

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034525.D
 Acq On : 10 Oct 2024 17:31
 Operator : RC/JU
 Sample : P4263-07
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20240930

Quant Time: Oct 10 18:03:06 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)

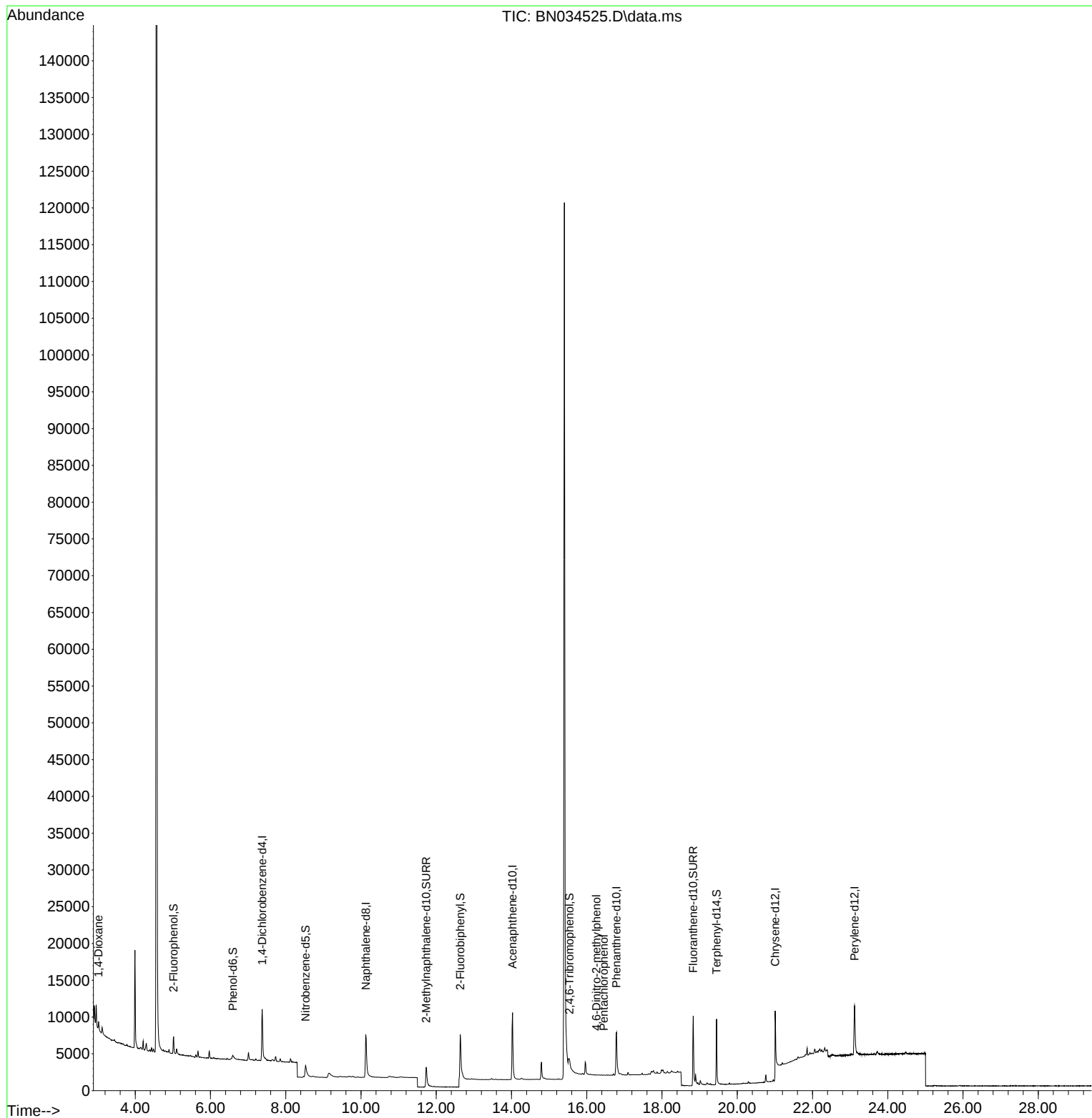
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4207	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	11561	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	6606	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	12259	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	7970	0.400	ng	0.00
35) Perylene-d12	23.117	264	10230	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1917	0.161	ng	-0.01
5) Phenol-d6	6.593	99	962	0.069	ng	0.00
8) Nitrobenzene-d5	8.525	82	2408	0.272	ng	-0.01
11) 2-Methylnaphthalene-d10	11.731	152	5667	0.332	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	879	0.294	ng	-0.01
15) 2-Fluorobiphenyl	12.636	172	8229	0.306	ng	-0.02
27) Fluoranthene-d10	18.832	212	12673	0.410	ng	-0.01
31) Terphenyl-d14	19.450	244	9755	0.613	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	730	0.139	ng	# 27
20) 4,6-Dinitro-2-methylph...	16.257	198	16	0.145	ng	# 1
24) Pentachlorophenol	16.455	266	69	0.027	ng	# 89

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

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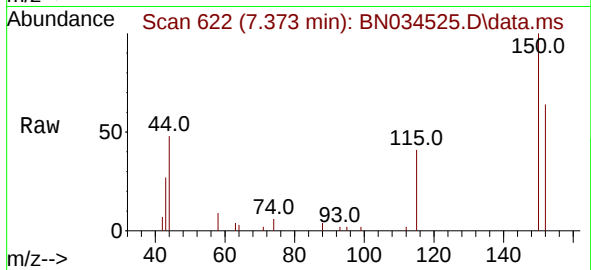
Quant Time: Oct 10 18:03:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration



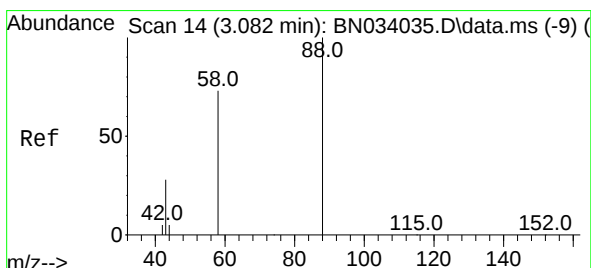
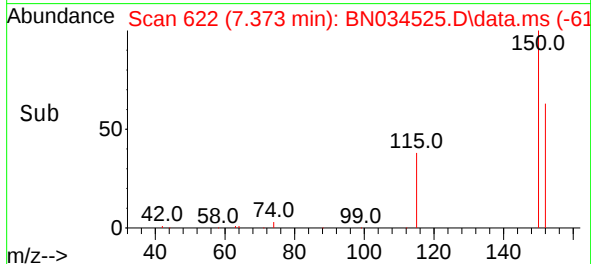
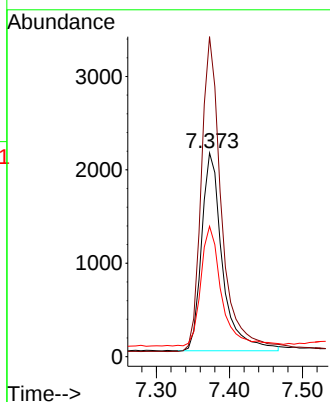


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930

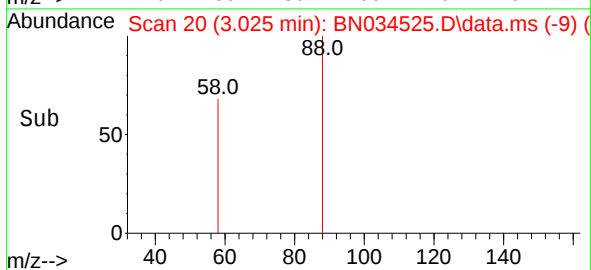
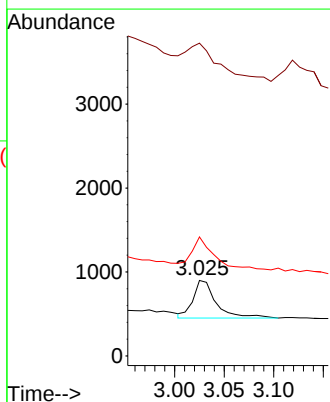
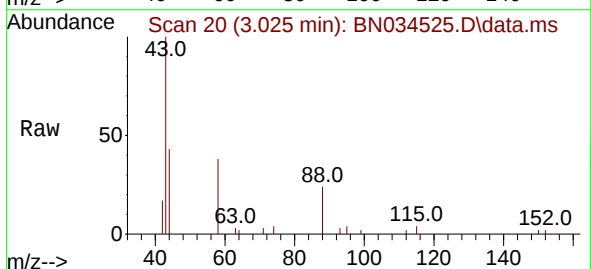


Tgt Ion:152 Resp: 4207
Ion Ratio Lower Upper
152 100
150 157.1 124.6 187.0
115 64.0 50.0 75.0



#2
1,4-Dioxane
Concen: 0.139 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

Tgt Ion: 88 Resp: 730
Ion Ratio Lower Upper
88 100
43 147.4 25.8 38.8#
58 85.9 58.8 88.2

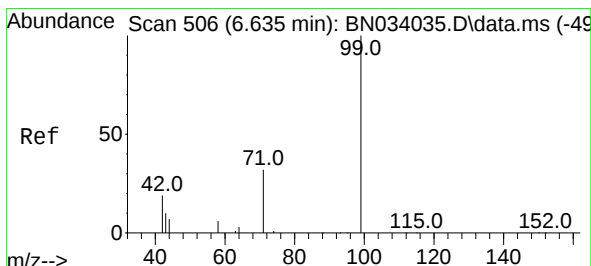
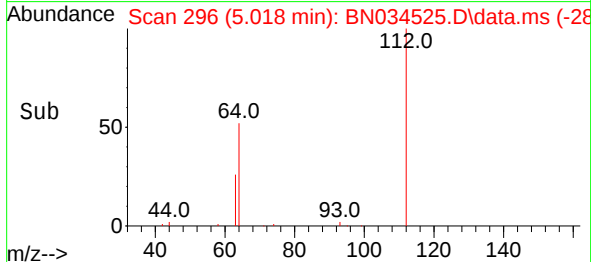
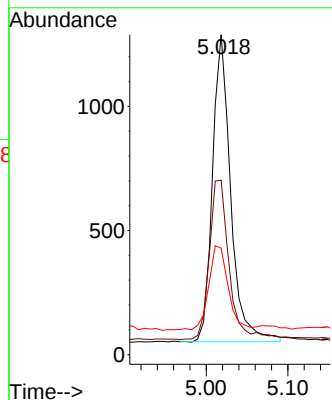
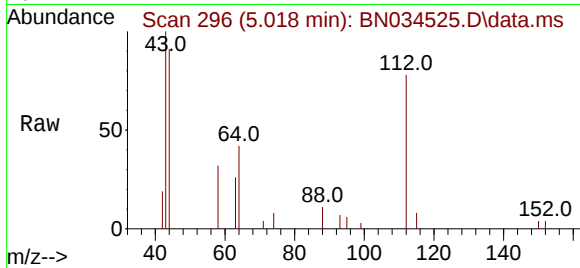




#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.018 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

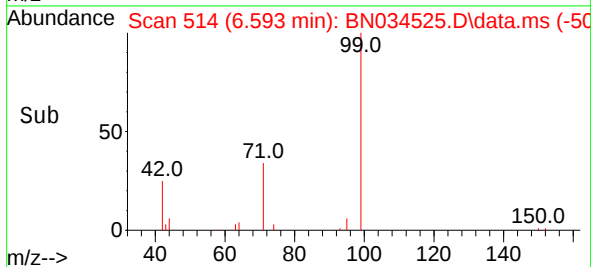
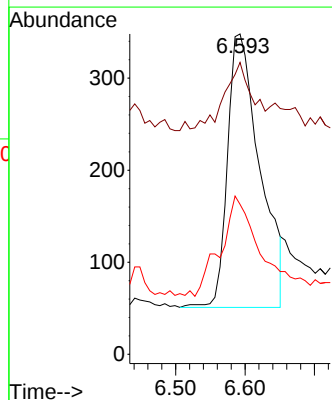
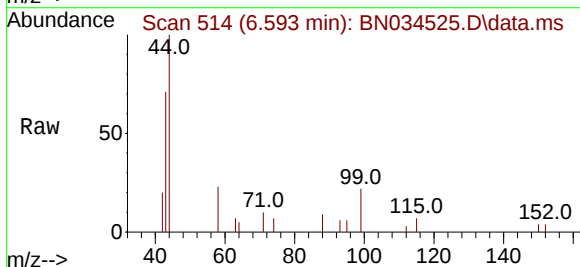
Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930

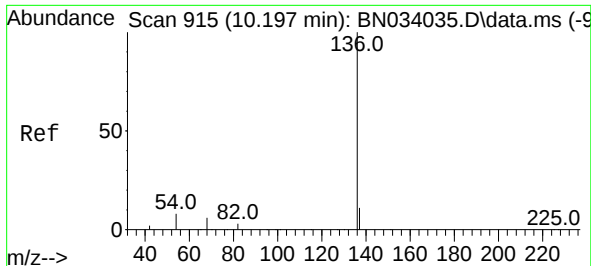
Tgt Ion:112 Resp: 1917
Ion Ratio Lower Upper
112 100
64 56.7 48.6 72.8
63 29.0 25.6 38.4



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.593 min Scan# 514
Delta R.T. -0.007 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

Tgt Ion: 99 Resp: 962
Ion Ratio Lower Upper
99 100
42 20.4 17.8 26.8
71 41.2 26.2 39.2#

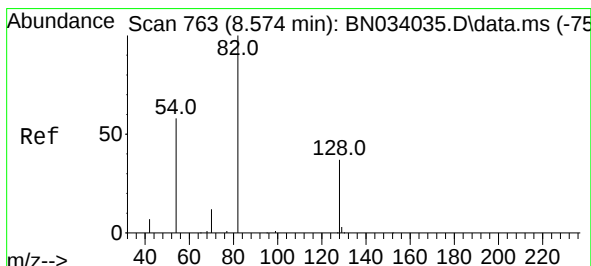
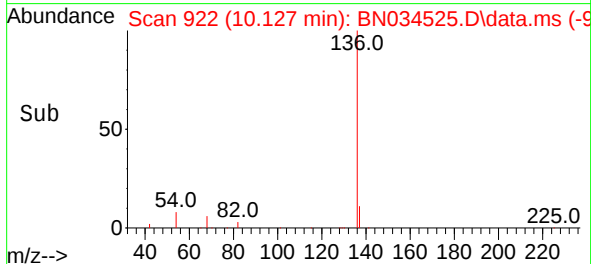
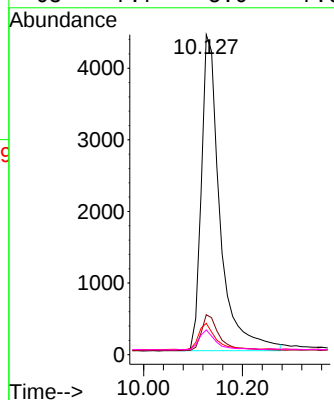
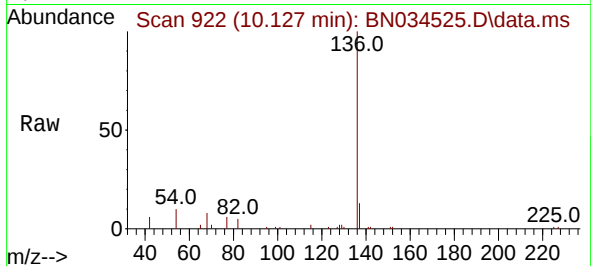




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

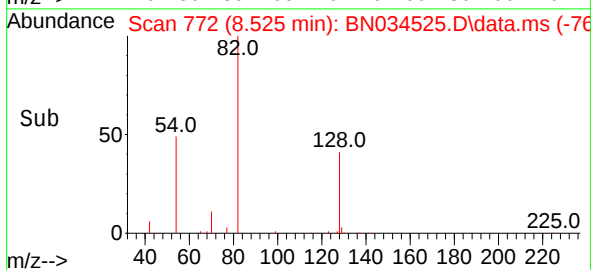
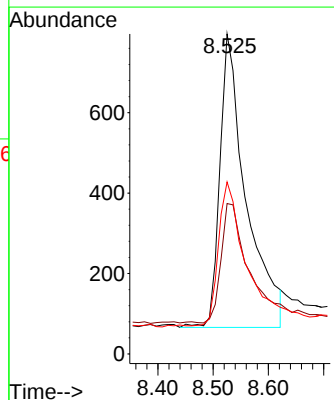
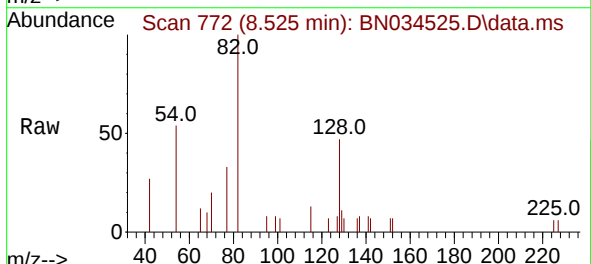
Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930

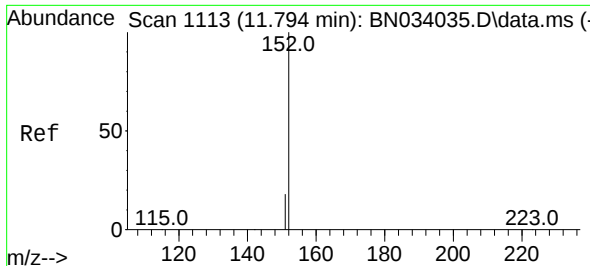
Tgt Ion:136 Resp: 11561
Ion Ratio Lower Upper
136 100
137 12.5 9.0 13.6
54 9.8 6.8 10.2
68 7.7 5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.525 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

Tgt Ion: 82 Resp: 2408
Ion Ratio Lower Upper
82 100
128 47.0 31.4 47.2
54 53.8 47.4 71.0

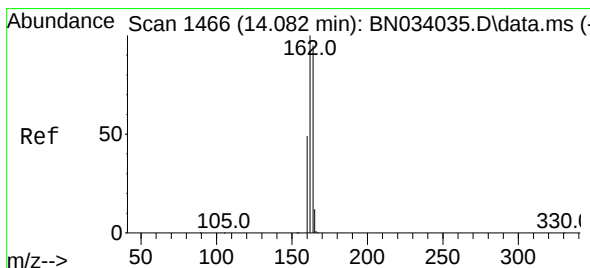
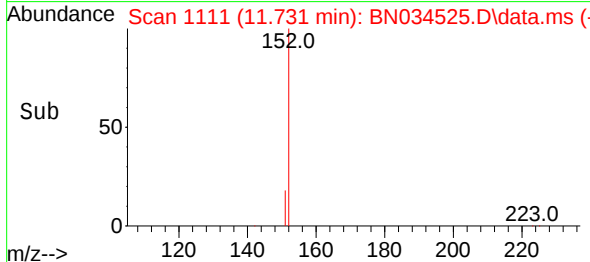
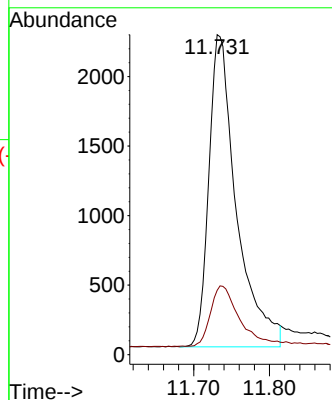
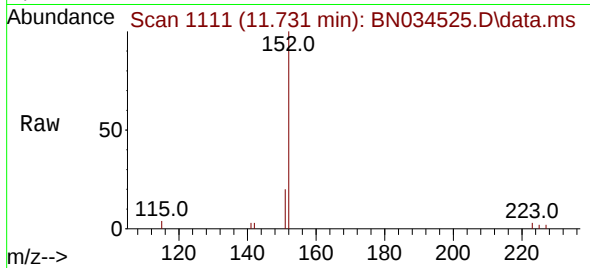




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 11.731 min Scan# 1111
Delta R.T. -0.022 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

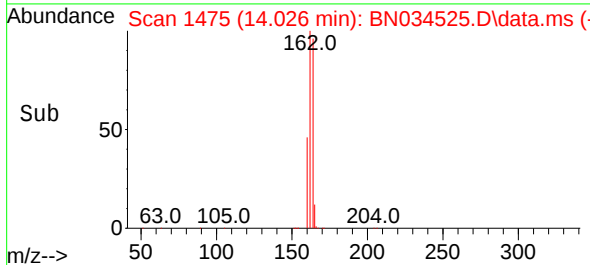
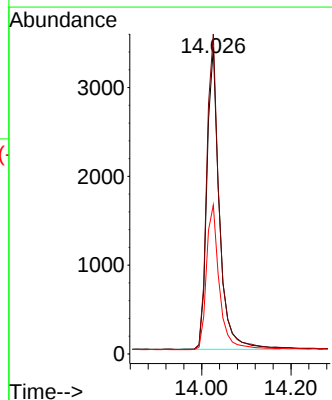
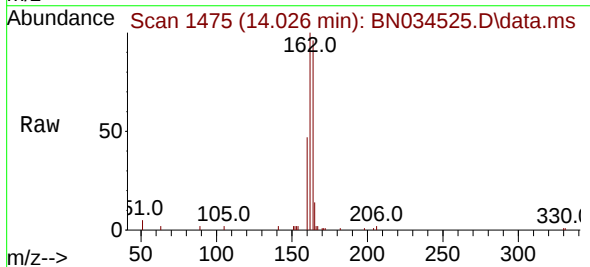
Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930

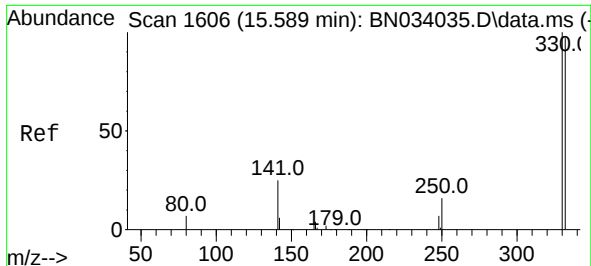
Tgt Ion:152 Resp: 5667
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 1475
Delta R.T. -0.021 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

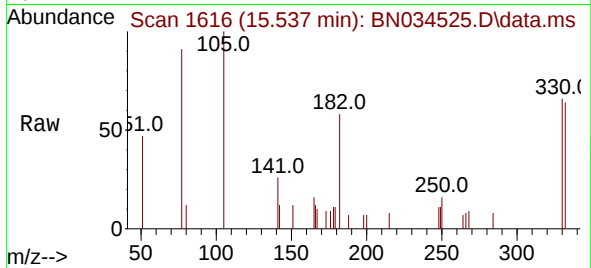
Tgt Ion:164 Resp: 6606
Ion Ratio Lower Upper
164 100
162 104.4 84.2 126.2
160 48.6 41.7 62.5



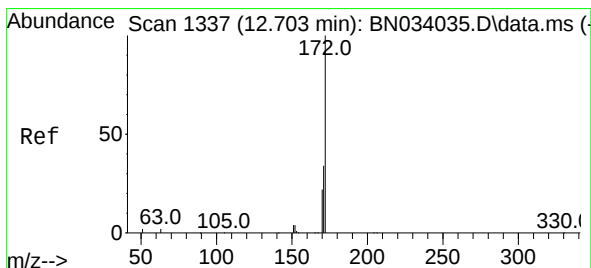
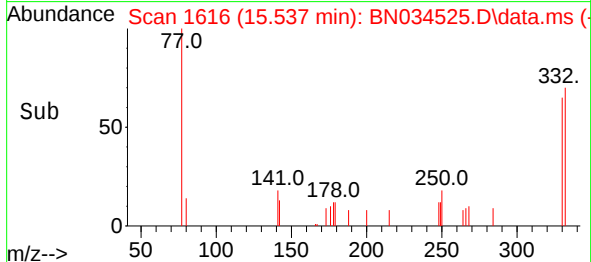
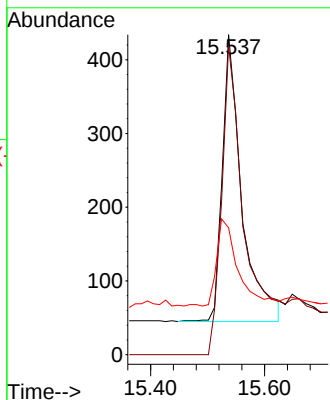


#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.537 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930

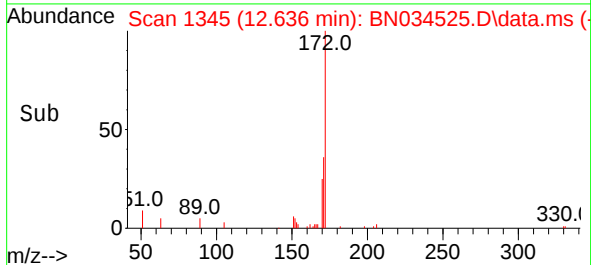
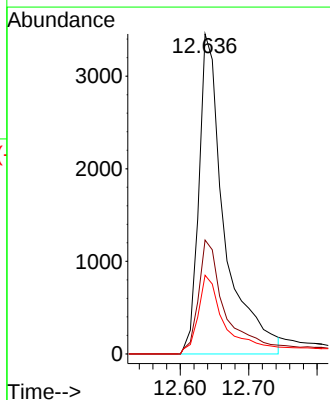
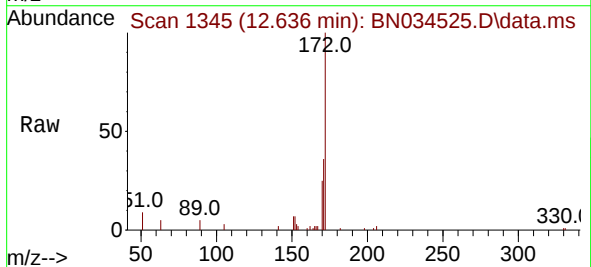


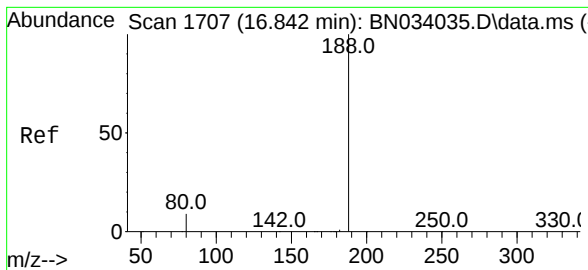
Tgt Ion:330 Resp: 879
Ion Ratio Lower Upper
330 100
332 136.1 77.4 116.0#
141 33.8 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.636 min Scan# 1345
Delta R.T. -0.021 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

Tgt Ion:172 Resp: 8229
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 24.6 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.790 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN034525.D

Acq: 10 Oct 2024 17:31

Instrument :

BNA_N

ClientSampleId :

TT188S1-20240930

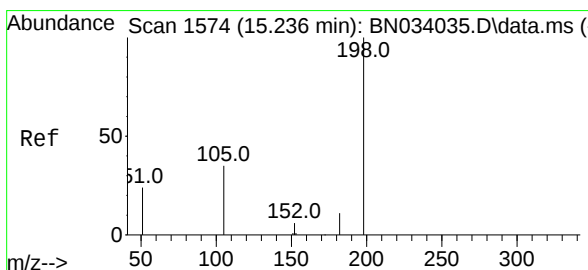
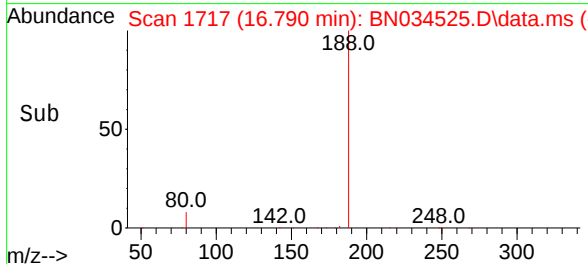
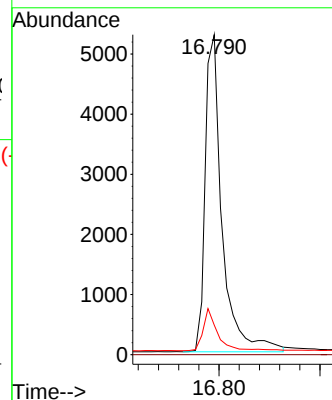
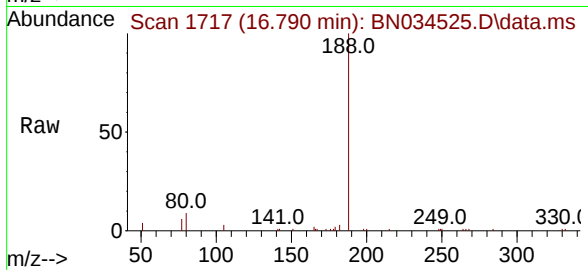
Tgt Ion:188 Resp: 12259

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.145 ng

RT: 16.257 min Scan# 1674

Delta R.T. -0.049 min

Lab File: BN034525.D

Acq: 10 Oct 2024 17:31

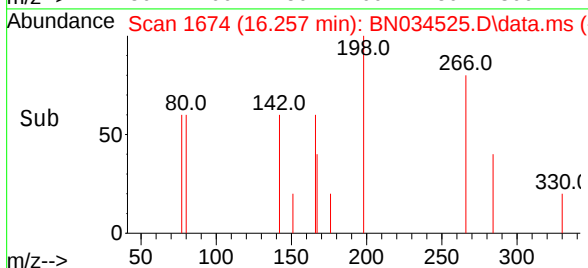
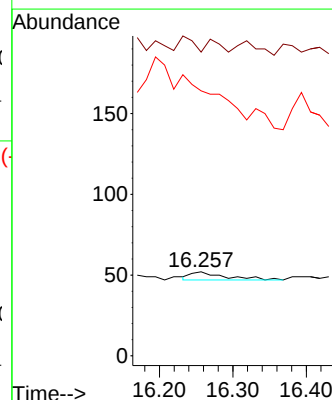
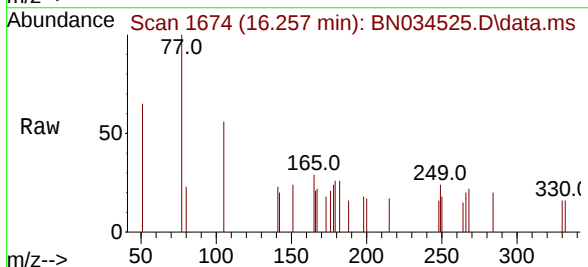
Tgt Ion:198 Resp: 16

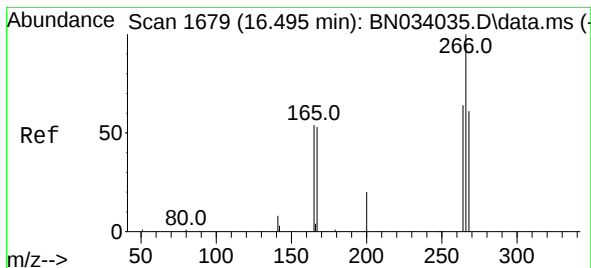
Ion Ratio Lower Upper

198 100

51 361.5 106.4 159.6#

105 315.4 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.027 ng

RT: 16.455 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN034525.D

Acq: 10 Oct 2024 17:31

Instrument :

BNA_N

ClientSampleId :

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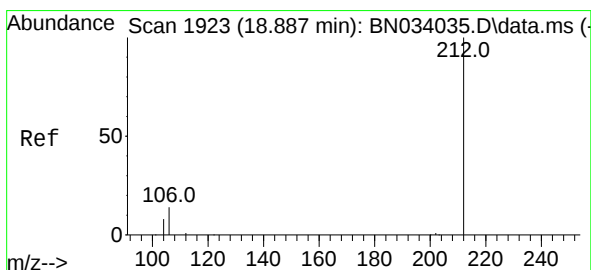
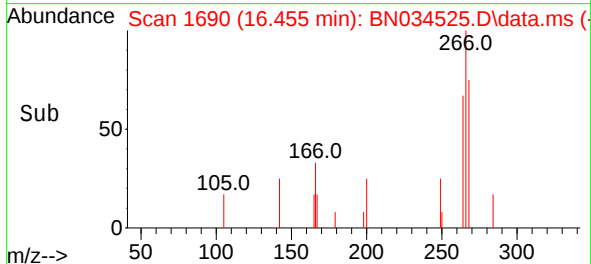
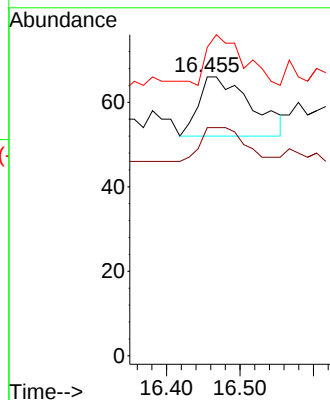
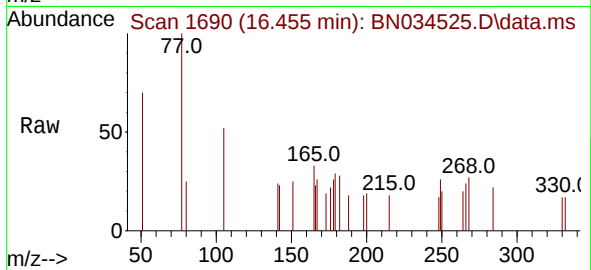
Tgt Ion:266 Resp: 69

Ion Ratio Lower Upper

266 100

264 47.8 50.2 75.2#

268 60.9 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.410 ng

RT: 18.832 min Scan# 1924

Delta R.T. -0.014 min

Lab File: BN034525.D

Acq: 10 Oct 2024 17:31

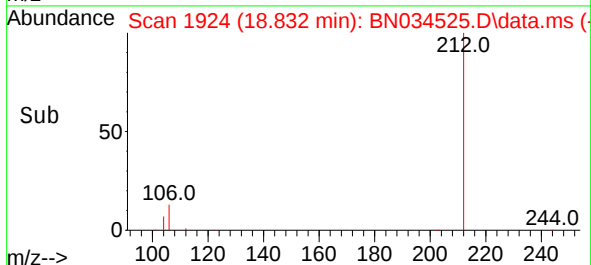
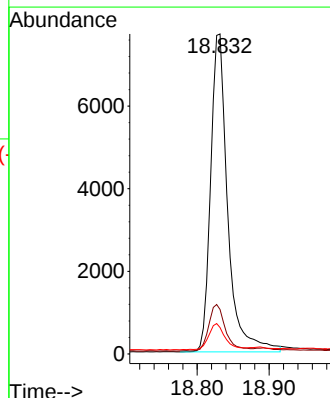
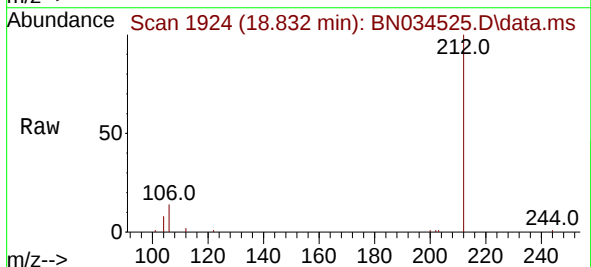
Tgt Ion:212 Resp: 12673

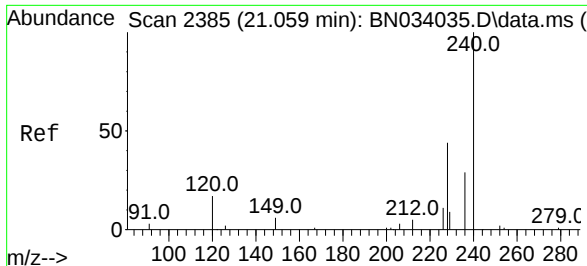
Ion Ratio Lower Upper

212 100

106 14.3 13.4 20.2

104 7.9 7.8 11.6

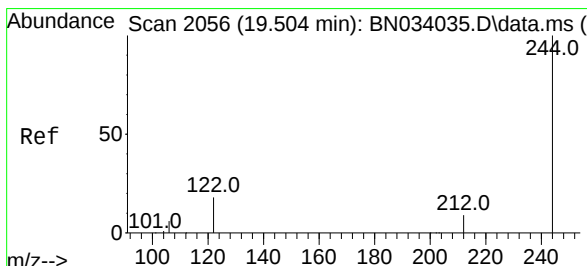
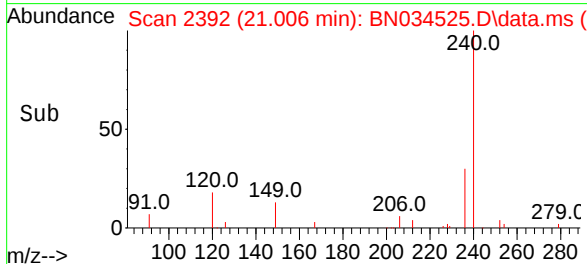
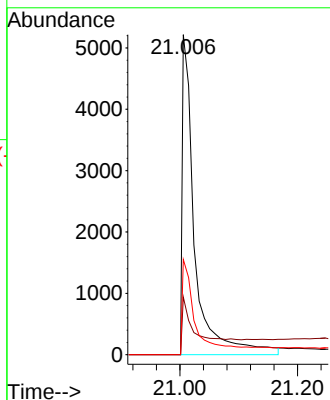
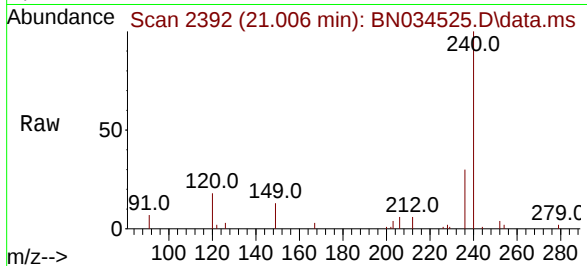




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

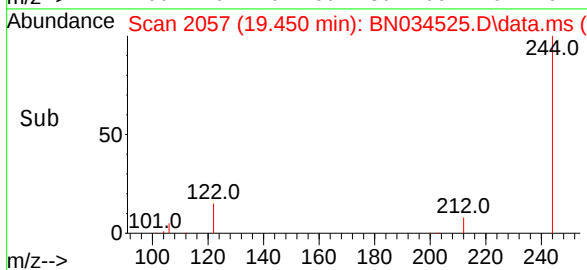
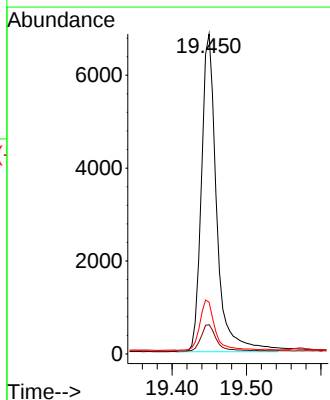
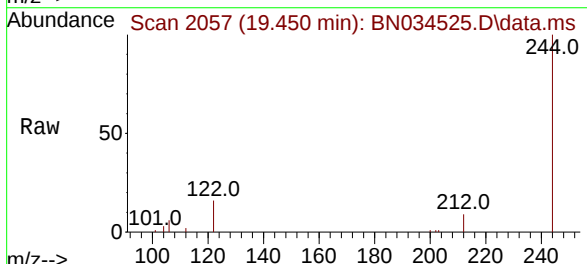
Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930

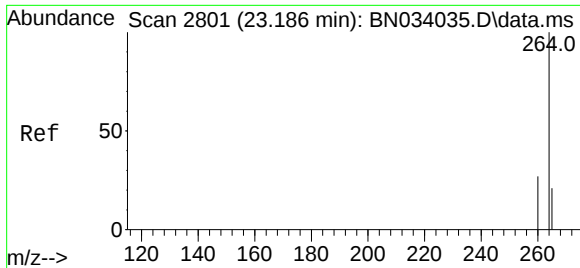
Tgt Ion:240 Resp: 7970
Ion Ratio Lower Upper
240 100
120 18.0 13.5 20.3
236 29.8 23.4 35.0



#31
Terphenyl-d14
Concen: 0.613 ng
RT: 19.450 min Scan# 2057
Delta R.T. -0.018 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

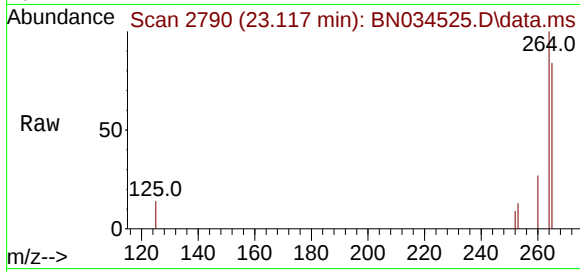
Tgt Ion:244 Resp: 9755
Ion Ratio Lower Upper
244 100
212 9.1 7.8 11.6
122 16.2 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.117 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930



Tgt Ion:264 Resp: 10230
Ion Ratio Lower Upper
264 100
260 27.0 21.7 32.5
265 84.0 52.1 78.1#

