

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
 Data File : BN029229.D
 Acq On : 09 Jan 2024 15:44
 Operator : MA/JU
 Sample : P1042-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20240104

Quant Time: Jan 09 17:23:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

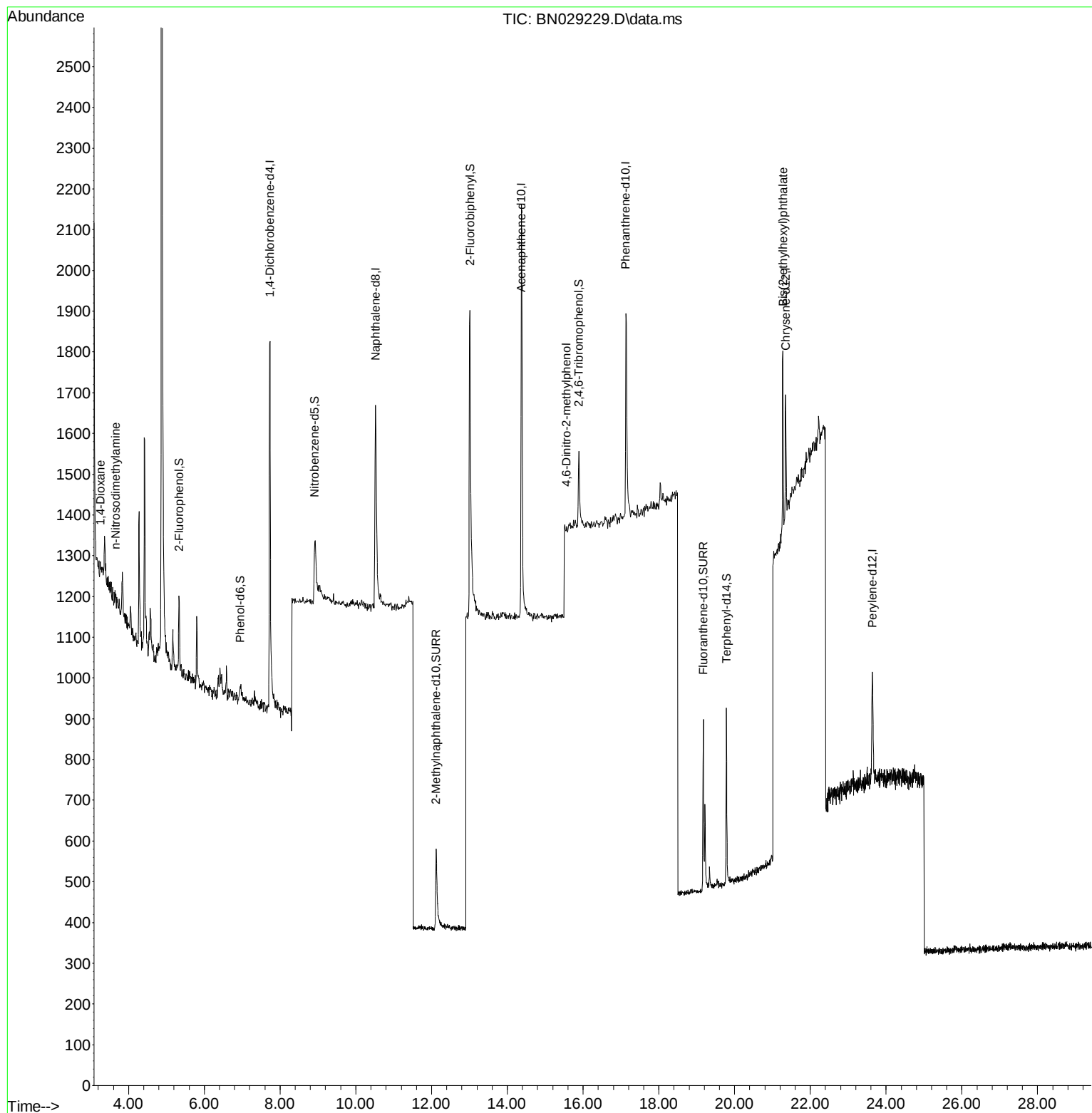
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	611	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	1087	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	726	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	1128	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	333	0.400	ng	# 0.00
35) Perylene-d12	23.639	264	422	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	146	0.103	ng	0.00
5) Phenol-d6	6.944	99	64	0.040	ng	0.00
8) Nitrobenzene-d5	8.918	82	352	0.258	ng	0.01
11) 2-Methylnaphthalene-d10	12.121	152	474	0.252	ng	0.00
14) 2,4,6-Tribromophenol	15.890	330	154	0.275	ng	0.01
15) 2-Fluorobiphenyl	13.014	172	1073	0.276	ng	0.01
27) Fluoranthene-d10	19.173	212	552	0.240	ng	0.00
31) Terphenyl-d14	19.782	244	368	0.356	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.268	88	15	0.027	ng	# 1
3) n-Nitrosodimethylamine	3.665	42	16	0.034	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.555	198	1	0.105	ng	# 29
34) Bis(2-ethylhexyl)phtha...	21.277	149	611	0.219	ng	# 92

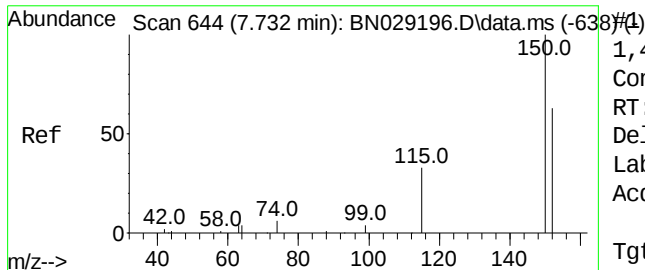
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

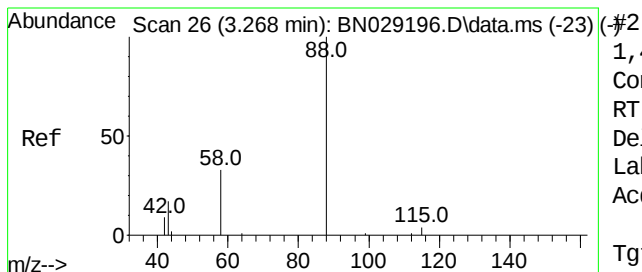
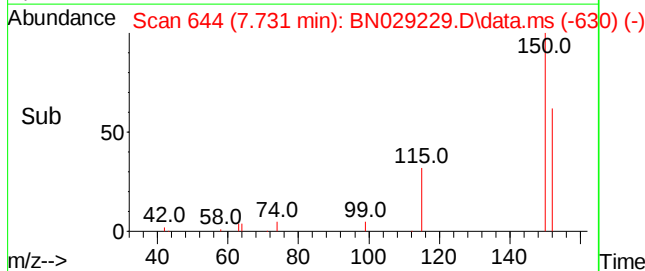
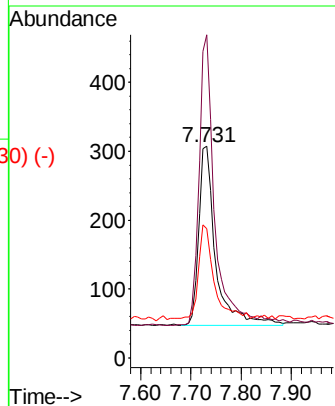
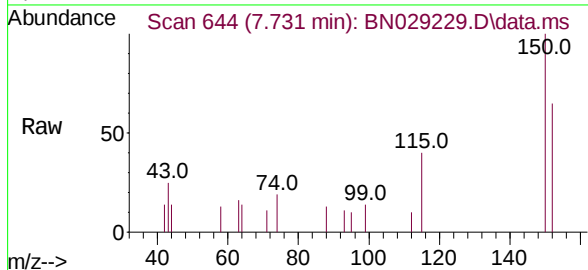




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.731 min Scan# 1
 Delta R.T. -0.001 min
 Lab File: BN029229.D
 Acq: 09 Jan 2024 15:44

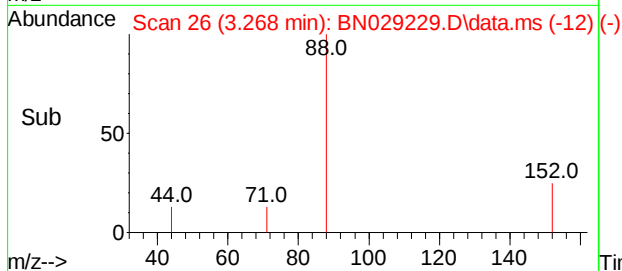
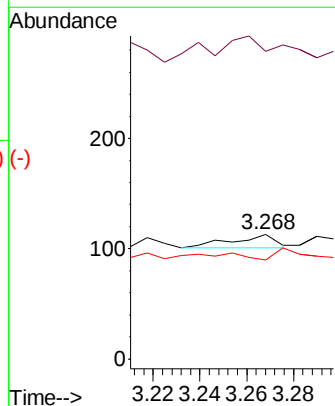
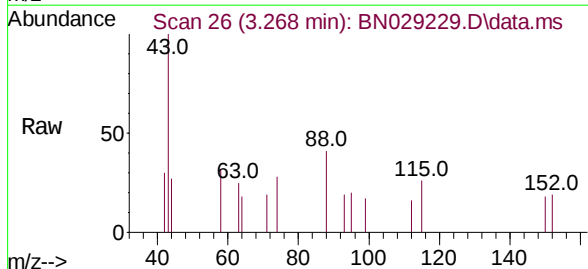
Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20240104

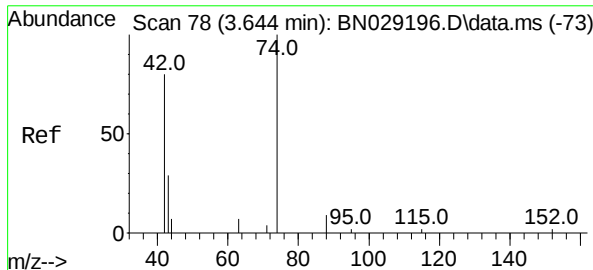
Tgt Ion: 152 Resp: 611
 Ion Ratio Lower Upper
 152 100
 150 152.8 122.2 183.2
 115 61.2 48.2 72.4



1,4-Dioxane
 Concen: 0.027 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN029229.D
 Acq: 09 Jan 2024 15:44

Tgt Ion: 88 Resp: 15
 Ion Ratio Lower Upper
 88 100
 43 340.0 19.0 28.4#
 58 80.0 23.1 34.7#

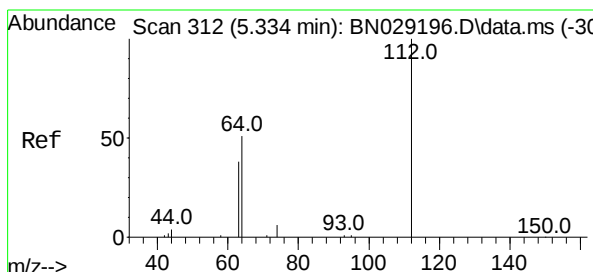
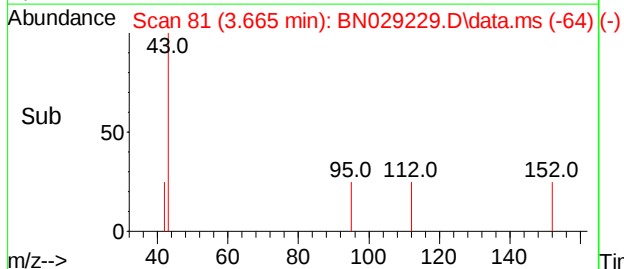
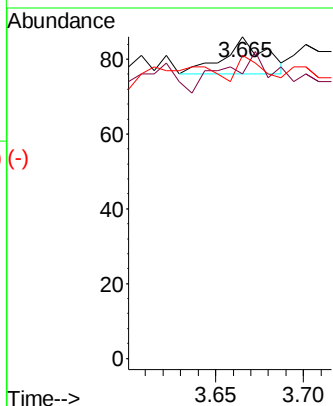
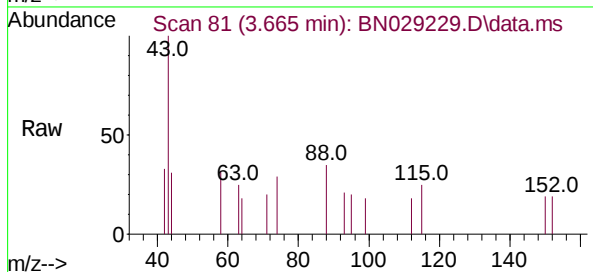




n-Nitrosodimethylamine
 Concen: 0.034 ng
 RT: 3.665 min Scan# 81
 Delta R.T. 0.021 min
 Lab File: BN029229.D
 Acq: 09 Jan 2024 15:44

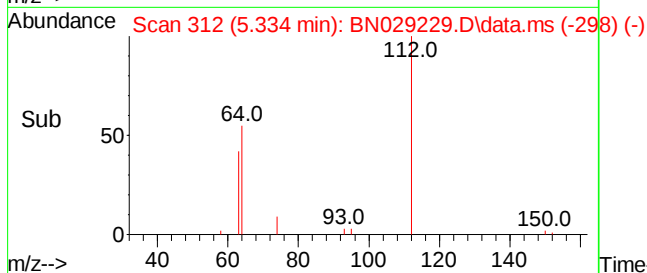
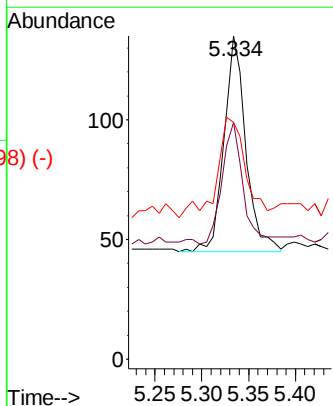
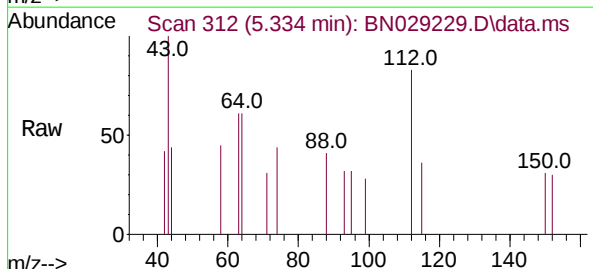
Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20240104

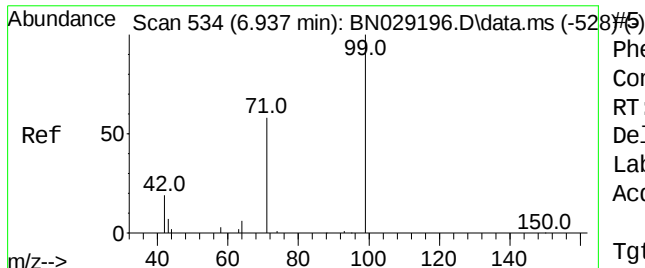
Tgt Ion:	42	Resp:	16
Ion	Ratio	Lower	Upper
42	100		
74	156.3	106.8	160.2
44	37.5	5.6	8.4#



2-Fluorophenol
 Concen: 0.103 ng
 RT: 5.334 min Scan# 312
 Delta R.T. -0.000 min
 Lab File: BN029229.D
 Acq: 09 Jan 2024 15:44

Tgt Ion:	112	Resp:	146
Ion	Ratio	Lower	Upper
112	100		
64	54.8	38.8	58.2
63	53.4	30.6	45.8#





Phenol-d6

Concen: 0.040 ng

RT: 6.944 min Scan# 534

Delta R.T. 0.007 min

Lab File: BN029229.D

Acq: 09 Jan 2024 15:44

Instrument :

BNA_N

ClientSampleId :

SP-201-20240104

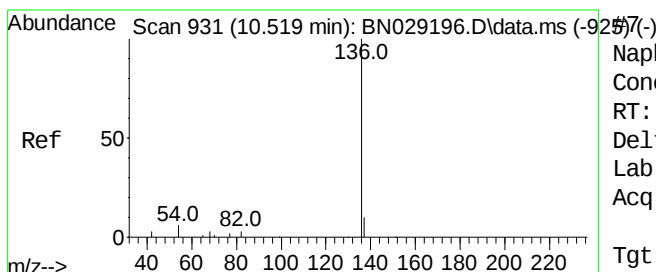
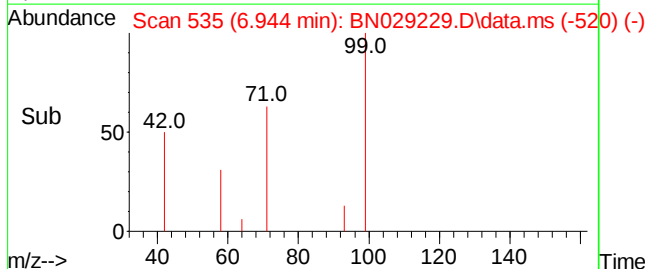
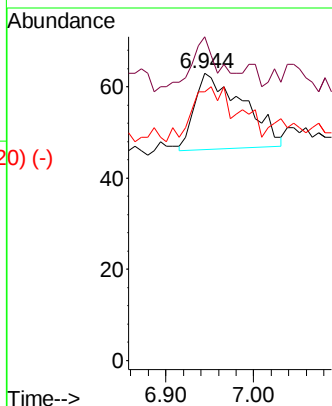
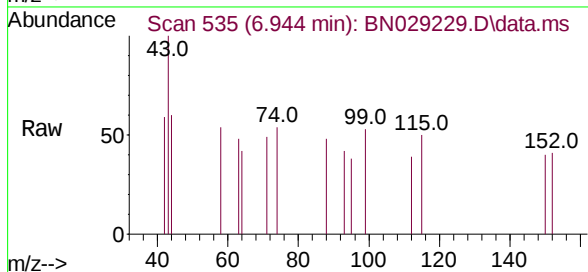
Tgt Ion: 99 Resp: 64

Ion Ratio Lower Upper

99 100

42 34.4 18.3 27.5#

71 54.7 48.6 73.0



Naphthalene-d8

Concen: 0.400 ng

RT: 10.519 min Scan# 931

Delta R.T. 0.000 min

Lab File: BN029229.D

Acq: 09 Jan 2024 15:44

Tgt Ion: 136 Resp: 1087

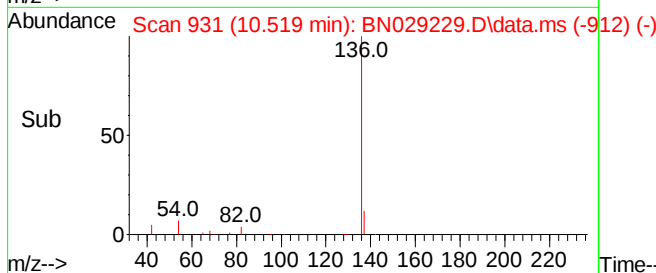
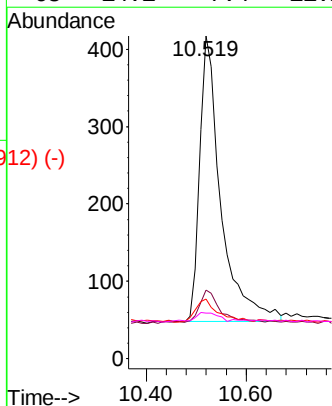
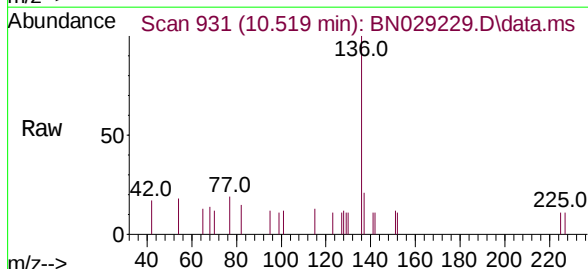
Ion Ratio Lower Upper

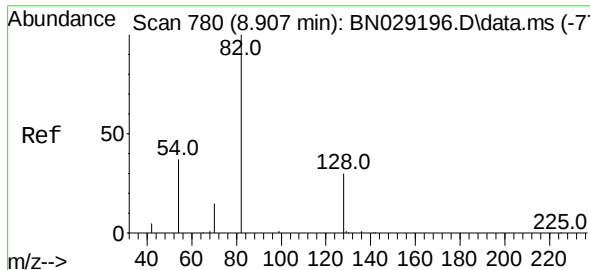
136 100

137 21.3 13.0 19.4#

54 18.5 9.8 14.6#

68 14.1 7.4 11.2#





Nitrobenzene-d5

Concen: 0.258 ng

RT: 8.918 min Scan#

Delta R.T. 0.011 min

Lab File: BN029229.D

Acq: 09 Jan 2024 15:44

Instrument :

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SP-201-20240104

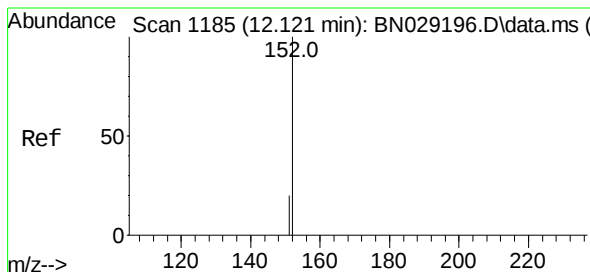
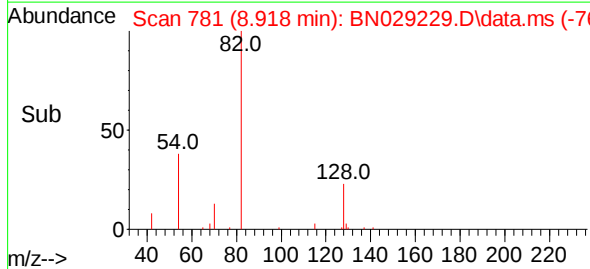
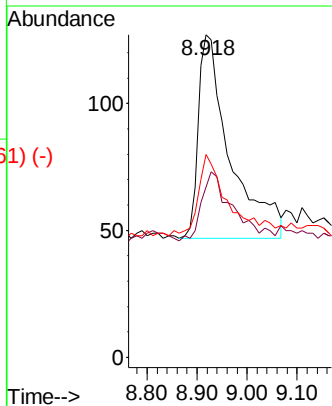
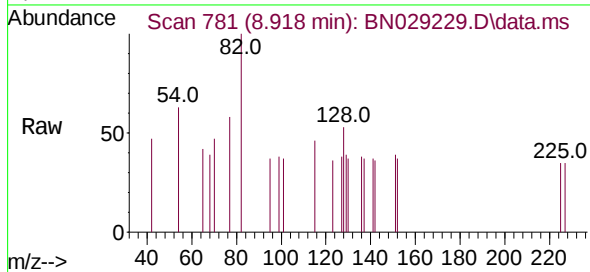
Tgt Ion: 82 Resp: 352

Ion Ratio Lower Upper

82 100

128 52.8 34.2 51.2#

54 63.0 38.8 58.2#



2-Methylnaphthalene-d10

Concen: 0.252 ng

RT: 12.121 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BN029229.D

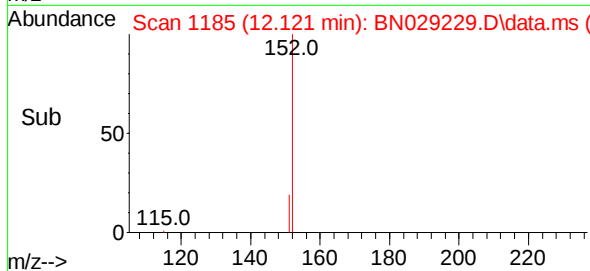
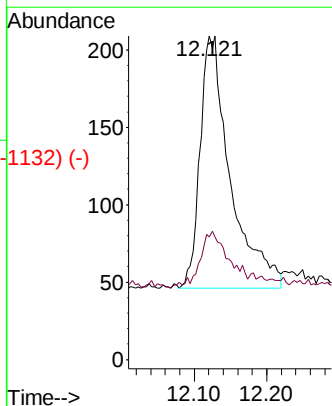
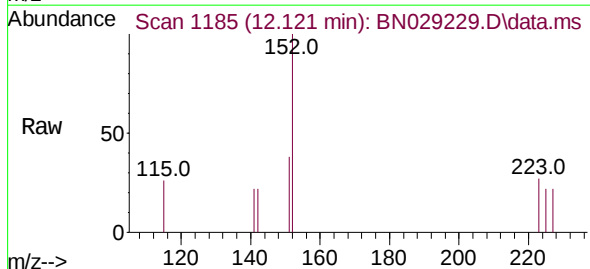
Acq: 09 Jan 2024 15:44

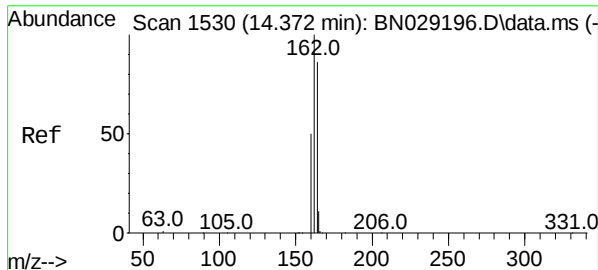
Tgt Ion: 152 Resp: 474

Ion Ratio Lower Upper

152 100

151 21.7 16.6 24.8





Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BN029229.D

Acq: 09 Jan 2024 15:44

Instrument :

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SP-201-20240104

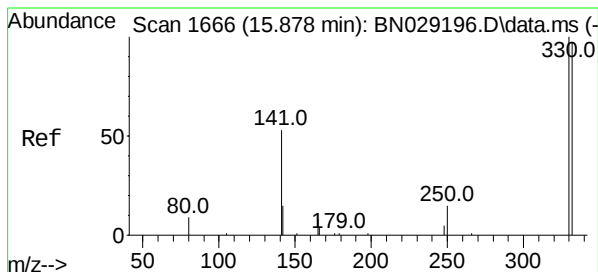
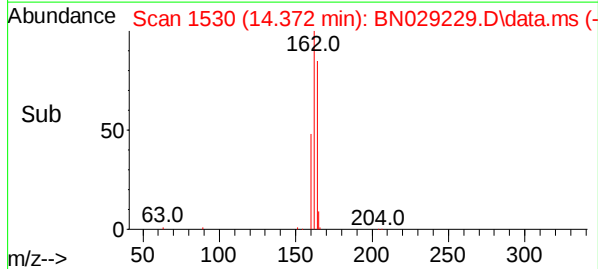
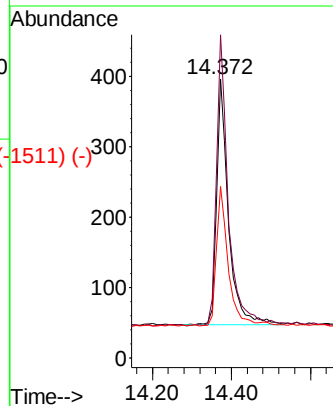
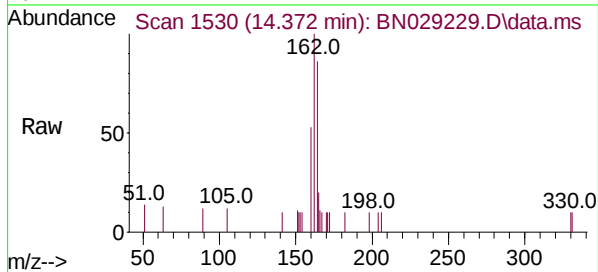
Tgt Ion:164 Resp: 726

Ion Ratio Lower Upper

164 100

162 115.9 91.8 137.8

160 61.4 49.4 74.2



2,4,6-Tribromophenol

Concen: 0.275 ng

RT: 15.890 min Scan# 1667

Delta R.T. 0.012 min

Lab File: BN029229.D

Acq: 09 Jan 2024 15:44

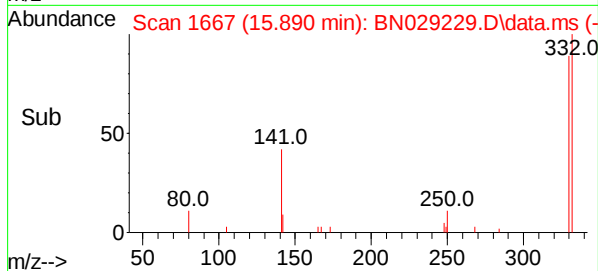
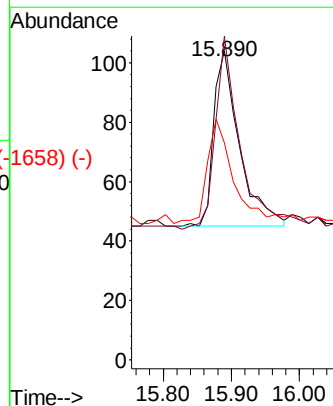
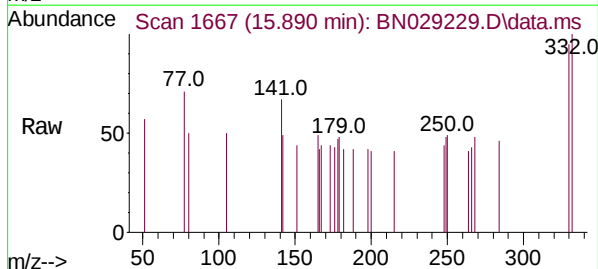
Tgt Ion:330 Resp: 154

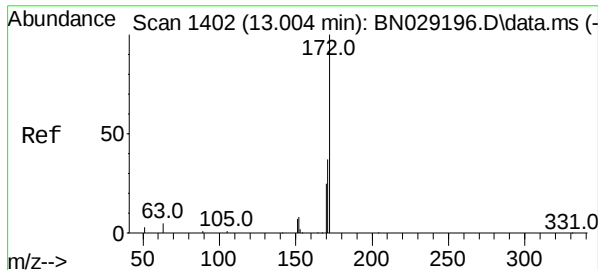
Ion Ratio Lower Upper

330 100

332 103.2 74.4 111.6

141 54.5 46.7 70.1

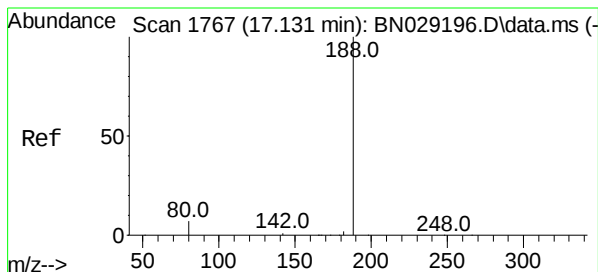
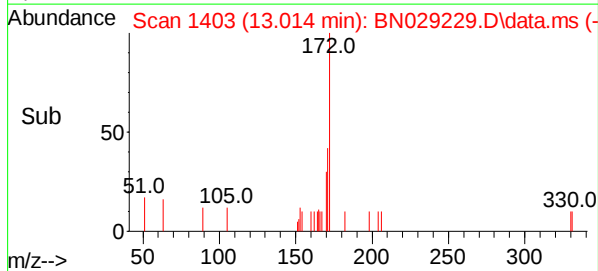
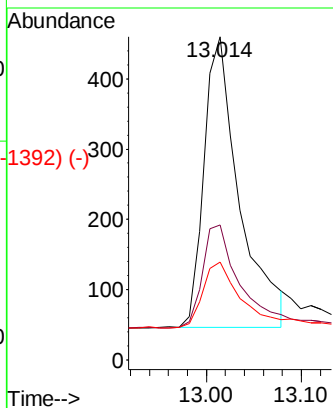
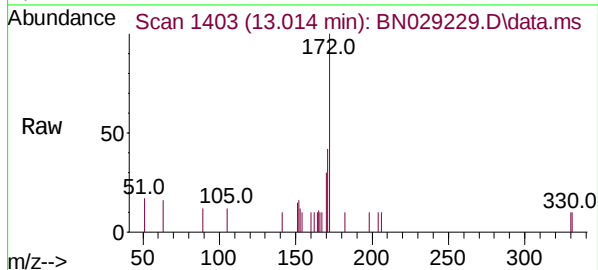




Scan 1402 (13.004 min): BN029196.D\data.ms (-1395) (-)
 2-Fluorobiphenyl
 Concen: 0.276 ng
 RT: 13.014 min Scan# 1402
 Delta R.T. 0.011 min
 Lab File: BN029229.D
 Acq: 09 Jan 2024 15:44

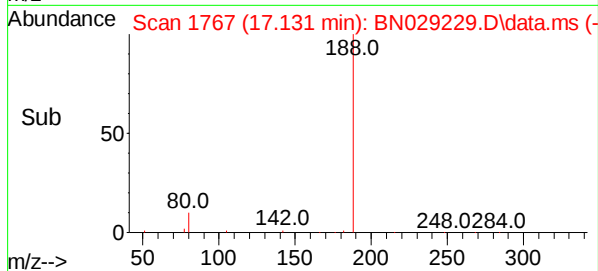
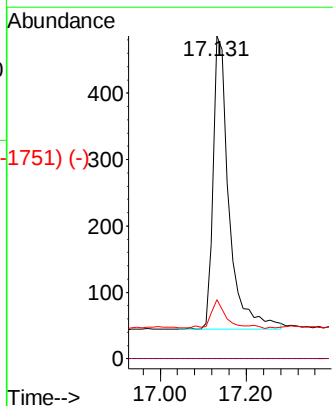
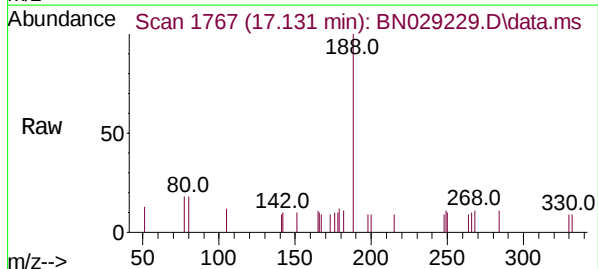
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Tgt Ion:	172	Resp:	1073
Ion	Ratio	Lower	Upper
172	100		
171	41.7	32.8	49.2
170	30.2	24.0	36.0



Scan 1767 (17.131 min): BN029196.D\data.ms (-1712) (-)
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.131 min Scan# 1767
 Delta R.T. -0.000 min
 Lab File: BN029229.D
 Acq: 09 Jan 2024 15:44

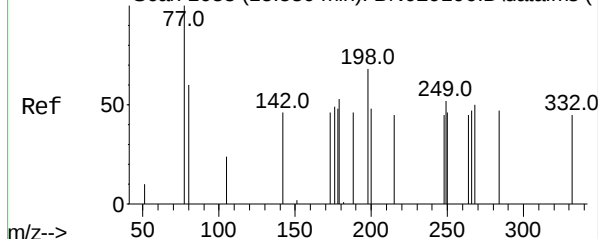
Tgt Ion:	188	Resp:	1128
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.3	8.8	13.2#



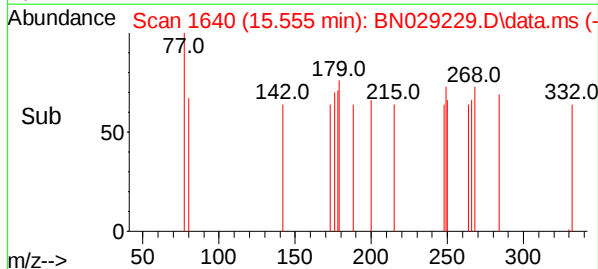
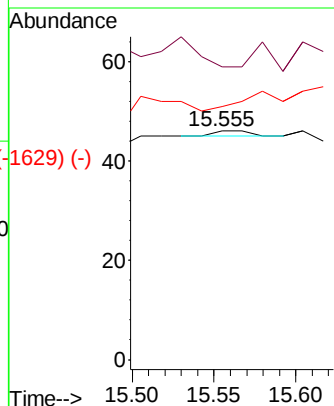
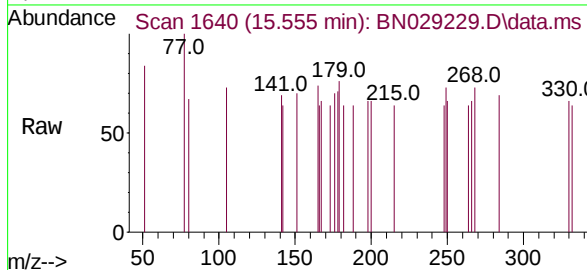
Abundance Scan 1638 (15.530 min): BN029196.D\data.ms (-1629) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.105 ng
RT: 15.555 min Scan# 1638
Delta R.T. 0.025 min
Lab File: BN029229.D
Acq: 09 Jan 2024 15:44

Instrument :
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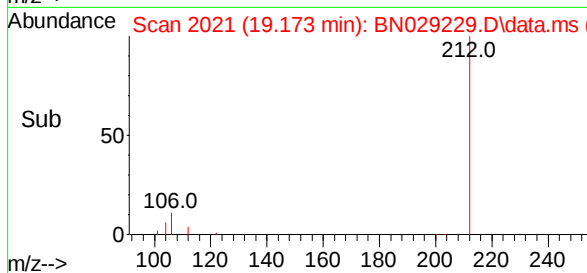
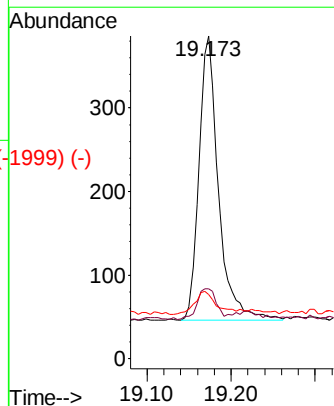
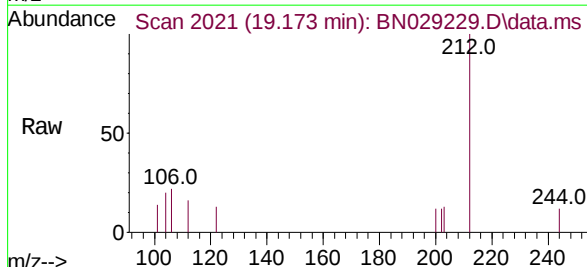
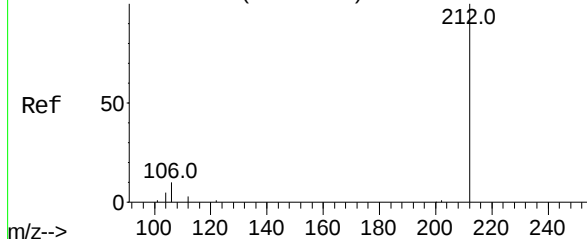
Tgt Ion:	198	Resp:	1
Ion	Ratio	Lower	Upper
198	100		
51	128.3	47.4	71.2#
105	110.9	54.5	81.7#



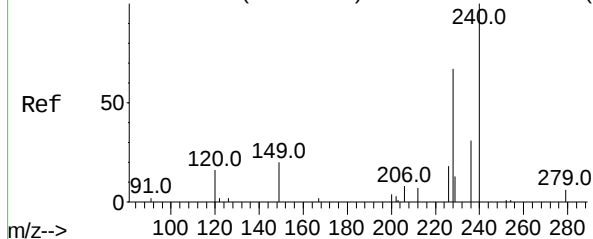
Abundance Scan 2021 (19.173 min): BN029196.D\data.ms (-2029) (-)

Fluoranthene-d10
Concen: 0.240 ng
RT: 19.173 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN029229.D
Acq: 09 Jan 2024 15:44

Tgt Ion:	212	Resp:	552
Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.7	14.5
104	8.9	6.3	9.5



Abundance Scan 2453 (21.340 min): BN029196.D\data.ms (-2431) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.349 min Scan# 2134

Delta R.T. 0.009 min

Lab File: BN029229.D

Acq: 09 Jan 2024 15:44

Instrument :

BNA_N

ClientSampleId :

SP-201-20240104

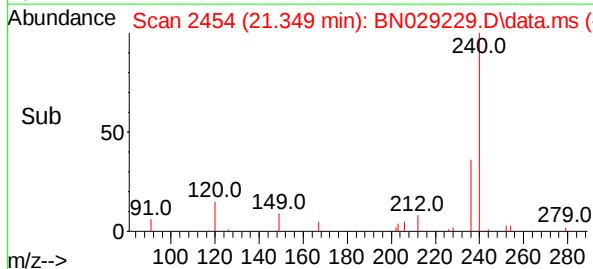
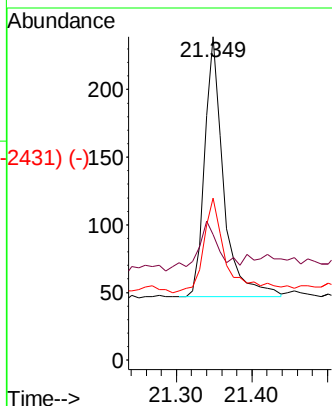
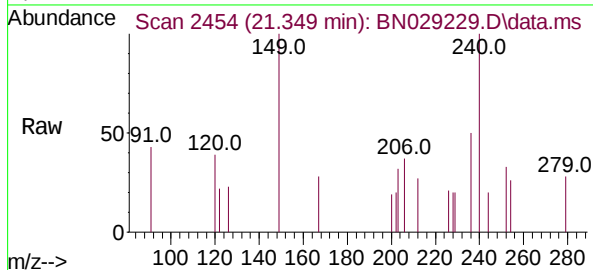
Tgt Ion:240 Resp: 333

Ion Ratio Lower Upper

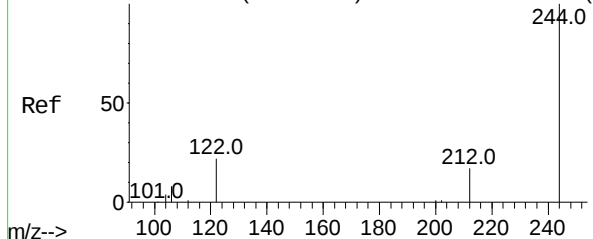
240 100

120 38.9 24.6 36.8#

236 50.2 32.0 48.0#



Abundance Scan 2153 (19.787 min): BN029196.D\data.ms (-2131) (-)



Terphenyl-d14

Concen: 0.356 ng

RT: 19.782 min Scan# 2152

Delta R.T. -0.005 min

Lab File: BN029229.D

Acq: 09 Jan 2024 15:44

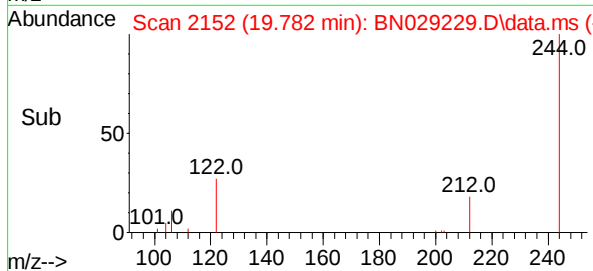
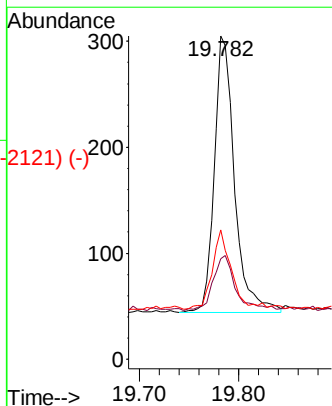
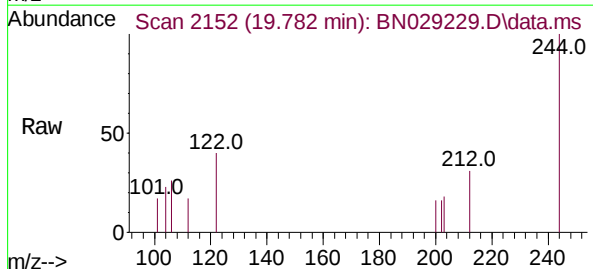
Tgt Ion:244 Resp: 368

Ion Ratio Lower Upper

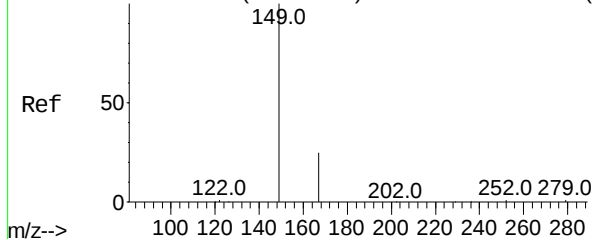
244 100

212 31.1 20.1 30.1#

122 40.0 23.9 35.9#



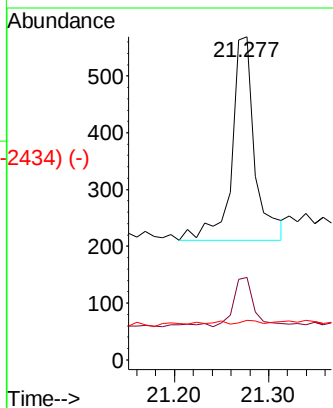
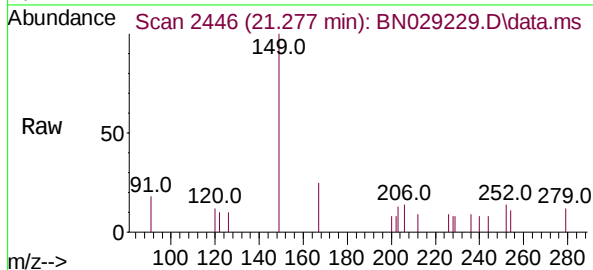
Abundance Scan 2445 (21.268 min): BN029196.D\data.ms (-2434) (-)



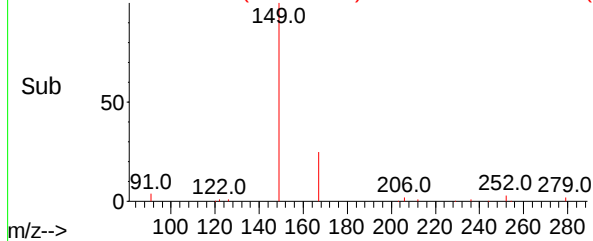
Bis(2-ethylhexyl)phthalate
Concen: 0.219 ng
RT: 21.277 min Scan# 1
Delta R.T. 0.009 min
Lab File: BN029229.D
Acq: 09 Jan 2024 15:44

Instrument :
BNA_N
ClientSampleId :
SP-201-20240104

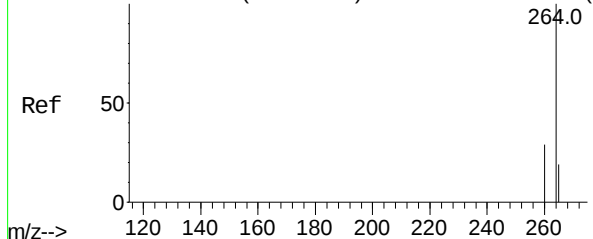
Tgt Ion:	149	Resp:	611
Ion	Ratio	Lower	Upper
149	100		
167	21.4	20.7	31.1
279	1.5	2.4	3.6#



Abundance Scan 2446 (21.277 min): BN029229.D\data.ms (-2434) (-)

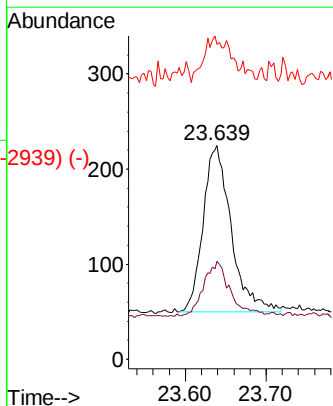
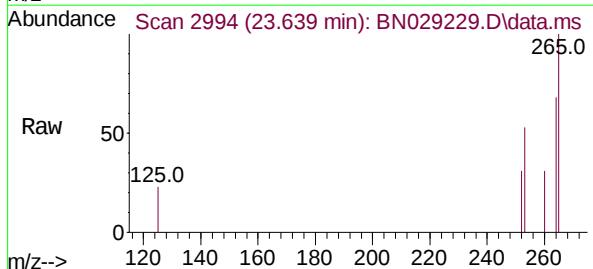


Abundance Scan 2990 (23.628 min): BN029196.D\data.ms (-2925) (-)



Perylene-d12
Concen: 0.400 ng
RT: 23.639 min Scan# 2994
Delta R.T. 0.012 min
Lab File: BN029229.D
Acq: 09 Jan 2024 15:44

Tgt Ion:	264	Resp:	422
Ion	Ratio	Lower	Upper
264	100		
260	45.8	30.2	45.4#
265	147.1	88.1	132.1#



Abundance Scan 2994 (23.639 min): BN029229.D\data.ms (-2939) (-)

