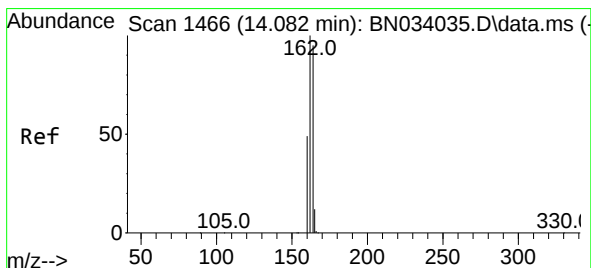
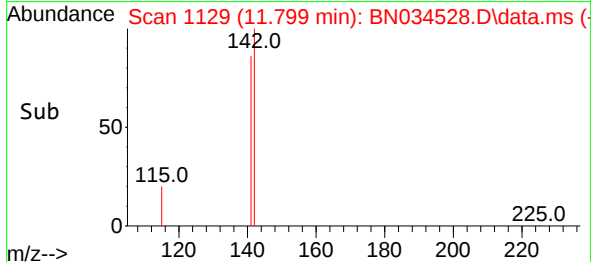
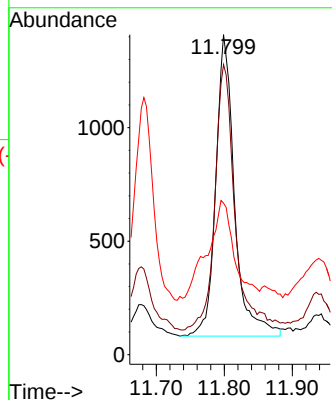
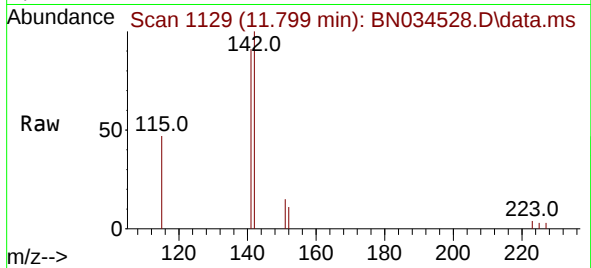




#12
2-Methylnaphthalene
Concen: 0.119 ng
RT: 11.799 min Scan# 1129
Delta R.T. -0.004 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

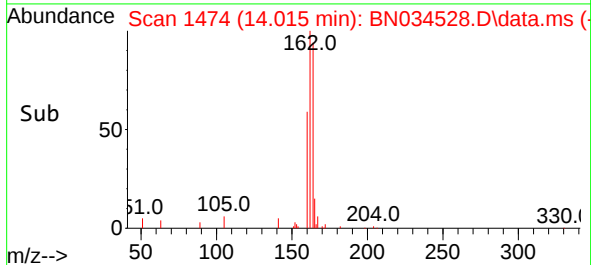
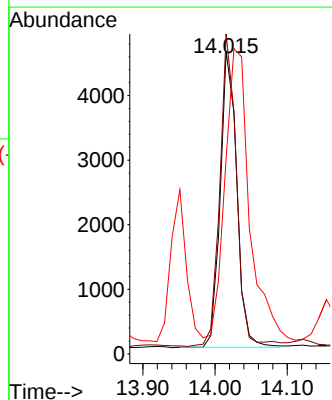
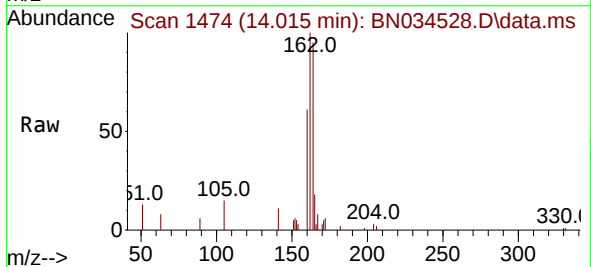
Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001

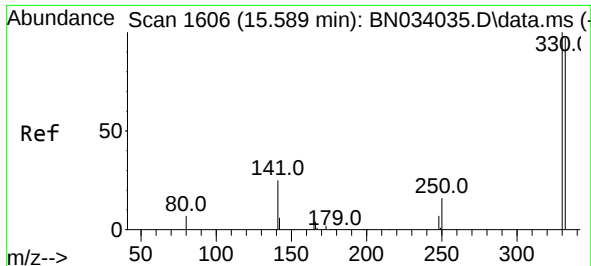
Tgt Ion:142 Resp: 2537
Ion Ratio Lower Upper
142 100
141 90.6 71.6 107.4
115 47.3 30.0 45.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.015 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

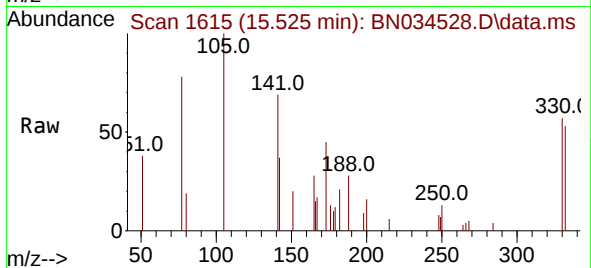
Tgt Ion:164 Resp: 7259
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 64.5 41.7 62.5#



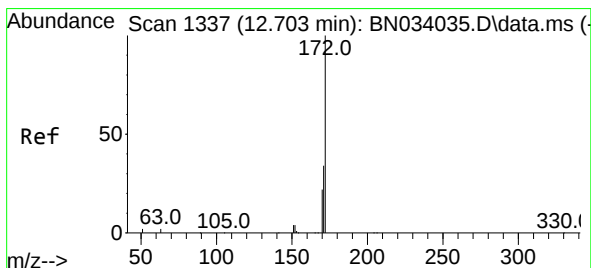
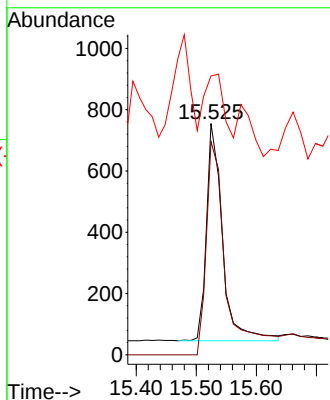
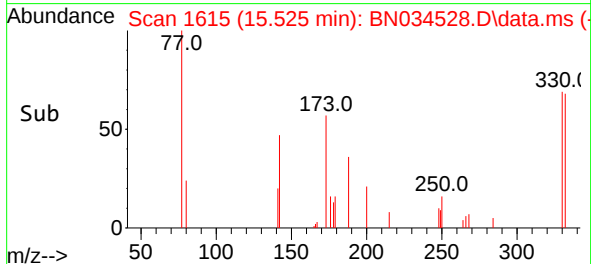


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.525 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001

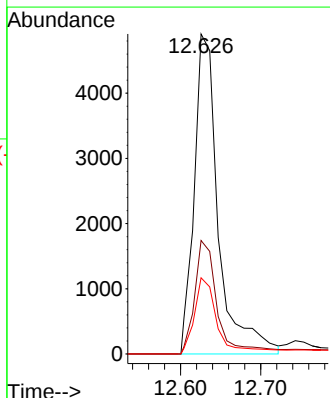
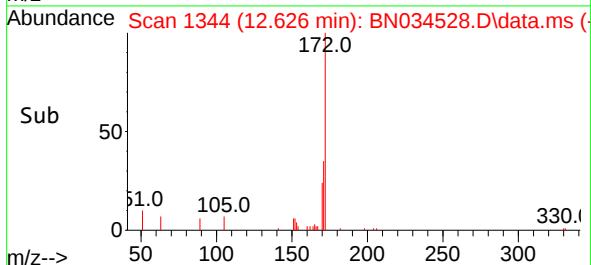
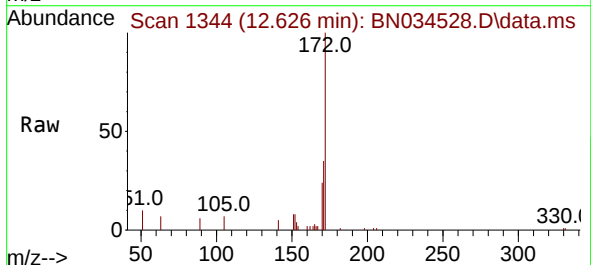


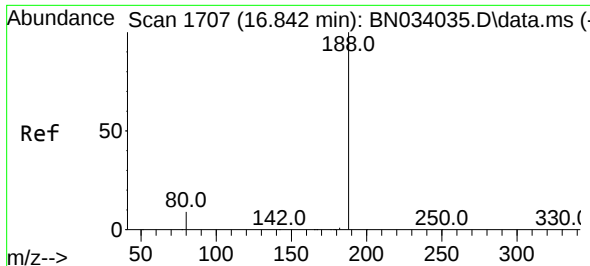
Tgt Ion:330 Resp: 1272
Ion Ratio Lower Upper
330 100
332 125.9 77.4 116.0#
141 39.4 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.626 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion:172 Resp: 9396
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 23.8 18.1 27.1

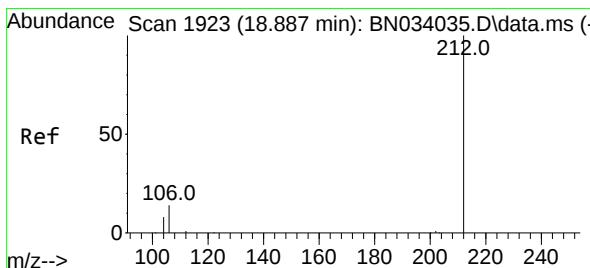
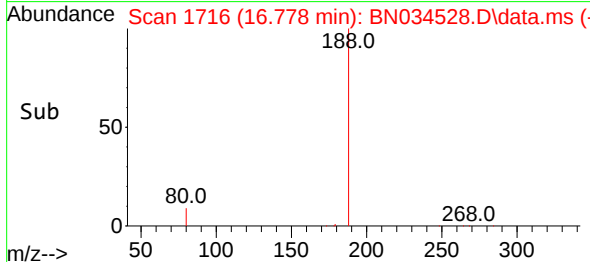
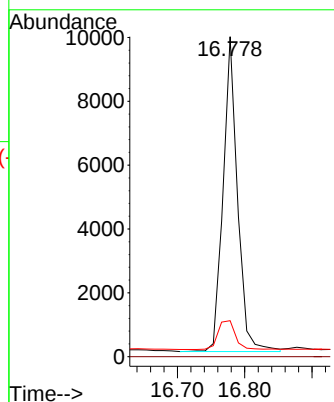
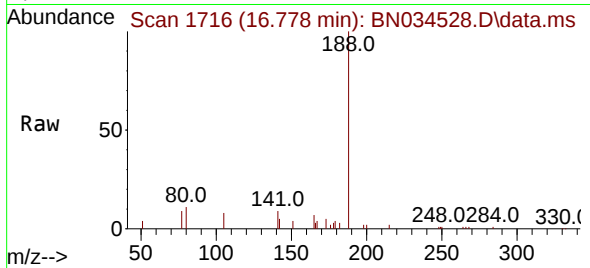




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.778 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

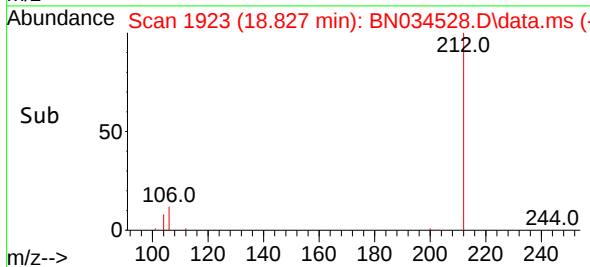
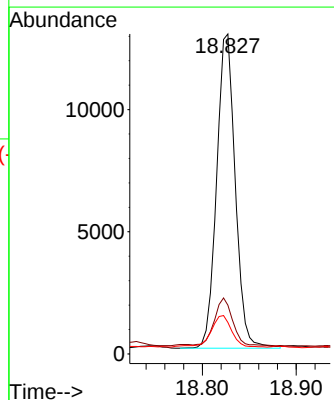
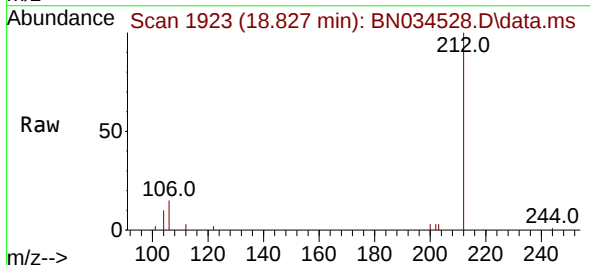
Instrument :
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RE123D1-20241001

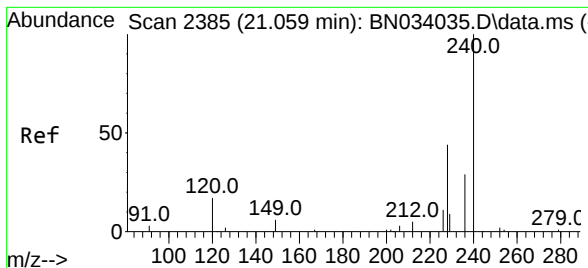
Tgt Ion:188 Resp: 14678
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.478 ng
RT: 18.827 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion:212 Resp: 17699
Ion Ratio Lower Upper
212 100
106 14.9 13.4 20.2
104 11.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

Instrument :

BNA_N

ClientSampleId :

RE123D1-20241001

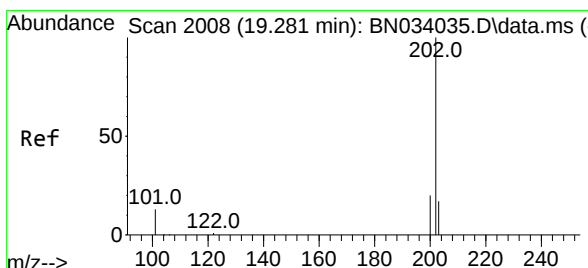
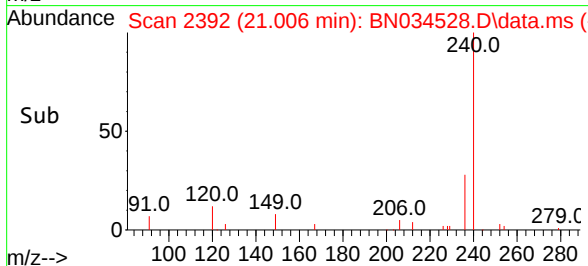
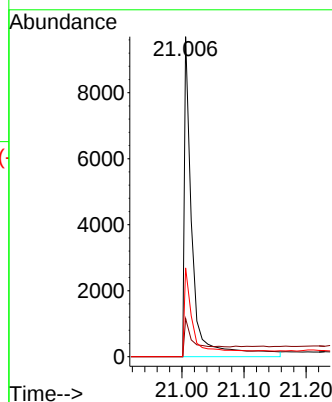
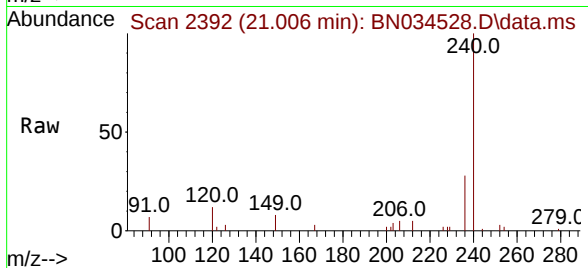
Tgt Ion:240 Resp: 9374

Ion Ratio Lower Upper

240 100

120 11.9 13.5 20.3#

236 27.8 23.4 35.0



#30

Pyrene

Concen: 0.083 ng

RT: 19.222 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

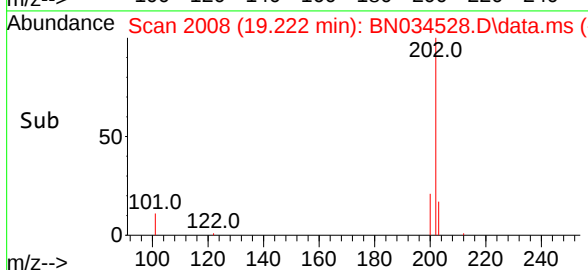
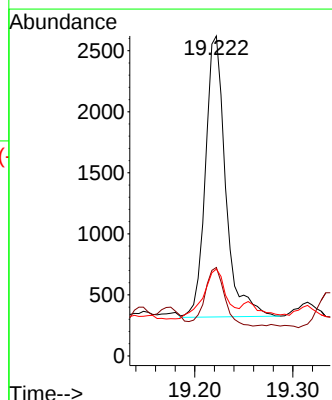
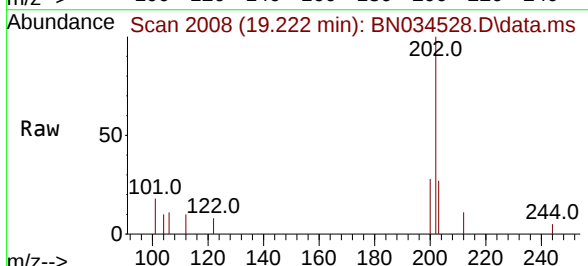
Tgt Ion:202 Resp: 3283

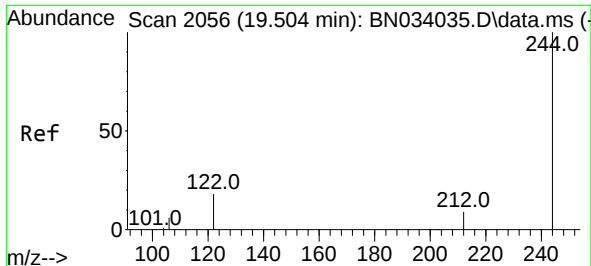
Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

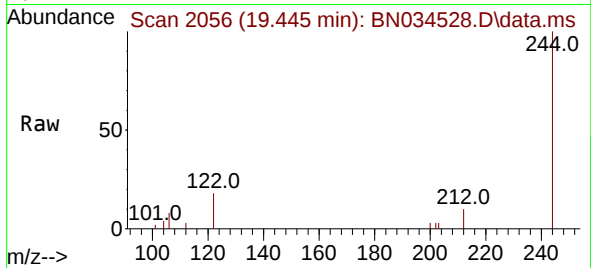
203 20.0 14.3 21.5



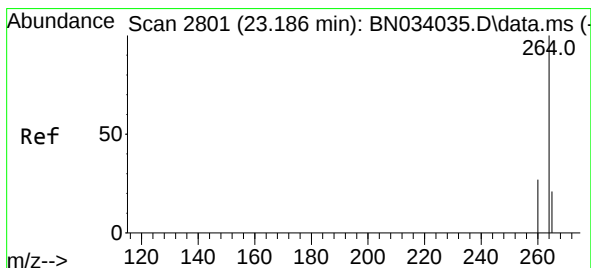
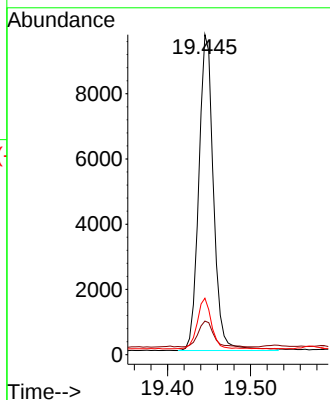


#31
Terphenyl-d14
Concen: 0.639 ng
RT: 19.445 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001



Tgt Ion:244 Resp: 11958
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.6
122 17.7 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.111 min Scan# 2788
Delta R.T. -0.003 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion:264 Resp: 14874
Ion Ratio Lower Upper
264 100
260 26.2 21.7 32.5
265 62.5 52.1 78.1

