

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029983.D
 Acq On : 24 Feb 2024 08:17
 Operator : MA/JU
 Sample : P1507-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240215

Quant Time: Feb 26 02:14:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

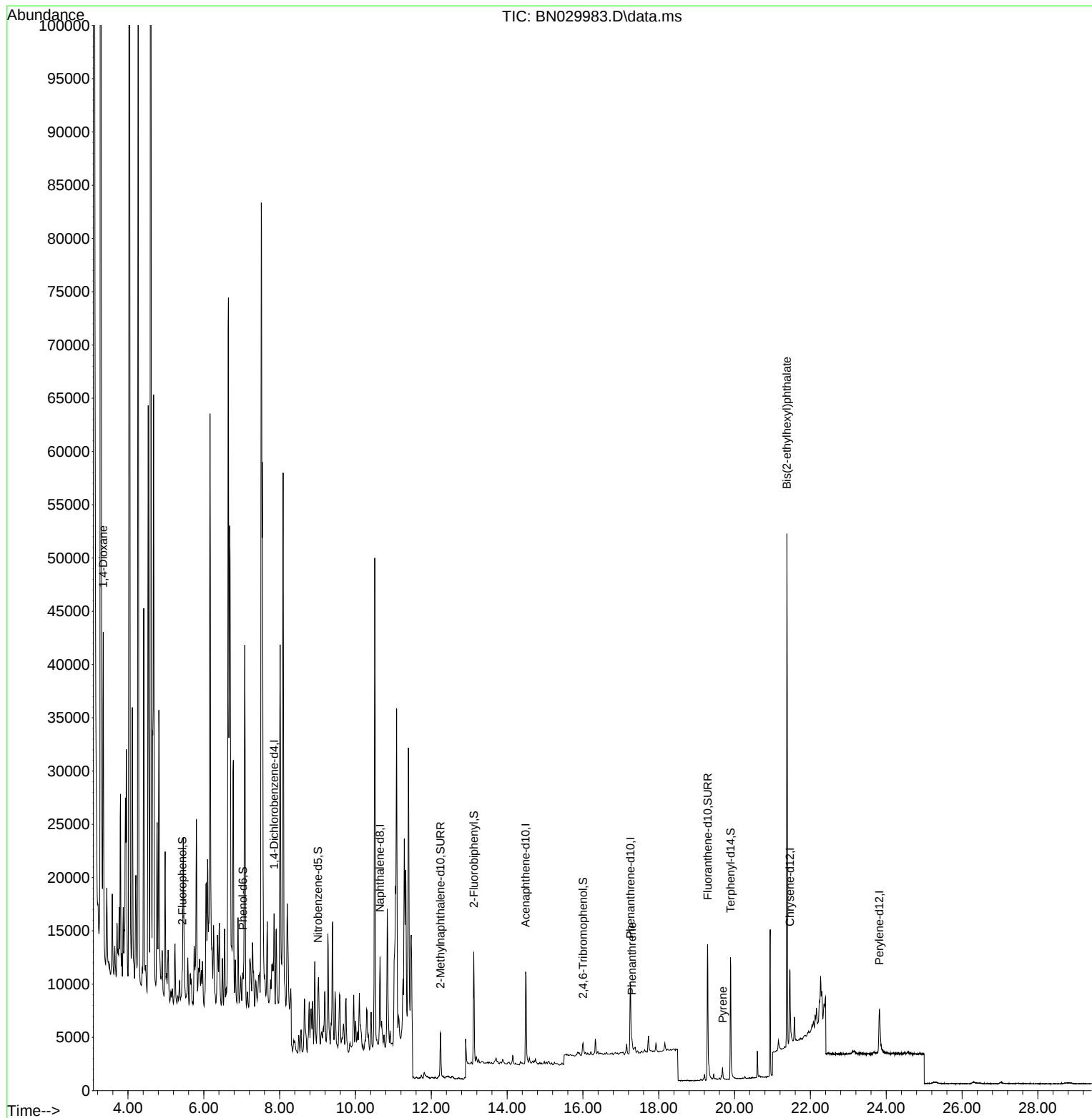
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4462	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	11700	0.400	ng	#-0.02
13) Acenaphthene-d10	14.490	164	6073	0.400	ng	-0.02
19) Phenanthrene-d10	17.256	188	12662	0.400	ng	0.00
29) Chrysene-d12	21.461	240	9742	0.400	ng	# 0.00
35) Perylene-d12	23.822	264	8181	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1568	0.146	ng	0.00
5) Phenol-d6	7.031	99	2210	0.179	ng	0.00
8) Nitrobenzene-d5	9.014	82	4313	0.443	ng	-0.02
11) 2-Methylnaphthalene-d10	12.242	152	6210	0.390	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	737	0.378	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	9519	0.365	ng	-0.01
27) Fluoranthene-d10	19.290	212	16646	0.543	ng	0.00
31) Terphenyl-d14	19.894	244	12984	0.537	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	16733	2.664	ng	# 90
25) Phenanthrene	17.293	178	976	0.026	ng	94
30) Pyrene	19.684	202	1059	0.024	ng	94
34) Bis(2-ethylhexyl)phtha...	21.380	149	43728	1.928	ng	99

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

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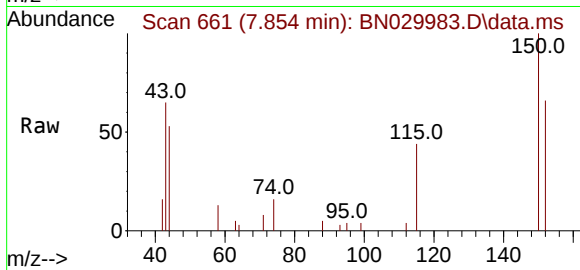
Quant Time: Feb 26 02:14:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
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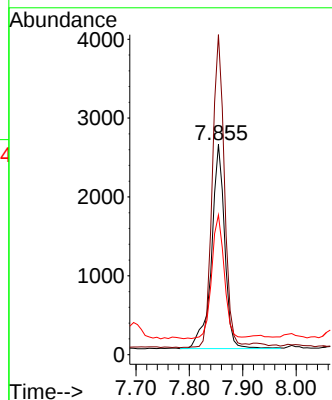
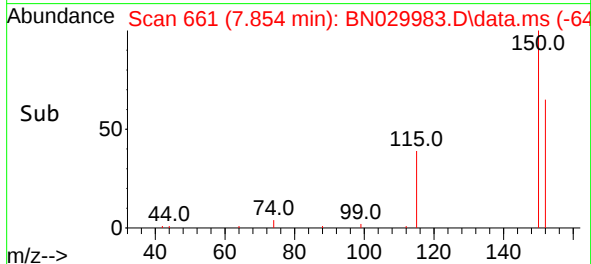


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240215

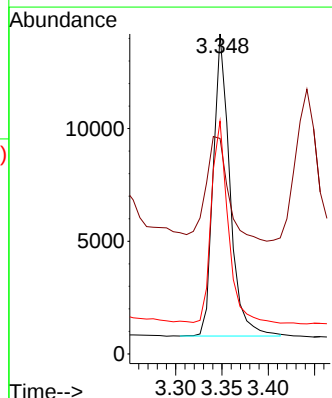
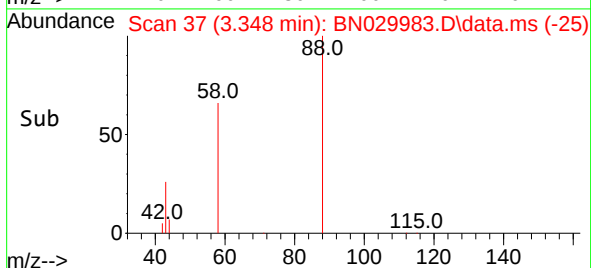
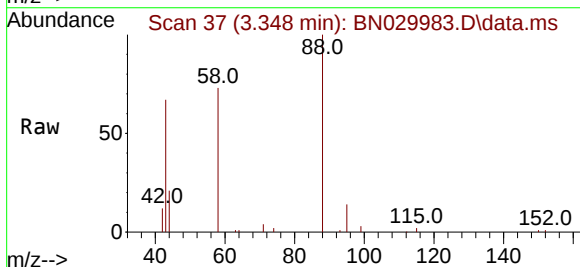


Tgt Ion:152 Resp: 4462
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.0 184.4
 115 66.5 51.4 77.0



#2
 1,4-Dioxane
 Concen: 2.664 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.014 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17

Tgt Ion: 88 Resp: 16733
 Ion Ratio Lower Upper
 88 100
 43 46.0 23.3 34.9#
 58 67.8 53.8 80.6

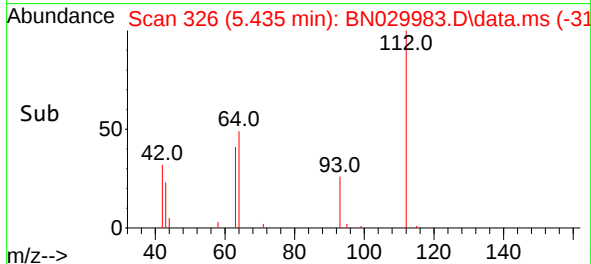
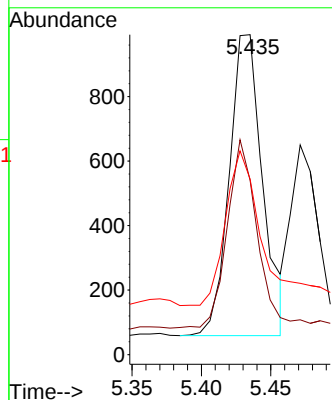
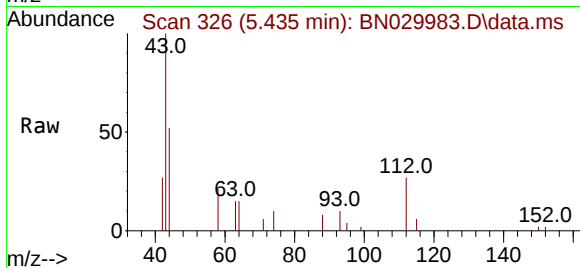




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.435 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

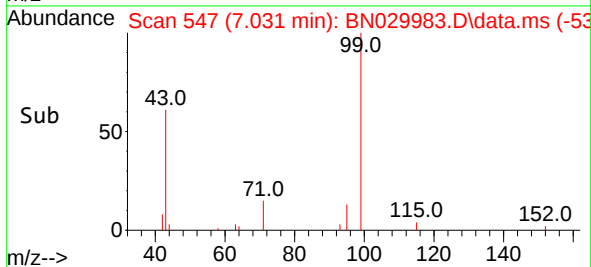
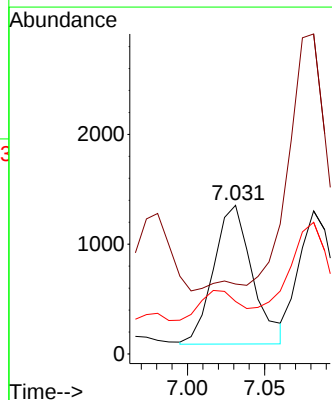
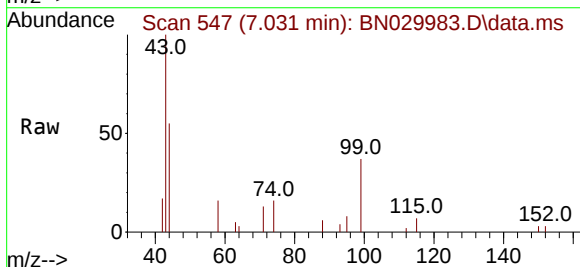
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240215

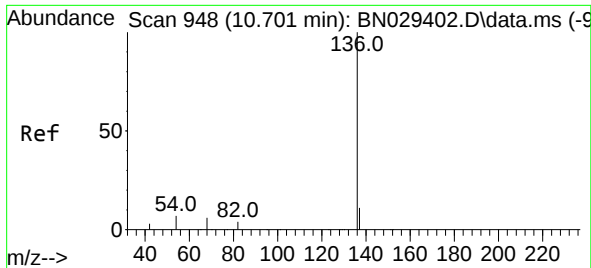
Tgt Ion:112 Resp: 1568
Ion Ratio Lower Upper
112 100
64 58.0 47.2 70.8
63 61.1 25.8 38.6#



#5
Phenol-d6
Concen: 0.179 ng
RT: 7.031 min Scan# 547
Delta R.T. -0.007 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion: 99 Resp: 2210
Ion Ratio Lower Upper
99 100
42 8.4 16.9 25.3#
71 26.8 30.0 45.0#

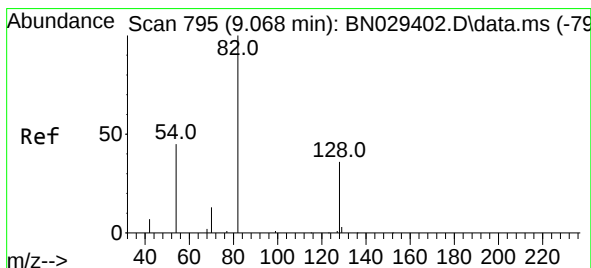
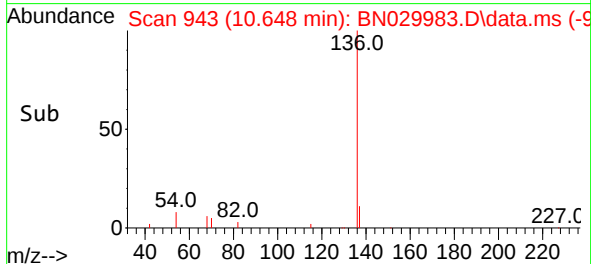
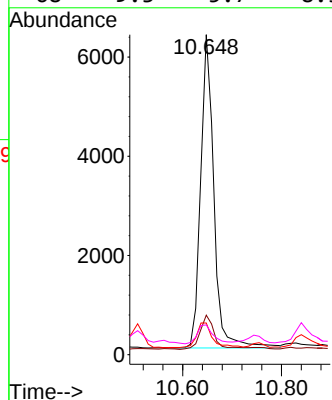
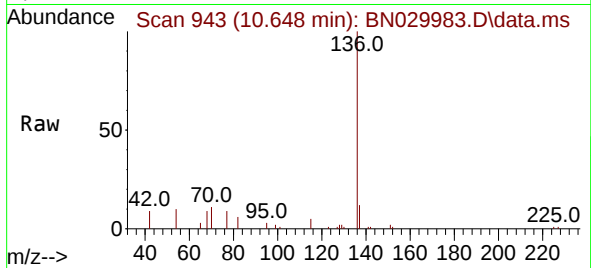




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

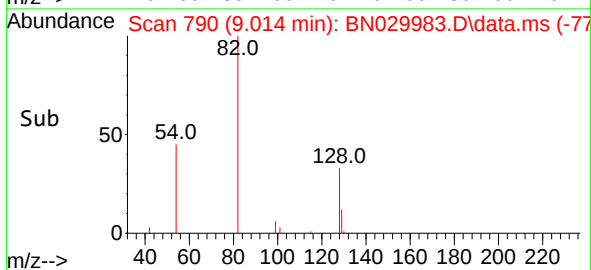
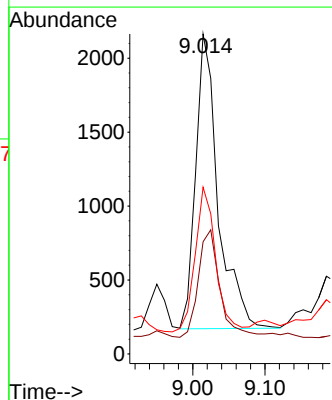
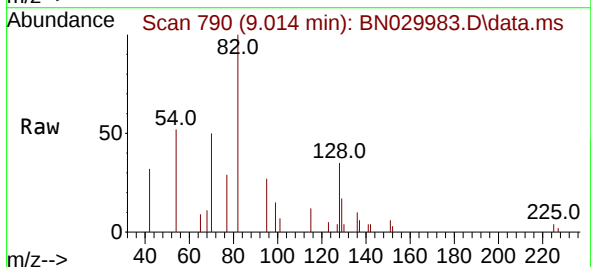
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240215

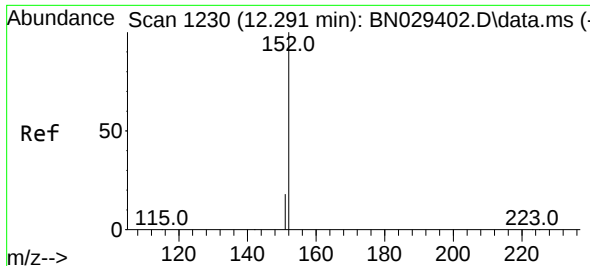
Tgt Ion:	136	Resp:	11700
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	9.9	6.6	10.0
68	9.3	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.443 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.021 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion:	82	Resp:	4313
Ion	Ratio	Lower	Upper
82	100		
128	35.1	31.6	47.4
54	52.1	38.2	57.4

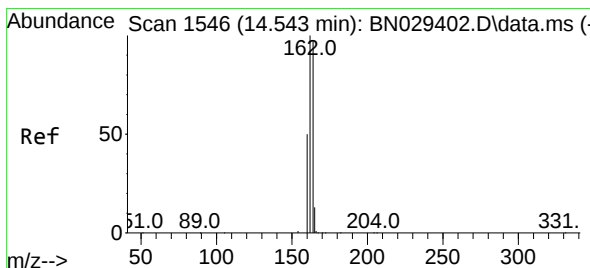
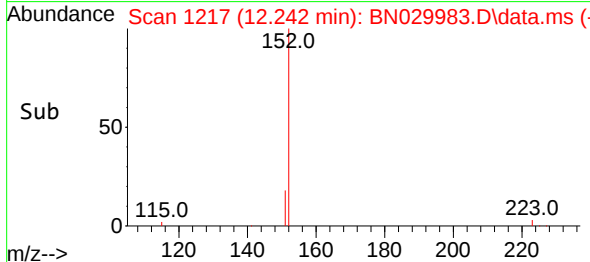
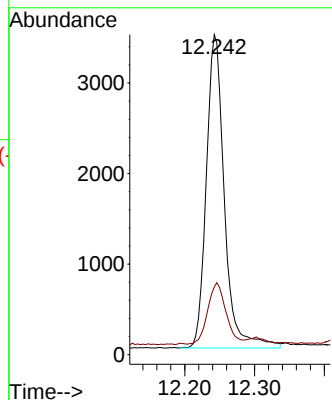
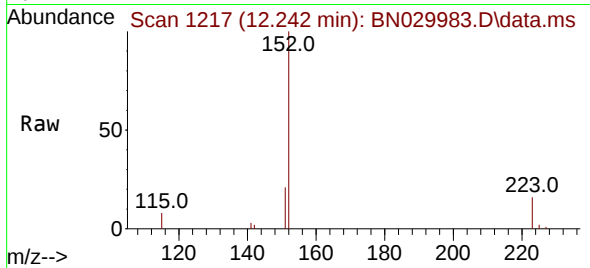




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.242 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

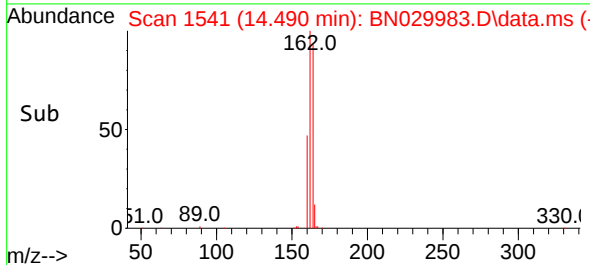
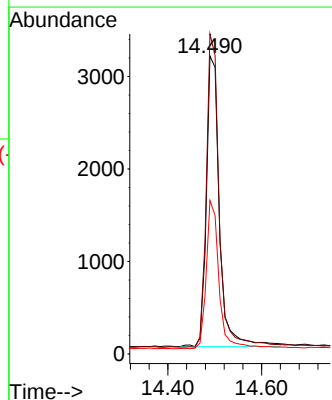
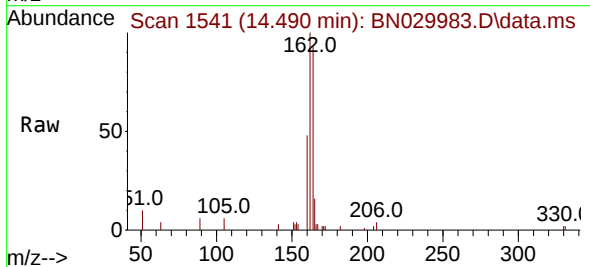
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240215

Tgt Ion:152 Resp: 6210
Ion Ratio Lower Upper
152 100
151 19.8 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.490 min Scan# 1541
Delta R.T. -0.021 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion:164 Resp: 6073
Ion Ratio Lower Upper
164 100
162 107.4 82.6 123.8
160 51.5 41.5 62.3

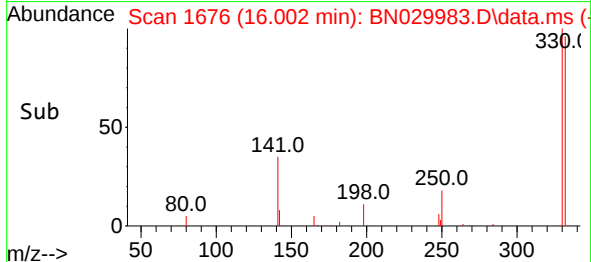
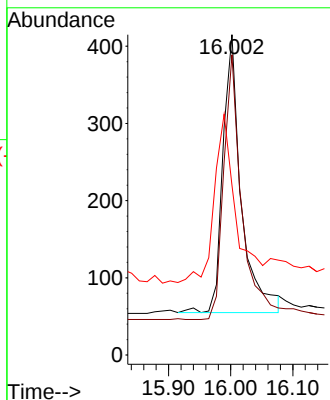
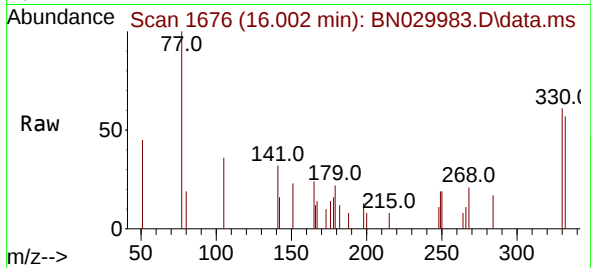




#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

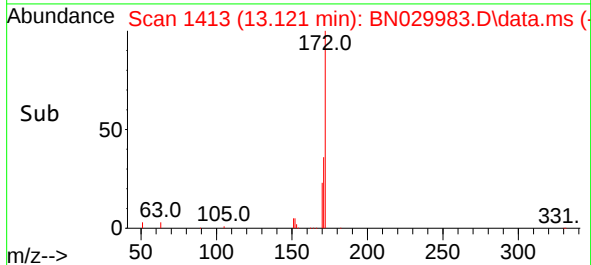
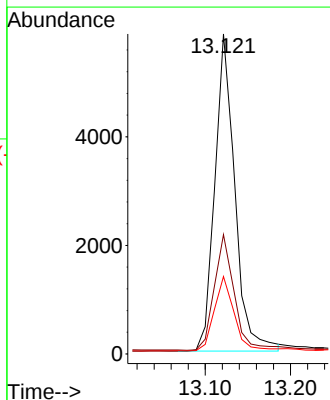
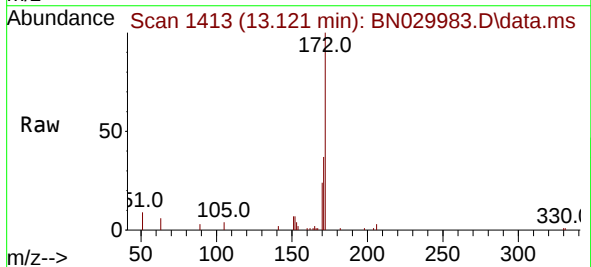
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RE126D2-20240215

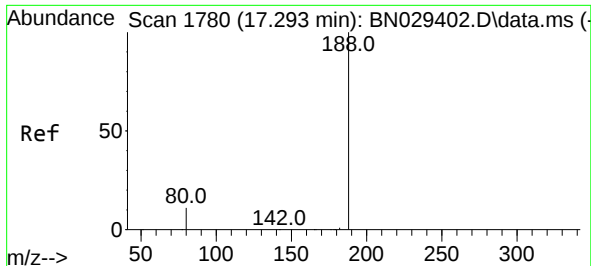
Tgt Ion:330 Resp: 737
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 69.7 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion:172 Resp: 9519
Ion Ratio Lower Upper
172 100
171 37.3 28.0 42.0
170 24.2 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.256 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029983.D

Acq: 24 Feb 2024 08:17

Instrument :

BNA_N

ClientSampleId :

RE126D2-20240215

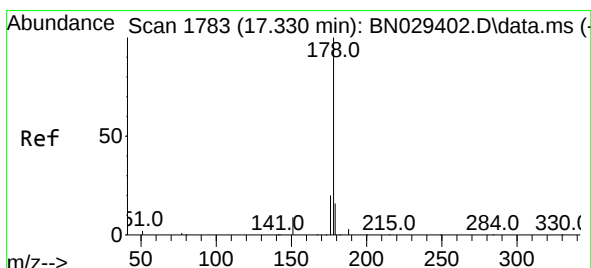
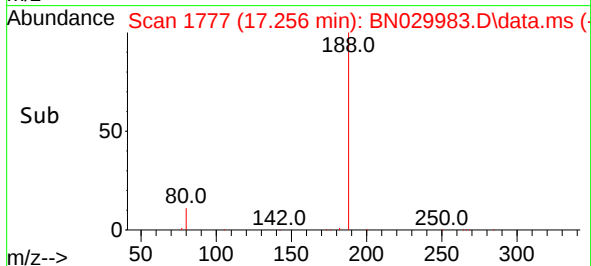
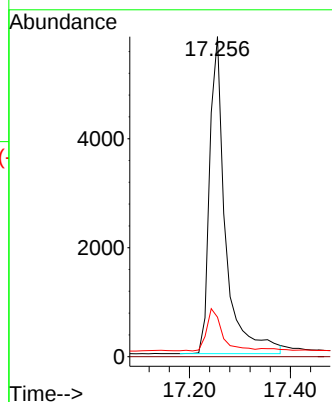
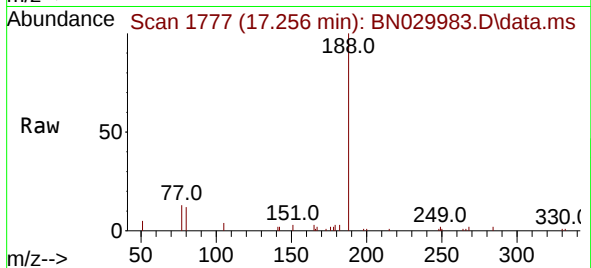
Tgt Ion:188 Resp: 12662

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 10.0 15.0



#25

Phenanthrene

Concen: 0.026 ng

RT: 17.293 min Scan# 1780

Delta R.T. -0.012 min

Lab File: BN029983.D

Acq: 24 Feb 2024 08:17

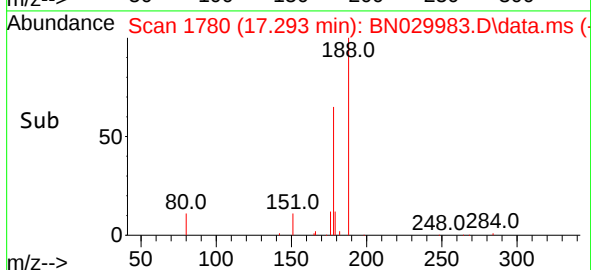
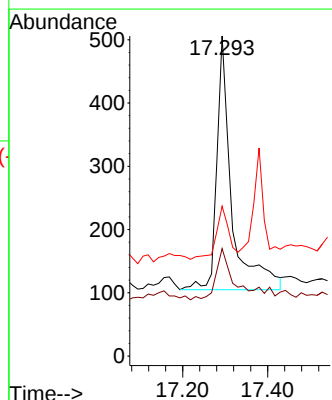
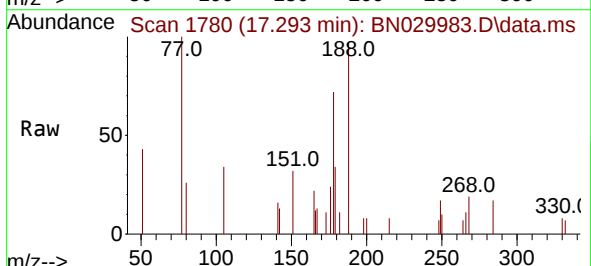
Tgt Ion:178 Resp: 976

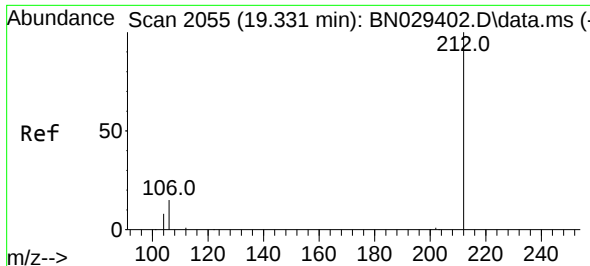
Ion Ratio Lower Upper

178 100

176 22.8 15.8 23.6

179 17.8 12.6 19.0

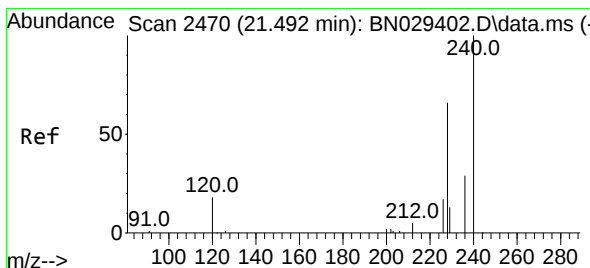
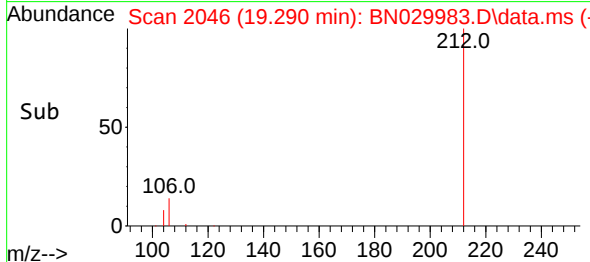
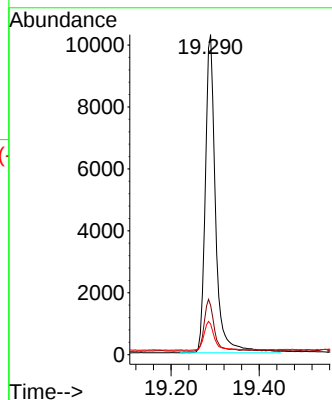
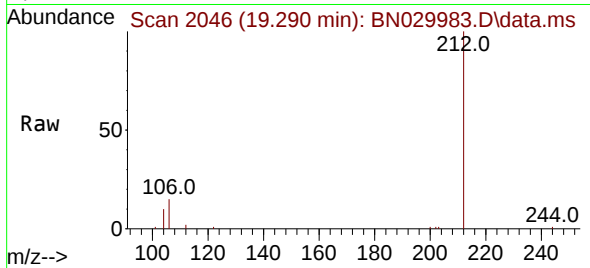




#27
Fluoranthene-d10
Concen: 0.543 ng
RT: 19.290 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

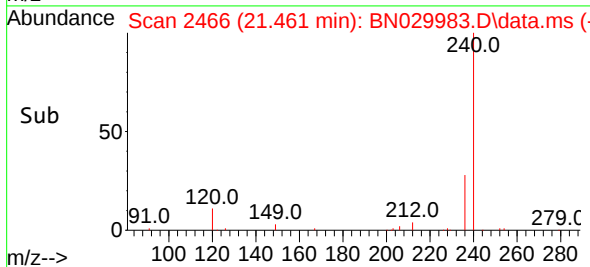
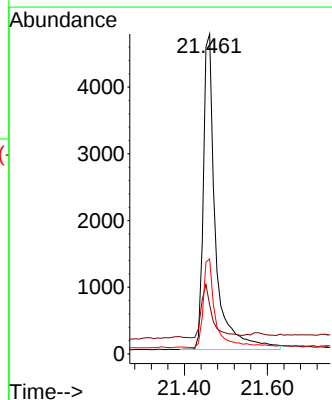
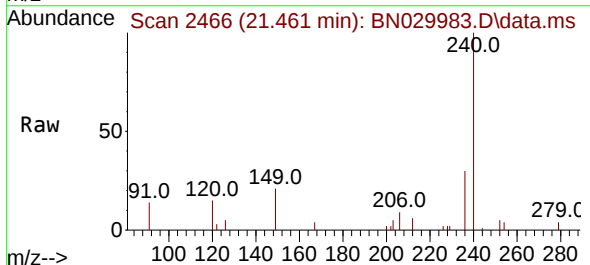
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RE126D2-20240215

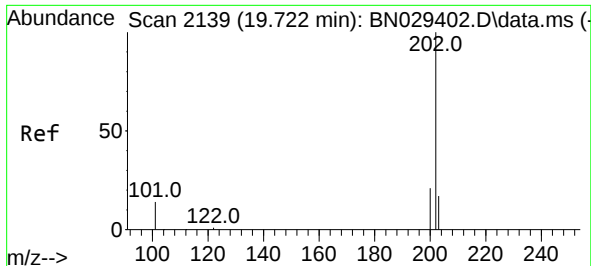
Tgt Ion:212 Resp: 16646
Ion Ratio Lower Upper
212 100
106 15.8 13.2 19.8
104 9.3 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.461 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion:240 Resp: 9742
Ion Ratio Lower Upper
240 100
120 15.4 16.7 25.1#
236 29.7 23.9 35.9

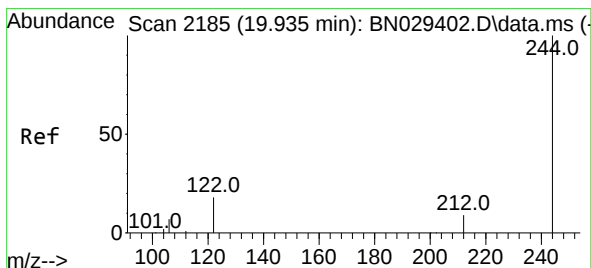
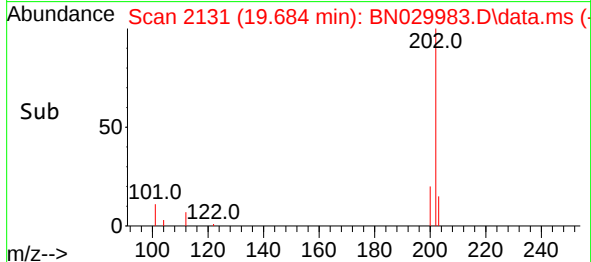
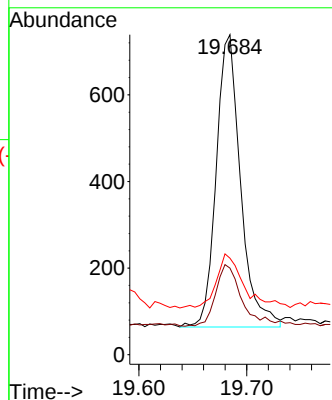
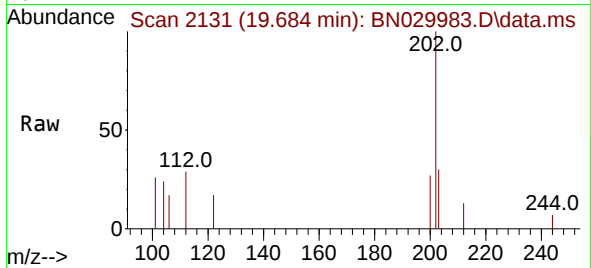




#30
 Pyrene
 Concen: 0.024 ng
 RT: 19.684 min Scan# 2131
 Delta R.T. -0.005 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17

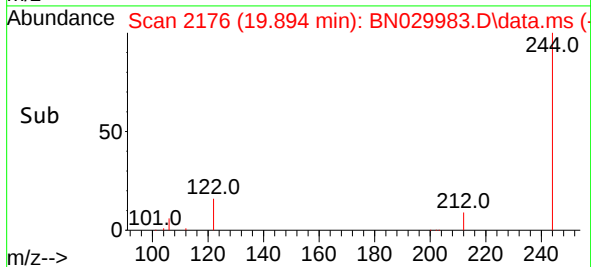
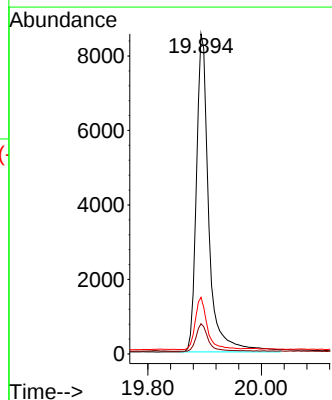
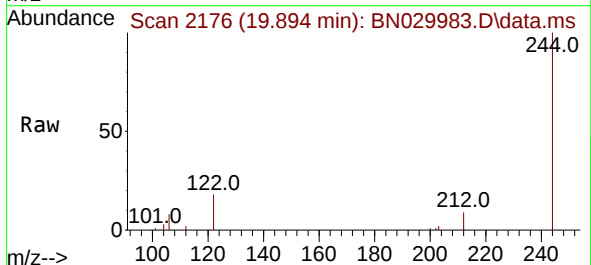
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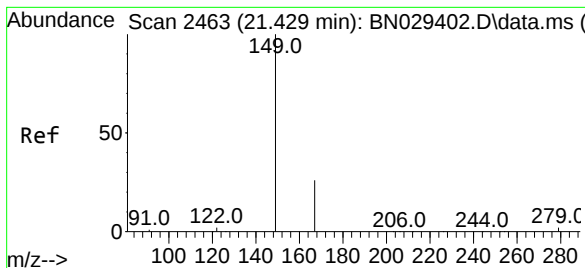
Tgt Ion:202 Resp: 1059
 Ion Ratio Lower Upper
 202 100
 200 23.1 16.6 25.0
 203 20.8 14.2 21.4



#31
 Terphenyl-d14
 Concen: 0.537 ng
 RT: 19.894 min Scan# 2176
 Delta R.T. -0.014 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17

Tgt Ion:244 Resp: 12984
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.2 12.4
 122 17.7 15.6 23.4

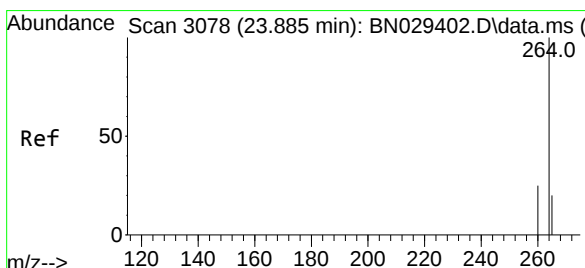
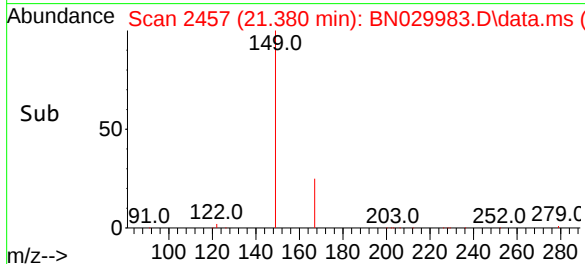
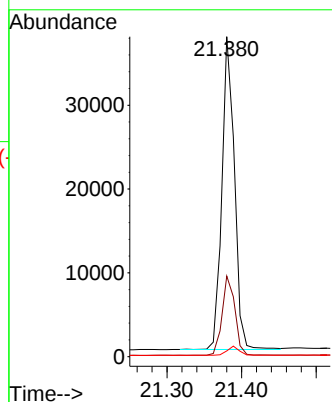
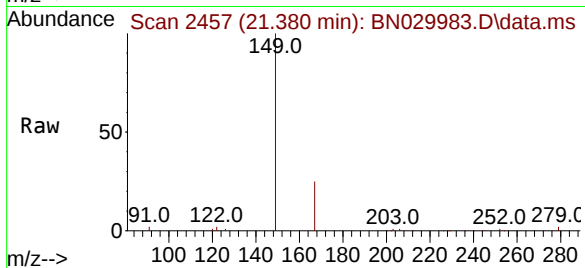




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.928 ng
 RT: 21.380 min Scan# 2463
 Delta R.T. -0.013 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240215

Tgt Ion:149 Resp: 43728
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.1 30.1
 279 2.9 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.822 min Scan# 3055
 Delta R.T. -0.010 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17

Tgt Ion:264 Resp: 8181
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.2 31.8
 265 79.5 41.5 62.3#

