

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032599.D
 Acq On : 09 Jul 2024 22:36
 Operator : MA/JU
 Sample : PB161970BL
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161970BL

Quant Time: Jul 10 01:03:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

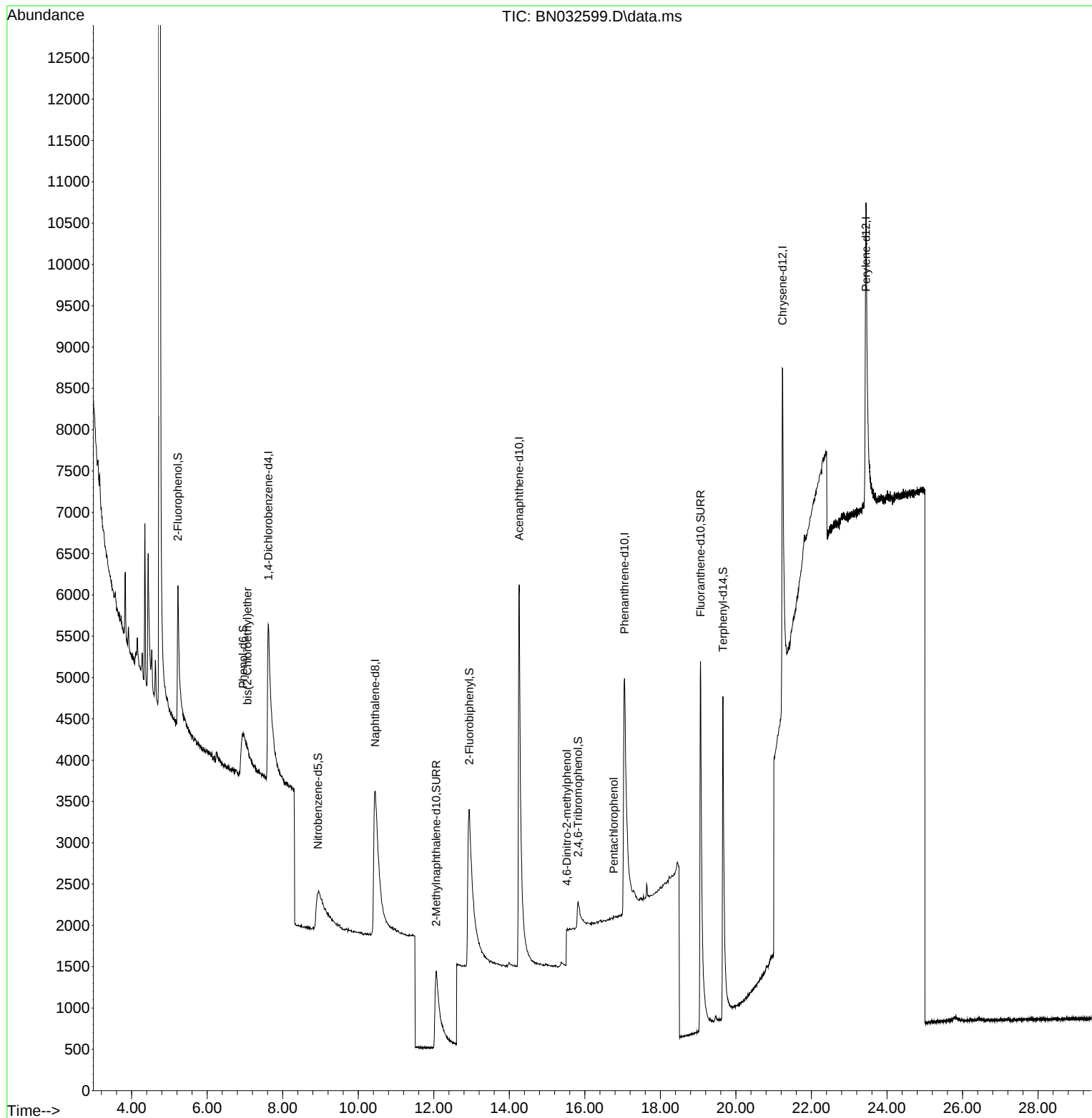
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.617	152	3082	0.400	ng	0.03
7) Naphthalene-d8	10.453	136	10137	0.400	ng	# 0.08
13) Acenaphthene-d10	14.263	164	7549	0.400	ng	0.03
19) Phenanthrene-d10	17.053	188	13070	0.400	ng	# 0.05
29) Chrysene-d12	21.238	240	9559	0.400	ng	# 0.03
35) Perylene-d12	23.443	264	10061	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	3656	0.469	ng	0.01
5) Phenol-d6	6.953	99	2146	0.216	ng	0.13
8) Nitrobenzene-d5	8.937	82	1795	0.237	ng	0.14
11) 2-Methylnaphthalene-d10	12.066	152	5890	0.368	ng	0.08
14) 2,4,6-Tribromophenol	15.825	330	508	0.148	ng	0.06
15) 2-Fluorobiphenyl	12.938	172	7187	0.258	ng	0.07
27) Fluoranthene-d10	19.063	212	12036	0.353	ng	0.02
31) Terphenyl-d14	19.658	244	8714	0.373	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.068	93	7	0.087	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.527	198	3	0.198	ng	# 3
24) Pentachlorophenol	16.768	266	14	0.172	ng	# 52

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

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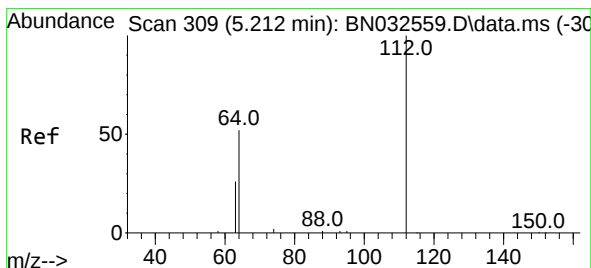
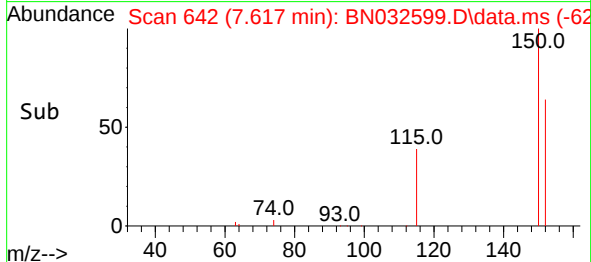
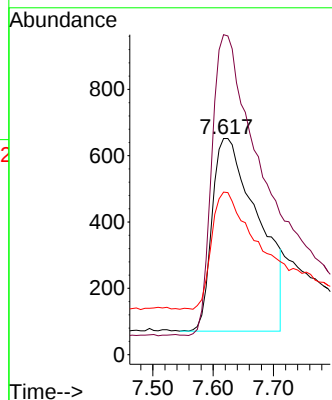
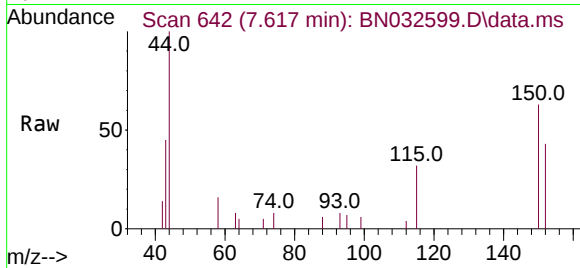




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.617 min Scan# 64
 Delta R.T. 0.029 min
 Lab File: BN032599.D
 Acq: 09 Jul 2024 22:36

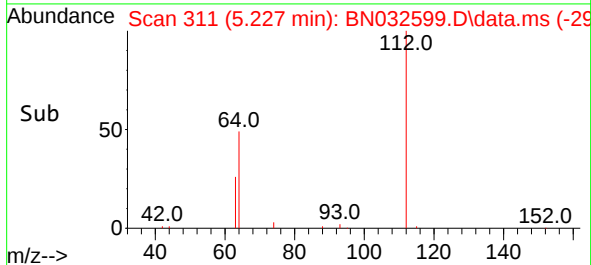
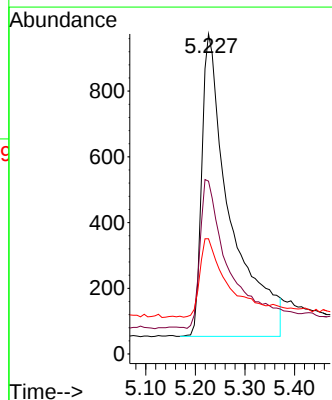
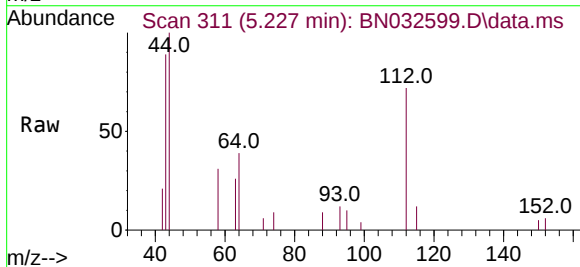
Instrument :
 BNA_N
 ClientSampleId :
 PB161970BL

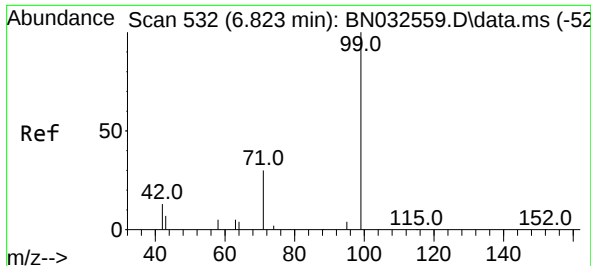
Tgt Ion:152 Resp: 3082
 Ion Ratio Lower Upper
 152 100
 150 148.0 121.6 182.4
 115 75.2 53.1 79.7



#4
 2-Fluorophenol
 Concen: 0.469 ng
 RT: 5.227 min Scan# 311
 Delta R.T. 0.014 min
 Lab File: BN032599.D
 Acq: 09 Jul 2024 22:36

Tgt Ion:112 Resp: 3656
 Ion Ratio Lower Upper
 112 100
 64 51.0 41.2 61.8
 63 25.4 21.6 32.4





#5

Phenol-d6

Concen: 0.216 ng

RT: 6.953 min Scan# 51

Delta R.T. 0.130 min

Lab File: BN032599.D

Acq: 09 Jul 2024 22:36

Instrument :

BNA_N

ClientSampleId :

PB161970BL

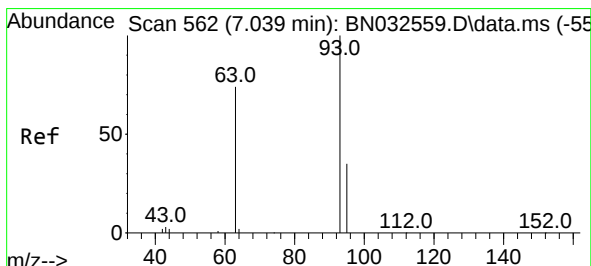
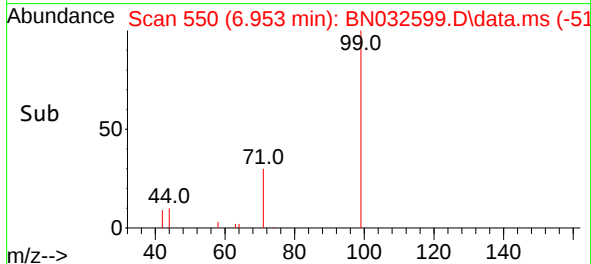
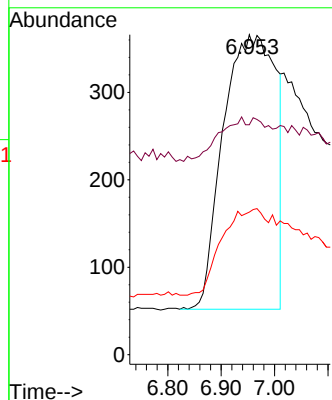
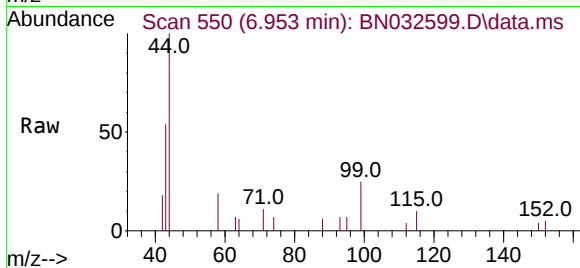
Tgt Ion: 99 Resp: 2146

Ion Ratio Lower Upper

99 100

42 0.0 10.6 16.0#

71 26.4 25.2 37.8



#6

bis(2-Chloroethyl)ether

Concen: 0.087 ng

RT: 7.068 min Scan# 566

Delta R.T. 0.029 min

Lab File: BN032599.D

Acq: 09 Jul 2024 22:36

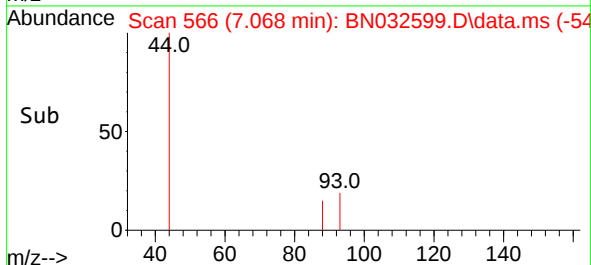
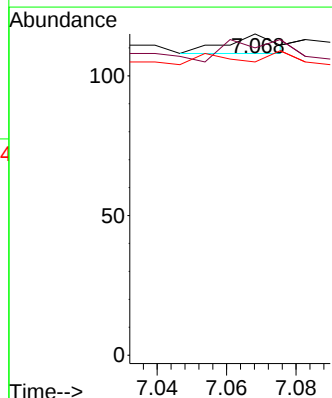
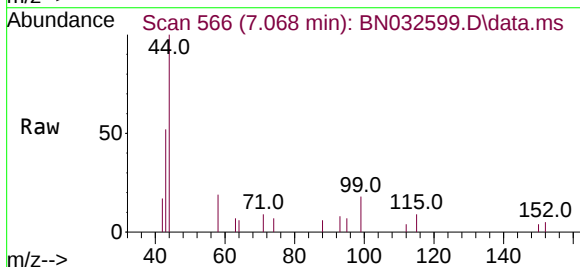
Tgt Ion: 93 Resp: 7

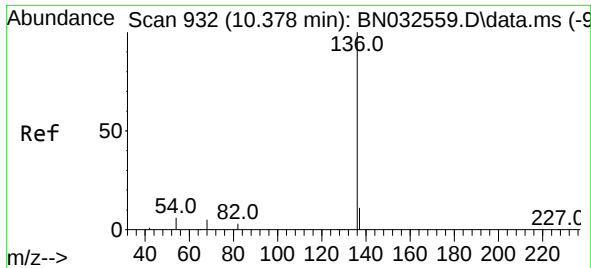
Ion Ratio Lower Upper

93 100

63 157.1 54.1 81.1#

95 142.9 30.5 45.7#

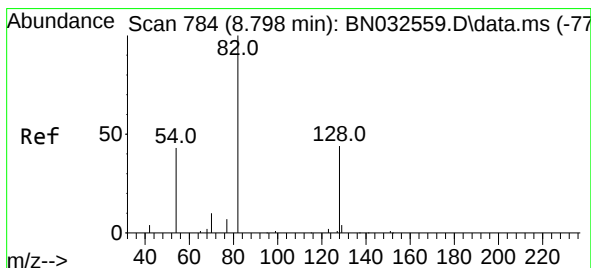
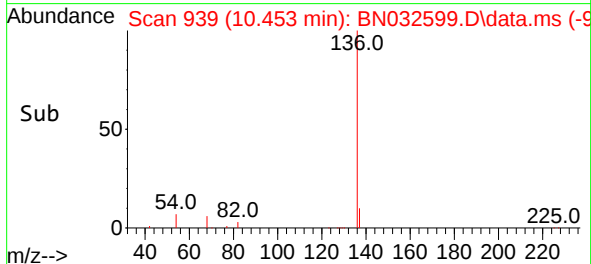
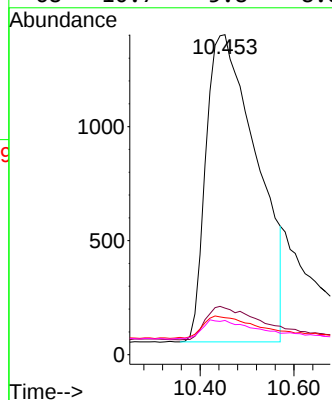
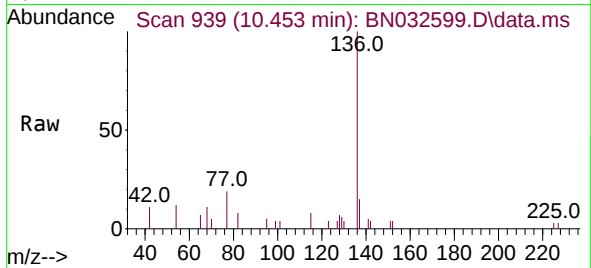




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 91
Delta R.T. 0.075 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

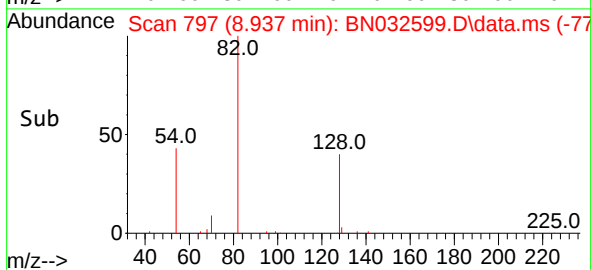
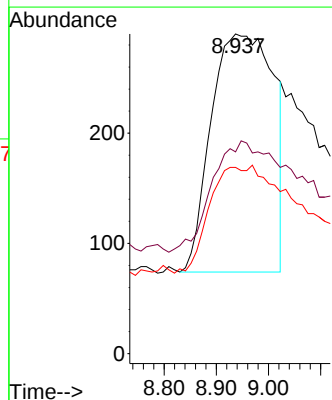
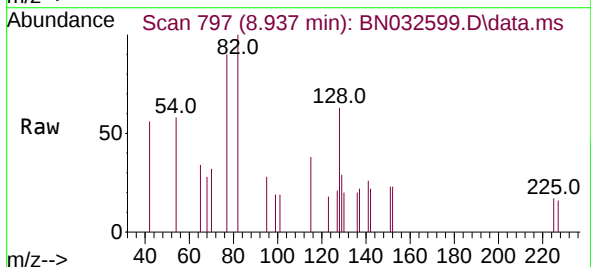
Instrument :
BNA_N
ClientSampleId :
PB161970BL

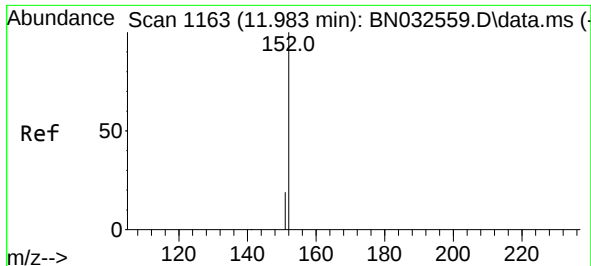
Tgt Ion:136	Resp:	10137
Ion Ratio	Lower	Upper
136	100	
137	14.5	10.0 15.0
54	11.5	6.6 9.8#
68	10.7	5.8 8.8#



#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.937 min Scan# 797
Delta R.T. 0.139 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

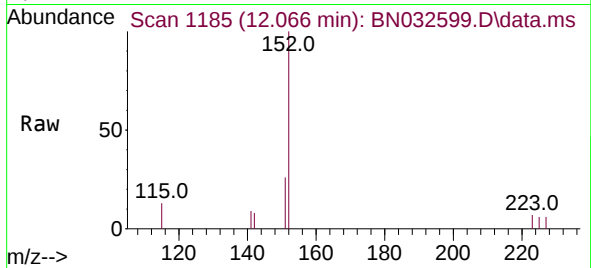
Tgt Ion: 82	Resp:	1795
Ion Ratio	Lower	Upper
82	100	
128	63.1	43.4 65.2
54	58.3	40.2 60.2



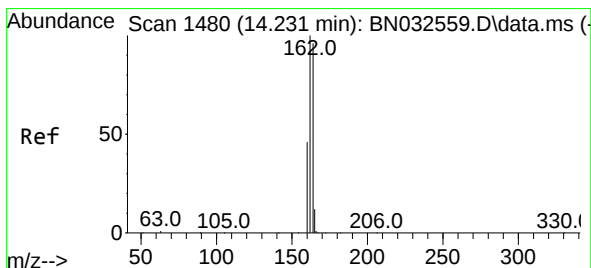
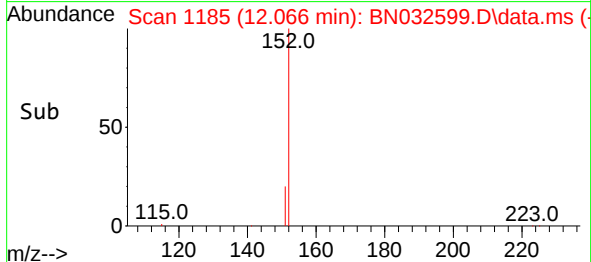
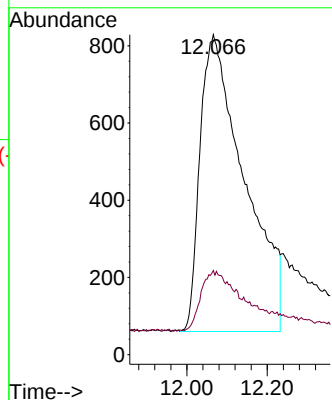


#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.066 min Scan# 1163
Delta R.T. 0.083 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

Instrument :
BNA_N
ClientSampleId :
PB161970BL

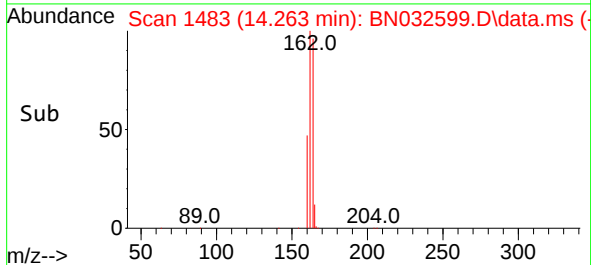
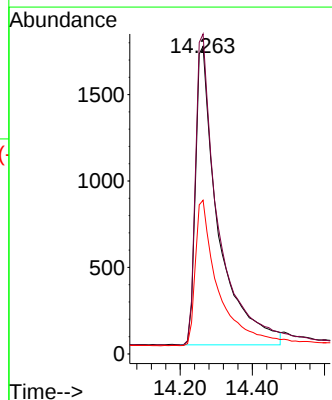
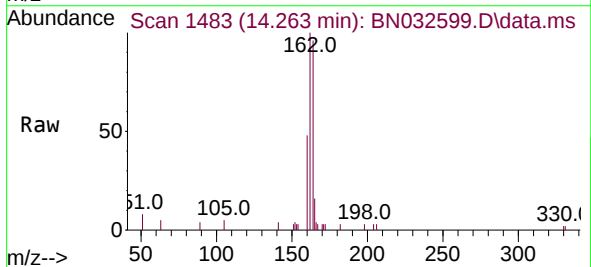


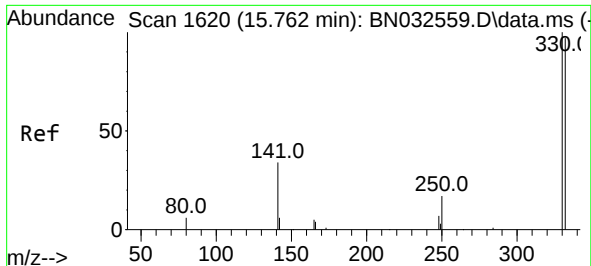
Tgt Ion:152 Resp: 5890
Ion Ratio Lower Upper
152 100
151 16.5 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.263 min Scan# 1483
Delta R.T. 0.032 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

Tgt Ion:164 Resp: 7549
Ion Ratio Lower Upper
164 100
162 104.0 83.2 124.8
160 49.9 38.6 57.8

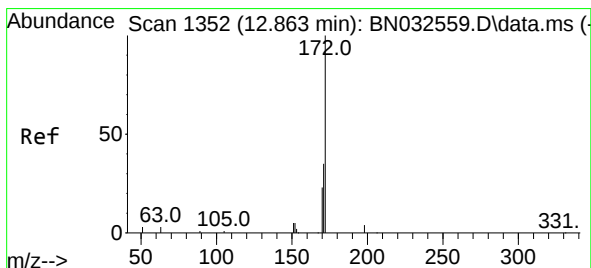
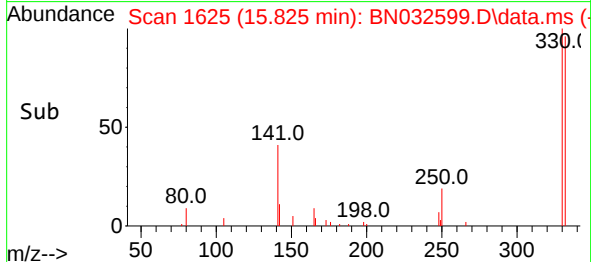
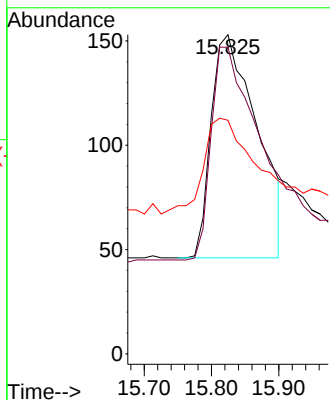
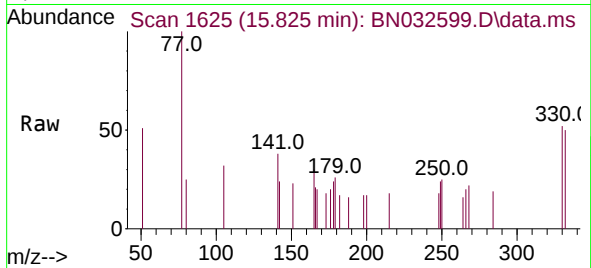




#14
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 15.825 min Scan# 1625
Delta R.T. 0.062 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

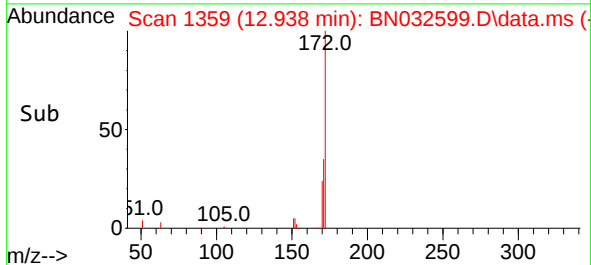
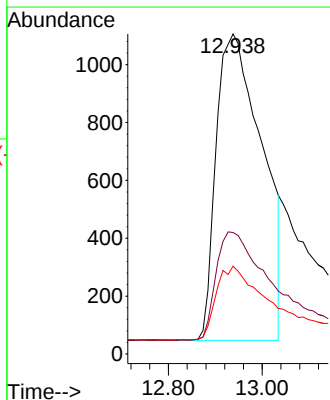
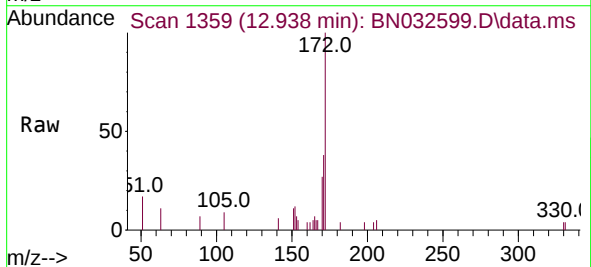
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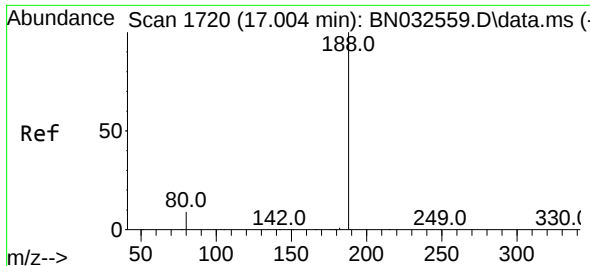
Tgt Ion:330 Resp: 508
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 46.9 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 12.938 min Scan# 1359
Delta R.T. 0.075 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

Tgt Ion:172 Resp: 7187
Ion Ratio Lower Upper
172 100
171 38.0 28.5 42.7
170 27.5 19.2 28.8

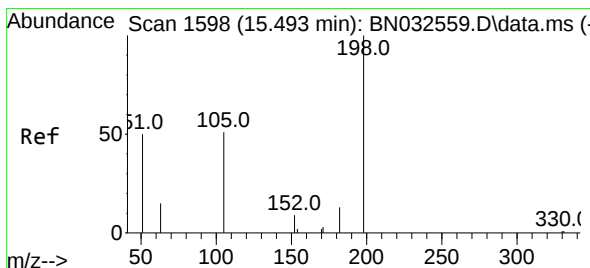
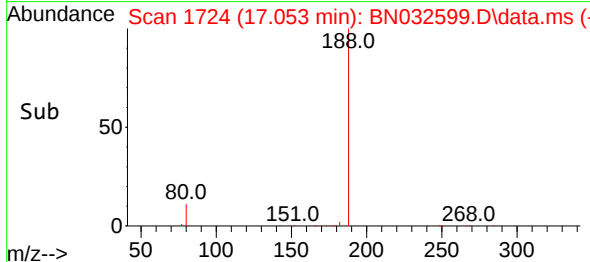
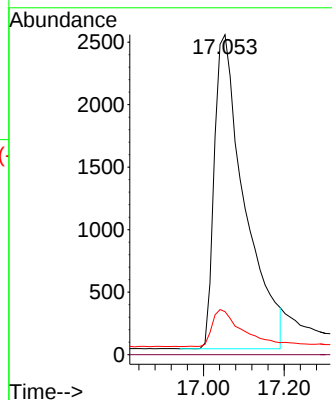
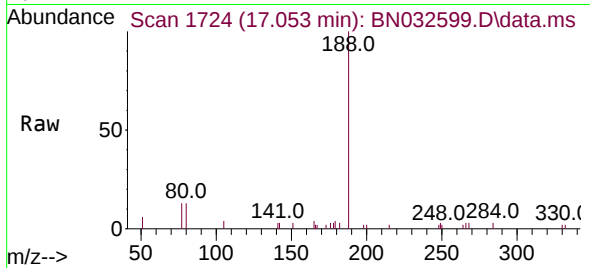




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.053 min Scan# 11
Delta R.T. 0.050 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

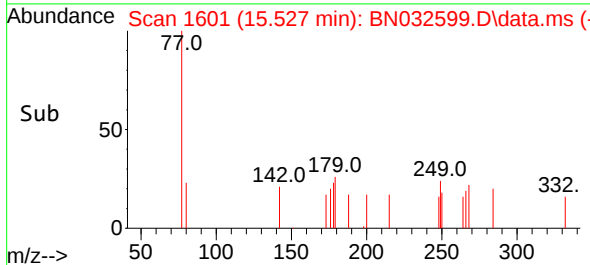
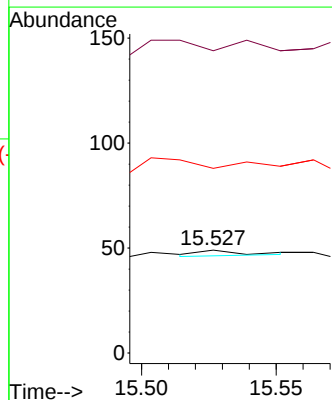
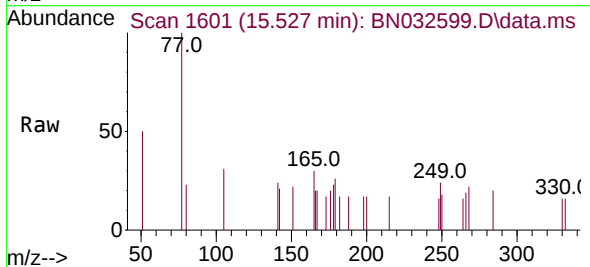
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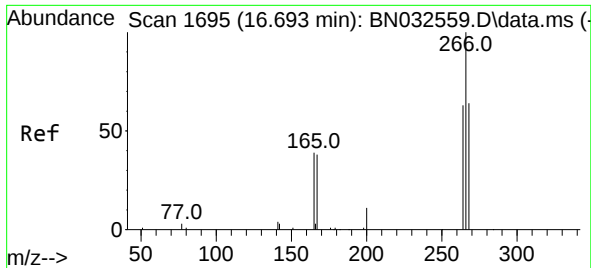
Tgt Ion:188 Resp: 13070
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 7.8 11.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.527 min Scan# 1601
Delta R.T. 0.034 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 293.9 123.4 185.2#
105 179.6 79.5 119.3#

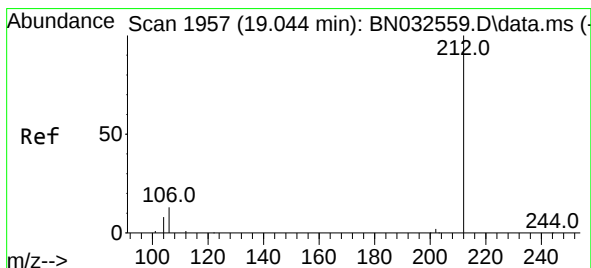
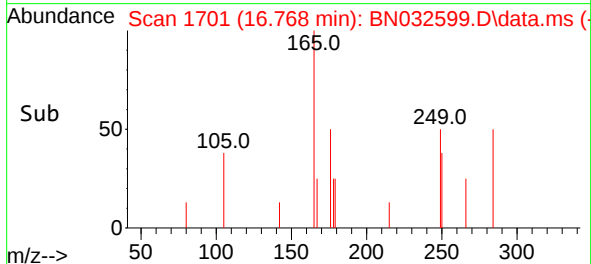
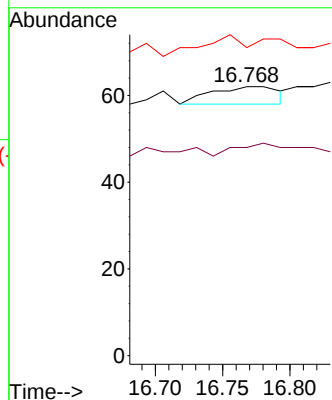
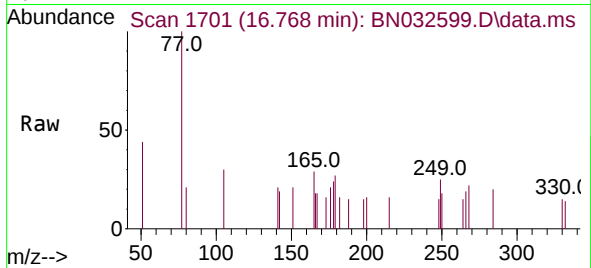




#24
 Pentachlorophenol
 Concen: 0.172 ng
 RT: 16.768 min Scan# 11
 Delta R.T. 0.075 min
 Lab File: BN032599.D
 Acq: 09 Jul 2024 22:36

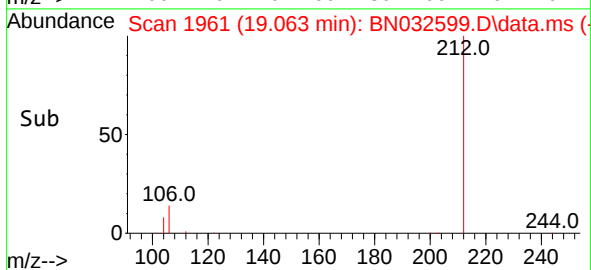
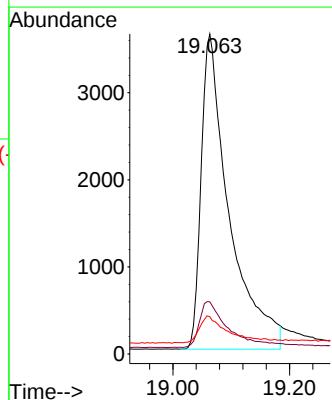
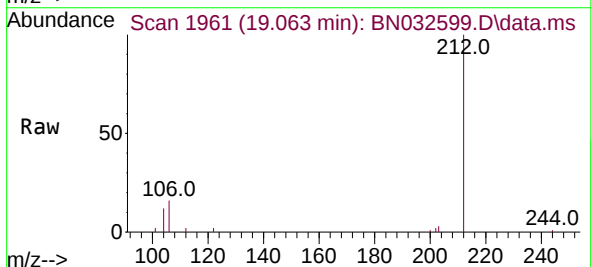
Instrument :
 BNA_N
 ClientSampleId :
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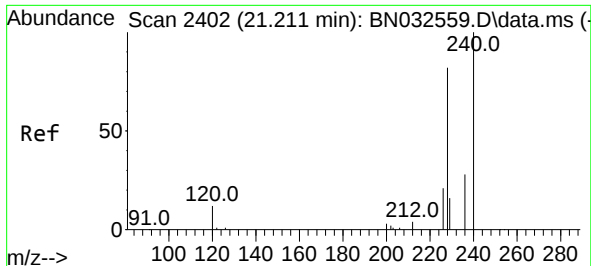
Tgt Ion:266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 264 71.4 49.6 74.4
 268 0.0 52.2 78.2#



#27
 Fluoranthene-d10
 Concen: 0.353 ng
 RT: 19.063 min Scan# 1961
 Delta R.T. 0.019 min
 Lab File: BN032599.D
 Acq: 09 Jul 2024 22:36

Tgt Ion:212 Resp: 12036
 Ion Ratio Lower Upper
 212 100
 106 15.1 11.8 17.8
 104 8.3 6.9 10.3

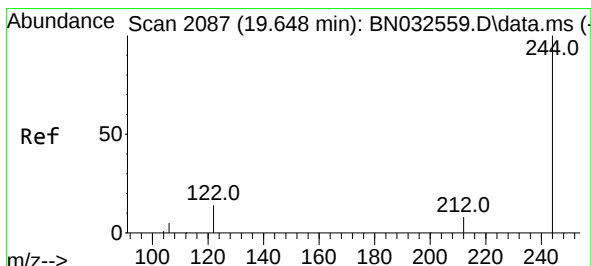
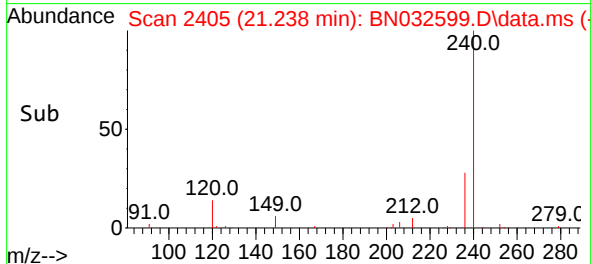
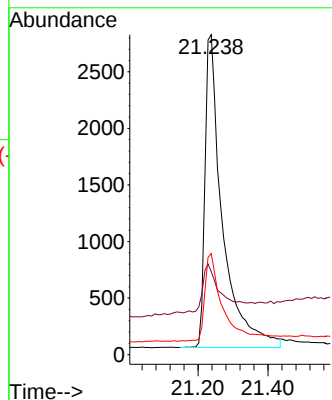
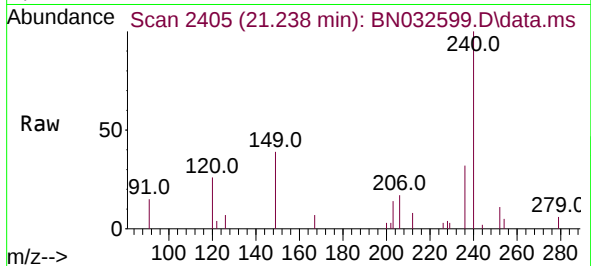




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2405
Delta R.T. 0.027 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

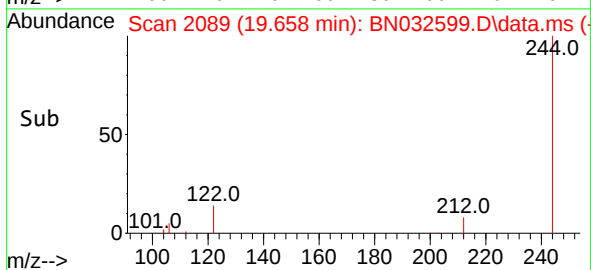
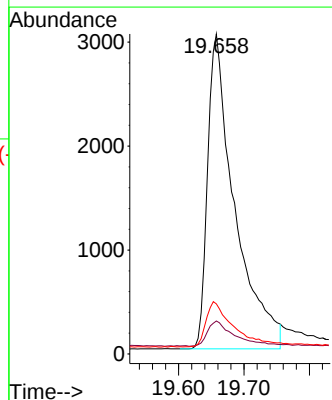
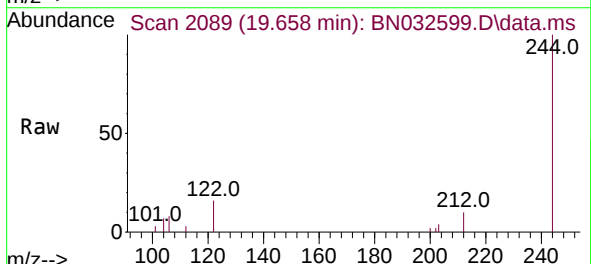
Instrument :
BNA_N
ClientSampleId :
PB161970BL

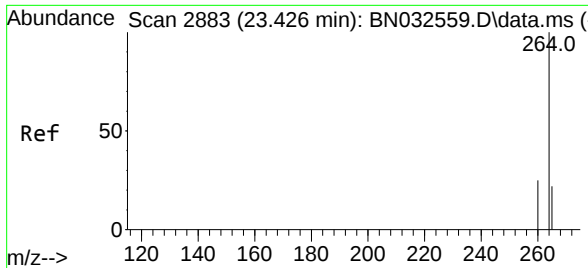
Tgt Ion:240 Resp: 9559
Ion Ratio Lower Upper
240 100
120 26.0 13.0 19.4#
236 31.6 23.1 34.7



#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.658 min Scan# 2089
Delta R.T. 0.009 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

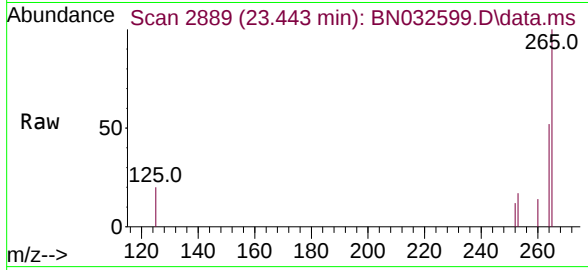
Tgt Ion:244 Resp: 8714
Ion Ratio Lower Upper
244 100
212 10.3 7.2 10.8
122 15.7 12.1 18.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.443 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN032599.D
 Acq: 09 Jul 2024 22:36

Instrument :
 BNA_N
 ClientSampleId :
 PB161970BL



Tgt Ion:264 Resp: 10061

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.0	31.6
265	191.5	76.6	115.0

