

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
 Data File : BN023134.D
 Acq On : 12 Dec 2022 14:18
 Operator : CG/JU
 Sample : N5966-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-113-127-120822-FD

Quant Time: Dec 12 15:51:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

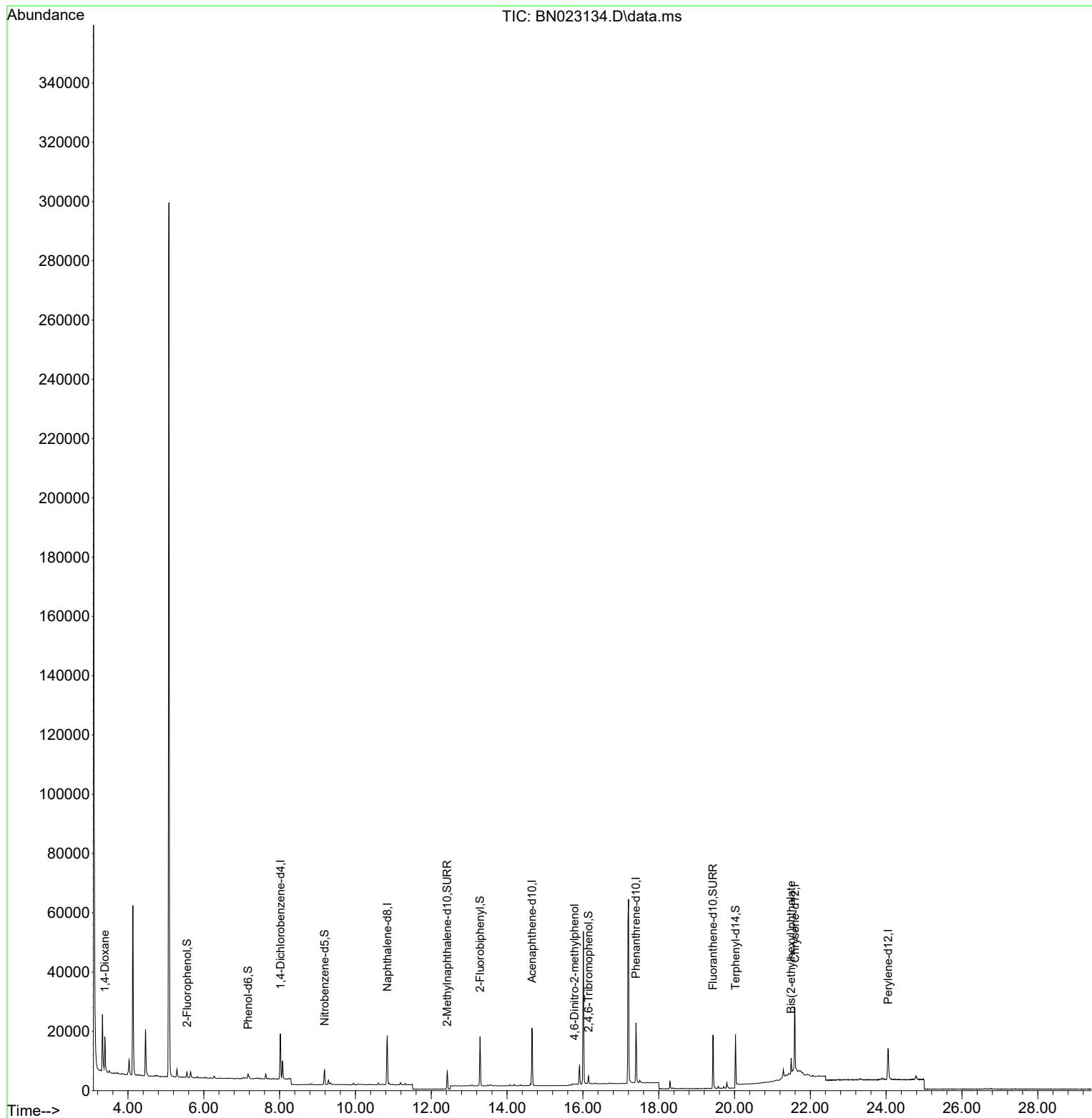
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.021	152	7308	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	21821	0.400	ng	0.00
13) Acenaphthene-d10	14.656	164	11471	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	24972	0.400	ng	# 0.00
29) Chrysene-d12	21.594	240	20915	0.400	ng	0.00
35) Perylene-d12	24.052	264	16086	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.558	112	1559	0.115	ng	0.00
5) Phenol-d6	7.168	99	1238	0.072	ng	0.00
8) Nitrobenzene-d5	9.185	82	4028	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.424	152	7953	0.215	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1284	0.309	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	13224	0.289	ng	0.00
27) Fluoranthene-d10	19.435	212	18943	0.324	ng	0.00
31) Terphenyl-d14	20.026	244	10915	0.321	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.391	88	7605	1.054	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.776	198	11	0.234	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.495	149	5482	0.192	ng	# 94

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

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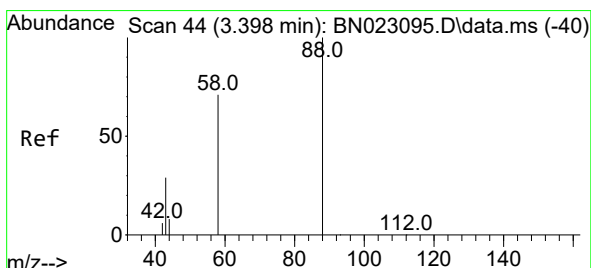
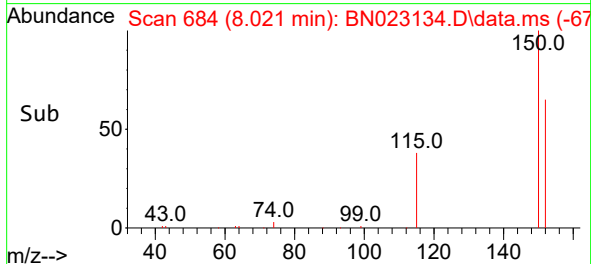
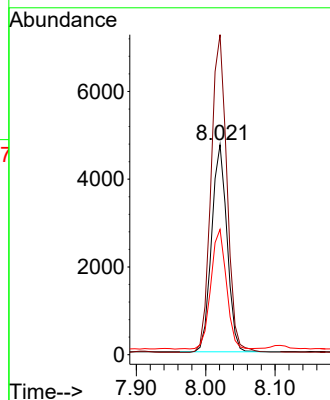
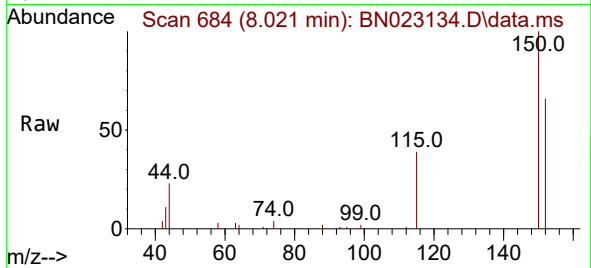




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.021 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023134.D
 Acq: 12 Dec 2022 14:18

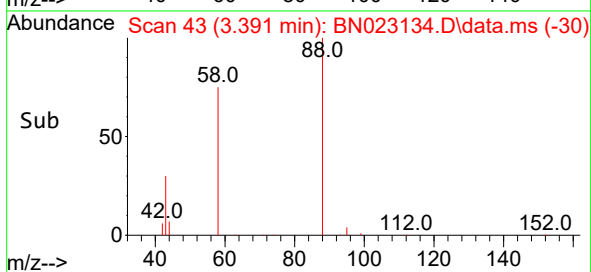
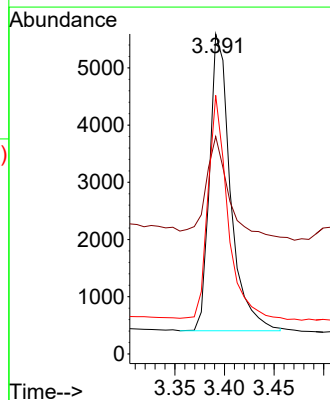
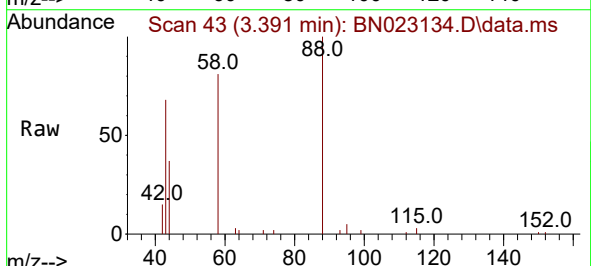
Instrument :
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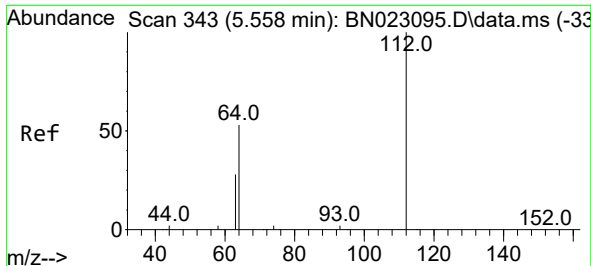
Tgt Ion:152 Resp: 7308
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.6 188.4
 115 59.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 1.054 ng
 RT: 3.391 min Scan# 43
 Delta R.T. -0.007 min
 Lab File: BN023134.D
 Acq: 12 Dec 2022 14:18

Tgt Ion: 88 Resp: 7605
 Ion Ratio Lower Upper
 88 100
 43 35.6 23.3 34.9#
 58 69.7 58.0 87.0

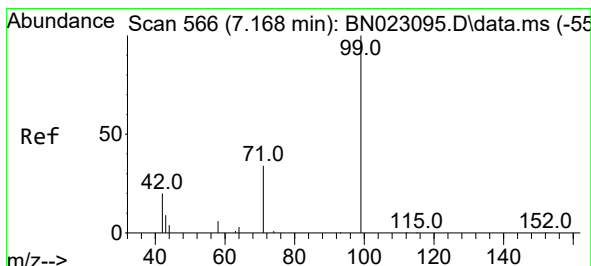
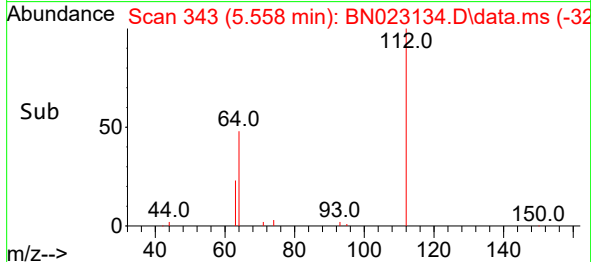
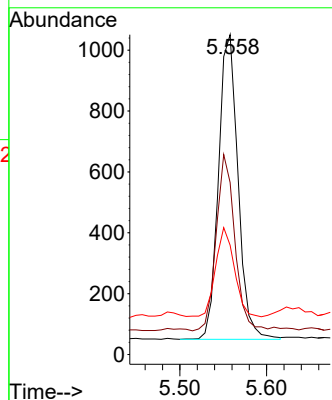
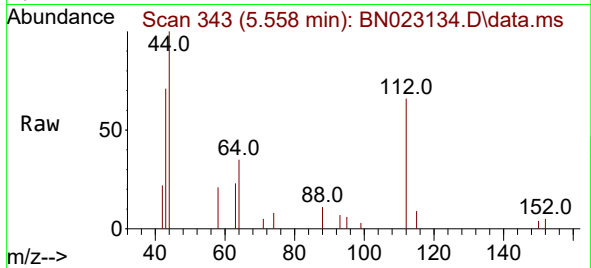




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.558 min Scan# 343
Delta R.T. 0.007 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

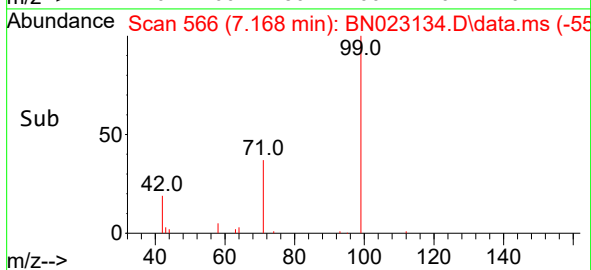
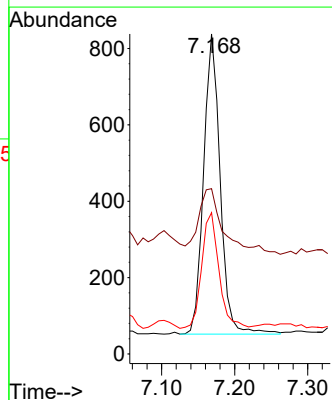
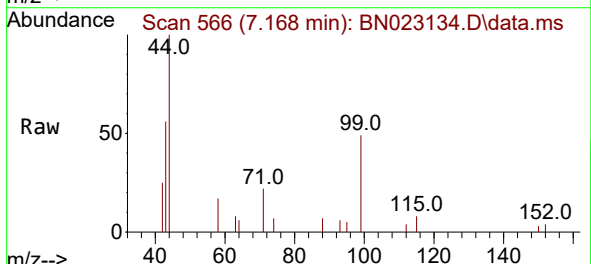
Instrument :
BNA_N
ClientSampleId :
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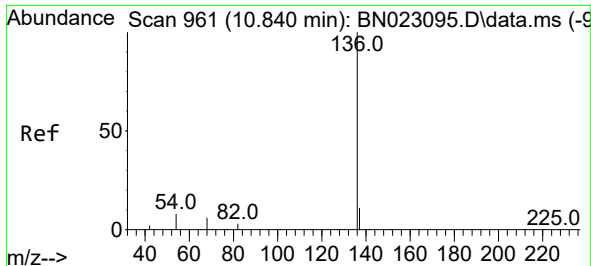
Tgt Ion:112 Resp: 1559
Ion Ratio Lower Upper
112 100
64 55.0 44.4 66.6
63 28.0 23.7 35.5



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

Tgt Ion: 99 Resp: 1238
Ion Ratio Lower Upper
99 100
42 33.3 16.3 24.5#
71 40.2 26.5 39.7#

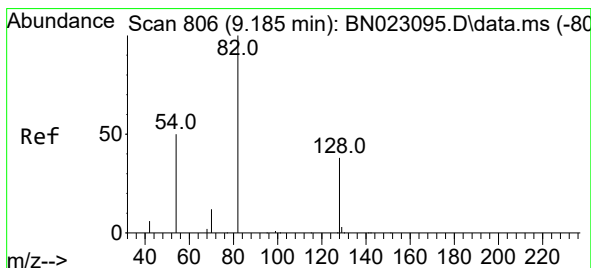
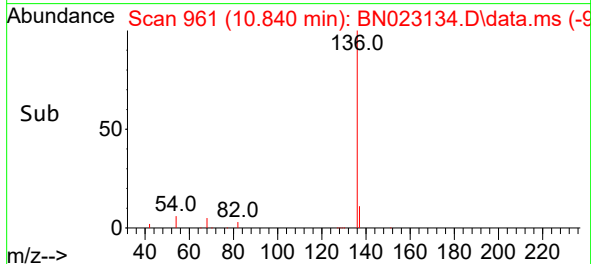
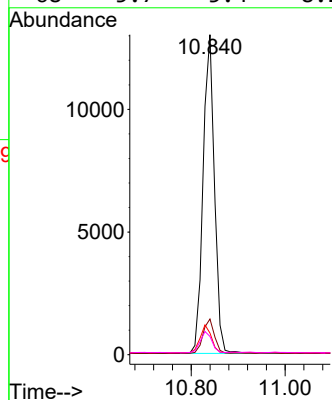
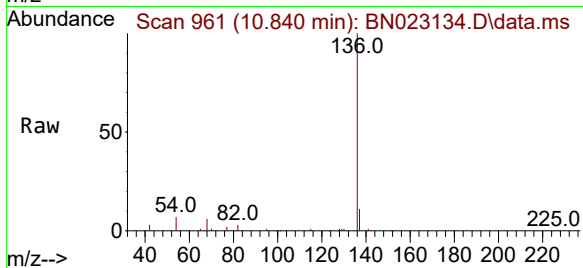




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

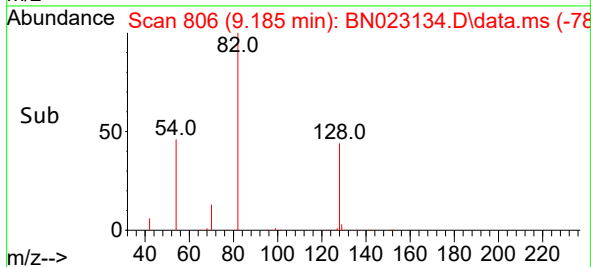
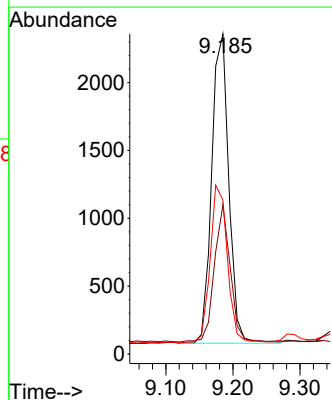
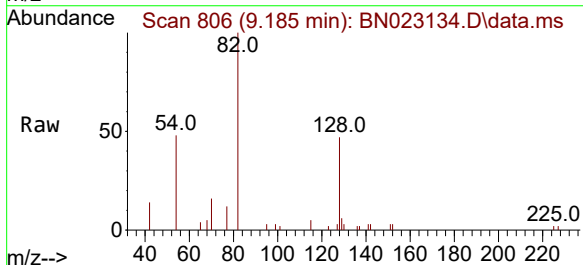
Instrument :
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ClientSampleId :
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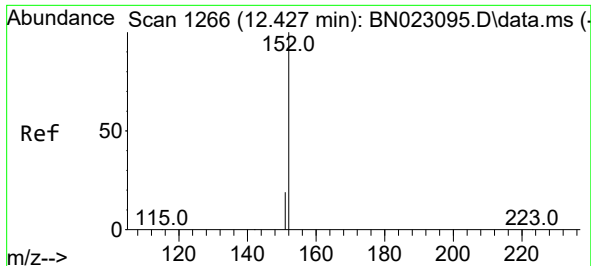
Tgt Ion:	136	Resp:	21821
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	6.8	6.5	9.7
68	5.7	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

Tgt Ion:	82	Resp:	4028
Ion Ratio	Lower	Upper	
82	100		
128	46.5	31.4	47.2
54	48.0	41.0	61.4

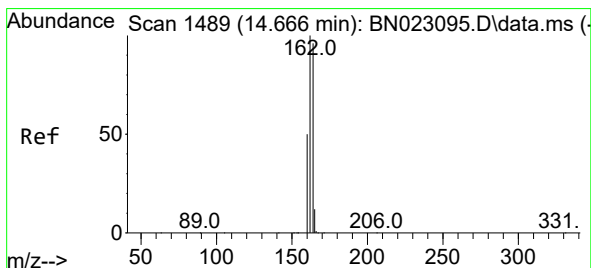
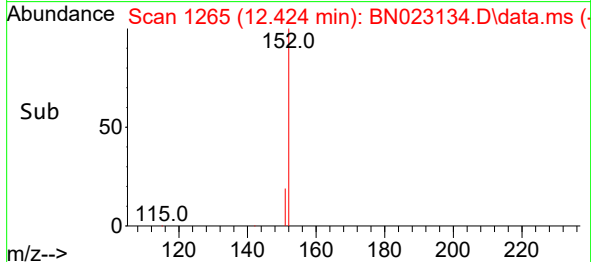
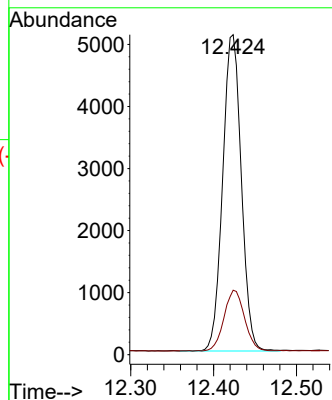
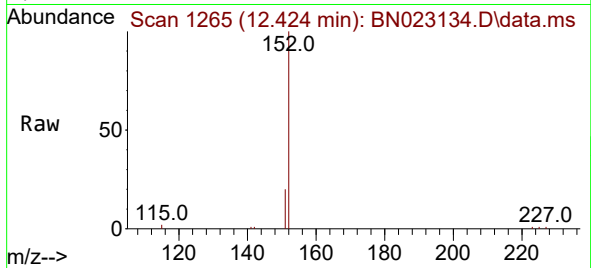




#11
2-Methylnaphthalene-d10
Concen: 0.215 ng
RT: 12.424 min Scan# 1265
Delta R.T. 0.004 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

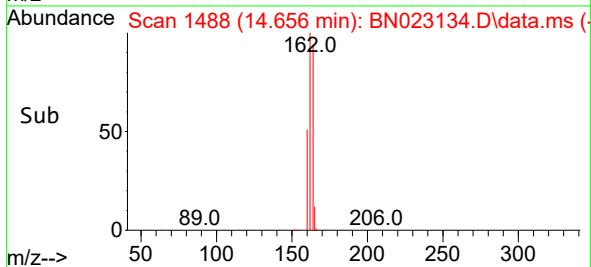
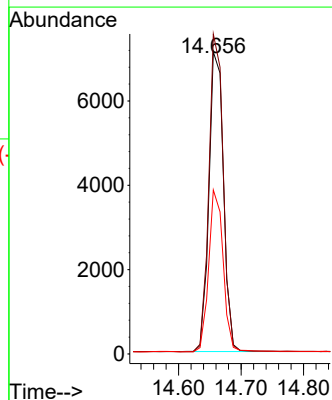
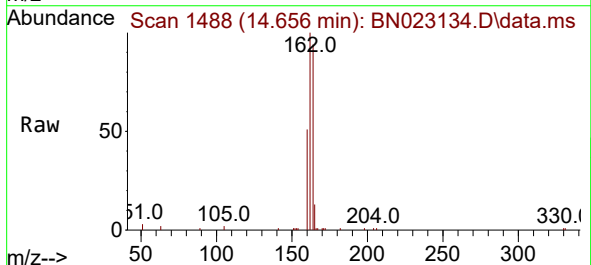
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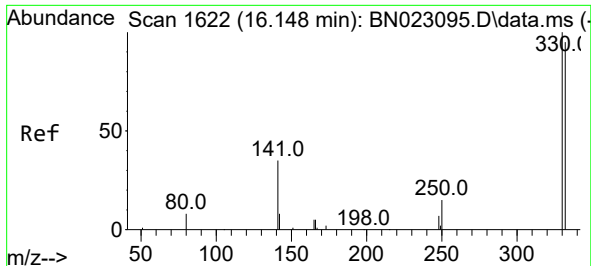
Tgt Ion:152 Resp: 7953
Ion Ratio Lower Upper
152 100
151 21.1 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.656 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

Tgt Ion:164 Resp: 11471
Ion Ratio Lower Upper
164 100
162 105.9 83.4 125.0
160 54.3 41.8 62.8

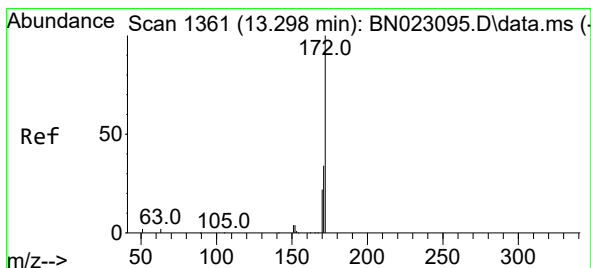
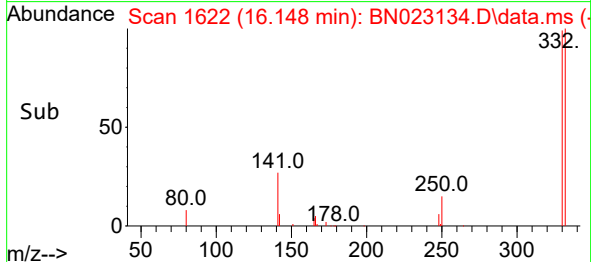
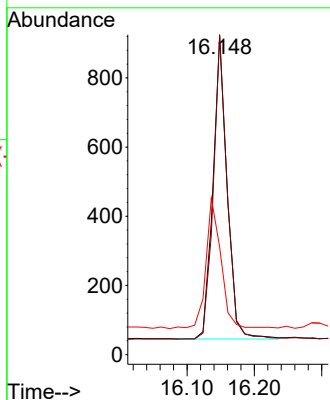
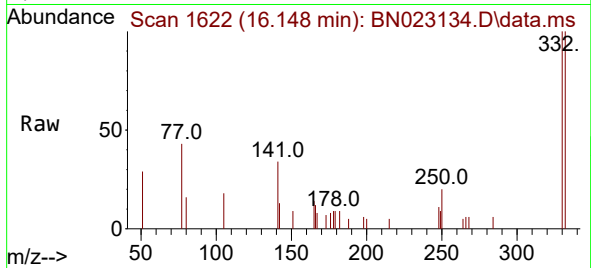




#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

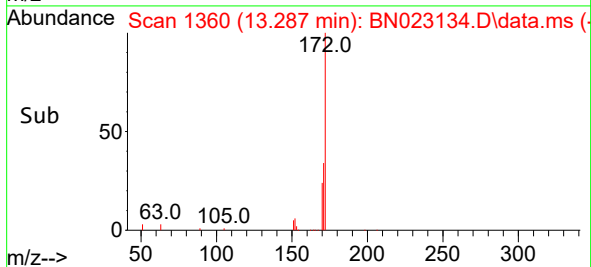
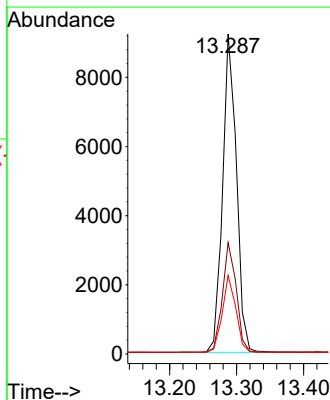
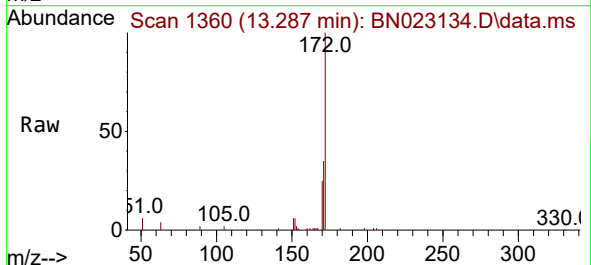
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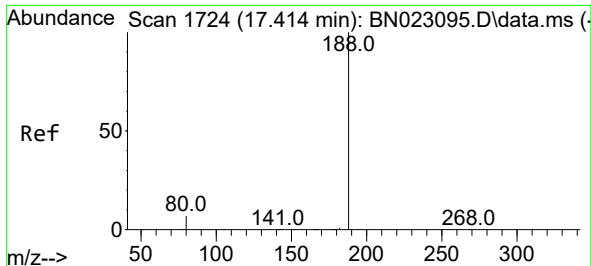
Tgt Ion:	330	Resp:	1284
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.3	115.9
141	46.0	33.5	50.3



#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.287 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

Tgt Ion:	172	Resp:	13224
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.4	41.0
170	24.6	17.9	26.9

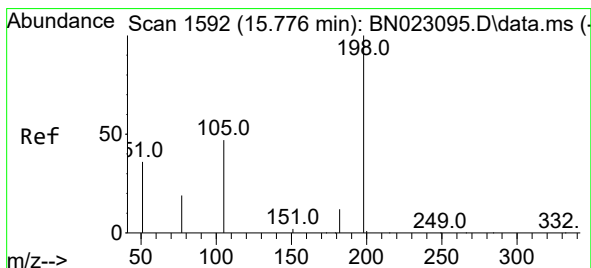
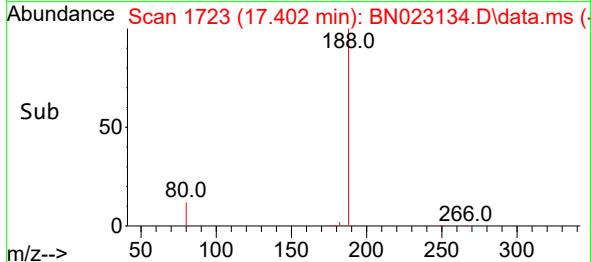
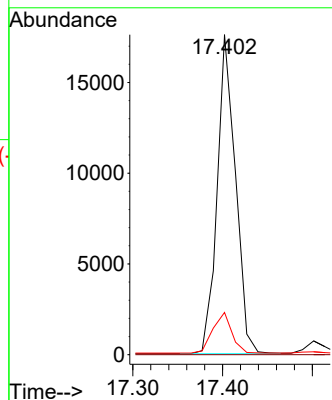
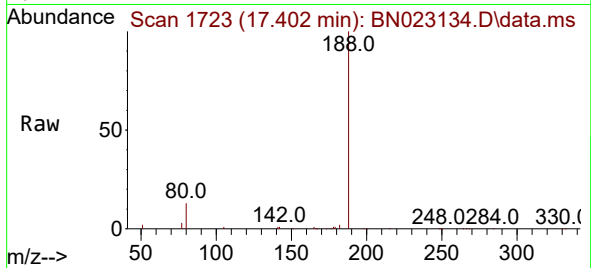




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

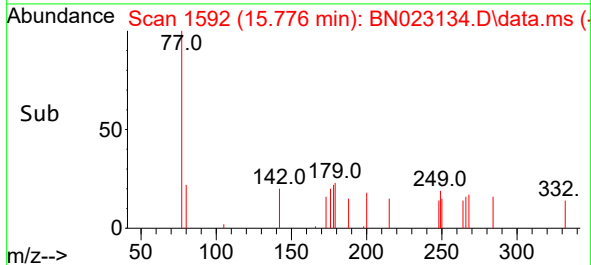
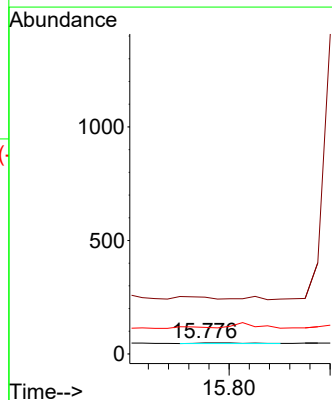
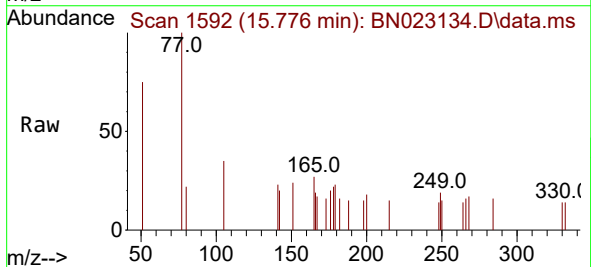
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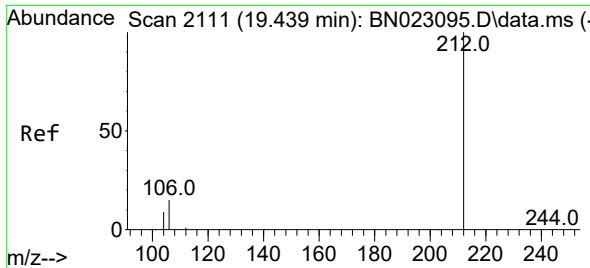
Tgt Ion:188 Resp: 24972
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.234 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 510.2 57.0 85.4#
105 238.8 47.2 70.8#

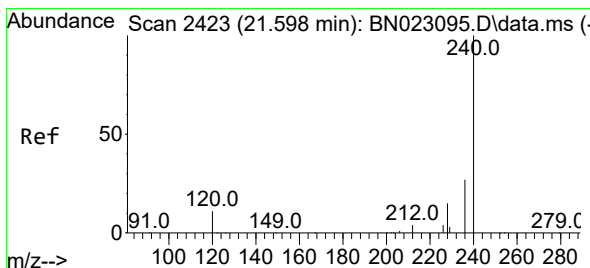
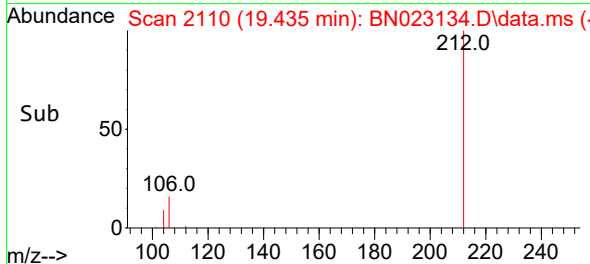
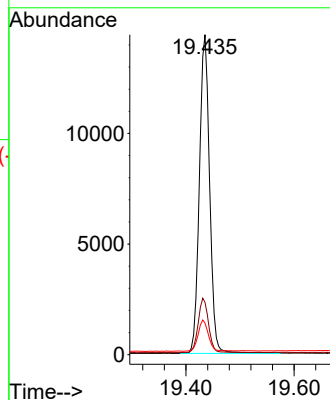
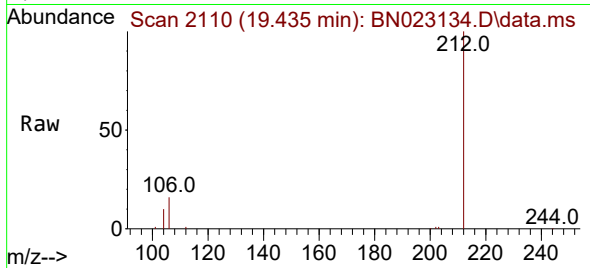




#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.435 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

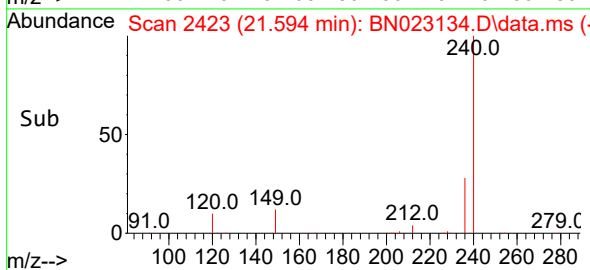
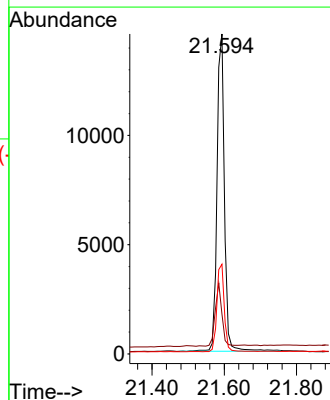
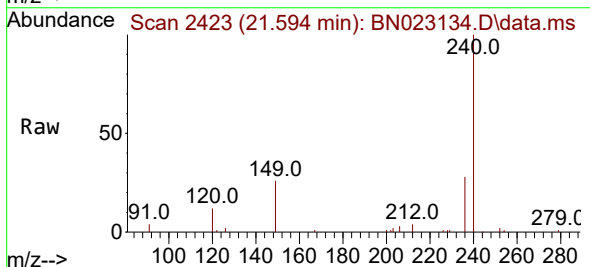
Instrument :
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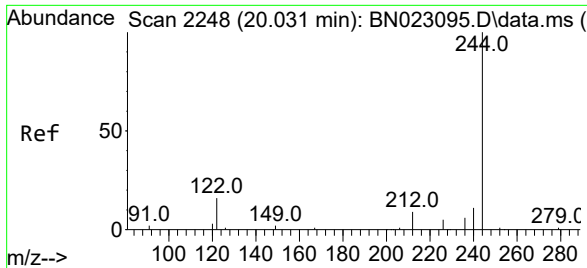
Tgt Ion:212 Resp: 18943
Ion Ratio Lower Upper
212 100
106 17.2 13.0 19.4
104 10.0 7.5 11.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.594 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BN023134.D
Acq: 12 Dec 2022 14:18

Tgt Ion:240 Resp: 20915
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 28.1 22.2 33.4

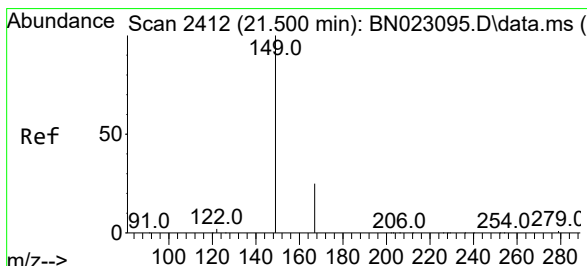
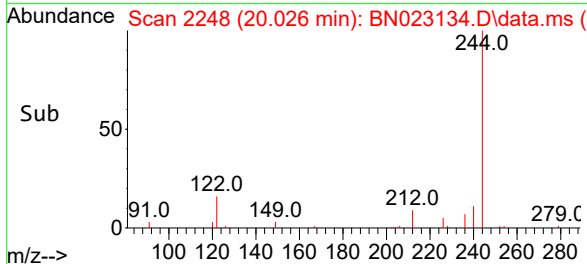
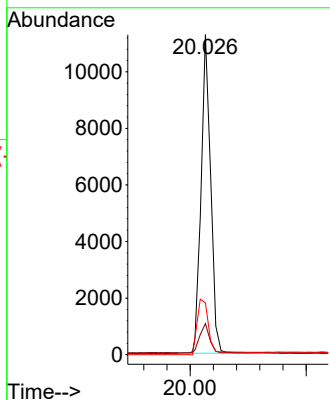
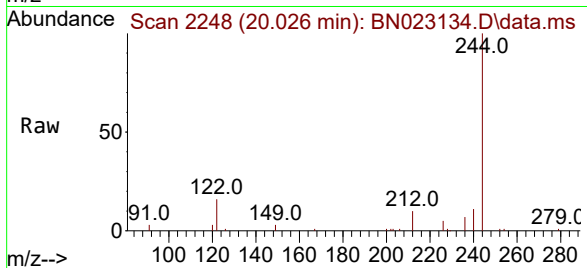




#31
 Terphenyl-d14
 Concen: 0.321 ng
 RT: 20.026 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN023134.D
 Acq: 12 Dec 2022 14:18

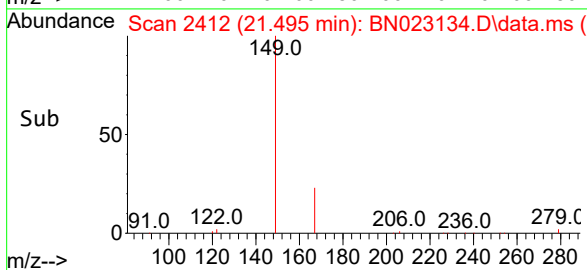
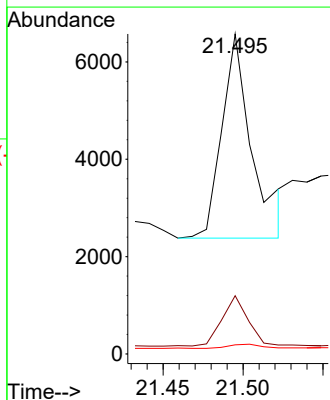
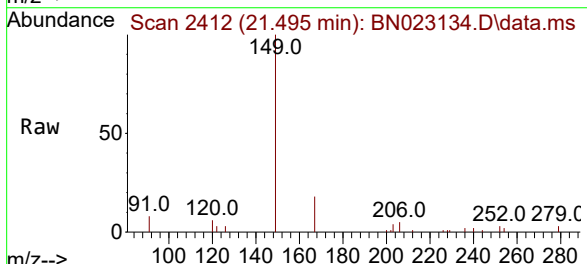
Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-113-127-120822-FD

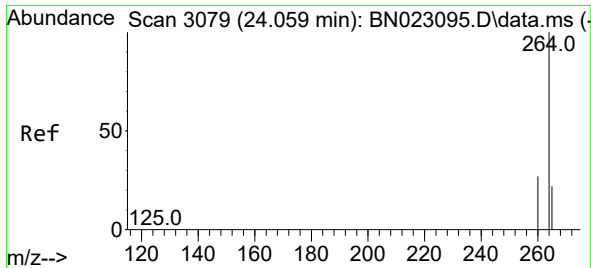
Tgt Ion:244 Resp: 10915
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.6 11.4
 122 16.2 12.6 18.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.192 ng
 RT: 21.495 min Scan# 2412
 Delta R.T. 0.004 min
 Lab File: BN023134.D
 Acq: 12 Dec 2022 14:18

Tgt Ion:149 Resp: 5482
 Ion Ratio Lower Upper
 149 100
 167 22.0 20.2 30.2
 279 2.3 2.3 3.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.052 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BN023134.D
 Acq: 12 Dec 2022 14:18

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-113-127-120822-FD

Tgt Ion:264 Resp: 16086
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.7 32.5
 265 51.2 43.2 64.8

